DAIKIN

EDMT341410A

R-410A

Engineering Data

VRV IV



High-COP Type RXQ12-50THY1(E)
Standard Type RXQ6-60T(N)Y1(E)
Space Saving Type RXQ18-50T(S)Y1(E)

Cooling Only 50Hz

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1. Introduction

1.1 Publication List of Engineering Data for *VRV* Products

Refrigerant	Type	Product	Series	Book No.	Type, Hz	Model name	Area	Note	Published in
R410A	Air cooled	VRV IV	Inverter T	EDMT341324B	H/P 50Hz	High-COP type RXYQ12-50THY1(E) Standard type RXYQ6-60T(N)Y1(E) Space saving type RXYQ18-50T(S)Y1(E)	Vietnam, Hong Kong	■ Correction of capacity tables of outdoor units, etc	Oct. 2014
				EDMT341410	C/O 50Hz	High-COP type RXQ12-50THY1(E) Standard type RXQ6-60T(N)Y1(E) Space saving type RXQ18-50T(S)Y1(E)	Singapore, Malaysia, Vietnam	■ New lineup of outdoor units RXQ-T ■ Addition of FXFQ-S, FXVQ ■ Addition of residential indoor units ■ Model change of FXFQ from P to LU, FXUQ from MA to A ■ Deletion of BEVQ	Mar. 2014
				EDMT341410A	C/O 50Hz	High-COP type RXQ12-50THY1(E) Standard type RXQ6-60T(N)Y1(E) Space saving type RXQ18-50T(S)Y1(E)	Singapore, Malaysia, Vietnam	■ Correction of capacity tables of outdoor units, etc	Sep. 2014
		VRV III	Inverter P(A)	EDMT341107A	H/P 50/60Hz	Normal type RXYQ5-54PAY1(E) RXYQ5-54PAYL(E) RXYQ5-54PTL(E) High-COP type RXYQ16-50PAHY1(E) RXYQ16-50PAHYL(E) RXYQ16-50PHTL(E)	General	■ Addition of 6HP outdoor units (Asean and Oceania only) ■ Model change of FXAQ from MA to P series	Dec. 2012
				EDMT341015A	C/O 50Hz	Normal type RXQ5-54PAY1 High-COP type RXQ16-50PAHY1	General	■ Addition of 6HP outdoor unit (Asean and Oceania only) ■ Model change of FXAQ from MA to P series	Dec. 2012
				ED341119	C/O 50Hz	Single outdoor unit series RSXQ8-18PY1	ASEAN	■ New lineup of outdoor unit connecting with residential indoor units	Dec. 2011
				ED341211	C/O 50Hz H/P 50Hz	RX(Y)Q6PAY1	ASEAN Oceania	■ New lineup of 6HP outdoor units	Aug. 2012
				EDMT37-750A	H/R 50Hz	REYQ8-48PY1	General	■ Model change and addition of indoor units	Aug. 2013
		VRV III-Q		ED341014	H/P 50Hz	RQYQ8-48PY1	ASEAN	■ New lineup for replacement use ■ Outdoor unit only	Dec. 2010
				ED341207	C/O 50Hz	RQQ8-48PY1	ASEAN	■ New lineup for replacement use (cooling only) ■ Outdoor unit only	Jul. 2012
		VRV III-S		EDMT34-635A	H/P 50/60Hz C/O 50/60Hz	RX(Y)MQ4-6PVE	General	■ Model change of FXAQ from MA to P series	Dec. 2012
	Water cooled	VRV-W III		ED30-942	H/P,H/R 50Hz H/P,H/R 60Hz	RWEYQ8-30PY1 RWEYQ10-30PYL RWEYQ10-30PTL	General	■ New lineup of Centralized BS units	Dec. 2009
Option for all type				OH14-01	50/60Hz	For indoor and outdoor units	General	**Option handbook**	Apr. 2014
Heat Reclaim Ventilator (VAM)			GJ	ED71-613	50/60Hz	VAM150-2000GJVE	General	■ New lineup from FA to GA series	Feb. 2006

Heat Reclaim Ventilator (VKM)	GA(M)	**ED71-440B**	**50Hz**	VKM50-100GAMV1 VKM50-100GAV1	General	■ With DX coil and humidifier (VKM-GAM) ■ With DX coil (VKM-GA)	Mar. 2012

This time we publish **EDMT341410A** as shown by .

H/P: Heat Pump
H/R: Heat Recovery
C/O: Cooling Only

Part 1
General Information

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1. Model Names of Indoor/Outdoor Units

1.1 Indoor Units

VRV Indoor Units

Capacity range		2.2kW	2.8kW	3.6kW	4.5kW	5.6kW	7.1kW	8.0kW	9.0kW	11.2kW	14.0kW	16.0kW	22.4kW	28.0kW	45.0kW	56.0kW	Power supply, Standard
		0.8HP	1HP	1.25HP	1.6HP	2HP	2.5HP	3HP	3.2HP	4HP	5HP	6HP	8HP	10HP	16HP	20HP	
Capacity index		20	25	31.25	40	50	62.5	71	80	100	125	140	200	250	400	500	
Ceiling Mounted Cassette (Round Flow with Sensing) Type	FXFQ	—	25S	32S	40S	50S	63S	—	80S	100S	125S	—	—	—	—	—	VM
Ceiling Mounted Cassette (Round Flow) Type	FXFQ	—	25LU	32LU	40LU	50LU	63LU	—	80LU	100LU	125LU	—	—	—	—	—	V1
Ceiling Mounted Cassette (Compact Multi Flow) Type	FXZQ	20M	25M	32M	40M	50M	—	—	—	—	—	—	—	—	—	—	VE
4-Way Flow Ceiling Suspended Type	FXUQ	—	—	—	—	—	—	71A	—	100A	—	—	—	—	—	—	VEB
Ceiling Mounted Cassette (Double Flow) Type	FXCQ	20M	25M	32M	40M	50M	63M	—	80M	—	125M	—	—	—	—	—	VE
Ceiling Mounted Cassette Corner Type	FXKQ	—	25MA	32MA	40MA	—	63MA	—	—	—	—	—	—	—	—	—	VE
Slim Ceiling Mounted Duct Type	FXDQ-PBVE	20PB	25PB	32PB	—	—	—	—	—	—	—	—	—	—	—	—	VE
	FXDQ-PBVET	20PB	25PB	32PB	—	—	—	—	—	—	—	—	—	—	—	—	VE
	FXDQ-NBVE	—	—	—	40NB	50NB	63NB	—	—	—	—	—	—	—	—	—	VE
	FXDQ-NBVET	—	—	—	40NB	50NB	63NB	—	—	—	—	—	—	—	—	—	VE
Ceiling Mounted Duct Type	FXMQ	20P	25P	32P	40P	50P	63P	—	80P	100P	125P	140P	—	—	—	—	VE
	FXMQ	—	—	—	—	—	—	—	—	—	—	—	200MA	250MA	—	—	VE
Ceiling Suspended Type	FXHQ	—	—	32MA	—	—	63MA	—	—	100MA	—	—	—	—	—	—	VE
Wall Mounted Type	FXAQ	20P	25P	32P	40P	50P	63P	—	—	—	—	—	—	—	—	—	VE
Floor Standing Type	FXLQ	20MA	25MA	32MA	40MA	50MA	63MA	—	—	—	—	—	—	—	—	—	VE
Concealed Floor Standing Type	FXNQ	20MA	25MA	32MA	40MA	50MA	63MA	—	—	—	—	—	—	—	—	—	VE
Floor Standing Duct Type	FXVQ	—	—	—	—	—	—	—	—	—	125M	—	200M	250M	400M	500M	Y1
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	500M	Y16

Note: FXDQ has following 2 series, as shown below.
FXDQ-PBVET, NBVET: without a Drain Pump
FXDQ-PBVE, NBVE: with a Drain Pump

V1: 1 phase, 220-240V, 50Hz
VE: 1 phase, 220-240/220V, 50/60Hz
VM: 1 phase, 220-240/220-230V, 50/60Hz
Y1: 3 phase, 380-415V, 50Hz

Residential Indoor Units with Connection to BP Units

Capacity range		2.5kW	3.5kW	5.0kW	6.0kW	7.1kW	Power supply, Standard
Capacity index		25	35	50	60	71	
Ceiling Mounted Cassette Type	FCQ	—	35B	50B	60B	71B	VE
Ceiling Mounted Cassette (Compact Multi Flow) Type	FFQ	25B	35B	50B	60B	—	V1B
Ceiling Mounted Build-in Type	FBQ	—	—	—	60B	71B	V1
Slim Ceiling Mounted Duct Type	FDKS	25EA	35EA	—	—	—	VMB
		25CA	35CA	—	—	—	
		—	—	50C	60C	—	
Wall Mounted Type	FTKS	25D	35D	—	—	—	VM
		—	—	50B	—	—	VMA
		—	—	50F	60F	71F	VM

Note: BP Units are necessary for residential indoor units.
Residential Indoor Units can be connected with only Single Outdoor Units.

V1: 1 phase, 220-240V, 50Hz
VE: 1 phase, 220-240/220V, 50/60Hz
VM: 1 phase, 220-240/220-230V, 50/60Hz

BP Units

Type		Model Name
BP Units	3 Ports	BPMKS967A3
	2 Ports	BPMKS967A2

1.2 Outdoor Units

High-COP Type

Series	Model Name											Power Supply
Cooling Only	RXQ	12TH	14TH	16TH	18TH	20TH	22TH	24TH	26TH	28TH	30TH	Y1(E)
		32TH	34TH	36TH	38TH	40TH	42TH	44TH	46TH	48TH	50TH	

Standard Type

Series	Model Name											Power Supply
Cooling Only	RXQ	6T	8T	10T	12T	14T	16T	18TN	20TN	22TN	24TN	Y1(E)
		26TN	28TN	30TN	32TN	34TN	36TN	38TN	40TN	42TN	44TN	
		46TN	48TN	50TN	52TN	54TN	56TN	58TN	60TN	—	—	

Space Saving Type

Series	Model Name											Power Supply
Cooling Only	RXQ	18T	20T	22TS	24TS	26TS	28TS	30TS	32TS	34TS	36TS	Y1(E)
		38TS	40TS	42TS	44TS	46TS	48TS	50TS	—	—	—	

Y1: 3 phase, 380-415V, 50Hz
E: The unit with anti corrosion treatment

Combination of Outdoor Units (High-COP Type)

Capacity range	12HP	14HP	16HP	18HP	20HP	22HP	24HP	26HP
Model name	**RXQ12TH**	**RXQ14TH**	**RXQ16TH**	**RXQ18TH**	**RXQ20TH**	**RXQ22TH**	**RXQ24TH**	**RXQ26TH**
Outdoor unit 1	RXQ6T	RXQ6T	RXQ8T	RXQ6T	RXQ6T	RXQ6T	RXQ8T	RXQ8T
Outdoor unit 2	RXQ6T	RXQ8T	RXQ8T	RXQ6T	RXQ6T	RXQ8T	RXQ8T	RXQ8T
Outdoor unit 3	–	–	–	RXQ6T	RXQ8T	RXQ8T	RXQ8T	RXQ10T

Capacity range	28HP	30HP	32HP	34HP	36HP	38HP	40HP	42HP
Model name	**RXQ28TH**	**RXQ30TH**	**RXQ32TH**	**RXQ34TH**	**RXQ36TH**	**RXQ38TH**	**RXQ40TH**	**RXQ42TH**
Outdoor unit 1	RXQ8T	RXQ8T	RXQ8T	RXQ8T	RXQ8T	RXQ12T	RXQ12T	RXQ14T
Outdoor unit 2	RXQ8T	RXQ10T	RXQ12T	RXQ12T	RXQ14T	RXQ12T	RXQ14T	RXQ14T
Outdoor unit 3	RXQ12T	RXQ12T	RXQ12T	RXQ14T	RXQ14T	RXQ14T	RXQ14T	RXQ14T

Capacity range	44HP	46HP	48HP	50HP
Model name	**RXQ44TH**	**RXQ46TH**	**RXQ48TH**	**RXQ50TH**
Outdoor unit 1	RXQ14T	RXQ14T	RXQ16T	RXQ16T
Outdoor unit 2	RXQ14T	RXQ16T	RXQ16T	RXQ16T
Outdoor unit 3	RXQ16T	RXQ16T	RXQ16T	RXQ18T

Combination of Outdoor Units (Standard Type)

Capacity range	6HP	8HP	10HP	12HP	14HP	16HP
Model name	**RXQ6T**	**RXQ8T**	**RXQ10T**	**RXQ12T**	**RXQ14T**	**RXQ16T**

Capacity range	18HP	20HP	22HP	24HP	26HP	28HP	30HP	32HP
Model name	**RXQ18TN**	**RXQ20TN**	**RXQ22TN**	**RXQ24TN**	**RXQ26TN**	**RXQ28TN**	**RXQ30TN**	**RXQ32TN**
Outdoor unit 1	RXQ8T	RXQ8T	RXQ8T	RXQ10T	RXQ12T	RXQ14T	RXQ14T	RXQ14T
Outdoor unit 2	RXQ10T	RXQ12T	RXQ14T	RXQ14T	RXQ14T	RXQ14T	RXQ16T	RXQ18T
Outdoor unit 3	–	–	–	–	–	–	–	–

Capacity range	34HP	36HP	38HP	40HP	42HP	44HP	46HP	48HP
Model name	**RXQ34TN**	**RXQ36TN**	**RXQ38TN**	**RXQ40TN**	**RXQ42TN**	**RXQ44TN**	**RXQ46TN**	**RXQ48TN**
Outdoor unit 1	RXQ10T	RXQ12T	RXQ8T	RXQ12T	RXQ12T	RXQ12T	RXQ14T	RXQ14T
Outdoor unit 2	RXQ12T	RXQ12T	RXQ12T	RXQ12T	RXQ14T	RXQ16T	RXQ14T	RXQ16T
Outdoor unit 3	RXQ12T	RXQ12T	RXQ18T	RXQ16T	RXQ16T	RXQ16T	RXQ18T	RXQ18T

Capacity range	50HP	52HP	54HP	56HP	58HP	60HP
Model name	**RXQ50TN**	**RXQ52TN**	**RXQ54TN**	**RXQ56TN**	**RXQ58TN**	**RXQ60TN**
Outdoor unit 1	RXQ14T	RXQ16T	RXQ18T	RXQ18T	RXQ18T	RXQ20T
Outdoor unit 2	RXQ18T	RXQ18T	RXQ18T	RXQ18T	RXQ20T	RXQ20T
Outdoor unit 3	RXQ18T	RXQ18T	RXQ18T	RXQ20T	RXQ20T	RXQ20T

Combination of Outdoor Units (Space Saving Type)

Capacity range	18HP	20HP
Model name	**RXQ18T**	**RXQ20T**

Capacity range	22HP	24HP	26HP	28HP	30HP	32HP	34HP	36HP
Model name	**RXQ22TS**	**RXQ24TS**	**RXQ26TS**	**RXQ28TS**	**RXQ30TS**	**RXQ32TS**	**RXQ34TS**	**RXQ36TS**
Outdoor unit 1	RXQ10T	RXQ12T	RXQ8T	RXQ12T	RXQ12T	RXQ12T	RXQ16T	RXQ18T
Outdoor unit 2	RXQ12T	RXQ12T	RXQ18T	RXQ16T	RXQ18T	RXQ20T	RXQ18T	RXQ18T
Outdoor unit 3	–	–	–	–	–	–	–	–

Capacity range	38HP	40HP	42HP	44HP	46HP	48HP	50HP
Model name	**RXQ38TS**	**RXQ40TS**	**RXQ42TS**	**RXQ44TS**	**RXQ46TS**	**RXQ48TS**	**RXQ50TS**
Outdoor unit 1	RXQ18T	RXQ20T	RXQ12T	RXQ12T	RXQ12T	RXQ12T	RXQ12T
Outdoor unit 2	RXQ20T	RXQ20T	RXQ12T	RXQ12T	RXQ16T	RXQ18T	RXQ18T
Outdoor unit 3	–	–	RXQ18T	RXQ20T	RXQ18T	RXQ18T	RXQ20T

1.3 Air Treatment Equipment

Outdoor-air processing unit

Series	Model name			Power supply
FXMQ	125MF	200MF	250MF	V1

V1: 1 phase, 220-240V, 50Hz

Heat Reclaim Ventilator (VKM series)

Series		Model name			Power supply
Heat Reclaim Ventilator with DX coil	VKM	50GA	80GA	100GA	V1
Heat Reclaim Ventilator with DX coil and humidifier		50GAM	80GAM	100GAM	

Note: For details, refer to Engineering Data ED71-440B.

V1: 1 phase, 220-240V, 50Hz

Heat Reclaim Ventilator (VAM series)

Series		Model name								Power supply
Heat Reclaim Ventilator	VAM	150GJ	250GJ	350GJ	500GJ	650GJ	800GJ	1000GJ	1500GJ	2000GJ	VE

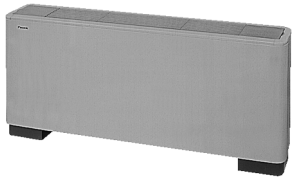
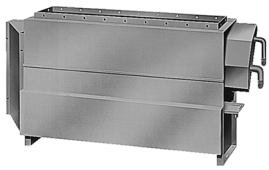
Note: For details, refer to Engineering Data ED71-613.

VE: 1 phase, 220-240/220V, 50/60Hz

2. External Appearance

2.1 Indoor Units

VRV indoor units

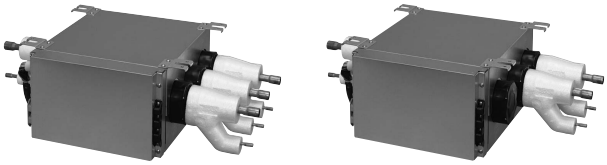
Ceiling mounted cassette (Round flow with sensing) type FXFQ-S 	Ceiling mounted duct type FXMQ-P 
Ceiling mounted cassette (Round flow) type FXFQ-LU 	Ceiling mounted duct type FXMQ-MA 
Ceiling mounted cassette (Compact multi flow) type FXZQ-M 	Ceiling suspended type FXHQ-MA 
4-way flow ceiling suspended type FXUQ-A 	Wall mounted type FXAQ-P
Ceiling mounted cassette (Double flow) type FXCQ-M 	Floor standing type FXLQ-MA 
Ceiling mounted cassette corner type FXKQ-MA 	Concealed floor standing type FXNQ-MA 
Slim ceiling mounted duct type FXDQ-PB FXDQ-NB 	Floor standing duct type FXVQ-M 

Residential indoor units with connection to BP units

Ceiling mounted cassette type FCQ-B 	Slim ceiling mounted duct type (900/1,100 mm width type) FDKS-C(A) 
Ceiling mounted cassette type (Compact multi flow) FFQ-B 	Wall mounted type FTKS-D 
Ceiling mounted built-in type FBQ-B 	Wall mounted type FTKS-B 
Slim ceiling mounted duct type (700 mm width type) FDKS-EA 	Wall mounted type FTKS-F 

BP units

BPMKS967A3 (3 ports)
BPMKS967A2 (2 ports)



2.2 Outdoor Units

High-COP Type

RXQ12 / 14 / 16TH	RXQ18 / 20 / 22 / 24 / 26 / 28 / 30 / 32TH
	

RXQ34TH	RXQ36TH	RXQ38TH
		

RXQ40TH	RXQ42 / 44 / 46 / 48 / 50TH
	

Standard Type

RXQ6 / 8 / 10 / 12T	RXQ14 / 16T	RXQ18 / 20TN
		
RXQ22 / 24 / 26TN	**RXQ28 / 30 / 32TN**	**RXQ34 / 36TN**
		
RXQ38 / 40TN	**RXQ42 / 44TN**	**RXQ46 / 48 / 50 / 52 / 54 / 56 / 58 / 60TN**
		

Space Saving Type

RXQ18 / 20T	RXQ22 / 24TS
	
RXQ26 / 28 / 30 / 32TS	**RXQ34 / 36 / 38 / 40TS**
	
RXQ42 / 44TS	**RXQ46 / 48 / 50TS**
	

2.3 Air Treatment Equipment

Outdoor-air processing unit	Heat Reclaim Ventilator (VKM series)	Heat Reclaim Ventilator (VAM series)
FXMQ-MF 	VKM-GA VKM-GAM  with DX coil (GA) with DX coil and humidifier (GAM)	VAM-GJ 

3. Combination of Outdoor Units

High-COP Type

System capacity		Number of units	Module							Outdoor Unit Multi Connection Piping Kit ★1
kW	HP		6	8	10	12	14	16	18	
32.0	12	2	●●							BHFP22P100
38.4	14	2	●	●						
44.8	16	2		●●						
48.0	18	3	●●●							BHFP22P151
54.4	20	3	●●	●						
60.8	22	3	●	●●						
67.2	24	3		●●●						
72.8	26	3		●●	●					
78.3	28	3		●●		●				
83.9	30	3		●	●	●				
89.4	32	3		●		●●				
95.9	34	3		●		●	●			
102	36	3		●			●●			
107	38	3				●●	●			
114	40	3				●	●●			
120	42	3					●●●			
125	44	3					●●	●		
130	46	3					●	●●		
135	48	3						●●●		
140	50	3						●●	●	

Note: ★1 For multiple connection, the outdoor unit multi connection piping kit (separately sold) is required.

Standard Type

System capacity		Number of units	Module								Outdoor Unit Multi Connection Piping Kit ★1
kW	HP		6	8	10	12	14	16	18	20	
16.0	6	1	●								—
22.4	8	1		●							
28.0	10	1			●						
33.5	12	1				●					
40.0	14	1					●				
45.0	16	1						●			
50.4	18	2		●	●						BHFP22P100
55.9	20	2		●		●					
62.4	22	2		●			●				
68.0	24	2			●		●				
73.5	26	2				●	●				
80.0	28	2					●●				
85.0	30	2					●	●			
90.0	32	2					●		●		
95.0	34	3			●	●●					BHFP22P151
101	36	3				●●●					
106	38	3		●		●			●		
112	40	3				●●		●			
119	42	3				●	●	●			
124	44	3				●		●●			
130	46	3					●●		●		
135	48	3					●	●	●		
140	50	3					●		●●		
145	52	3						●	●●		
150	54	3							●●●		
156	56	3							●●	●	
162	58	3							●	●●	
168	60	3								●●●	

Note: ★1 For multiple connection, the outdoor unit multi connection piping kit (separately sold) is required.

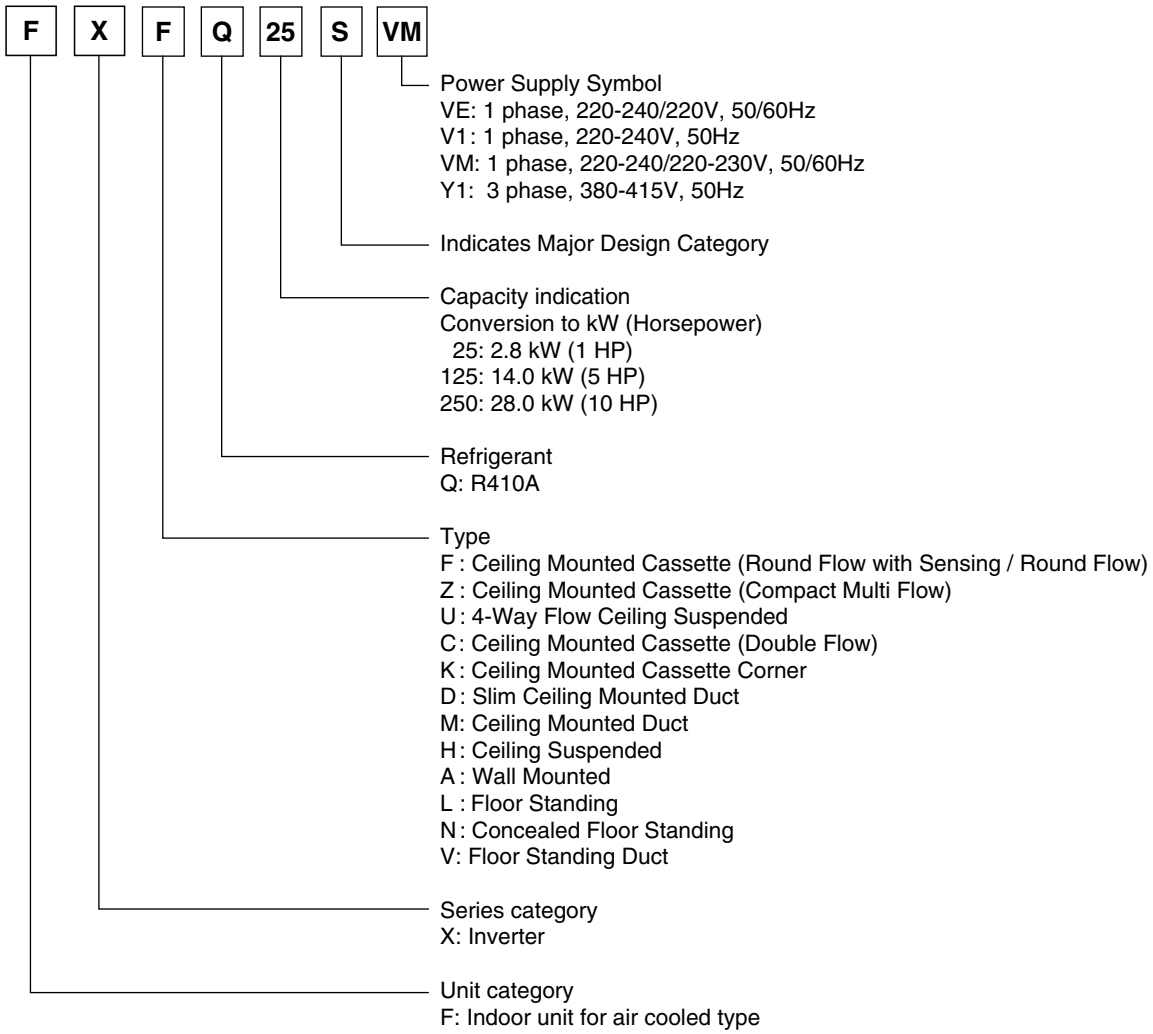
Space Saving Type

System capacity		Number of units	Module							Outdoor Unit Multi Connection Piping Kit ★1
kW	HP		8	10	12	14	16	18	20	
50.0	18	1						●		—
56.0	20	1							●	
61.5	22	2		●	●					BHFP22P100
67.0	24	2			●●					
72.4	26	2	●					●		
78.5	28	2			●		●			
83.5	30	2			●			●		
89.5	32	2			●				●	
95.0	34	2					●	●		
100	36	2						●●		
106	38	2						●	●	
112	40	2							●●	
117	42	3			●●			●		BHFP22P151
123	44	3			●●				●	
129	46	3			●		●	●		
134	48	3			●			●●		
140	50	3			●			●	●	

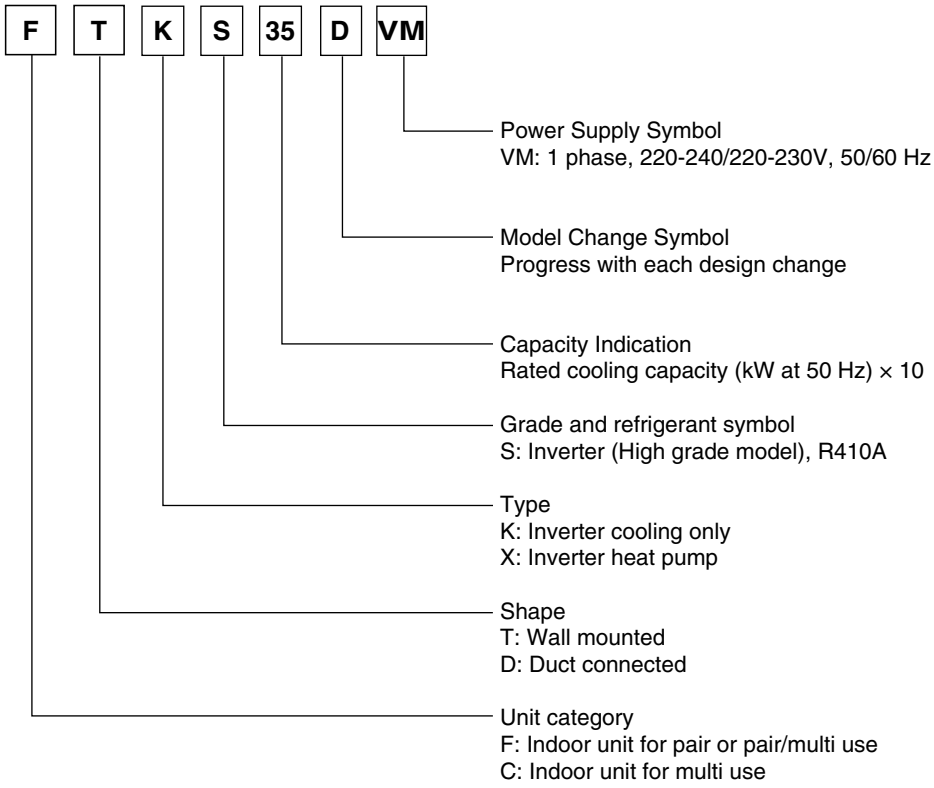
Note: ★1 For multiple connection, the outdoor unit multi connection piping kit (separately sold) is required.

4. Nomenclature

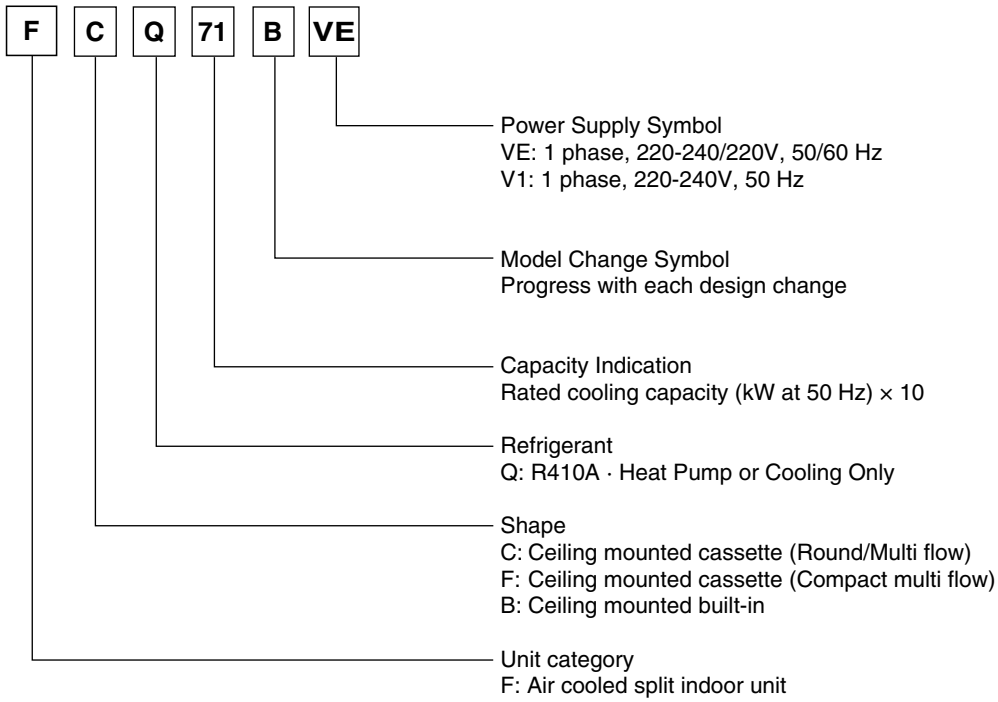
***VRV* Indoor Unit**



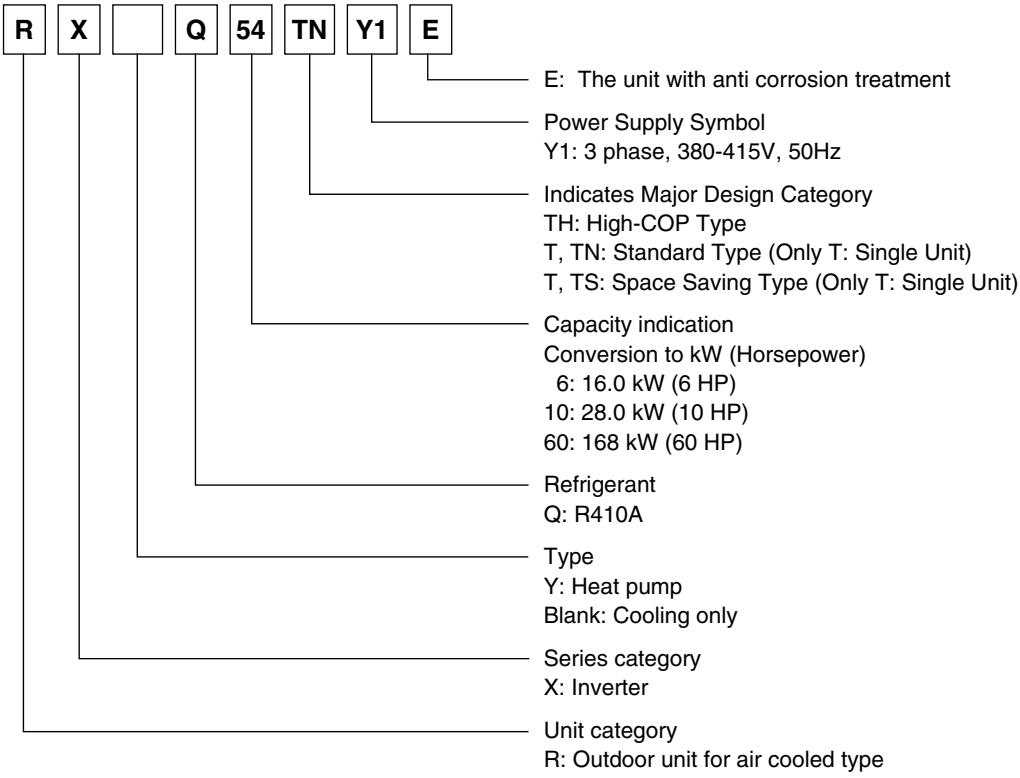
Residential Indoor Unit (SPLIT)



Residential Indoor Unit (SkyAir)

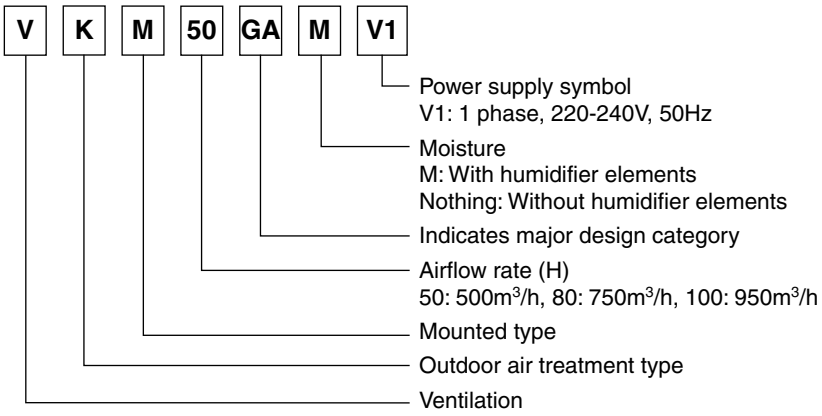


Outdoor Unit

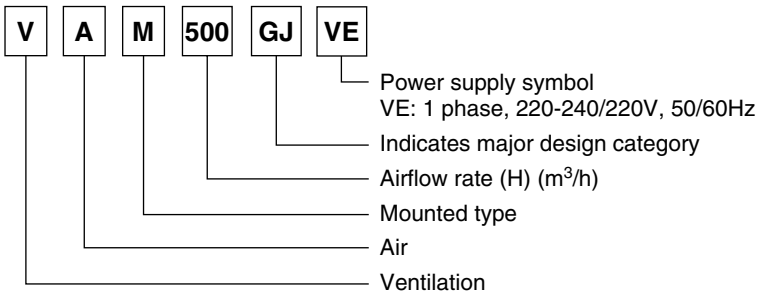


Air Treatment Equipment

Heat Reclaim Ventilator (VKM series)



Heat Reclaim Ventilator (VAM series)



5. Capacity Range

5.1 Capacity Range for *VRV* Indoor Units Only

5.1.1 Combination Ratio

$$\text{Combination ratio} = \frac{\text{Total capacity index of the indoor units}}{\text{Capacity index of the outdoor units}}$$

Type	Min. combination ratio	Max. combination ratio				
		Types of connected indoor units			Type of connected air treatment equipments	
					VKM	FXMQ-MF
		FXDQ, FXMQ-P, FXAQ	Including FXFQ25LU, FXFQ-S and FXVQ at least one unit	Other indoor unit models	When VKM and indoor units are connected	When FXMQ-MF is only connected / When FXMQ-MF and indoor units are connected
Single outdoor units	50%	200%	130%	200%	130%	100% / 100%*
Double outdoor units				160%		
Triple outdoor units				130%		

Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.

* When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.

Note: When outdoor-air processing mode of FXVQ is selected, be sure to connect as follows:

HP	Indoor Unit	Outdoor Unit
		ASEAN
5HP	FXVQ125MY1×1	RXQ6TY1×1
8HP	FXVQ200MY1×1	RXQ8TY1×1
10HP	FXVQ250MY1×1	RXQ10TY1×1
16HP	FXVQ400MY1×1	RXQ16TY1×1
20HP	FXVQ500MY1×1 FXVQ500MY16×1	RXQ20TNY1×1

5.1.2 Outdoor Unit Combinations

High-COP Type

kW	HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit *1	Total capacity index of connectable indoor units *2 *3	Maximum number of connectable indoor units *2
32.0	**12HP**	300	RXQ12TH	RXQ6T × 2	BHFP22P100	150 to 390 (480)	19 (24)
38.4	**14HP**	350	RXQ14TH	RXQ6T + RXQ8T		175 to 455 (560)	22 (28)
44.8	**16HP**	400	RXQ16TH	RXQ8T × 2		200 to 520 (640)	26 (32)
48.0	**18HP**	450	RXQ18TH	RXQ6T × 3	BHFP22P151	225 to 585 (585)	29 (29)
54.4	**20HP**	500	RXQ20TH	RXQ6T × 2 + RXQ8T		250 to 650 (650)	32 (32)
60.8	**22HP**	550	RXQ22TH	RXQ6T + RXQ8T × 2		275 to 715 (715)	35 (35)
67.2	**24HP**	600	RXQ24TH	RXQ8T × 3		300 to 780 (780)	39 (39)
72.8	**26HP**	650	RXQ26TH	RXQ8T × 2 + RXQ10T		325 to 845 (845)	42 (42)
78.3	**28HP**	700	RXQ28TH	RXQ8T × 2 + RXQ12T		350 to 910 (910)	45 (45)
83.9	**30HP**	750	RXQ30TH	RXQ8T + RXQ10T + RXQ12T		375 to 975 (975)	48 (48)
89.4	**32HP**	800	RXQ32TH	RXQ8T + RXQ12T × 2		400 to 1,040 (1,040)	52 (52)
95.9	**34HP**	850	RXQ34TH	RXQ8T + RXQ12T + RXQ14T		425 to 1,105 (1,105)	55 (55)
102	**36HP**	900	RXQ36TH	RXQ8T + RXQ14T × 2		450 to 1,170 (1,170)	58 (58)
107	**38HP**	950	RXQ38TH	RXQ12T × 2 + RXQ14T		475 to 1,235 (1,235)	61 (61)
114	**40HP**	1,000	RXQ40TH	RXQ12T + RXQ14T × 2		500 to 1,300 (1,300)	64 (64)
120	**42HP**	1,050	RXQ42TH	RXQ14T × 3		525 to 1,365 (1,365)	
125	**44HP**	1,100	RXQ44TH	RXQ14T × 2 + RXQ16T		550 to 1,430 (1,430)	
130	**46HP**	1,150	RXQ46TH	RXQ14T + RXQ16T × 2		575 to 1,495 (1,495)	
135	**48HP**	1,200	RXQ48TH	RXQ16T × 3		600 to 1,560 (1,560)	
140	**50HP**	1,250	RXQ50TH	RXQ16T × 2 + RXQ18T		625 to 1,625 (1,625)	

Notes: *1 For multiple connection, the outdoor unit multi connection piping kit (separately sold) is required.

*2 Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units.

*3 When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.

Standard Type

kW	HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit *1	Total capacity index of connectable indoor units *2 *3	Maximum number of connectable indoor units *2
16.0	**6HP**	150	RXQ6T	RXQ6T	—	75 to 195 (300)	9 (15)
22.4	**8HP**	200	RXQ8T	RXQ8T	—	100 to 260 (400)	13 (20)
28.0	**10HP**	250	RXQ10T	RXQ10T	—	125 to 325 (500)	16 (25)
33.5	**12HP**	300	RXQ12T	RXQ12T	—	150 to 390 (600)	19 (30)
40.0	**14HP**	350	RXQ14T	RXQ14T	—	175 to 455 (700)	22 (35)
45.0	**16HP**	400	RXQ16T	RXQ16T	—	200 to 520 (800)	26 (40)
50.4	**18HP**	450	RXQ18TN	RXQ8T + RXQ10T	BHFP22P100	225 to 585 (720)	29 (36)
55.9	**20HP**	500	RXQ20TN	RXQ8T + RXQ12T		250 to 650 (800)	32 (40)
62.4	**22HP**	550	RXQ22TN	RXQ8T + RXQ14T		275 to 715 (880)	35 (44)
68.0	**24HP**	600	RXQ24TN	RXQ10T + RXQ14T		300 to 780 (960)	39 (48)
73.5	**26HP**	650	RXQ26TN	RXQ12T + RXQ14T		325 to 845 (1,040)	42 (52)
80.0	**28HP**	700	RXQ28TN	RXQ14T × 2		350 to 910 (1,120)	45 (56)
85.0	**30HP**	750	RXQ30TN	RXQ14T + RXQ16T		375 to 975 (1,200)	48 (60)
90.0	**32HP**	800	RXQ32TN	RXQ14T + RXQ18T		400 to 1,040 (1,280)	52 (64)
95.0	**34HP**	850	RXQ34TN	RXQ10T + RXQ12T × 2	BHFP22P151	425 to 1,105 (1,105)	55 (55)
101	**36HP**	900	RXQ36TN	RXQ12T × 3		450 to 1,170 (1,170)	58 (58)
106	**38HP**	950	RXQ38TN	RXQ8T + RXQ12T + RXQ18T		475 to 1,235 (1,235)	61 (61)
112	**40HP**	1,000	RXQ40TN	RXQ12T × 2 + RXQ16T		500 to 1,300 (1,300)	64 (64)
119	**42HP**	1,050	RXQ42TN	RXQ12T + RXQ14T + RXQ16T		525 to 1,365 (1,365)	
124	**44HP**	1,100	RXQ44TN	RXQ12T + RXQ16T × 2		550 to 1,430 (1,430)	
130	**46HP**	1,150	RXQ46TN	RXQ14T × 2 + RXQ18T		575 to 1,495 (1,495)	
135	**48HP**	1,200	RXQ48TN	RXQ14T + RXQ16T + RXQ18T		600 to 1,560 (1,560)	
140	**50HP**	1,250	RXQ50TN	RXQ14T + RXQ18T × 2		625 to 1,625 (1,625)	
145	**52HP**	1,300	RXQ52TN	RXQ16T + RXQ18T × 2		650 to 1,690 (1,690)	
150	**54HP**	1,350	RXQ54TN	RXQ18T × 3		675 to 1,755 (1,755)	
156	**56HP**	1,400	RXQ56TN	RXQ18T × 2 + RXQ20T		700 to 1,820 (1,820)	
162	**58HP**	1,450	RXQ58TN	RXQ18T + RXQ20T × 2		725 to 1,885 (1,885)	
168	**60HP**	1,500	RXQ60TN	RXQ20T × 3		750 to 1,950 (1,950)	

Notes: *1 For multiple connection, the outdoor unit multi connection piping kit (separately sold) is required.

*2 Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units.

*3 When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.

Space Saving Type

kW	HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit *1	Total capacity index of connectable indoor units *2 *3	Maximum number of connectable indoor units *2
50.0	**18HP**	450	RXQ18T	RXQ18T	—	225 to 585 (900)	29 (45)
56.0	**20HP**	500	RXQ20T	RXQ20T	—	250 to 650 (1,000)	32 (50)
61.5	**22HP**	550	RXQ22TS	RXQ10T + RXQ12T	BHFP22P100	275 to 715 (880)	35 (44)
67.0	**24HP**	600	RXQ24TS	RXQ12T × 2		300 to 780 (960)	39 (48)
72.4	**26HP**	650	RXQ26TS	RXQ8T + RXQ18T		325 to 845 (1,040)	42 (52)
78.5	**28HP**	700	RXQ28TS	RXQ12T + RXQ16T		350 to 910 (1,120)	45 (56)
83.5	**30HP**	750	RXQ30TS	RXQ12T + RXQ18T		375 to 975 (1,200)	48 (60)
89.5	**32HP**	800	RXQ32TS	RXQ12T + RXQ20T		400 to 1,040 (1,280)	52 (64)
95.0	**34HP**	850	RXQ34TS	RXQ16T + RXQ18T		425 to 1,105 (1,360)	55 (64)
100	**36HP**	900	RXQ36TS	RXQ18T × 2		450 to 1,170 (1,440)	58 (64)
106	**38HP**	950	RXQ38TS	RXQ18T + RXQ20T		475 to 1,235 (1,520)	61 (64)
112	**40HP**	1,000	RXQ40TS	RXQ20T × 2		500 to 1,300 (1,600)	64 (64)
117	**42HP**	1,050	RXQ42TS	RXQ12T × 2 + RXQ18T	BHFP22P151	525 to 1,365 (1,365)	
123	**44HP**	1,100	RXQ44TS	RXQ12T × 2 + RXQ20T		550 to 1,430 (1,430)	
129	**46HP**	1,150	RXQ46TS	RXQ12T + RXQ16T + RXQ18T		575 to 1,495 (1,495)	
134	**48HP**	1,200	RXQ48TS	RXQ12T + RXQ18T × 2		600 to 1,560 (1,560)	
140	**50HP**	1,250	RXQ50TS	RXQ12T + RXQ18T + RXQ20T		625 to 1,625 (1,625)	

Notes: *1 For multiple connection, the outdoor unit multi connection piping kit (separately sold) is required.

*2 Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units.

*3 When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.

5.1.3 Indoor Unit Connection Capacity
High-COP Type

Type	HP	Capacity index	Model name	Types of connected indoor units						
				Min. combination ratio	FXDQ, FXMQ-P, FXAQ		Including FXFQ25LU, FXFQ-S and FXVQ at least one unit		Other indoor unit models	
					Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units
Double outdoor units	12	300	RXQ12TH	50%	200%	30	130%	19	160%	24
	14	350	RXQ14TH			35		22		28
	16	400	RXQ16TH			40		26		32
Triple outdoor units	18	450	RXQ18TH			45		29	130%	29
	20	500	RXQ20TH			50		32		32
	22	550	RXQ22TH			55		35		35
	24	600	RXQ24TH			60		39		39
	26	650	RXQ26TH			64		42		42
	28	700	RXQ28TH					45		45
	30	750	RXQ30TH					48		48
	32	800	RXQ32TH					52		52
	34	850	RXQ34TH					55		55
	36	900	RXQ36TH					58		58
	38	950	RXQ38TH					61		61
	40	1,000	RXQ40TH					64		64
	42	1,050	RXQ42TH							
	44	1,100	RXQ44TH							
	46	1,150	RXQ46TH							
	48	1,200	RXQ48TH							
	50	1,250	RXQ50TH							

Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.

Standard Type

Type	HP	Capacity index	Model name	Types of connected indoor units						
				Min. combination ratio	FXDQ, FXMQ-P, FXAQ		Including FXFQ25LU, FXFQ-S and FXVQ at least one unit		Other indoor unit models	
					Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units
Single outdoor units	6	150	RXQ6T	50%	200%	15	130%	9	200%	15
	8	200	RXQ8T			20		13		20
	10	250	RXQ10T			25		16		25
	12	300	RXQ12T			30		19		30
	14	350	RXQ14T			35		22		35
	16	400	RXQ16T			40		26		40
Double outdoor units	18	450	RXQ18TN			45		29	160%	36
	20	500	RXQ20TN			50		32		40
	22	550	RXQ22TN			55		35		44
	24	600	RXQ24TN			60		39		48
	26	650	RXQ26TN			64		42		52
	28	700	RXQ28TN					45		56
	30	750	RXQ30TN					48		60
	32	800	RXQ32TN					52		64
Triple outdoor units	34	850	RXQ34TN					55	130%	55
	36	900	RXQ36TN					58		58
	38	950	RXQ38TN					61		61
	40	1,000	RXQ40TN					64		64
	42	1,050	RXQ42TN							
	44	1,100	RXQ44TN							
	46	1,150	RXQ46TN							
	48	1,200	RXQ48TN							
	50	1,250	RXQ50TN							
	52	1,300	RXQ52TN							
	54	1,350	RXQ54TN							
	56	1,400	RXQ56TN							
	58	1,450	RXQ58TN							
	60	1,500	RXQ60TN							

Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.

Space Saving Type

Type	HP	Capacity index	Model name	Types of connected indoor units						
				Min. combination ratio	FXDQ, FXMQ-P, FXAQ		Including FXFQ25LU, FXFQ-S and FXVQ at least one unit		Other indoor unit models	
					Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units	Max. combination ratio	Max. number of connectable indoor units
Single outdoor units	18	450	RXQ18T	50%	200%	45	130%	29	200%	45
	20	500	RXQ20T			50		32		50
Double outdoor units	22	550	RXQ22TS			55		35	160%	44
	24	600	RXQ24TS			60		39		48
	26	650	RXQ26TS			64		42		52
	28	700	RXQ28TS					45		56
	30	750	RXQ30TS					48		60
	32	800	RXQ32TS					52		64
	34	850	RXQ34TS					55		
	36	900	RXQ36TS					58		
	38	950	RXQ38TS					61		
	40	1,000	RXQ40TS					64		
Triple outdoor units	42	1,050	RXQ42TS						130%	
	44	1,100	RXQ44TS							
	46	1,150	RXQ46TS							
	48	1,200	RXQ48TS							
	50	1,250	RXQ50TS							

Note: If the operational capacity of indoor units is more than 130%, low airflow operation is enforced in all the indoor units.

5.2 Capacity Range for Mixed Combination of *VRV* and Residential Indoor Units

5.2.1 Combination Ratio

$$\text{Combination ratio} = \frac{\text{Total capacity index of the indoor units}}{\text{Capacity index of the outdoor units}}$$

Type	Min. combination ratio	Max. combination ratio		
		Type of connected indoor units	Type of connected air treatment equipments	
			VKM	FXMQ-MF
		VRV and Residential indoor units *1	When VKM and indoor units are connected	When FXMQ-MF and indoor units are connected
Single outdoor units	50%	130%	130%	100% *2

Notes: *1 Involve the case of Residential indoor units only.
*2 When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.

5.2.2 Outdoor Unit Combinations

Standard Type

kW	HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit	Total capacity index of connectable indoor units *1 *2	Maximum number of connectable indoor units
16.0	**6HP**	150	RXQ6T	RXQ6T	—	75 to 195 (195)	9 (9)
22.4	**8HP**	200	RXQ8T	RXQ8T	—	100 to 260 (260)	13 (13)
28.0	**10HP**	250	RXQ10T	RXQ10T	—	125 to 325 (325)	16 (16)
33.5	**12HP**	300	RXQ12T	RXQ12T	—	150 to 390 (390)	19 (19)
40.0	**14HP**	350	RXQ14T	RXQ14T	—	175 to 455 (455)	22 (22)
45.0	**16HP**	400	RXQ16T	RXQ16T	—	200 to 520 (520)	26 (26)

Notes: *1 Total capacity index of connectable indoor units must be 50% ~ 130% of the capacity index of the outdoor unit.

*2 When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.

Space Saving Type

kW	HP	Capacity index	Model name	Combination	Outdoor unit multi connection piping kit	Total capacity index of connectable indoor units *1 *2	Maximum number of connectable indoor units
50.0	**18HP**	450	RXQ18T	RXQ18T	—	225 to 585 (585)	29 (29)
56.0	**20HP**	500	RXQ20T	RXQ20T	—	250 to 650 (650)	32 (32)

Notes: *1 Total capacity index of connectable indoor units must be 50% ~ 130% of the capacity index of the outdoor unit.

*2 When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.

5.2.3 Indoor Unit Connection Capacity

Standard Type

Type	HP	Capacity index	Model name	Types of connected indoor units		
				Min. combination ratio	Max. combination ratio	Max. number of connectable indoor units
Single outdoor units	6	150	RXQ6T	50%	130%	9
	8	200	RXQ8T			13
	10	250	RXQ10T			16
	12	300	RXQ12T			19
	14	350	RXQ14T			22
	16	400	RXQ16T			26

Note: Total capacity index of connectable indoor units must be 50% ~ 130% of the capacity index of the outdoor unit.

Space Saving Type

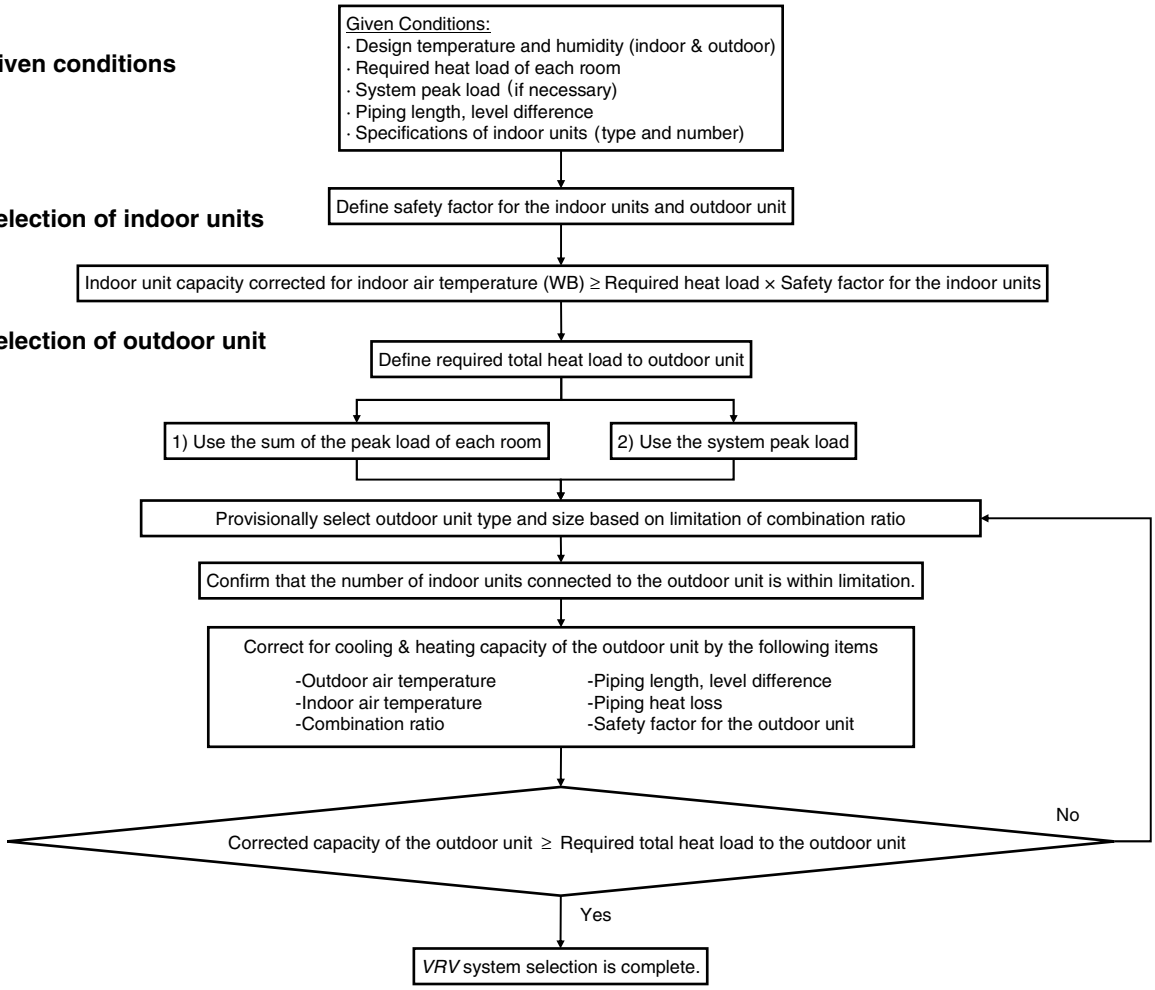
Type	HP	Capacity index	Model name	Types of connected indoor units		
				Min. combination ratio	Max. combination ratio	Max. number of connectable indoor units
Single outdoor units	18	450	RXQ18T	50%	130%	29
	20	500	RXQ20T			32

Note: Total capacity index of connectable indoor units must be 50% ~ 130% of the capacity index of the outdoor unit.

6. Selection Procedure

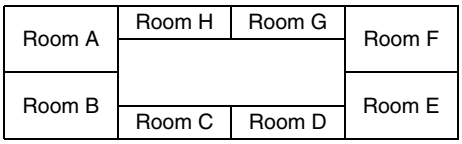
6.1 Selection Procedure for *VRV* Indoor Units Only

6.1.1 Flowchart



6.1.2 Selection Example

The following is a selection example based on total heat load for cooling.



Floor plan

[1] Given conditions

-Design conditions

Indoor air temperature: 18°CWB / 25°CDB, Outdoor air temperature: 33°CDB

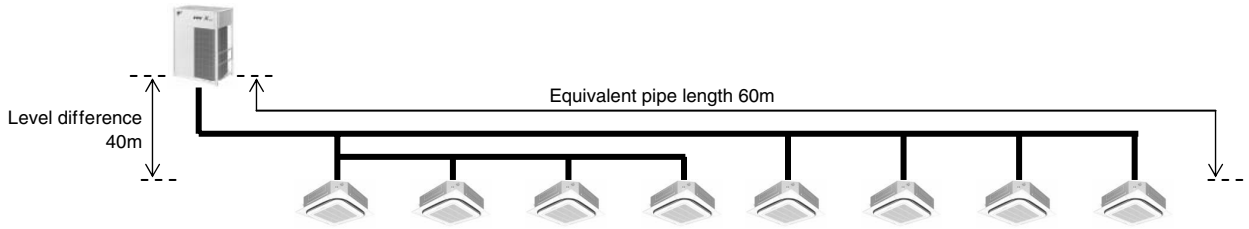
-Determine peak load of each room (and system peak load if necessary)

-Required heat load of each room

Time	Room A	Room B	Room C	Room D	Room E	Room F	Room G	Room H	Total
9:00	4.8	4.8	3.0	3.0	**9.1**	**9.0**	2.9	2.9	39.5
12:00	6.6	7.1	**5.1**	**5.1**	7.4	6.8	4.0	4.0	46.1
14:00	9.0	9.4	4.9	4.9	7.3	6.8	**4.2**	**4.2**	**50.7**
16:00	**10.6**	**10.7**	3.9	3.9	6.3	6.2	3.8	3.8	49.2

Total heat load (kW)

From the above heat load calculation, the maximum heat load for the system (system peak load) is 50.7kW.



Select *VRV* indoor units FXFQ-LU series for each room.

-Safety factor
In this example, safety factor is not used. (i. e., safety factor = 1.0)

[2] Selection of indoor units

Calculate total heat capacity of indoor units corrected for indoor air temperature.
In case design temperature of the indoor air falls between temperatures listed in the table, calculate the capacity by interpolation.
The corrected total heat capacity of indoor units shall satisfy the maximum heat load of each room.

Capacity table of indoor unit

Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXFQ-LU	25	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	2.8	2.8	2.9	2.7	3.0	2.6
	32	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.6	3.1	3.7	3.1	3.8	3.0
	40	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.6	3.7	4.7	3.6	4.8	3.5
	50	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	5.7	4.4	5.8	4.2	5.9	4.1
	63	4.8	4.3	5.7	4.9	6.6	5.5	7.1	5.6	7.2	5.5	7.4	5.4	7.5	5.2
	80	6.1	5.1	7.2	5.8	8.4	6.5	9.0	6.6	9.1	6.6	9.3	6.4	9.5	6.2
	100	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.3	8.8	11.6	8.5	11.9	8.3
	125	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.2	10.2	14.5	9.9	14.9	9.6

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Selection results of indoor units

	Room A	Room B	Room C	Room D	Room E	Room F	Room G	Room H
Max. heat load (kW)	10.6	10.7	5.1	5.1	9.1	9.0	4.2	4.2
Selected IDU	FXFQ125LUV1	FXFQ125LUV1	FXFQ50LUV1	FXFQ50LUV1	FXFQ100LUV1	FXFQ100LUV1	FXFQ40LUV1	FXFQ40LUV1
Corrected TC (kW)	13.1	13.1	5.2	5.2	10.5	10.5	4.2	4.2

*In case of selection based on Total Heat Load and Sensible Heat Load, select indoor units which satisfy not only the Total Heat Load but also the Sensible Heat Load of each room. The sensible heat capacity of indoor units is to be corrected for indoor air temperature. If the design temperature of indoor air falls between temperatures listed in table, calculate sensible heat capacity by using the bypass factor calculated by interpolation for each indoor air temperature.

[3] Selection of outdoor unit

[3] –1 Define the required total heat load from the indoor units to the outdoor unit

Define the required total heat load (A) based on (1) the sum of the peak load of each room or (2) the system peak load.
In this example, select an outdoor unit by (2).
Therefore, (A) = 50.7 kW

[3] –2 Provisionally select outdoor unit

(1) Calculate CI (Capacity Index) of the selected indoor units.

CI of *VRV* indoor units

CI of FXFQ125LUV1 = 125
CI of FXFQ100LUV1 = 100
CI of FXFQ50LUV1 = 50
CI of FXFQ40LUV1 = 40

***VRV* Indoor Units**

Capacity range		2.2kW 0.8HP	2.8kW 1HP	3.6kW 1.25HP	4.5kW 1.6HP	5.6kW 2HP	7.1kW 2.5HP	8.0kW 3HP	9.0kW 3.2HP	11.2kW 4HP	14.0kW 5HP	16.0kW 6HP	22.4kW 8HP	28.0kW 10HP	45.0kW 16HP	56.0kW 20HP	Power supply, Standard
Capacity index		20	25	31.25	40	50	62.5	71	80	100	125	140	200	250	400	500	
Ceiling Mounted Cassette (Round Flow) Type	FXFQ	—	25LU	32LU	40LU	50LU	63LU	—	80LU	100LU	125LU	—	—	—	—	—	V1

Calculate the total CI of the indoor units.
Total CI = 125×2 + 50×2 + 100×2 + 40×2 = 630

(2) Provisionally select an outdoor unit based on the total CI of the indoor units

The combination ratio of RXQ-T shall be between 50% and 130%.
As the total CI of the indoor units is 630, outdoor units from 20HP to 50HP are connectable. Start from 20HP which is the smallest outdoor unit.

Space Saving Type

kW	HP	Capacity index	Model name	Total capacity index of connectable indoor units	Maximum number of connectable indoor units
50.0	**18HP**	450	RXQ18T	225 to 585 (900)	29 (45)
56.0	**20HP**	500	RXQ20T	250 to 650 (1,000)	32 (50)
61.5	**22HP**	550	RXQ22TS	275 to 715 (880)	35 (44)
67.0	**24HP**	600	RXQ24TS	300 to 780 (960)	39 (48)
72.4	**26HP**	650	RXQ26TS	325 to 845 (1,040)	42 (52)
78.5	**28HP**	700	RXQ28TS	350 to 910 (1,120)	45 (56)
83.5	**30HP**	750	RXQ30TS	375 to 975 (1,200)	48 (60)
89.5	**32HP**	800	RXQ32TS	400 to 1,040 (1,280)	52 (64)
95.0	**34HP**	850	RXQ34TS	425 to 1,105 (1,360)	55 (64)
100	**36HP**	900	RXQ36TS	450 to 1,170 (1,440)	58 (64)
106	**38HP**	950	RXQ38TS	475 to 1,235 (1,520)	61 (64)
112	**40HP**	1,000	RXQ40TS	500 to 1,300 (1,600)	64 (64)
117	**42HP**	1,050	RXQ42TS	525 to 1,365 (1,365)	
123	**44HP**	1,100	RXQ44TS	550 to 1,430 (1,430)	
129	**46HP**	1,150	RXQ46TS	575 to 1,495 (1,495)	
134	**48HP**	1,200	RXQ48TS	600 to 1,560 (1,560)	
140	**50HP**	1,250	RXQ50TS	625 to 1,625 (1,625)	

(3) Confirm that the number of the connected indoor units is within the limitation.

The number of the connected indoor units = 8
The Max. number of connectable indoor units of 20HP outdoor unit = 32

[3] –3 Calculate the corrected capacity of the outdoor unit.

-Calculate the combination ratio of the system.
Total CI = 630, CI of RXQ20TY1 = 500
Combination ratio = 630 / 500 = 126%

-Using the capacity table of the outdoor unit, calculate the capacity (B) corrected for Outdoor air temperature, Indoor air temperature, and Combination ratio.

∗ In case the outdoor air temperature, the indoor air temperature, or the combination ratio falls between temperatures listed in the table, calculate the capacity by interpolation.

Connection ratio	120%	126%	130%
Cooling capacity	58.2	(B)	59.2

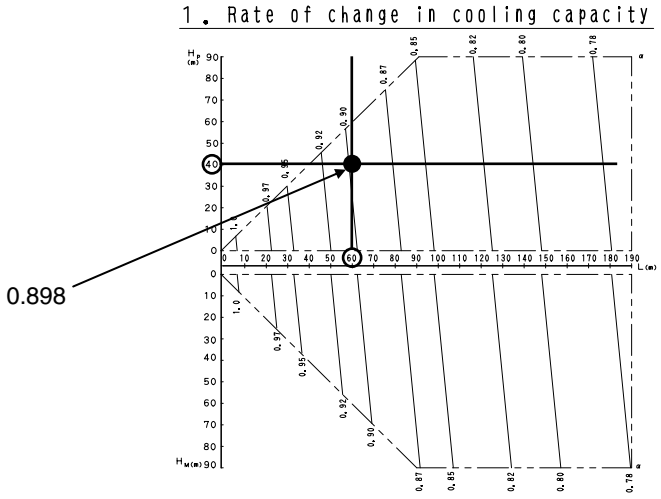
(B) = 58.2 + (59.2 – 58.2) × (126 – 120) / (130 – 120)
= 58.8

RXQ20TY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	10	49.1	8.28	58.6	10.1	68.1	12.1	70.5	12.3	71.4	12.1	73.2	11.6	75.0	11.0
	12	49.1	8.44	58.6	10.3	68.1	12.3	69.6	12.3	70.5	12.0	72.3	11.5	74.0	11.3
	14	49.1	8.59	58.6	10.5	67.8	12.4	68.7	12.2	69.6	11.9	71.4	11.8	73.1	11.9
	16	49.1	8.76	58.6	10.7	66.9	12.4	67.8	12.3	68.7	12.4	70.5	12.5	72.2	12.6
	18	49.1	8.93	58.6	10.9	66.0	12.9	66.9	12.9	67.8	13.0	69.5	13.1	71.3	13.2
	20	49.1	9.11	58.6	11.7	65.1	13.5	66.0	13.6	66.9	13.6	68.6	13.8	70.4	13.9
	21	49.1	9.37	58.6	12.1	64.6	13.8	65.5	13.9	66.4	13.9	68.2	14.1	69.9	14.2
130% (650)	23	49.1	10.0	58.6	12.9	63.7	14.4	64.6	14.5	65.5	14.6	67.3	14.7	69.0	14.9
	25	49.1	10.7	58.6	13.9	62.8	15.1	63.7	15.1	64.6	15.2	66.4	15.4	68.1	15.5
	27	49.1	11.5	58.6	14.8	61.9	15.7	62.8	15.8	63.7	15.9	65.4	16.0	67.2	16.2
	29	49.1	12.2	58.6	15.9	61.0	16.3	61.9	16.4	62.8	16.5	64.5	16.7	66.3	16.9
	31	49.1	13.0	58.3	16.8	60.1	17.0	61.0	17.1	61.9	17.2	63.6	17.3	65.4	17.5
	33	49.1	13.9	57.4	17.4	59.2	17.6	60.1	17.7	60.9	17.8	62.7	18.0	64.5	18.2
	35	49.1	14.8	56.5	18.0	58.3	18.3	59.1	18.4	60.0	18.5	61.8	18.7	63.6	18.9
	37	49.1	15.8	55.6	18.7	57.3	18.9	58.2	19.0	59.1	19.1	60.9	19.3	62.7	19.6
	39	49.1	16.8	54.7	19.3	56.4	19.6	57.3	19.7	58.2	19.8	60.0	20.0	61.8	20.2
	10	45.3	7.57	54.1	9.24	62.8	11.0	67.2	11.9	70.3	12.4	71.9	11.9	73.6	11.4
	12	45.3	7.71	54.1	9.42	62.8	11.2	67.2	12.1	69.4	12.3	71.0	11.8	72.7	11.4
	14	45.3	7.85	54.1	9.60	62.8	11.4	67.2	12.3	68.5	12.3	70.1	11.8	71.7	11.9
	16	45.3	8.00	54.1	9.78	62.8	11.6	66.7	12.4	67.6	12.3	69.2	12.4	70.8	12.5
	18	45.3	8.15	54.1	9.98	62.8	12.0	65.8	12.8	66.7	12.9	68.3	13.0	69.9	13.1
	20	45.3	8.31	54.1	10.4	62.8	12.9	64.9	13.5	65.7	13.5	67.4	13.7	69.0	13.8
	21	45.3	8.40	54.1	10.7	62.8	13.4	64.5	13.8	65.3	13.9	66.9	14.0	68.6	14.1
	23	45.3	8.97	54.1	11.5	62.7	14.3	63.6	14.4	64.4	14.5	66.0	14.6	67.7	14.8
120% (600)	25	45.3	9.58	54.1	12.3	61.8	15.0	62.6	15.0	63.5	15.1	65.1	15.3	66.7	15.4
	27	45.3	10.2	54.1	13.2	60.9	15.6	61.7	15.7	62.6	15.8	64.2	15.9	65.8	16.1
	29	45.3	10.9	54.1	14.1	60.0	16.2	60.8	16.3	61.6	16.4	63.3	16.6	64.9	16.7
	31	45.3	11.6	54.1	15.0	59.1	16.9	59.9	17.0	60.7	17.0	62.4	17.2	64.0	17.4
	33	45.3	12.4	54.1	16.0	58.2	17.5	59.0	17.6	59.8	17.7	61.5	17.9	63.1	18.0
	35	45.3	13.2	54.1	17.1	57.3	18.1	58.1	18.2	58.9	18.3	60.6	18.5	62.2	18.7
	37	45.3	14.0	54.1	18.2	56.4	18.8	57.2	18.9	58.0	19.0	59.6	19.2	61.3	19.4
	39	45.3	14.9	53.8	19.2	55.5	19.4	56.3	19.5	57.1	19.6	58.7	19.9	60.4	20.1

-Confirm capacity correction factor by piping length and level difference (K1)

(K1) = 0.898



-Calculate capacity correction factor by piping heat loss (K2)
(K2) = 1 + (heat loss factor per meter of piping × (equivalent piping length – 7.5m)) / 100

In cooling mode, heat loss factor per meter at 33°C is calculated as below.
Heat loss factor per meter = 0.022 + (0.030 – 0.022) × (33 – 30) / (35 – 30) = 0.0268

Using "Equivalent piping length = 60m" and "Heat loss factor per meter = 0.0268",
(K2) = 1 + (0.0268 × (60 – 7.5)) / 100 = 1.014

Cooling	Ambient temperature							
Heat loss factor per meter of piping (%)	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C
	0.000	0.000	0.004	0.009	0.014	0.022	0.030	0.038

-Calculate the corrected capacity of RXQ20TY1(C) by using (K1) and (K2).
Corrected capacity of RXQ20TY1 (C) = (B) × (K1) / (K2)
58.8 × 0.898 / 1.014 = 52.1 (kW)

If the corrected capacity (C) is the same or greater than the required total heat load (A), selection is complete.
If (C) < (A), return to Procedure [3]–2 and provisionally select a larger outdoor unit.

In this example, 52.1kW (C) ≥ 50.7kW (A), so selection is complete.

6.2 Selection Procedure for Mixed Combination of *VRV* and Residential Indoor Units

6.2.1 Flowchart

For the selection of residential indoor units, the following procedures shall be added to the standard selection of *VRV* indoor units.
-Correct the capacity of *VRV* indoor units for “Evaporating temperature (Te: 9ºC)”.
-Correct the capacity of Residential indoor units for “Indoor air temperature”.
-Use Correction factor to calculate the capacity of outdoor units.

6.2.2 Selection Example

The following is a selection example based on total heat load for cooling.

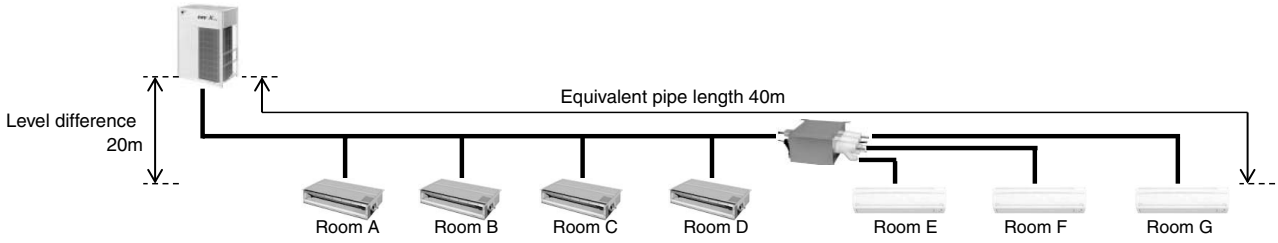
[1] Given conditions
-Design conditions
Indoor air temperature: 18°CWB / 25°CDB, Outdoor air temperature: 33°CDB

-Determine the peak load of each room (and the system peak load if necessary)

Table of the required heat load of each room

Room A	Room B	Room C	Room D	Room E	Room F	Room G	Total
3.5	4.7	4.5	5.0	4.0	3.7	4.8	30.2

Total heat load (kW)



VRV indoor units (ducted) for Room A, B, C, D, and Residential indoor units (wall mounted) for Room E, F, G.

-Safety factor
In this example, safety factor is not used. (i. e., safety factor = 1.0)

[2] Selection of indoor units
■ For *VRV* indoor unit selection (Room A, B, C, D)
In case of mixed selection of *VRV* indoor units and Residential indoor units,
correct the capacity of *VRV* indoor units for “Indoor air temperature” and “Evaporating temperature (Te: 9ºC)”.
In case design temperature of the indoor air falls between temperatures listed in the table, calculate the capacity by interpolation.

-Capacity table of *VRV* indoor units
Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXDQ-PB	20	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.2	1.8	2.3	1.6	2.3	1.7
	25	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	2.8	2.1	2.9	2.0	3.0	1.9
	32	2.4	1.9	2.9	2.2	3.4	2.4	3.6	2.6	3.6	2.4	3.7	2.4	3.8	2.4
FXDQ-NB	40	3.0	2.5	3.6	2.8	4.2	3.2	4.5	3.3	4.6	3.1	4.7	3.0	4.8	3.1
	50	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	5.7	3.9	5.8	3.8	5.9	3.5
	63	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.2	4.6	7.4	4.6	7.5	4.6

TC: Total Capacity
SHC: Sensible Heat Capacity (kW)

-Correction factors in case Te: 9ºC

FXDQ-PB, -NB

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXDQ20PBVE FXDQ20PBVET	TC	0.685	0.694	0.755	0.778	0.802	0.833	0.855
	SHF	1.124	1.176	1.118	1.094	1.074	1.053	1.048
FXDQ25PBVE FXDQ25PBVET	TC	0.685	0.694	0.755	0.778	0.802	0.833	0.855
	SHF	1.124	1.176	1.118	1.094	1.074	1.053	1.048
FXDQ32PBVE FXDQ32PBVET	TC	0.688	0.703	0.754	0.770	0.788	0.818	0.840
	SHF	1.130	1.171	1.122	1.101	1.083	1.065	1.055
FXDQ40NBVE FXDQ40NBVET	TC	0.677	0.699	0.758	0.780	0.798	0.826	0.857
	SHF	1.155	1.169	1.113	1.090	1.074	1.062	1.043
FXDQ50NBVE FXDQ50NBVET	TC	0.680	0.698	0.758	0.781	0.799	0.830	0.857
	SHF	1.143	1.169	1.113	1.090	1.073	1.063	1.047
FXDQ63NBVE FXDQ63NBVET	TC	0.673	0.708	0.767	0.793	0.812	0.839	0.862
	SHF	1.153	1.158	1.106	1.083	1.069	1.059	1.046

-How to correct the capacity in case indoor air temperature equals to 18ºCWB.

Model: FXDQ20PB TC = 2.1kW

Using “correction factor for TC = 0.755”, TC = 2.1kW × 0.755 = 1.6kW

In order to calculate the corrected SHC, use correction factor of SHF = 1.118.
SHC = 1.8kW, SHF = SHC / TC = 0.857
SHF (at Te: 9ºC) = 0.857 × 1.118 = 0.958,
SHC (at Te: 9ºC) = 1.6kW × 0.958 =1.5kW

Table of TC corrected for indoor air temp. (18ºCWB)

	18°CWB (kW)	Correction factor	Corrected capacity (kW)
FXDQ20PB	2.1	0.755	1.6
FXDQ25PB	2.6	0.755	2.0
FXDQ32PB	3.4	0.754	2.6
FXDQ40NB	4.2	0.758	3.2
FXDQ50NB	5.2	0.758	3.9
FXDQ63NB	6.6	0.767	5.1

■ For residential indoor unit selection (Room E, F, G)

Correct the capacity of residential indoor units for indoor air temperature.

In case design temperature of the indoor air falls between temperatures listed in the table, calculate the capacity by interpolation.

-Capacity table of residential indoor units

Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FTKS-DVM	25	1.5	1.4	1.8	1.7	2.3	1.9	2.5	2.0	2.7	2.1	2.9	1.9	3.1	1.9
	35	2.0	1.9	2.5	2.3	3.2	2.6	3.5	2.7	3.8	2.8	4.0	2.6	4.3	2.7
FTKS-FVM	50	2.9	2.9	3.6	3.4	4.5	3.9	5.0	4.0	5.4	4.1	5.8	3.7	6.1	3.9
	60	3.5	3.4	4.3	4.0	5.4	4.7	6.0	4.8	6.5	4.9	6.9	4.5	7.3	4.6
	71	4.1	3.9	5.0	4.5	6.4	5.3	7.1	5.5	7.7	5.6	8.2	5.3	8.7	5.5

TC: Total Capacity
SHC: Sensible Heat Capacity (kW)

-The corrected total heat capacity of both *VRV* and Residential indoor units shall satisfy the maximum heat load of each room.

Selection result of the indoor units

	Room A	Room B	Room C	Room D	Room E	Room F	Room G
Max. heat load (kW)	3.5	4.7	4.5	5.0	4.0	3.7	4.8
Selected IDU	FXDQ50NBVE	FXDQ63NBVE	FXDQ63NBVE	FXDQ63NBVE	FTKS50FVM	FTKS50FVM	FTKS60FVM
Corrected TC (kW)	3.9	5.1	5.1	5.1	4.5	4.5	5.4

[3] Selection of outdoor unit

[3] –1 Define the required total heat load from the indoor units to the outdoor unit

Define the required total heat load (A) based on either (1) the sum of the peak load of each room or (2) the system peak load.

In this example, select an outdoor unit based on (1).

Therefore, (A) = 30.2 kW

[3] –2 Provisionally select outdoor unit

(1) Calculate CI (Capacity Index) of the selected indoor units.

CI of *VRV* indoor units

CI of FXDQ50NBVE = 50

CI of FXDQ63NBVE = 62.5

CI of Residential indoor units

CI of FTKS50FVM = 50

CI of FTKS60FVM = 60

Calculate the total CI of the indoor units.

Total CI = 50 × 1 + 62.5 × 3 + 50 × 2 + 60 × 1 = 397.5

***VRV* Indoor Units**

Capacity range		2.2kW 0.8HP	2.8kW 1HP	3.6kW 1.25HP	4.5kW 1.6HP	5.6kW 2HP	7.1kW 2.5HP	8.0kW 3HP	9.0kW 3.2HP	11.2kW 4HP	14.0kW 5HP	16.0kW 6HP	22.4kW 8HP	28.0kW 10HP	45.0kW 16HP	56.0kW 20HP	Power supply, Standard
Capacity index		20	25	31.25	40	50	62.5	71	80	100	125	140	200	250	400	500	
Slim Ceiling Mounted Duct Type	FXDQ-NBVE	—	—	—	40NB	50NB	63NB	—	—	—	—	—	—	—	—	—	VE

Residential Indoor Units with Connection to BP Units

Capacity range		2.5kW	3.5kW	5.0kW	6.0kW	7.1kW	Power supply, Standard
Capacity index		25	35	50	60	71	
Wall Mounted Type	FTKS	25D	35D	—	—	—	VM
		—	—	50B	—	—	VMA
		—	—	50F	60F	71F	VM

(2) Provisionally select an outdoor unit based on the total CI of the indoor units

As the total CI of the indoor units is 397.5, outdoor units from 14HP to 20HP are connectable.

Start from 14HP which is the smallest.

(3) Confirm that the number of the connected indoor units is within the limitation.

The number of the connected indoor units = 7

The Max. number of connectable indoor units of 14HP outdoor unit = 22

HP	Capacity index	Model name	Total capacity index of connectable indoor units	Maximum number of connectable indoor units
6HP	150	RXQ6T	75 to 195 (195)	9 (9)
8HP	200	RXQ8T	100 to 260 (260)	13 (13)
10HP	250	RXQ10T	125 to 325 (325)	16 (16)
12HP	300	RXQ12T	150 to 390 (390)	19 (19)
14HP	350	RXQ14T	175 to 455 (455)	22 (22)
16HP	400	RXQ16T	200 to 520 (520)	26 (26)
18HP	450	RXQ18T	225 to 585 (585)	29 (29)
20HP	500	RXQ20T	250 to 650 (650)	32 (32)

[3] –3 Calculate the corrected capacity of the outdoor unit.

-Calculate the correction factor of the outdoor unit

Correction factor of outdoor unit =

$$\frac{\Sigma\,(\textit{VRV}\text{ indoor unit capacity index} \times \text{Correction factor for Te: 9ºC for each indoor unit at rated condition}) \times 1.12 + \Sigma\,(\text{Residential indoor unit capacity index})}{\Sigma\,(\textit{VRV}\text{ indoor unit capacity index}) + \Sigma\,(\text{Residential indoor unit capacity index})}$$

FXDQ-PB, -NB Correction factor for Te: 9ºC

		VRV (Te: 9°C)						
		14°CWB 20°CDB	16°CWB 23°CDB	18°CWB 26°CDB	19°CWB 27°CDB	20°CWB 28°CDB	22°CWB 30°CDB	24°CWB 32°CDB
FXDQ20PBVE FXDQ20PBVET	TC	0.685	0.694	0.755	0.778	0.802	0.833	0.855
	SHF	1.124	1.176	1.118	1.094	1.074	1.053	1.048
FXDQ25PBVE FXDQ25PBVET	TC	0.685	0.694	0.755	0.778	0.802	0.833	0.855
	SHF	1.124	1.176	1.118	1.094	1.074	1.053	1.048
FXDQ32PBVE FXDQ32PBVET	TC	0.688	0.703	0.754	0.770	0.788	0.818	0.840
	SHF	1.130	1.171	1.122	1.101	1.083	1.065	1.055
FXDQ40NBVE FXDQ40NBVET	TC	0.677	0.699	0.758	0.780	0.798	0.826	0.857
	SHF	1.155	1.169	1.113	1.090	1.074	1.062	1.043
FXDQ50NBVE FXDQ50NBVET	TC	0.680	0.698	0.758	0.781	0.799	0.830	0.857
	SHF	1.143	1.169	1.113	1.090	1.073	1.063	1.047
FXDQ63NBVE FXDQ63NBVET	TC	0.673	0.708	0.767	0.793	0.812	0.839	0.862
	SHF	1.153	1.158	1.106	1.083	1.069	1.059	1.046

$$\text{Correction factor of outdoor unit} = \frac{(50 \times 0.781 \times 1 + 62.5 \times 0.793 \times 3) \times 1.12 + (50 \times 2 + 60 \times 1)}{(50 \times 1 + 62.5 \times 3) + (50 \times 2 + 60 \times 1)} = 0.93$$

-Calculate the combination ratio of the system.

Total CI = 397.5, CI of RXQ14TY1 = 350

Combination ratio = 397.5 / 350 = 114%

[3] –3 Calculate the corrected capacity of the outdoor unit.

Using the capacity table of the outdoor unit, calculate the capacity (B) corrected for “Outdoor air temperature”, “Indoor air temperature”, “Combination ratio”, and “Correction factor for outdoor units”.

RXQ14TY1 Cooling capacity (Capacity correction factor: 0.95) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (˚CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	˚CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120% (420)	10	23.3	2.94	29.1	3.71	36.9	4.84	40.7	5.42	44.5	6.02	50.4	6.80	51.8	6.50
	12	23.3	2.99	29.1	3.78	36.9	4.93	40.7	5.53	44.5	6.13	49.7	6.77	51.1	6.46
	14	23.3	3.04	29.1	3.85	36.9	5.03	40.7	5.63	44.5	6.25	49.1	6.73	50.5	6.51
	16	23.3	3.10	29.1	3.92	36.9	5.12	40.7	5.74	44.5	6.37	48.4	6.79	49.8	6.86
	18	23.3	3.15	29.1	3.99	36.9	5.23	40.7	5.86	44.5	6.57	47.8	7.14	49.2	7.22
	20	23.3	3.21	29.1	4.07	36.9	5.36	40.7	6.18	44.5	7.07	47.1	7.49	48.5	7.57
	21	23.3	3.24	29.1	4.11	36.9	5.55	40.7	6.40	44.5	7.32	46.8	7.66	48.2	7.75
	23	23.3	3.30	29.1	4.29	36.9	5.95	40.7	6.86	44.5	7.85	46.2	8.01	47.5	8.10
	25	23.3	3.45	29.1	4.58	36.9	6.36	40.7	7.35	44.1	8.27	45.5	8.37	46.9	8.46
	27	23.3	3.67	29.1	4.88	36.9	6.80	40.7	7.86	43.4	8.62	44.9	8.72	46.2	8.82
	29	23.3	3.90	29.1	5.20	36.9	7.26	40.7	8.40	42.8	8.96	44.2	9.07	45.6	9.18
	31	23.3	4.15	29.1	5.54	36.9	7.74	40.7	8.97	42.1	9.31	43.6	9.43	44.9	9.54
	33	23.3	4.41	29.1	5.89	36.9	8.26	40.7	9.57	41.5	9.67	42.9	9.79	44.3	9.90
	35	23.3	4.68	29.1	6.27	36.9	8.80	40.1	9.95	40.8	10.0	42.3	10.1	43.6	10.3
	37	23.3	4.96	29.1	6.66	36.9	9.37	39.5	10.3	40.2	10.4	41.6	10.5	43.0	10.6
	39	23.3	5.26	29.1	7.08	36.9	9.98	38.8	10.7	39.5	10.7	41.0	10.9	42.3	11.0
110% (385)	10	21.4	2.70	26.7	3.38	33.8	4.39	37.3	4.91	40.8	5.44	47.8	6.53	50.8	6.70
	12	21.4	2.74	26.7	3.44	33.8	4.47	37.3	5.00	40.8	5.54	47.8	6.65	50.2	6.67
	14	21.4	2.78	26.7	3.50	33.8	4.55	37.3	5.09	40.8	5.65	47.8	6.78	49.5	6.63
	16	21.4	2.83	26.7	3.57	33.8	4.64	37.3	5.19	40.8	5.76	47.6	6.88	48.9	6.82
	18	21.4	2.88	26.7	3.63	33.8	4.73	37.3	5.29	40.8	5.88	47.0	7.10	48.2	7.17
	20	21.4	2.93	26.7	3.70	33.8	4.82	37.3	5.45	40.8	6.21	46.3	7.44	47.6	7.52
	21	21.4	2.96	26.7	3.74	33.8	4.91	37.3	5.64	40.8	6.43	46.0	7.62	47.3	7.69
	23	21.4	3.01	26.7	3.83	33.8	5.26	37.3	6.05	40.8	6.89	45.4	7.96	46.6	8.04
	25	21.4	3.11	26.7	4.08	33.8	5.62	37.3	6.47	40.8	7.38	44.7	8.31	46.0	8.40
	27	21.4	3.30	26.7	4.35	33.8	6.00	37.3	6.91	40.8	7.89	44.1	8.66	45.3	8.75
	29	21.4	3.51	26.7	4.63	33.8	6.40	37.3	7.38	40.8	8.43	43.4	9.01	44.7	9.11
	31	21.4	3.73	26.7	4.93	33.8	6.83	37.3	7.88	40.8	9.01	42.8	9.36	44.0	9.46
	33	21.4	3.95	26.7	5.24	33.8	7.27	37.3	8.40	40.8	9.61	42.1	9.72	43.4	9.82
	35	21.4	4.19	26.7	5.57	33.8	7.75	37.3	8.95	40.2	9.96	41.5	10.1	42.7	10.2
	37	21.4	4.44	26.7	5.91	33.8	8.25	37.3	9.54	39.5	10.3	40.8	10.4	42.1	10.5
	39	21.4	4.71	26.7	6.28	33.8	8.78	37.3	10.2	38.9	10.7	40.2	10.8	41.4	10.9

RXQ14TY1 Cooling capacity (Capacity correction factor: 0.90) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (˚CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	˚CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120% (420)	10	22.1	2.79	27.6	3.50	34.9	4.55	38.6	5.10	42.2	5.65	49.4	6.78	51.2	6.63
	12	22.1	2.83	27.6	3.56	34.9	4.64	38.6	5.19	42.2	5.76	49.2	6.88	50.5	6.59
	14	22.1	2.88	27.6	3.63	34.9	4.73	38.6	5.29	42.2	5.87	48.6	6.85	49.9	6.55
	16	22.1	2.93	27.6	3.69	34.9	4.82	38.6	5.39	42.2	5.99	47.9	6.81	49.2	6.83
	18	22.1	2.98	27.6	3.76	34.9	4.91	38.6	5.50	42.2	6.10	47.3	7.11	48.6	7.18
	20	22.1	3.03	27.6	3.84	34.9	5.01	38.6	5.71	42.2	6.52	46.6	7.46	47.9	7.54
	21	22.1	3.06	27.6	3.87	34.9	5.14	38.6	5.92	42.2	6.75	46.3	7.63	47.6	7.71
	23	22.1	3.12	27.6	3.99	34.9	5.51	38.6	6.34	42.2	7.24	45.7	7.98	47.0	8.06
	25	22.1	3.23	27.6	4.26	34.9	5.89	38.6	6.79	42.2	7.75	45.0	8.33	46.3	8.42
	27	22.1	3.44	27.6	4.54	34.9	6.29	38.6	7.25	42.2	8.29	44.4	8.68	45.7	8.78
	29	22.1	3.65	27.6	4.84	34.9	6.71	38.6	7.75	42.2	8.86	43.7	9.03	45.0	9.13
	31	22.1	3.88	27.6	5.15	34.9	7.16	38.6	8.27	41.7	9.28	43.1	9.39	44.3	9.49
	33	22.1	4.12	27.6	5.48	34.9	7.63	38.6	8.82	41.1	9.63	42.4	9.74	43.7	9.85
	35	22.1	4.37	27.6	5.82	34.9	8.13	38.6	9.40	40.4	9.98	41.8	10.1	43.0	10.2
	37	22.1	4.63	27.6	6.18	34.9	8.65	38.6	10.0	39.8	10.3	41.1	10.5	42.4	10.6
	39	22.1	4.91	27.6	6.57	34.9	9.21	38.4	10.6	39.1	10.7	40.5	10.8	41.7	10.9
110% (385)	10	20.3	2.56	25.3	3.19	32.0	4.13	35.3	4.61	38.7	5.11	45.2	6.13	50.3	6.82
	12	20.3	2.60	25.3	3.25	32.0	4.20	35.3	4.70	38.7	5.21	45.2	6.25	49.7	6.79
	14	20.3	2.64	25.3	3.31	32.0	4.28	35.3	4.79	38.7	5.31	45.2	6.37	49.0	6.75
	16	20.3	2.68	25.3	3.36	32.0	4.36	35.3	4.88	38.7	5.41	45.2	6.49	48.4	6.79
	18	20.3	2.73	25.3	3.43	32.0	4.45	35.3	4.98	38.7	5.52	45.2	6.73	47.7	7.14
	20	20.3	2.78	25.3	3.49	32.0	4.54	35.3	5.08	38.7	5.74	45.2	7.24	47.1	7.48
	21	20.3	2.80	25.3	3.52	32.0	4.58	35.3	5.23	38.7	5.94	45.2	7.50	46.7	7.66
	23	20.3	2.85	25.3	3.59	32.0	4.88	35.3	5.60	38.7	6.37	44.9	7.93	46.1	8.01
	25	20.3	2.92	25.3	3.81	32.0	5.21	35.3	5.98	38.7	6.81	44.2	8.28	45.4	8.36
	27	20.3	3.10	25.3	4.06	32.0	5.56	35.3	6.39	38.7	7.29	43.6	8.63	44.8	8.71
	29	20.3	3.29	25.3	4.32	32.0	5.93	35.3	6.82	38.7	7.78	42.9	8.97	44.1	9.07
	31	20.3	3.49	25.3	4.59	32.0	6.32	35.3	7.28	38.7	8.31	42.3	9.33	43.5	9.42
	33	20.3	3.70	25.3	4.88	32.0	6.73	35.3	7.76	38.7	8.86	41.6	9.68	42.8	9.78
	35	20.3	3.93	25.3	5.18	32.0	7.17	35.3	8.26	38.7	9.45	41.0	10.0	42.2	10.1
	37	20.3	4.16	25.3	5.50	32.0	7.63	35.3	8.80	38.7	10.1	40.3	10.4	41.5	10.5
	39	20.3	4.40	25.3	5.84	32.0	8.11	35.3	9.37	38.4	10.6	39.7	10.7	40.9	10.9

-Calculate the capacity in case combination ratio = 114%

In case correction factor = 0.95

Combination ratio	110%	114%	120%
Cooling capacity	33.8	(?)	36.9

(?) = 33.8 + (36.9 – 33.8) × (114 – 110) / (120 – 110)
= 35.0

In case correction factor = 0.90

Combination ratio	110%	114%	120%
Cooling capacity	32.0	(?)	34.9

(?) = 32.0 + (34.9 – 32.0) × (114 – 110) / (120 – 110)
= 33.2

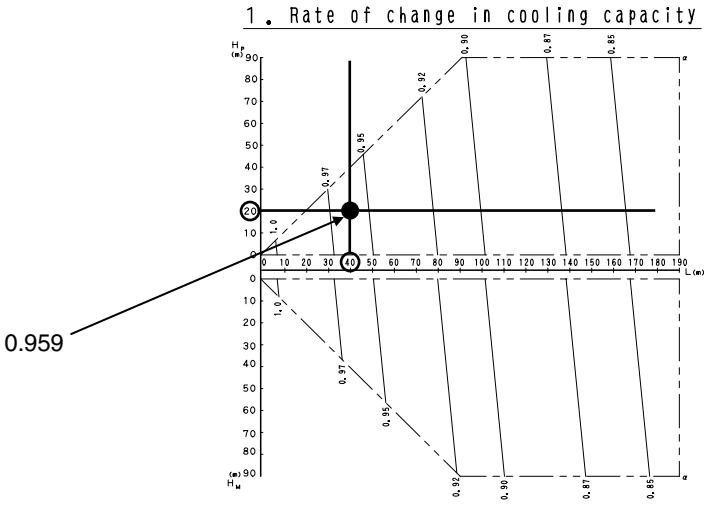
-Calculate the capacity in case correction factor of outdoor unit = 0.93

Correction factor	0.95	0.93	0.90
Cooling capacity	35.0	(B)	33.2

(B) = 33.2 + (35.0 – 33.2) × (0.93 – 0.90) / (0.95 – 0.90)
= 34.3

-Confirm capacity correction factor for piping length and level difference (K1)

(K1) = 0.959



-Calculate capacity correction factor for piping heat loss (K2)

(K2) = 1 + (heat loss factor per meter of piping × (equivalent piping length – 7.5m)) / 100

Heat loss factor per meter at 33ºC is calculated as below.

Heat loss factor per meter = 0.022 + (0.030 – 0.022) × (33 – 30) / (35 – 30) = 0.0268

Using “Equivalent piping length = 40m” and “Heat loss factor per meter = 0.0268”,
(K2) = 1 + (0.0268 × (40 – 7.5)) / 100 = 1.009

Cooling	Ambient temperature							
Heat loss factor per meter of piping (%)	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C
	0.000	0.000	0.004	0.009	0.014	0.022	0.030	0.038

-Calculate the corrected capacity of RXQ14TY1 (C) by using (K1) and (K2).
Corrected capacity of RXQ14TY1 (C) = (B) × (K1) / (K2)
34.3 × 0.959 / 1.009 = 32.6 (kW)

If the corrected capacity (C) is the same or greater than the required total heat load (A), selection is complete.
If (C) < (A), return to Procedure [3]–2 and provisionally select a larger outdoor unit.
In this example, 32.6kW (C) ≥ 30.2kW (A), so the selection is complete.

Part 2
Indoor Units

FXFQ-S
Ceiling Mounted Cassette
(Round Flow with Sensing) Type 41

FXFQ-LU
Ceiling Mounted Cassette
(Round Flow) Type
(For ASEAN). 57

FXZQ-M
Ceiling Mounted Cassette
(Compact Multi Flow) Type. 73

FXUQ-A
4-Way Flow Ceiling Suspended Type 89

FXCQ-M
Ceiling Mounted Cassette
(Double Flow) Type 101

FXKQ-MA
Ceiling Mounted Cassette
Corner Type. 119

FXDQ-PB / FXDQ-NB
Slim Ceiling Mounted Duct Type 133

FXMQ-P
Ceiling Mounted Duct Type. 157

FXMQ-MA
Ceiling Mounted Duct Type. 185

FXHQ-MA
Ceiling Suspended Type 199

FXAQ-P
Wall Mounted Type 213

FXLQ-MA / FXNQ-MA
Floor Standing Type / Concealed Floor Standing Type 229

FXVQ-M
Floor Standing Duct Type 251

FXFQ-S
Ceiling Mounted Cassette (Round Flow with Sensing) Type

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1. Specifications

Ceiling mounted cassette (Round flow with sensing) type

Model			FXFQ25SVM	FXFQ32SVM	FXFQ40SVM	FXFQ50SVM
Power supply			1 phase, 220-240/220 · 230V, 50/60Hz	1 phase, 220-240/220 · 230V, 50/60Hz	1 phase, 220-240/220 · 230V, 50/60Hz	1 phase, 220-240/220 · 230V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	2,400	3,100	3,900	4,800
		Btu/h	9,600	12,300	15,400	19,100
		kW	2.8	3.6	4.5	5.6
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	246×840×840	246×840×840	246×840×840	246×840×840
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×8×1.20	2×8×1.20	2×8×1.20	3×(12+15×2)×(1.25+1.20×2)
	Face area	m²	0.244	0.244	0.244	0.427
Fan	Model		QTS48C15M	QTS48C15M	QTS48C15M	QTS48C15M
	Type		Turbo fan	Turbo fan	Turbo fan	Turbo fan
	Motor output × Number of units	W	48×1	48×1	48×1	48×1
	Airflow rate (H/M/L)	m³/min	12.5/11.5/10.0	12.5/11.5/10.0	14.5/13.0/11.0	22.0/17.5/13.5
		l/s	208/192/167	208/192/167	242/217/183	367/292/225
		cfm	441/406/353	441/406/353	512/459/388	777/618/477
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32)	VP25 (External dia. 32)	VP25 (External dia. 32)	VP25 (External dia. 32)
Mass		kg	19	19	19	23
★3 Sound pressure level (H/M/L)		dB(A)	30.0/28.5/27.0	30.0/28.5/27.0	31.0/29.0/27.0	36.0/32.0/28.0
Sound power level (H/M/L)		dB(A)	47.0/45.5/44.0	47.0/45.5/44.0	48.0/46.0/44.0	53.0/49.0/45.0
Safety devices			Fuse	Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYCQ125B-W1	BYCQ125B-W1	BYCQ125B-W1	BYCQ125B-W1
	Colour		Fresh white	Fresh white	Fresh white	Fresh white
	Dimensions: (H×W×D)	mm	50×950×950	50×950×950	50×950×950	50×950×950
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass	kg	5.5	5.5	5.5	5.5
Standard accessories			Operation manual. Installation manual. Installation pattern paper. Drain hose. Metal clamp. Washer clamp. Sealing material. Clamp. Screw. Washer for hanger. Joint insulating material. Installation guide.	Operation manual. Installation manual. Installation pattern paper. Drain hose. Metal clamp. Washer clamp. Sealing material. Clamp. Screw. Washer for hanger. Joint insulating material. Installation guide.	Operation manual. Installation manual. Installation pattern paper. Drain hose. Metal clamp. Washer clamp. Sealing material. Clamp. Screw. Washer for hanger. Joint insulating material. Installation guide.	Operation manual. Installation manual. Installation pattern paper. Drain hose. Metal clamp. Washer clamp. Sealing material. Clamp. Screw. Washer for hanger. Joint insulating material. Installation guide.
Drawing No.			C: 3D084443A			

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Ceiling mounted cassette (Round flow with sensing) type

Model			FXFQ63SVM	FXFQ80SVM	FXFQ100SVM	FXFQ125SVM
Power supply			1 phase, 220-240/220 · 230V, 50/60Hz	1 phase, 220-240/220 · 230V, 50/60Hz	1 phase, 220-240/220 · 230V, 50/60Hz	1 phase, 220-240/220 · 230V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	6,100	7,700	9,600	12,000
		Btu/h	24,200	30,700	38,200	47,800
		kW	7.1	9.0	11.2	14.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	246×840×840	246×840×840	288×840×840	288×840×840
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×(12+15×2)×(1.25+1.20×2)	3×(12+15×2)×(1.25+1.20×2)	3×18×(1.25+1.20×2)	3×18×(1.25+1.20×2)
	Face area	m²	0.427	0.427	0.550	0.550
Fan	Model		QTS48C15M	QTS48C15M	QTS48C15M	QTS48C15M
	Type		Turbo fan	Turbo fan	Turbo fan	Turbo fan
	Motor output × Number of units	W	48×1	48×1	106×1	106×1
	Airflow rate (H/M/L)	m³/min	23.5/18.5/13.5	23.5/19.5/15.0	33.0/26.0/19.0	34.5/27.5/21.0
		l/s	392/308/225	392/325/250	550/433/317	575/458/350
		cfm	830/653/477	830/688/530	1,165/918/671	1,212/971/741
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Piping connections	Liquid pipes	mm	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32)	VP25 (External dia. 32)	VP25 (External dia. 32)	VP25 (External dia. 32)
Mass		kg	23	23	26	26
★3 Sound pressure level (H/M/L)		dB(A)	38.0/33.0/28.0	38.0/35.0/31.0	44.0/38.0/32.0	45.0/40.0/35.0
Sound power level (H/M/L)		dB(A)	55.0/50.0/45.0	55.0/52.0/48.0	60.0/54.0/48.0	61.0/56.0/51.0
Safety devices			Fuse	Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYCQ125B-W1	BYCQ125B-W1	BYCQ125B-W1	BYCQ125B-W1
	Panel colour		Fresh white	Fresh white	Fresh white	Fresh white
	Dimensions: (H×W×D)	mm	50×950×950	50×950×950	50×950×950	50×950×950
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass	kg	5.5	5.5	5.5	5.5
Standard accessories			Operation manual. Installation manual. Installation pattern paper. Drain hose. Metal clamp. Washer clamp. Sealing material. Clamp. Screw. Washer for hanger. Joint insulating material. Installation guide.	Operation manual. Installation manual. Installation pattern paper. Drain hose. Metal clamp. Washer clamp. Sealing material. Clamp. Screw. Washer for hanger. Joint insulating material. Installation guide.	Operation manual. Installation manual. Installation pattern paper. Drain hose. Metal clamp. Washer clamp. Sealing material. Clamp. Screw. Washer for hanger. Joint insulating material. Installation guide.	Operation manual. Installation manual. Installation pattern paper. Drain hose. Metal clamp. Washer clamp. Sealing material. Clamp. Screw. Washer for hanger. Joint insulating material. Installation guide.
Drawing No.			C: 3D084443A			

Notes:

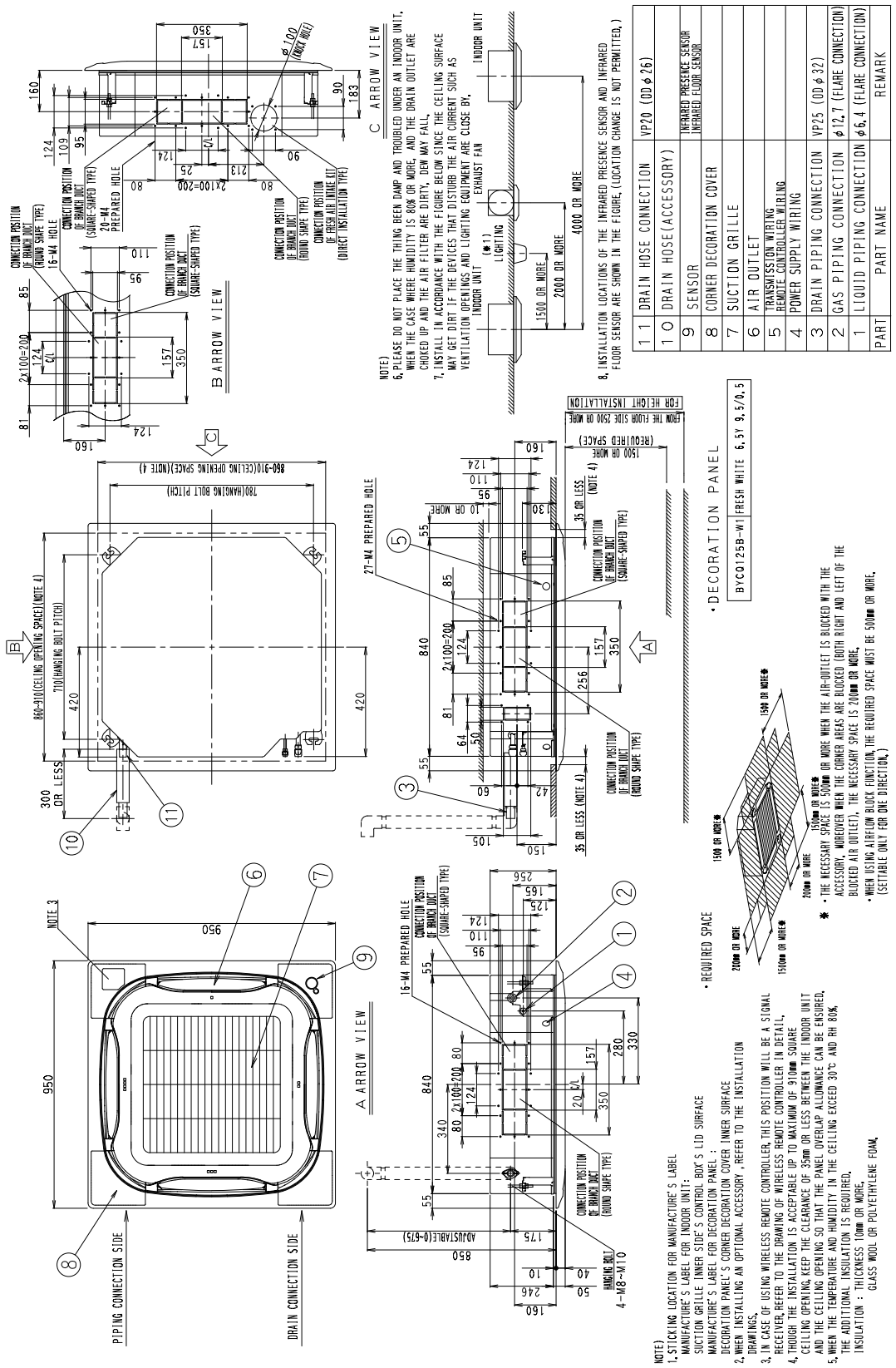
★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

FXFQ25SVM / FXFQ32SVM / FXFQ40SVM / FXFQ50SVM

Unit (mm)

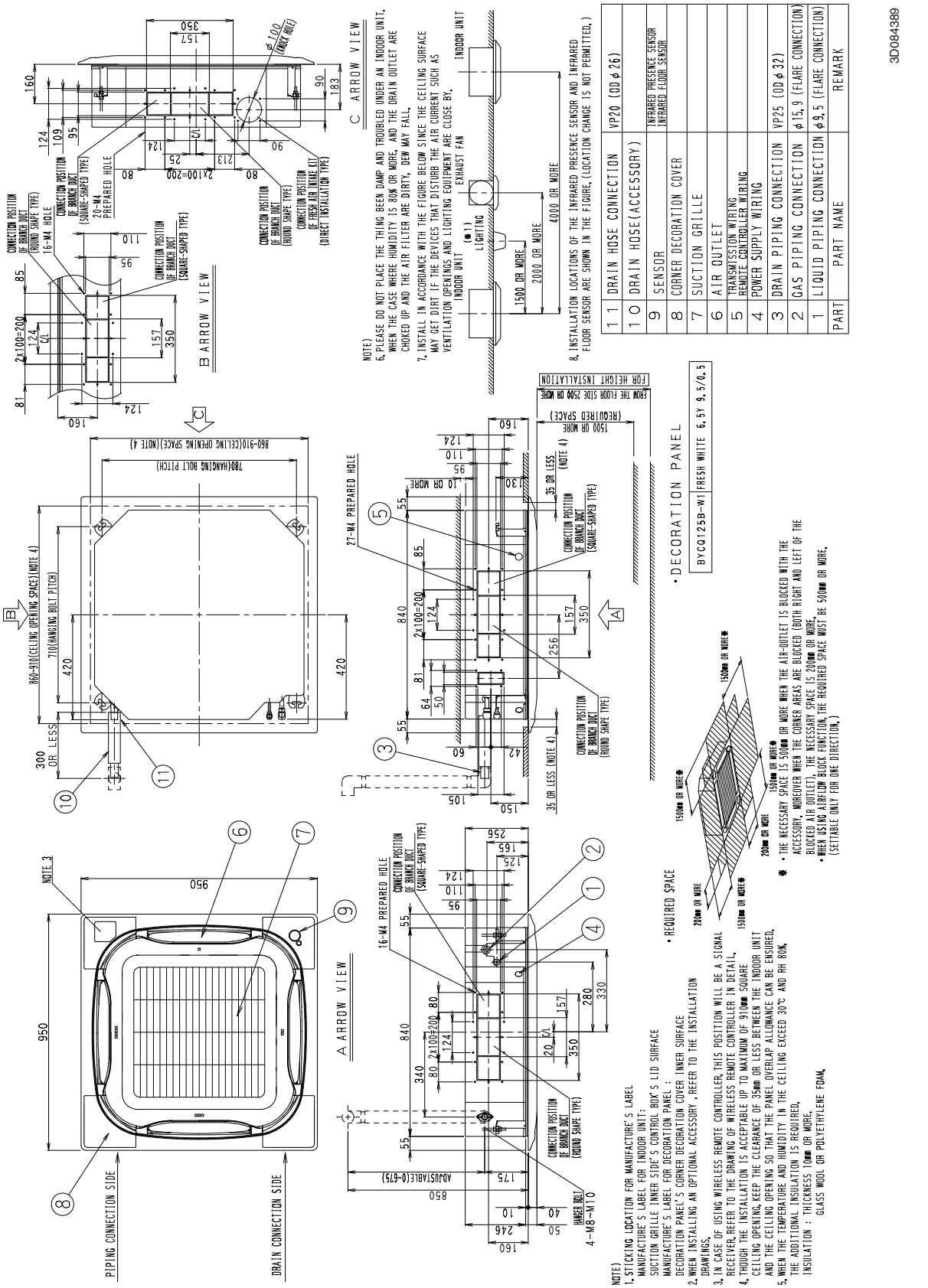


PART	PART NAME	REMARK
11	DRAIN HOSE CONNECTION	VP20 (OD φ 26)
10	DRAIN HOSE(ACCESSORY)	
9	SENSOR	INFRARED PRESENCE SENSOR INFRARED FLOOR SENSOR
8	CORNER DECORATION COVER	
7	SUCTION GRILLE	
6	AIR OUTLET	
5	TRANSMISSION WIRING REMOTE-CONTROLLER WIRING	
4	POWER SUPPLY WIRING	
3	DRAIN PIPING CONNECTION	VP25 (OD φ 32)
2	GAS PIPING CONNECTION	φ12.7 (FLARE CONNECTION)
1	LIQUID PIPING CONNECTION	φ6.4 (FLARE CONNECTION)

FXFQ63SVM / FXFQ80SVM

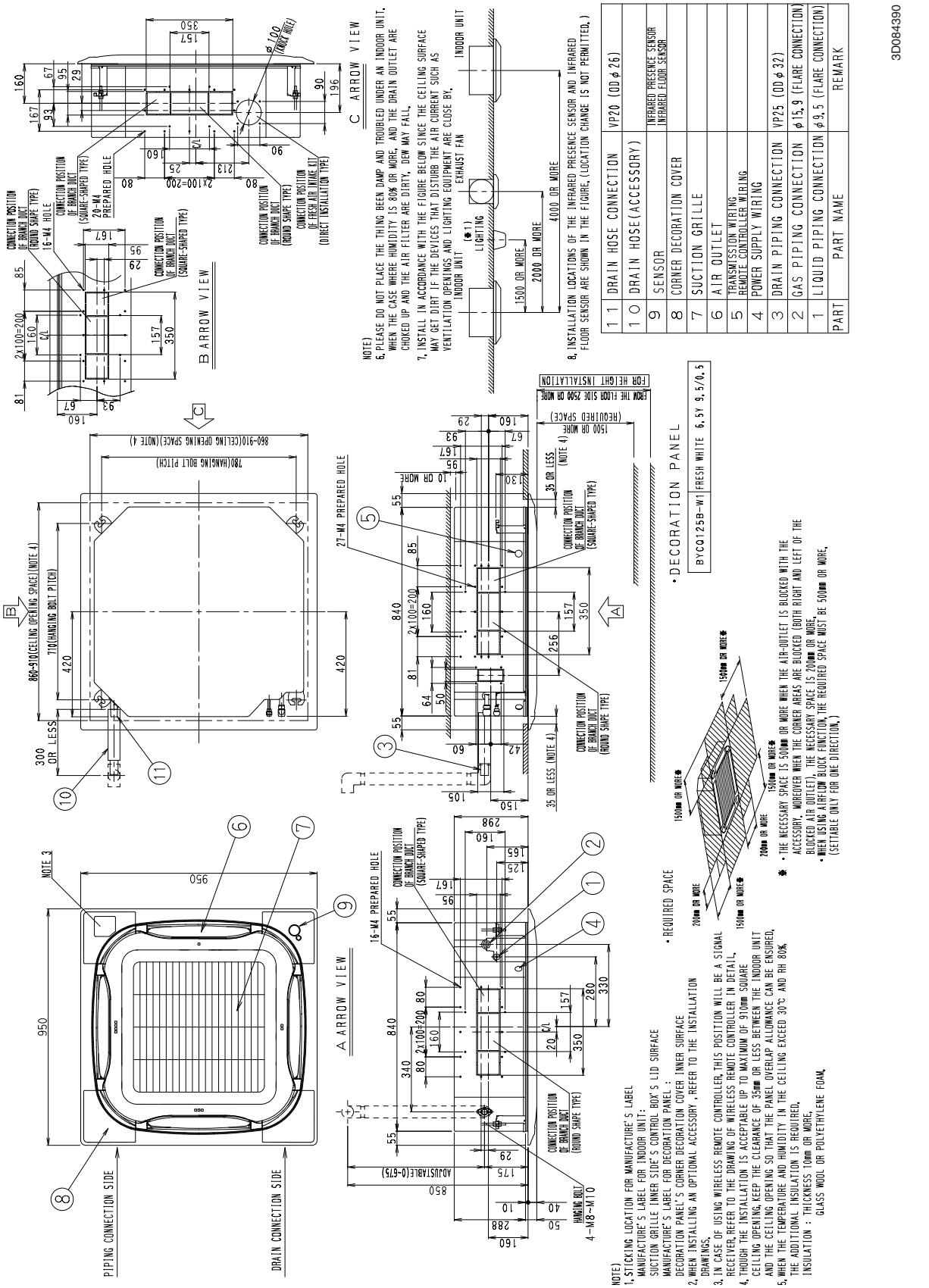
Unit (mm)

2

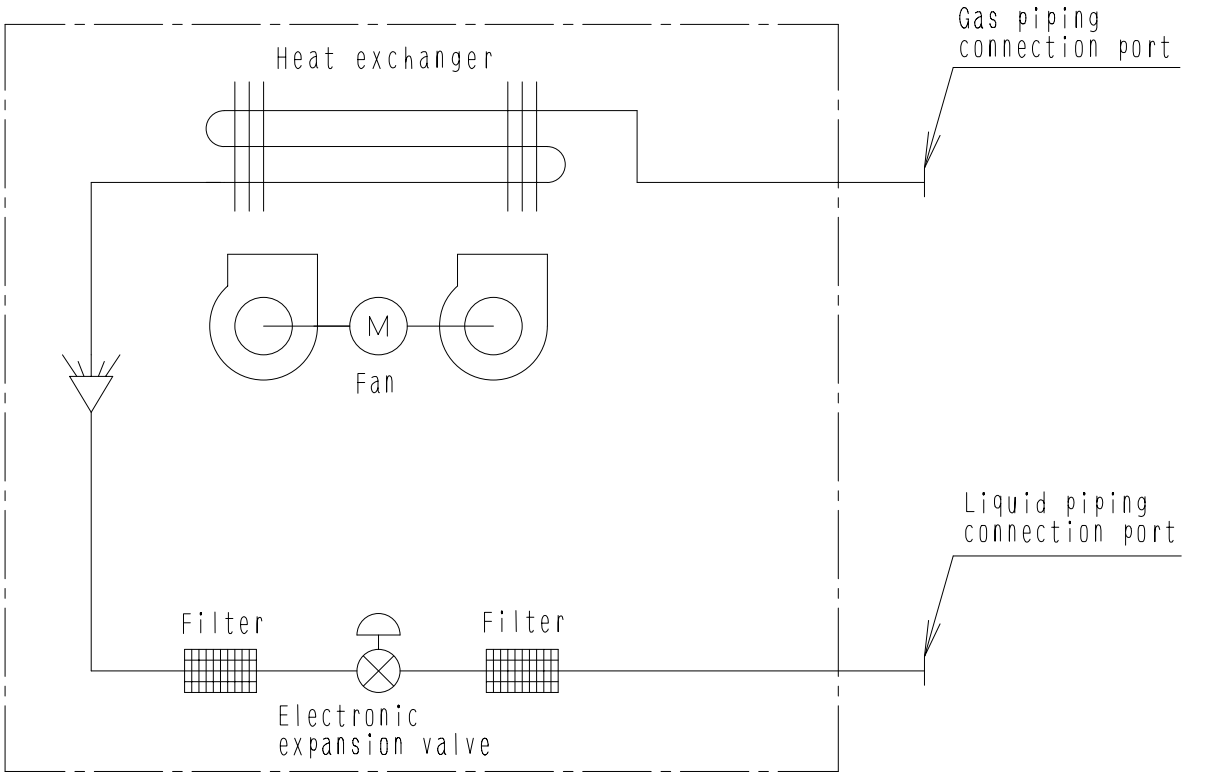


FXFQ100SVM / FXFQ125SVM

Unit (mm)



3. Piping Diagrams



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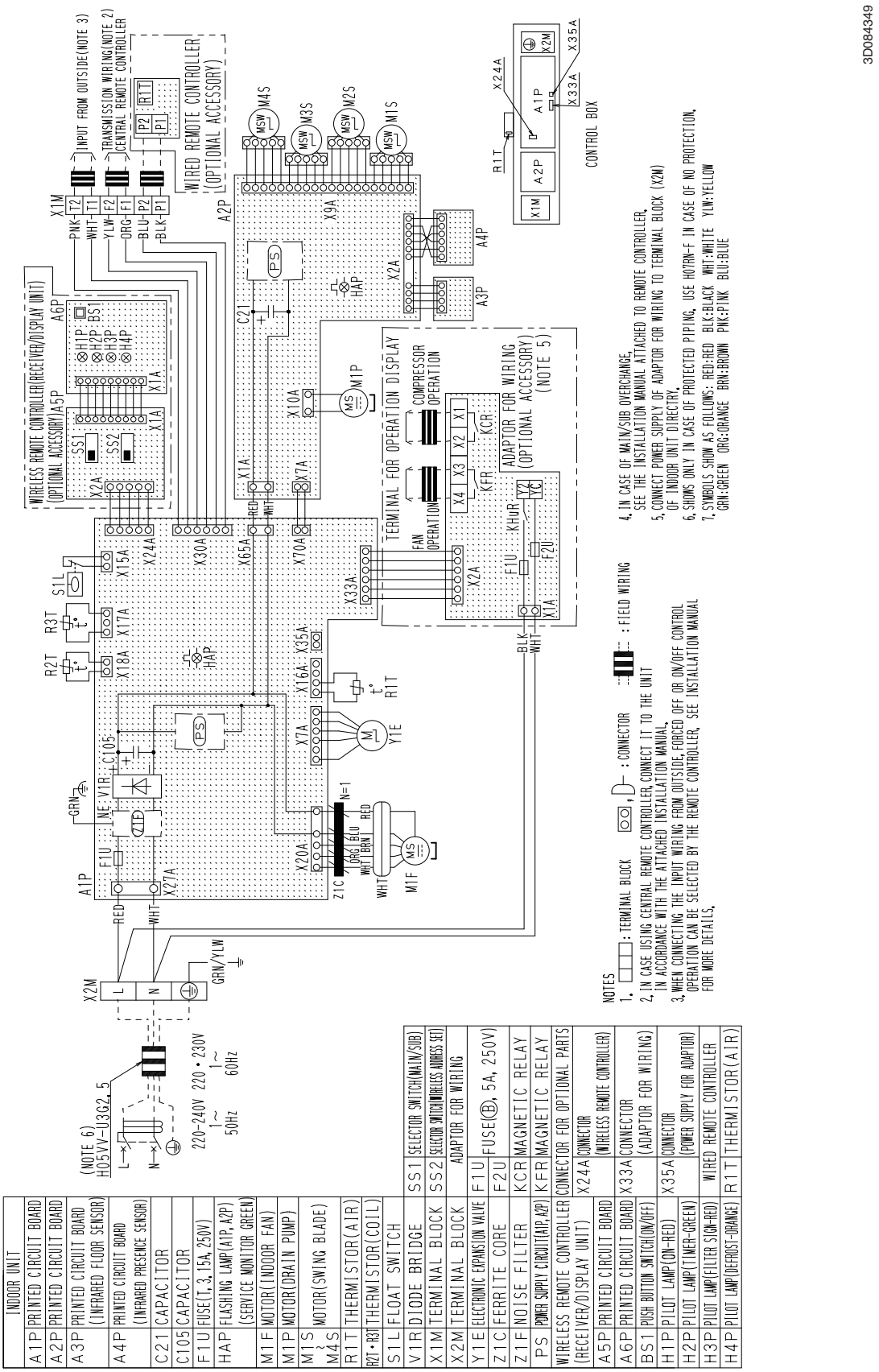
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXFQ25SVM / FXFQ32SVM / FXFQ40SVM / FXFQ50SVM	ϕ12.7	ϕ6.4
FXFQ63SVM / FXFQ80SVM / FXFQ100SVM / FXFQ125SVM	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXFQ25SVM / FXFQ32SVM / FXFQ40SVM / FXFQ50SVM / FXFQ63SVM / FXFQ80SVM / FXFQ100SVM / FXFQ125SVM



5. Electric Characteristics

FXFQ25SVM / FXFQ32SVM / FXFQ40SVM / FXFQ50SVM / FXFQ63SVM / FXFQ80SVM / FXFQ100SVM / FXFQ125SVM

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXFQ25SVM	50	220-240	MAX. 264 Min. 198	0.3	15	0.048	0.2	31	27
FXFQ32SVM				0.3	15	0.048	0.2	31	27
FXFQ40SVM				0.4	15	0.048	0.3	41	37
FXFQ50SVM				0.6	15	0.048	0.5	80	75
FXFQ63SVM				0.8	15	0.048	0.6	95	90
FXFQ80SVM				0.8	15	0.048	0.6	95	90
FXFQ100SVM				1.4	15	0.106	1.1	194	180
FXFQ125SVM				1.6	15	0.106	1.3	219	199
FXFQ25SVM	60	220,230	MAX. 253 Min. 198	0.3	15	0.048	0.2	31	27
FXFQ32SVM				0.3	15	0.048	0.2	31	27
FXFQ40SVM				0.4	15	0.048	0.3	41	37
FXFQ50SVM				0.6	15	0.048	0.5	80	75
FXFQ63SVM				0.8	15	0.048	0.6	95	90
FXFQ80SVM				0.8	15	0.048	0.6	95	90
FXFQ100SVM				1.4	15	0.106	1.1	194	180
FXFQ125SVM				1.6	15	0.106	1.3	219	199

Symbols:
MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
kW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:
1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min. 15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXFQ25SVM	FXFQ32SVM	FXFQ40SVM	FXFQ50SVM	FXFQ63SVM	FXFQ80SVM	FXFQ100SVM	FXFQ125SVM
Printed circuit board fuse		250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A
Drain pump thermal fuse	°C	–	–	–	–	–	–	–	–
Fan motor thermal fuse	°C	–	–	–	–	–	–	–	–
Fan motor thermal protector	°C	–	–	–	–	–	–	–	–

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7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXFQ-S	25	1.9	2.0	2.3	2.3	2.6	2.5	2.8	2.5	2.8	2.5	2.9	2.4	3.0	2.4
	32	2.4	2.2	2.9	2.5	3.4	2.8	3.6	2.9	3.6	2.8	3.7	2.7	3.8	2.6
	40	3.0	2.6	3.6	3.0	4.2	3.3	4.5	3.4	4.6	3.4	4.7	3.3	4.8	3.2
	50	3.8	3.9	4.5	4.4	5.2	5.0	5.6	5.0	5.7	5.0	5.8	4.8	5.9	4.7
	63	4.8	4.5	5.7	5.2	6.6	5.8	7.1	5.9	7.2	5.8	7.4	5.6	7.5	5.5
	80	6.1	5.2	7.2	5.9	8.4	6.6	9.0	6.7	9.1	6.6	9.3	6.4	9.5	6.2
	100	7.6	6.8	9.0	7.7	10.5	8.7	11.2	8.8	11.3	8.6	11.6	8.4	11.9	8.2
	125	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.2	14.2	10.1	14.5	9.7	14.9	9.4

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

7.2 Correction Factor for Te: 9°C

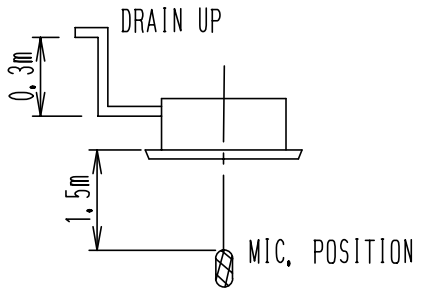
When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXFQ25SVM	TC	0.724	0.757	0.808	0.827	0.844	0.873	0.895
	SHF	1.131	1.141	1.103	1.088	1.073	1.052	1.038
FXFQ32SVM	TC	0.724	0.757	0.808	0.827	0.844	0.873	0.895
	SHF	1.131	1.141	1.103	1.088	1.073	1.052	1.038
FXFQ40SVM	TC	0.744	0.765	0.815	0.833	0.849	0.877	0.898
	SHF	1.101	1.136	1.099	1.085	1.072	1.052	1.038
FXFQ50SVM	TC	0.662	0.733	0.788	0.807	0.825	0.855	0.878
	SHF	1.201	1.143	1.100	1.084	1.068	1.045	1.030
FXFQ63SVM	TC	0.667	0.736	0.790	0.808	0.827	0.856	0.879
	SHF	1.193	1.141	1.100	1.084	1.068	1.046	1.030
FXFQ80SVM	TC	0.667	0.736	0.790	0.808	0.827	0.856	0.879
	SHF	1.193	1.141	1.100	1.084	1.068	1.046	1.030
FXFQ100SVM	TC	0.675	0.741	0.793	0.811	0.828	0.857	0.880
	SHF	1.180	1.136	1.097	1.082	1.068	1.053	1.037
FXFQ125SVM	TC	0.679	0.742	0.794	0.812	0.829	0.858	0.881
	SHF	1.175	1.135	1.097	1.082	1.068	1.053	1.038

8. Sound Levels

Overall

Location of microphone (for sound pressure level)



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

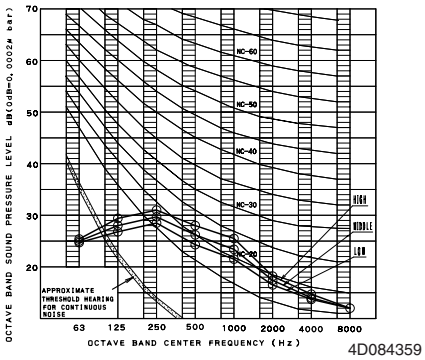
dB(A)

Model	Sound pressure level		
	220-240/220 · 230V, 50/60Hz		
	High	Middle	Low
FXFQ25SVM FXFQ32SVM	30.0	28.5	27.0
FXFQ40SVM	31.0	29.0	27.0
FXFQ50SVM	36.0	32.0	28.0
FXFQ63SVM	38.0	33.0	28.0
FXFQ80SVM	38.0	35.0	31.0
FXFQ100SVM	44.0	38.0	32.0
FXFQ125SVM	45.0	40.0	35.0

Octave Band Level

○——○ 220-240/220 · 230V, 50/60Hz

FXFQ25SVM / FXFQ32SVM



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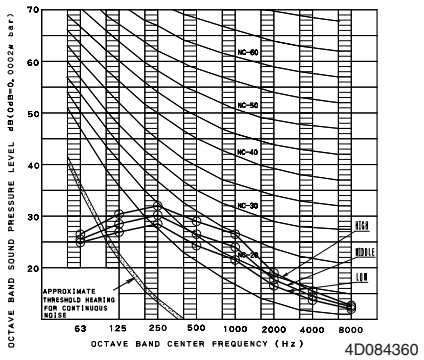
FXFQ40SVM



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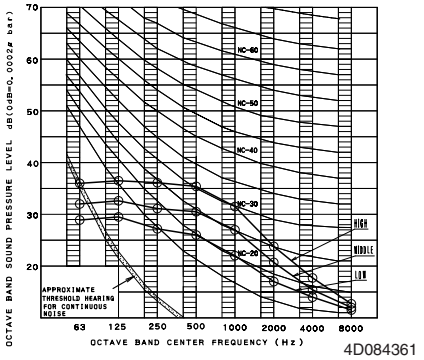
FXFQ50SVM



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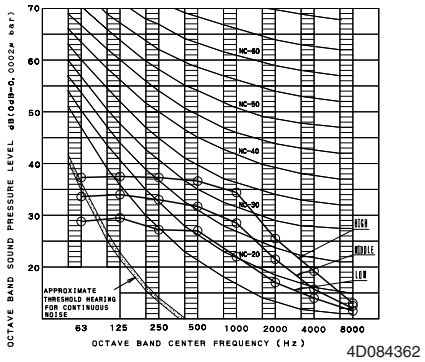
FXFQ63SVM



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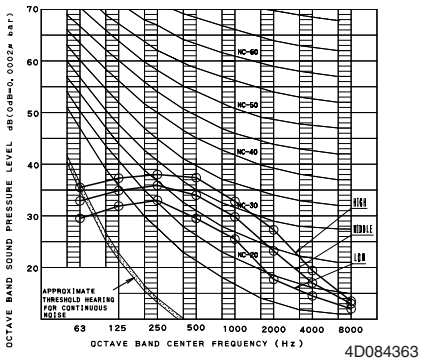
FXFQ80SVM



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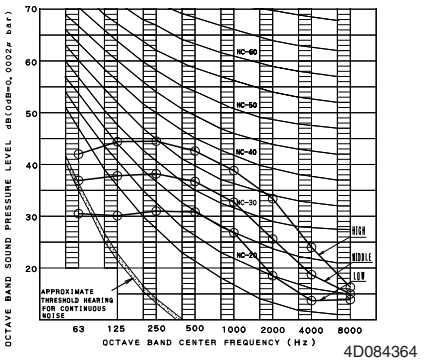
FXFQ100SVM



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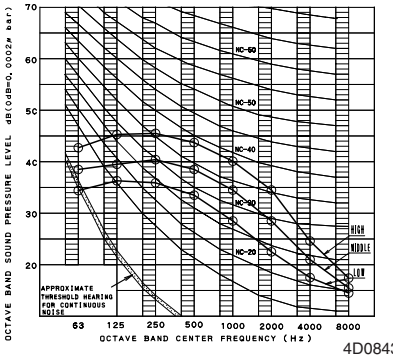
FXFQ125SVM



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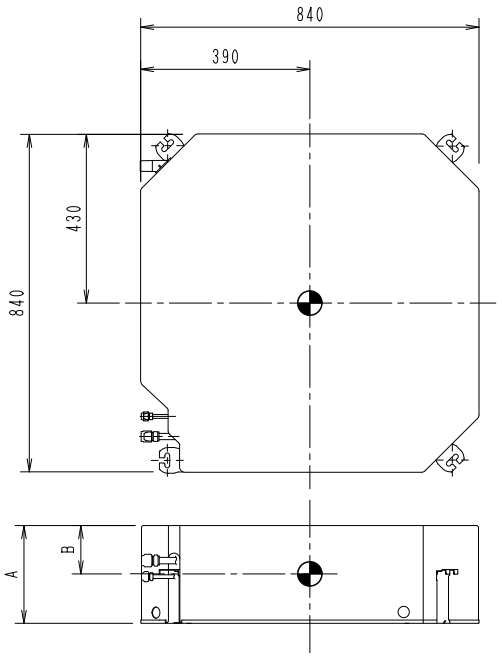
9. Centre of Gravity

FXFQ25SVM / FXFQ32SVM / FXFQ40SVM / FXFQ50SVM / FXFQ63SVM / FXFQ80SVM / FXFQ100SVM / FXFQ125SVM

Unit (mm)



MODEL NAME	A	B
FXFQ25~80SVM	246	90
FXFQ100・125SVM	288	120

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10. Accessories

10.1 Optional Accessories (for Unit)

Item			Note	Model							
				FXFQ25SVM	FXFQ32SVM	FXFQ40SVM	FXFQ50SVM	FXFQ63SVM	FXFQ80SVM	FXFQ100SVM	FXFQ125SVM
Decoration panel				BYCQ125B-W1							
Sealing member of air discharge outlet				KDBHQ55B140							
Panel spacer				KDBP55H160FA							
Filter related	High efficiency filter unit	65%		KAFP556B80						KAFP556B160	
		90%		KAFP557B80						KAFP557B160	
	Replacement high efficiency filter	65%		KAFP552B80						KAFP552B160	
		90%		KAFP553B80						KAFP553B160	
	Filter chamber			KDDFP55B160							
	Replacement long life filter			KAFP551K160							
	Ultra long-life filter			KAFP55B160							
	Replacement ultra long life filter			KAFP55H160H							
Fresh air intake kit	Chamber type	Without T-joint pipe and fan	1	KDDQ55B140							
		With T-joint pipe without fan	1	KDDP55B160K							
	Direct installation type			KDDP55X160							
Branch duct chamber				KDJP55B80						KDJP55B160	
Insulation kit for high humidity				KDTP55K80						KDTP55K160	

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Note:

1. Two of four corner air outlets are closed Without T-joint pipe. Fresh air intake volume is 10% or less of airflow rate.

10.2 Optional Accessories (for Controls)

Refer to page 728.

FXFQ-LU
Ceiling Mounted Cassette (Round Flow) Type (For ASEAN)

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1. Specifications

Ceiling mounted cassette (Round flow) type

Model			FXFQ25LUV1	FXFQ32LUV1	FXFQ40LUV1	FXFQ50LUV1
Power supply			1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz
★1 ★2 Cooling capacity		kcal/h	2,400	3,100	3,900	4,800
		Btu/h	9,600	12,300	15,400	19,100
		kW	2.8	3.6	4.5	5.6
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	246×840×840	246×840×840	246×840×840	246×840×840
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×6×1.2	2×6×1.2	2×6×1.2	2×6×1.2
	Face area	m²	0.267	0.267	0.267	0.267
Fan	Model		QTS48C15M	QTS48C15M	QTS48C15M	QTS48C15M
	Type		Turbo fan	Turbo fan	Turbo fan	Turbo fan
	Motor output × Number of units	W	56×1	56×1	56×1	56×1
	Airflow rate (HH/H/L)	m³/min	13/11.5/10	13/11.5/10	15/13/11	16/13.5/11
		cfm	459/406/353	459/406/353	530/459/388	565/477/388
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass		kg	19.5	19.5	19.5	19.5
★3 Sound pressure level (HH/H/L)		dB(A)	30/28.5/27	30/28.5/27	31/29/27	32/29.5/27
Safety devices			Fuse	Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYCP125K-W1	BYCP125K-W1	BYCP125K-W1	BYCP125K-W1
	Panel colour		Fresh white	Fresh white	Fresh white	Fresh white
	Dimensions: (H×W×D)	mm	50×950×950	50×950×950	50×950×950	50×950×950
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass	kg	5.5	5.5	5.5	5.5
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.
Drawing No.			C: 3D081322			

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Ceiling mounted cassette (Round flow) type

Model			FXFQ63LUV1	FXFQ80LUV1	FXFQ100LUV1	FXFQ125LUV1
Power supply			1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz
★1 ★2 Cooling capacity		kcal/h	6,100	7,700	9,600	12,000
		Btu/h	24,200	30,700	38,200	47,800
		kW	7.1	9.0	11.2	14.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	246×840×840	246×840×840	288×840×840	288×840×840
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×10×1.2	2×10×1.2	2×12×1.2	2×12×1.2
	Face area	m²	0.446	0.446	0.535	0.535
Fan	Model		QTS48C15M	QTS48C15M	QTS48C15M	QTS48C15M
	Type		Turbo fan	Turbo fan	Turbo fan	Turbo fan
	Motor output × Number of units	W	56×1	56×1	120×1	120×1
	Airflow rate (HH/H/L)	m³/min	19/16.5/13.5	21/18/15	32/26/20	33/28/22.5
		cfm	671/583/477	742/636/530	1,130/918/706	1,165/989/794
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Piping connections	Liquid pipes	mm	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 / Internal dia. 25)	VP25 (External dia. 32 / Internal dia. 25)	VP25 (External dia. 32 / Internal dia. 25)	VP25 (External dia. 32 / Internal dia. 25)
Mass		kg	22	22	25	25
★3 Sound pressure level (HH/H/L)		dB(A)	34/31/28	36/33.5/31	43/37.5/32	44/39/34
Safety devices			Fuse	Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYCP125K-W1	BYCP125K-W1	BYCP125K-W1	BYCP125K-W1
	Panel colour		Fresh white	Fresh white	Fresh white	Fresh white
	Dimensions: (H×W×D)	mm	50×950×950	50×950×950	50×950×950	50×950×950
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass	kg	5.5	5.5	5.5	5.5
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting. Installation guide.
Drawing No.			C: 3D081322			

Notes:

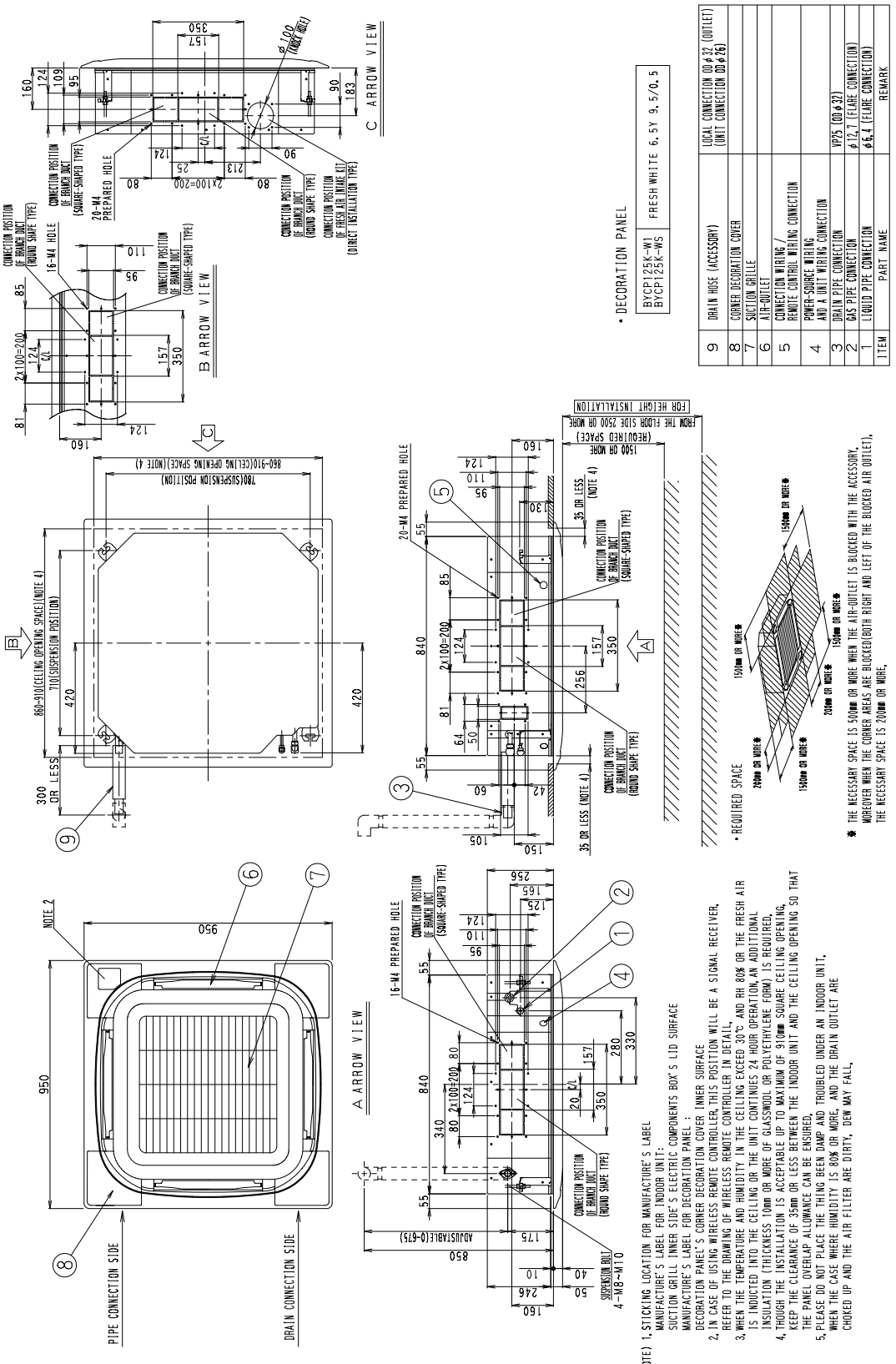
★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

FXFQ25LUV1 / FXFQ32LUV1 / FXFQ40LUV1 / FXFQ50LUV1

Unit (mm)



FXFQ63LUV1 / FXFQ80LUV1

Unit (mm)

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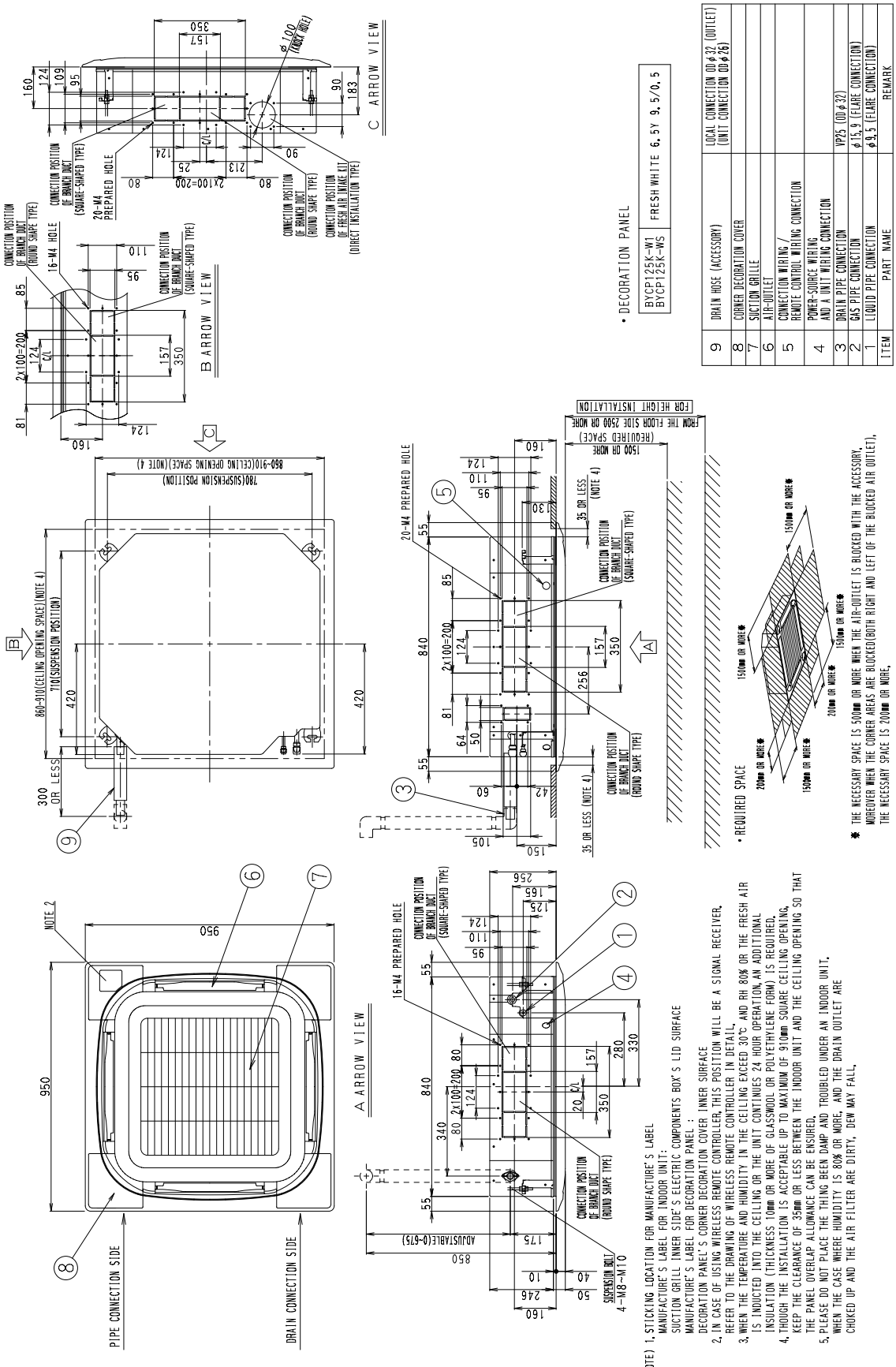
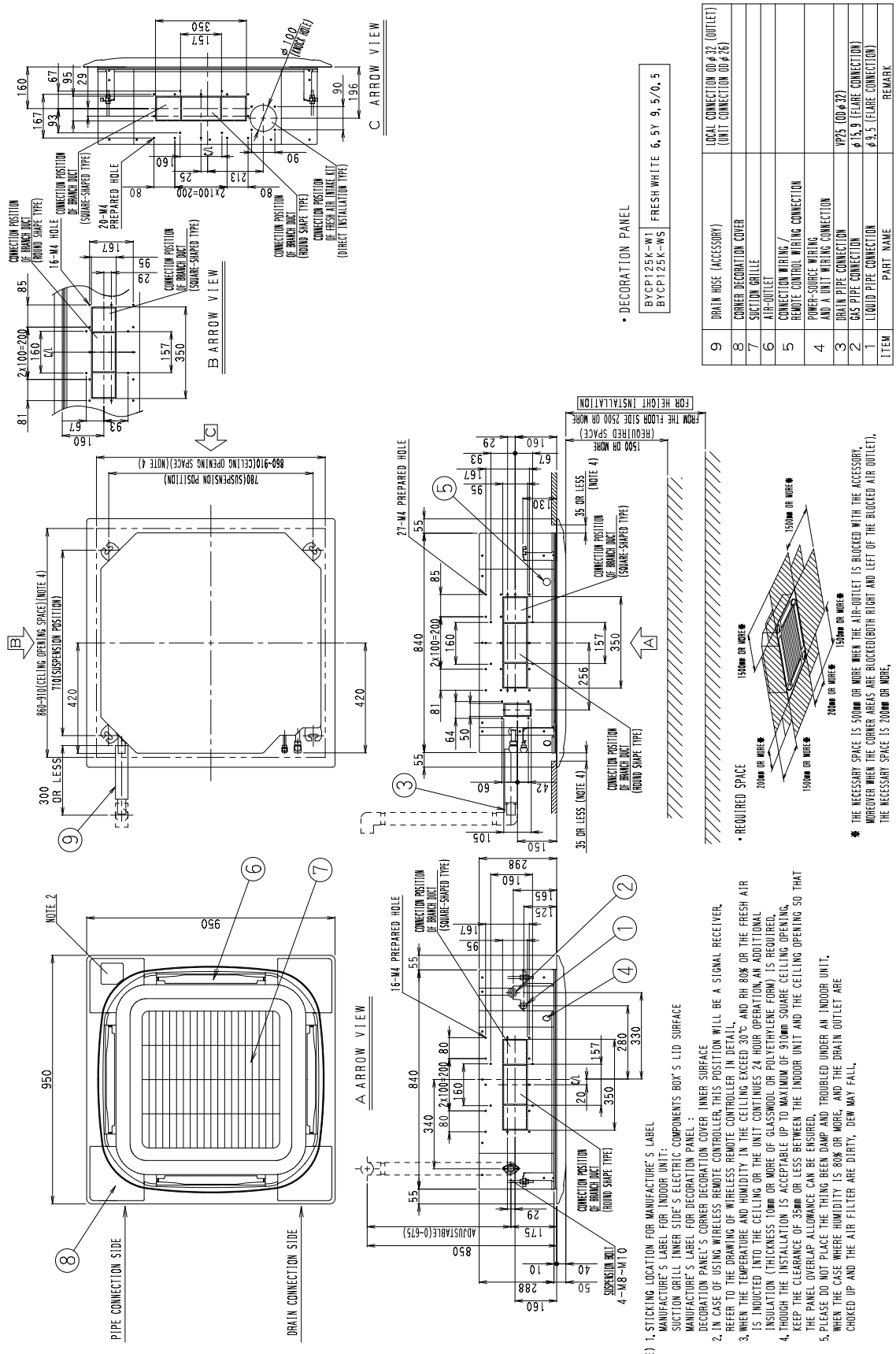


ITEM	PART NAME	REMARK
1	LIQUID PIPE CONNECTION	ø9.5 (FLARE CONNECTION)
2	GAS PIPE CONNECTION	ø15.9 (FLARE CONNECTION)
3	DRAIN PIPE CONNECTION	VP25 (OD ø32)
4	POWER-SOURCE WIRING AND A UNIT WIRING CONNECTION	
5	CONNECTION WIRING / REMOTE CONTROL WIRING CONNECTION	
6	AIR-OUTLET	
7	SUCTION GRILLE	
8	CORNER DECORATION COVER	
9	DRAIN HOSE (ACCESSORY)	LOCAL CONNECTION OD ø32 (OUTLET) (UNIT CONNECTION OD ø26)

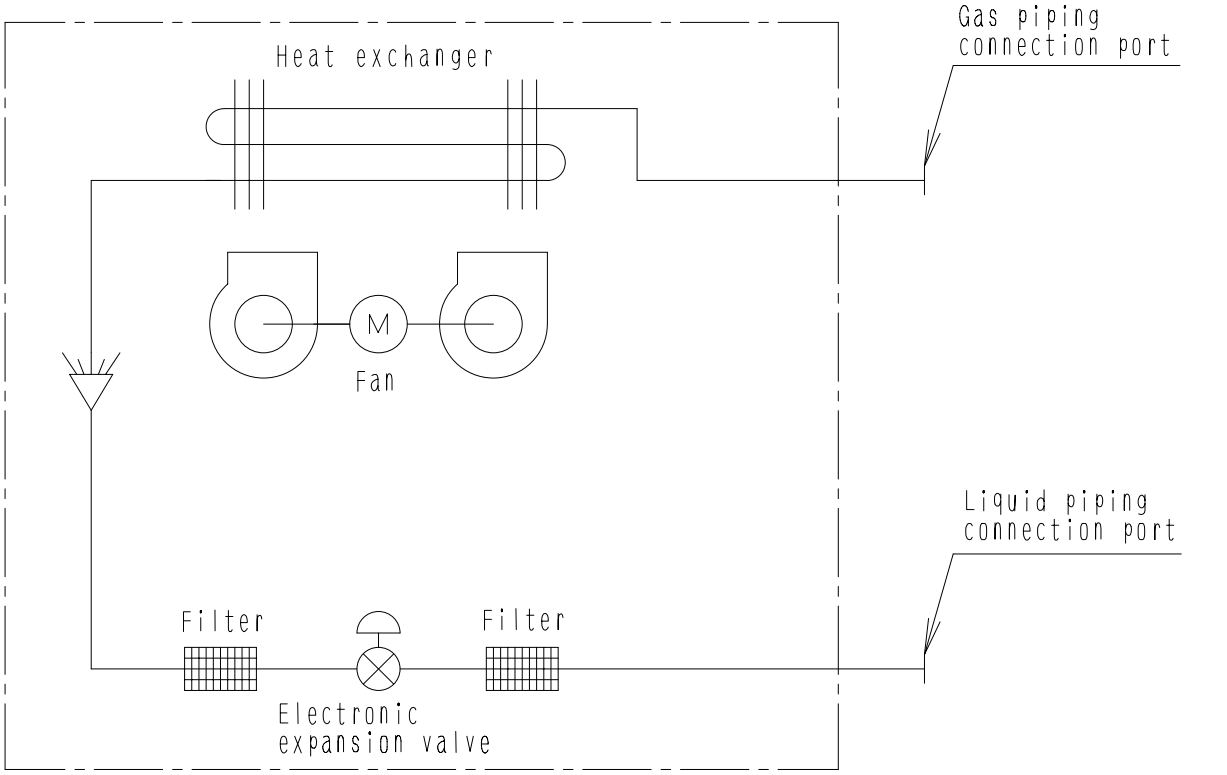
NOTE) 1. STICKING LOCATION FOR MANUFACTURE'S LABEL
MANUFACTURE'S LABEL FOR INDOOR UNIT:
SUCTION GRILL INNER SIDE'S ELECTRIC COMPONENTS BOX'S LID SURFACE
MANUFACTURE'S LABEL FOR DECORATION PANEL:
DECORATION PANEL'S CORNER DECORATION COVER INNER SURFACE
2. IN CASE OF USING WIRELESS REMOTE CONTROLLER, THIS POSITION WILL BE A SIGNAL RECEIVER, REFER TO THE DRAWING OF WIRELESS REMOTE CONTROLLER IN DETAIL.
3. WHEN THE TEMPERATURE AND HUMIDITY IN THE CEILING EXCEED 30°C AND RH 80% OR THE FRESH AIR IS INDUCTED INTO THE CEILING OR THE UNIT CONTINUES 24 HOUR OPERATION, AN ADDITIONAL INSULATION (THICKNESS 10mm OR MORE OF GLASSWOOL OR POLYETHYLENE FORM) IS REQUIRED.
4. THOUGH THE INSTALLATION IS ACCEPTABLE UP TO MAXIMUM OF 910mm SQUARE CEILING OPENING, KEEP THE CLEARANCE OF 35mm OR LESS BETWEEN THE INDOOR UNIT AND THE CEILING OPENING SO THAT THE PANEL OVERLAP ALLOWANCE CAN BE ENSURED.
5. PLEASE DO NOT PLACE THE THING BEEN DAMP AND TROUBLED UNDER AN INDOOR UNIT. WHEN THE CASE WHERE HUMIDITY IS 80% OR MORE, AND THE DRAIN OUTLET ARE CHOKED UP AND THE AIR FILTER ARE DIRTY, DEW MAY FALL.

FXFQ100LUV1 / FXFQ125LUV1

Unit (mm)



3. Piping Diagrams



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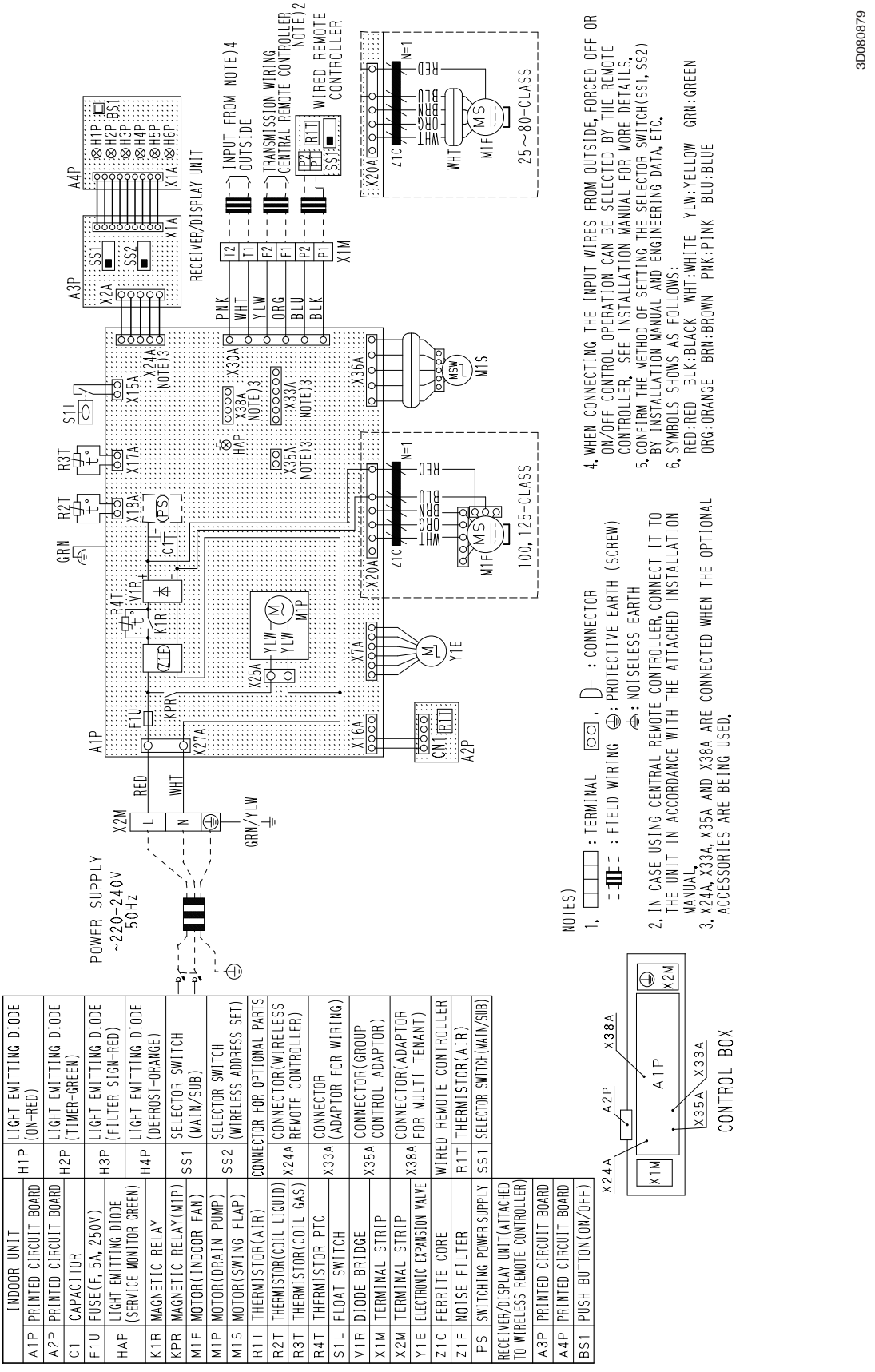
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXFQ25LUV1 / FXFQ32LUV1 / FXFQ40LUV1 / FXFQ50LUV1	ϕ12.7	ϕ6.4
FXFQ63LUV1 / FXFQ80LUV1 / FXFQ100LUV1 / FXFQ125LUV1	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXFQ25LUV1 / FXFQ32LUV1 / FXFQ40LUV1 / FXFQ50LUV1 / FXFQ63LUV1 / FXFQ80LUV1 / FXFQ100LUV1 / FXFQ125LUV1



5. Electric Characteristics

FXFQ25LUV1 / FXFQ32LUV1 / FXFQ40LUV1 / FXFQ50LUV1 / FXFQ63LUV1 / FXFQ80LUV1 / FXFQ100LUV1 / FXFQ125LUV1

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXFQ25LUV1	50	220-240	MAX. 264 Min. 198	0.3	15	0.056	0.2	33	27
FXFQ32LUV1				0.3	15	0.056	0.2	33	27
FXFQ40LUV1				0.3	15	0.056	0.2	47	34
FXFQ50LUV1				0.3	15	0.056	0.2	52	38
FXFQ63LUV1				0.4	15	0.056	0.3	66	53
FXFQ80LUV1				0.5	15	0.056	0.4	93	75
FXFQ100LUV1				1.3	15	0.120	1.0	187	174
FXFQ125LUV1				1.5	15	0.120	1.2	209	200

Symbols:
MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
kW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:
1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min.15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXFQ25LUV1	FXFQ32LUV1	FXFQ40LUV1	FXFQ50LUV1	FXFQ63LUV1	FXFQ80LUV1	FXFQ100LUV1	FXFQ125LUV1
Printed circuit board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–	–	–	–	–	–
Fan motor thermal protector	°C	–	–	–	–	–	–	–	–

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7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXFQ-LU	25	1.9	1.9	2.3	2.3	2.6	2.6	2.8	2.8	2.8	2.8	2.9	2.7	3.0	2.6
	32	2.4	2.4	2.9	2.8	3.4	3.1	3.6	3.1	3.6	3.1	3.7	3.1	3.8	3.0
	40	3.0	2.9	3.6	3.4	4.2	3.7	4.5	3.8	4.6	3.7	4.7	3.6	4.8	3.5
	50	3.8	3.4	4.5	3.9	5.2	4.3	5.6	4.4	5.7	4.4	5.8	4.2	5.9	4.1
	63	4.8	4.3	5.7	4.9	6.6	5.5	7.1	5.6	7.2	5.5	7.4	5.4	7.5	5.2
	80	6.1	5.1	7.2	5.8	8.4	6.5	9.0	6.6	9.1	6.6	9.3	6.4	9.5	6.2
	100	7.6	6.8	9.0	7.8	10.5	8.7	11.2	8.9	11.3	8.8	11.6	8.5	11.9	8.3
	125	9.4	7.9	11.3	9.0	13.1	10.1	14.0	10.3	14.2	10.2	14.5	9.9	14.9	9.6

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ▭ shows rated condition.

7.2 Correction Factor for Te: 9°C

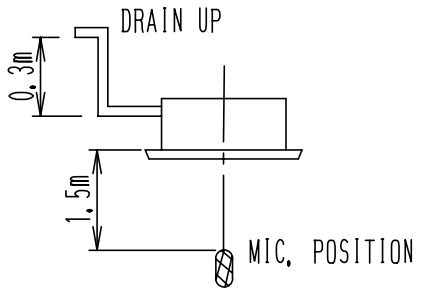
When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXFQ25LUV1	TC	0.696	0.741	0.794	0.813	0.831	0.861	0.884
	SHF	1.156	1.151	1.107	1.091	1.077	1.053	1.037
FXFQ32LUV1	TC	0.673	0.728	0.784	0.803	0.820	0.851	0.874
	SHF	1.175	1.155	1.107	1.091	1.077	1.052	1.036
FXFQ40LUV1	TC	0.681	0.732	0.786	0.805	0.821	0.852	0.875
	SHF	1.165	1.152	1.106	1.090	1.077	1.053	1.036
FXFQ50LUV1	TC	0.662	0.692	0.755	0.779	0.800	0.834	0.858
	SHF	1.173	1.183	1.121	1.096	1.079	1.054	1.035
FXFQ63LUV1	TC	0.664	0.693	0.756	0.781	0.803	0.834	0.858
	SHF	1.168	1.182	1.121	1.095	1.078	1.054	1.035
FXFQ80LUV1	TC	0.670	0.693	0.756	0.784	0.807	0.834	0.858
	SHF	1.154	1.181	1.120	1.093	1.075	1.055	1.036
FXFQ100LUV1	TC	0.678	0.697	0.763	0.790	0.810	0.834	0.858
	SHF	1.140	1.174	1.115	1.089	1.073	1.060	1.048
FXFQ125LUV1	TC	0.680	0.697	0.763	0.790	0.810	0.834	0.858
	SHF	1.136	1.175	1.115	1.089	1.072	1.061	1.049

8. Sound Levels

Overall

Location of microphone (for sound pressure level)



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

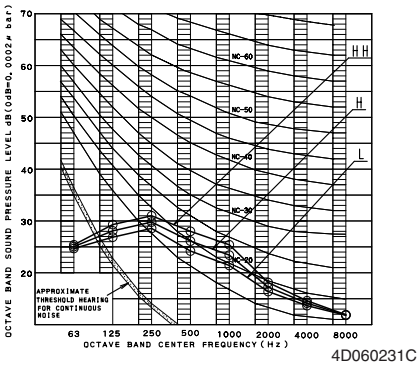
dB(A)

Model	Sound pressure level		
	220-240V, 50Hz		
	HH	H	L
FXFQ25LUV1 FXFQ32LUV1	30	28.5	27
FXFQ40LUV1	31	29	27
FXFQ50LUV1	32	29.5	27
FXFQ63LUV1	34	31	28
FXFQ80LUV1	36	33.5	31
FXFQ100LUV1	43	37.5	32
FXFQ125LUV1	44	39	34

Octave Band Level

○——○ 220-240V, 50Hz

FXFQ25LUV1 / FXFQ32LUV1



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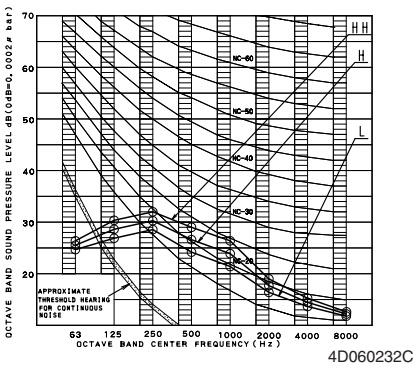
FXFQ40LUV1



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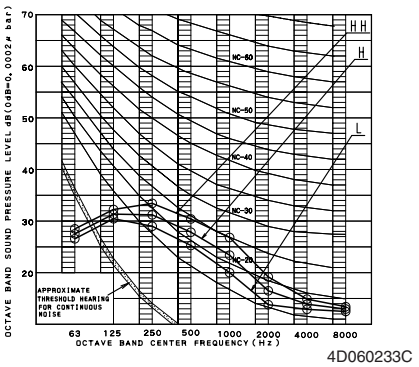
FXFQ50LUV1



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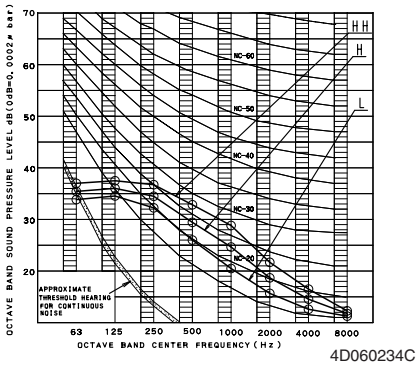
FXFQ63LUV1



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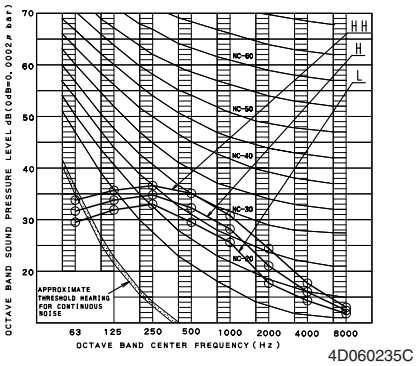
FXFQ80LUV1



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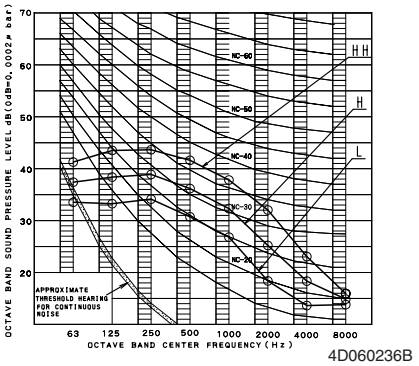
FXFQ100LUV1



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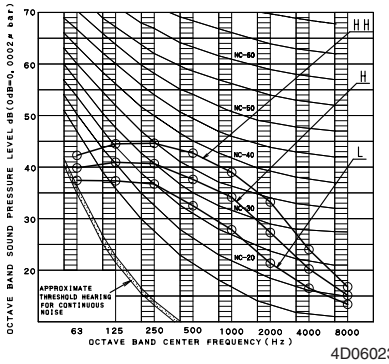
FXFQ125LUV1



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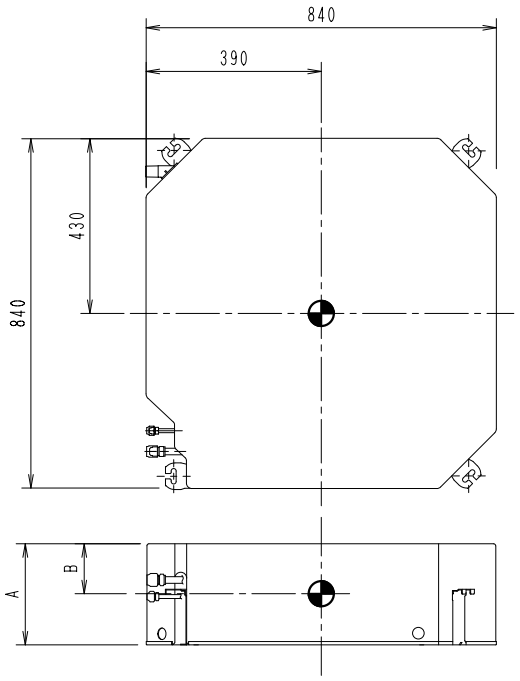
9. Centre of Gravity

FXFQ25LUV1 / FXFQ32LUV1 / FXFQ40LUV1 / FXFQ50LUV1 / FXFQ63LUV1 / FXFQ80LUV1 / FXFQ100LUV1 / FXFQ125LUV1

Unit (mm)



MODEL NAME	A	B
FXYFP28~90MB FXYFP28~90MC, FXYFP28~90MD FXYFP28~90B , FXYFP28~90BA FXFQ25~80PVE(D) FXFQ25~80PAVD FHCXP28~90A, FHCXP28~90AM FHCXP28~90B, FHCXP28~90CB FXFQ25~80PVET FXFQ25~80LUV1(LV14) FXFQ25~80LV2S, FXFQ25~80SVM	246	90
FXYFP112~160MB FXYFP112~160MC, FXYFP112~160MD FXYFP112~160B , FXYFP112~160BA FXFQ100・125PVE(D) FXFQ100・125PAVD FHCXP112~160A, FHCXP112~160AM FHCXP112~160B, FHCXP112~160CB FXFQ100・125PVET FXFQ100・125LUV1(LV14) FXFQ100・125LV2S FXFQ100・125SVM	288	120

C: 4D052237L

10. Accessories

10.1 Optional Accessories (for Unit)

Item			Model							
			FXFQ25LUV1	FXFQ32LUV1	FXFQ40LUV1	FXFQ50LUV1	FXFQ63LUV1	FXFQ80LUV1	FXFQ100LUV1	FXFQ125LUV1
Decoration panel			BYCP125K-W1							
Sealing member of air discharge outlet			KDBH55K160F							
Panel spacer			KDBP55H160FA							
Filter related	High efficiency filter unit	65%	KAFP556B80						KAFP556B160	
		90%	KAFP557B80						KAFP557B160	
	Replacement high efficiency filter	65%	KAFP552B80						KAFP552B160	
		90%	KAFP553B80						KAFP553B160	
	Filter chamber		KDDFP55B160							
	Replacement long life filter	Non-woven type	KAFP551K160							
	Ultra long-life filter		KAFP55B160							
	Replacement ultra long life filter		KAFP55H160H							
Fresh air intake kit	Chamber type	Without T-joint pipe and fan	KDDP55B160							
		With T-joint pipe without fan	KDDP55B160K							
	Direct installation type		KDDP55X160							
Branch duct chamber			KDJP55B80						KDJP55B160	
Chamber connection kit			KKSJ55KA160							
Insulation kit for high humidity			KDTP55K80						KDTP55K160	

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10.2 Optional Accessories (for Controls)

Refer to page 728.

FXZQ-M
Ceiling Mounted Cassette (Compact Multi Flow) Type

4

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1. Specifications

Ceiling mounted cassette (Compact multi flow) type

Model				FXZQ20MVE	FXZQ25MVE	FXZQ32MVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity			kcal/h	1,900	2,400	3,100
			Btu/h	7,500	9,600	12,300
			kW	2.2	2.8	3.6
Casing / Colour				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	286×575×575	286×575×575	286×575×575
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	2×10×1.5	2×10×1.5	2×10×1.5
	Face area		m²	0.269	0.269	0.269
Fan	Model			QTS32C15M	QTS32C15M	QTS32C15M
	Type			Turbo fan	Turbo fan	Turbo fan
	Motor output × Number of units		W	55×1	55×1	55×1
	Airflow rate (H/L)		m³/min	9.0/7.0	9.0/7.0	9.5/7.5
			l/s	150/116	150/116	158/125
			cfm	318/247	318/247	335/265
	Drive			Direct drive	Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material				Foamed polystyrene/ Foamed polyethylene	Foamed polystyrene/ Foamed polyethylene	Foamed polystyrene/ Foamed polyethylene
Piping connections	Liquid pipes		mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes		mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe		mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass			kg	18	18	18
★3 Sound pressure level (H/L)		230V, 50Hz	dB(A)	30/25	30/25	32/26
		240V, 50Hz		32/26	32/26	34/28
Sound power level (H)		230V, 50Hz	dB(A)	47	47	49
		240V, 50Hz		49	49	51
Safety devices				Printed circuit board fuse. Fan motor thermal protector.	Printed circuit board fuse. Fan motor thermal protector.	Printed circuit board fuse. Fan motor thermal protector.
Refrigerant control				Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model			BYFQ60B3W1	BYFQ60B3W1	BYFQ60B3W1
	Panel colour			White (6.5Y9.5/0.5)	White (6.5Y9.5/0.5)	White (6.5Y9.5/0.5)
	Dimensions: (H×W×D)		mm	55×700×700	55×700×700	55×700×700
	Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass		kg	2.7	2.7	2.7
Standard accessories				Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.
Drawing No.				C: 3D038929C		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Ceiling mounted cassette (Compact multi flow) type

Model			FXZQ40MVE	FXZQ50MVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	3,900	4,800
		Btu/h	15,400	19,100
		kW	4.5	5.6
Casing / Colour			Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	286×575×575	286×575×575
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×10×1.5	2×10×1.5
	Face area	m²	0.269	0.269
Fan	Model		QTS32C15M	QTS32C15M
	Type		Turbo fan	Turbo fan
	Motor output × Number of units	W	55×1	55×1
	Airflow rate (H/L)	m³/min	11.0/8.0	14.0/10.0
		l/s	183/133	233/166
		cfm	388/282	493/353
	Drive		Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polystyrene/Foamed polyethylene	Foamed polystyrene/Foamed polyethylene
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 / Internal dia. 20)	VP20 (External dia. 26 / Internal dia. 20)
Mass		kg	18	18
★3 Sound pressure level (H/L)	230V, 50Hz	dB(A)	36/28	41/33
	240V, 50Hz		37/29	42/35
Sound power level (H)	230V, 50Hz	dB(A)	53	58
	240V, 50Hz		54	59
Safety devices			Printed circuit board fuse. Fan motor thermal protector.	Printed circuit board fuse. Fan motor thermal protector.
Refrigerant control			Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYFQ60B3W1	BYFQ60B3W1
	Panel colour		White (6.5Y9.5/0.5)	White (6.5Y9.5/0.5)
	Dimensions: (H×W×D)	mm	55×700×700	55×700×700
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass	kg	2.7	2.7
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Washer fixing plate. Sealing pads. Clamps. Screws. Washer for hanging bracket. Insulation for fitting.
Drawing No.			C: 3D038929C	

Notes:

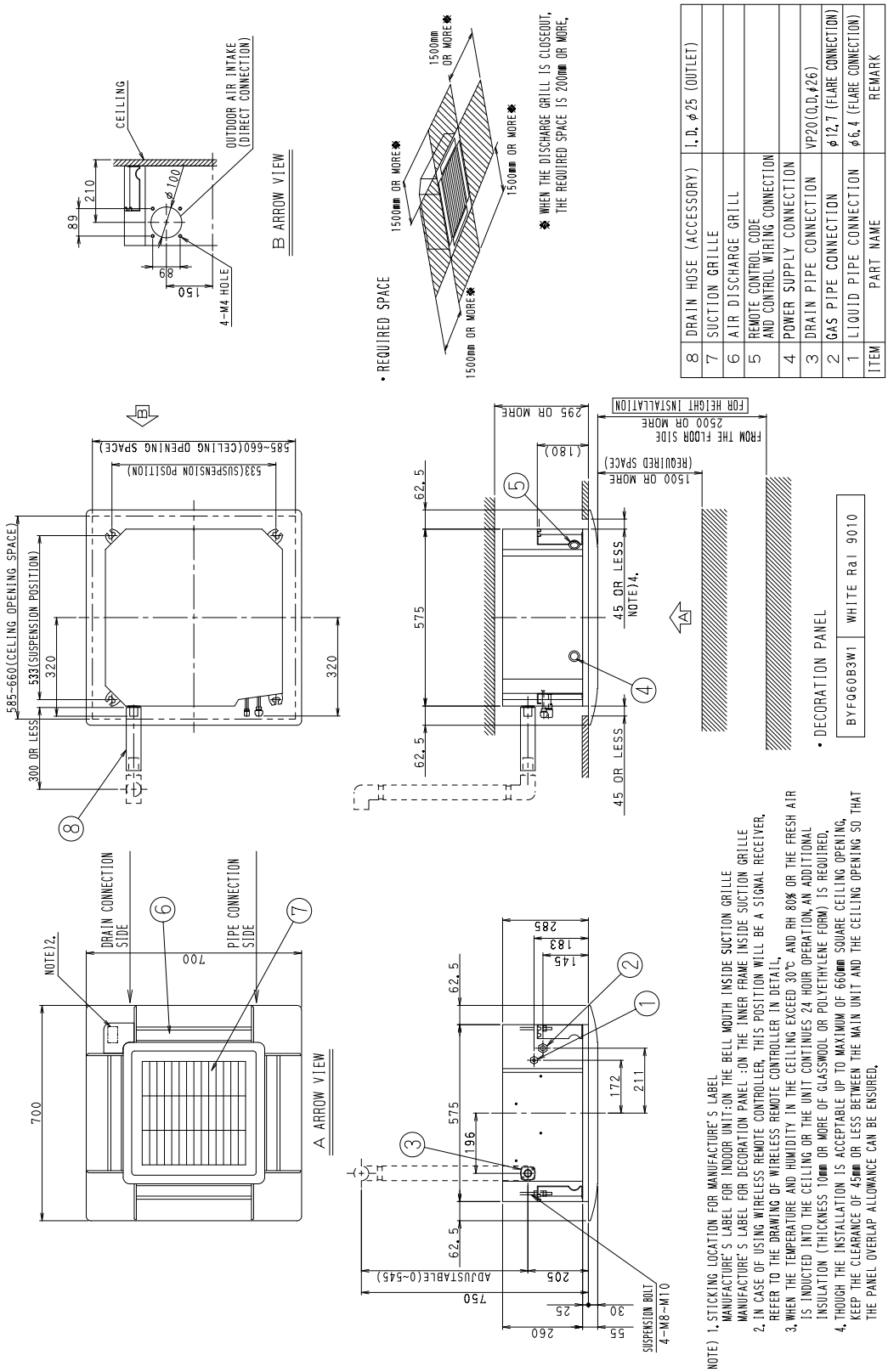
★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

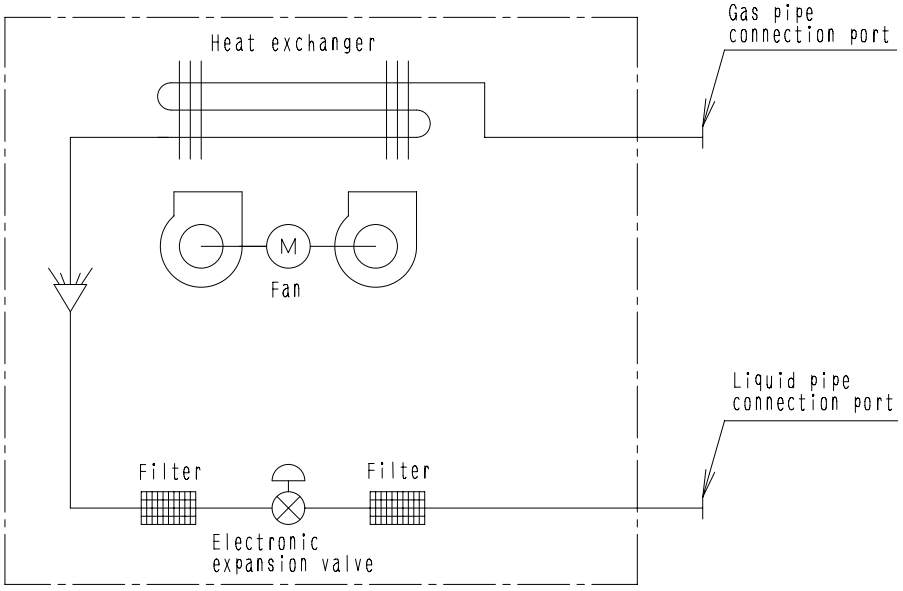
2. Dimensions

FXZQ20MVE / FXZQ25MVE / FXZQ32MVE / FXZQ40MVE / FXZQ50MVE

Unit (mm)



3. Piping Diagrams



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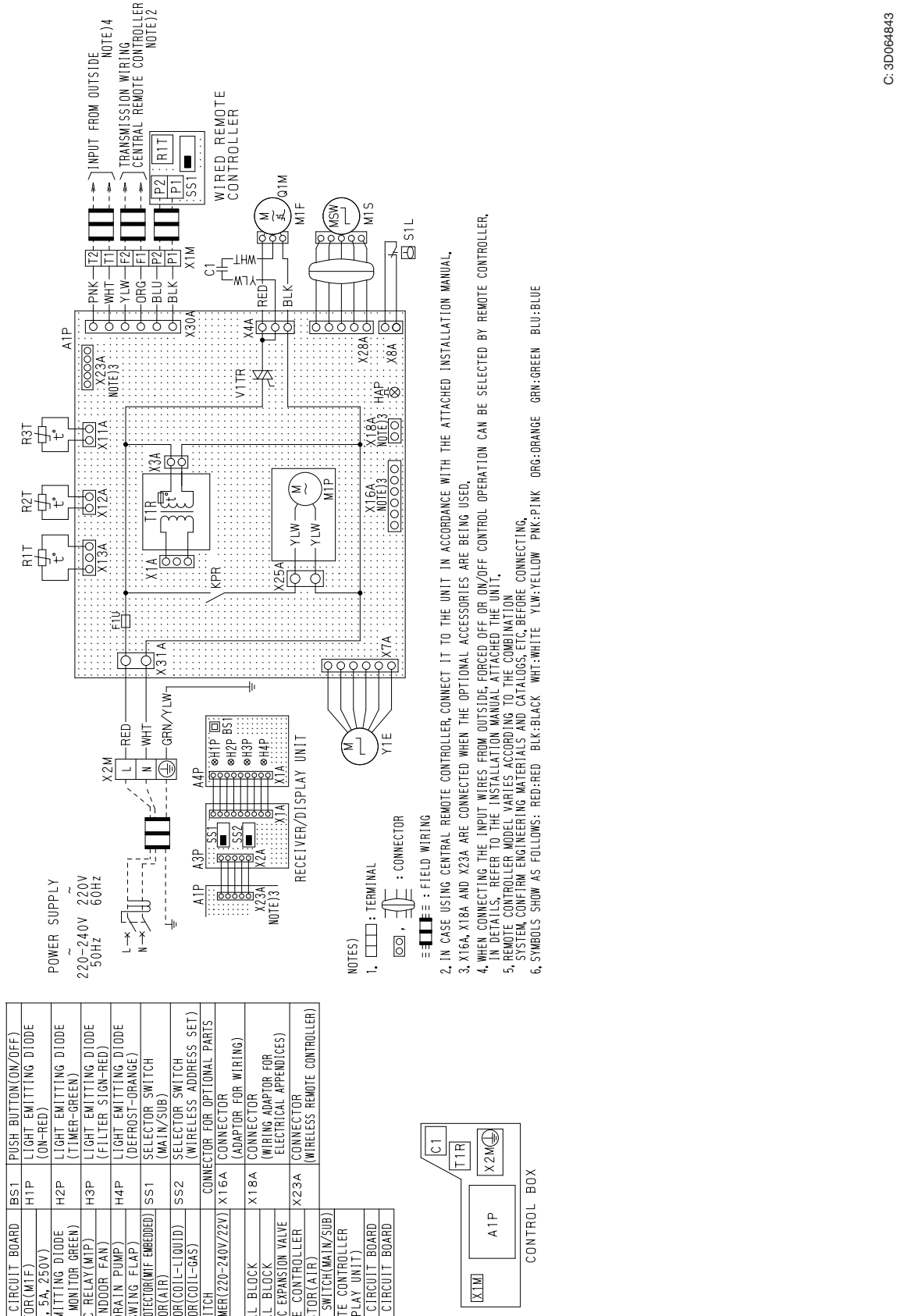
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXZQ20MVE / FXZQ25MVE / FXZQ32MVE / FXZQ40MVE / FXZQ50MVE	ϕ12.7	ϕ6.4

4. Wiring Diagrams

FXZQ20MVE / FXZQ25MVE / FXZQ32MVE / FXZQ40MVE / FXZQ50MVE



A1P	PRINTED CIRCUIT BOARD	BS1	PUSH BUTTON(ON/OFF)
C1	CAPACITOR(M1F)	H1P	LIGHT EMITTING DIODE (ON-RED)
F1U	FUSE(Ⓑ, 5A, 250V)	H2P	LIGHT EMITTING DIODE (TIMER-GREEN)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)	H3P	LIGHT EMITTING DIODE (FILTER SIGN-RED)
KPR	MAGNETIC RELAY(M1P)	H4P	LIGHT EMITTING DIODE (DEFROST-ORANGE)
M1F	MOTOR(INDOOR FAN)	SS1	SELECTOR SWITCH (MAIN/SUB)
M1P	MOTOR(DRAIN PUMP)	SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
M1S	MOTOR(SWING FLAP)		CONNECTOR FOR OPTIONAL PARTS
Q1M	THERMAL PROTECTOR(M1F EMBEDDED)	X16A	CONNECTOR (ADAPTOR FOR WIRING)
R1T	THERMISTOR(AIR)	X18A	CONNECTOR (WIRING ADAPTOR FOR ELECTRICAL APPENDICES)
R2T	THERMISTOR(COIL-LIQUID)	X23A	CONNECTOR (WIRELESS REMOTE CONTROLLER)
R3T	THERMISTOR(COIL-GAS)		
S1L	FLOAT SWITCH		
T1R	TRANSFORMER(220-240V/22V)		
V1TR	TRIAC		
X1M	TERMINAL BLOCK		
X2M	TERMINAL BLOCK		
Y1E	ELECTRONIC EXPANSION VALVE		
	WIRED REMOTE CONTROLLER		
R1T	THERMISTOR(AIR)		
SS1	SELECTOR SWITCH(MAIN/SUB)		
	WIRELESS REMOTE CONTROLLER (RECEIVER/DISPLAY UNIT)		
A3P	PRINTED CIRCUIT BOARD		
A4P	PRINTED CIRCUIT BOARD		

5. Electric Characteristics

FXZQ20MVE / FXZQ25MVE / FXZQ32MVE / FXZQ40MVE / FXZQ50MVE

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXZQ20MVE	50	220-240	MAX. 264 Min. 198	0.8	15	0.055	0.6	73	64
FXZQ25MVE				0.8	15	0.055	0.6	73	64
FXZQ32MVE				0.8	15	0.055	0.6	76	68
FXZQ40MVE				0.8	15	0.055	0.6	89	80
FXZQ50MVE				0.9	15	0.055	0.7	115	107
FXZQ20MVE	60	220	MAX. 242 Min. 198	0.8	15	0.055	0.6	75	69
FXZQ25MVE				0.8	15	0.055	0.6	75	69
FXZQ32MVE				0.8	15	0.055	0.6	80	73
FXZQ40MVE				0.8	15	0.055	0.6	95	88
FXZQ50MVE				0.9	15	0.055	0.7	128	122

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
kW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min.15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXZQ20MVE	FXZQ25MVE	FXZQ32MVE	FXZQ40MVE	FXZQ50MVE
Printed circuit board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–	–	–
Fan motor thermal protector	°C	OFF: 130±5 ON : 83±20	OFF: 130±5 ON : 83±20	OFF: 130±5 ON : 83±20	OFF: 130±5 ON : 83±20	OFF: 130±5 ON : 83±20

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7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXZQ-M	20	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.6	2.3	1.5	2.3	1.4
	25	1.9	1.5	2.3	1.8	2.6	2.0	2.8	2.0	2.8	1.9	2.9	1.8	3.0	1.7
	32	2.4	1.9	2.9	2.1	3.4	2.4	3.6	2.4	3.6	2.2	3.7	2.2	3.8	2.1
	40	3.0	2.5	3.6	2.9	4.2	3.2	4.5	3.3	4.6	3.2	4.7	3.1	4.8	2.9
	50	3.8	3.1	4.5	3.6	5.2	4.0	5.6	4.1	5.7	4.1	5.8	3.9	5.9	3.7

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

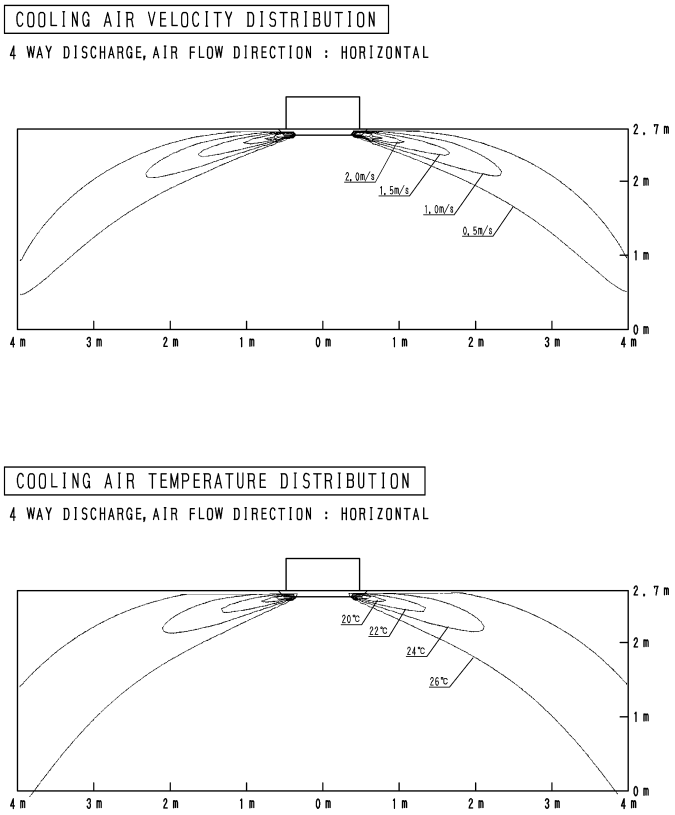
7.2 Correction Factor for Te: 9°C

When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXZQ20MVE	TC	0.655	0.695	0.757	0.779	0.797	0.832	0.860
	SHF	1.196	1.179	1.118	1.095	1.080	1.052	1.031
FXZQ25MVE	TC	0.655	0.695	0.757	0.779	0.797	0.832	0.860
	SHF	1.196	1.179	1.118	1.095	1.080	1.052	1.031
FXZQ32MVE	TC	0.656	0.694	0.757	0.779	0.797	0.833	0.876
	SHF	1.194	1.180	1.119	1.095	1.080	1.051	1.032
FXZQ40MVE	TC	0.666	0.687	0.751	0.775	0.794	0.826	0.856
	SHF	1.174	1.189	1.125	1.099	1.081	1.056	1.034
FXZQ50MVE	TC	0.674	0.691	0.753	0.777	0.798	0.832	0.856
	SHF	1.150	1.182	1.121	1.096	1.077	1.055	1.036

8. Air Velocity and Temperature Distributions (Reference Data)

FXZQ20MVE / FXZQ25MVE (Cooling)



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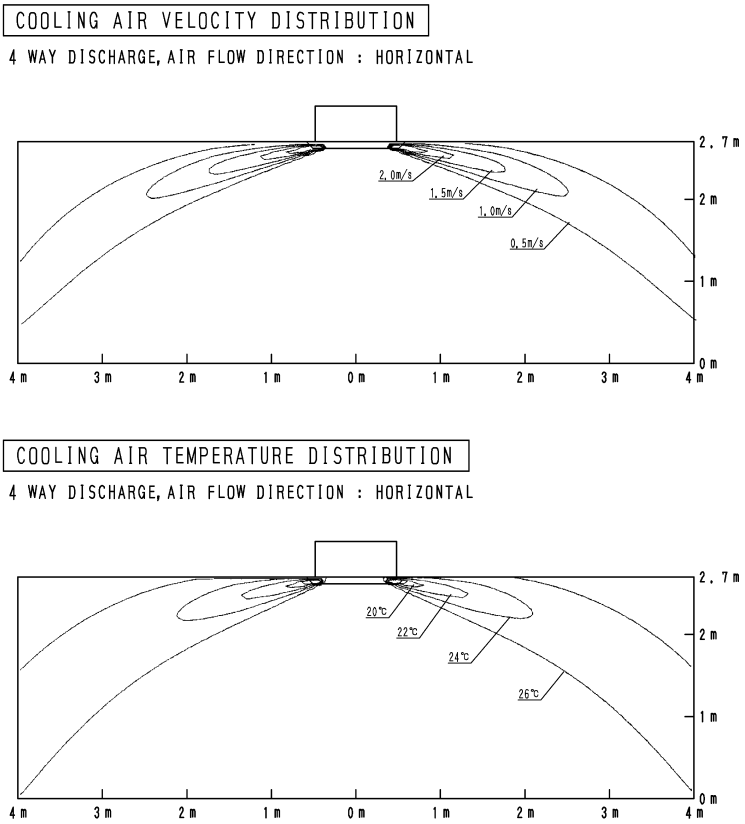
FXZQ32MVE (Cooling)



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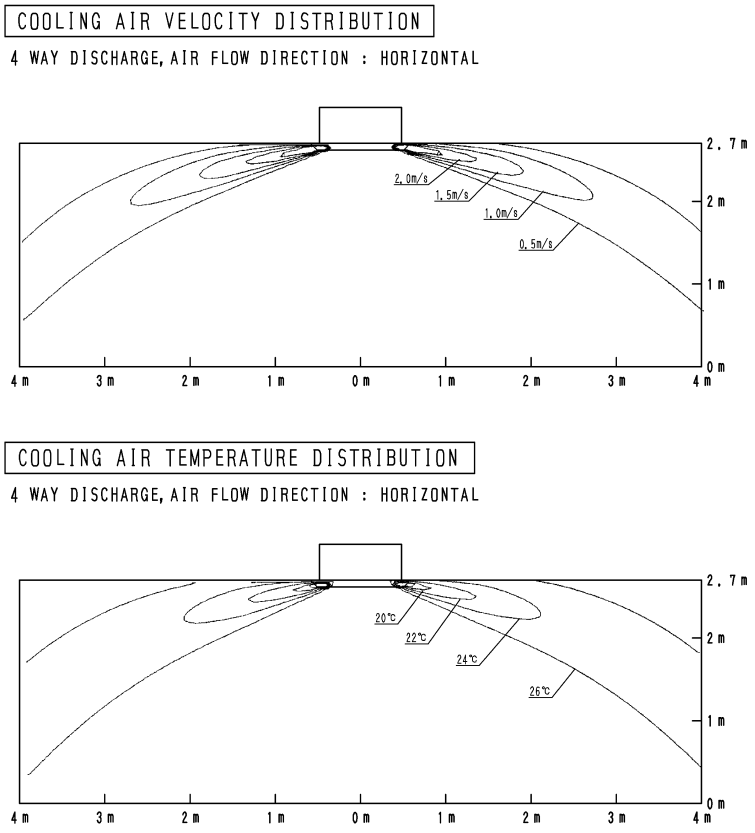
FXZQ40MVE (Cooling)



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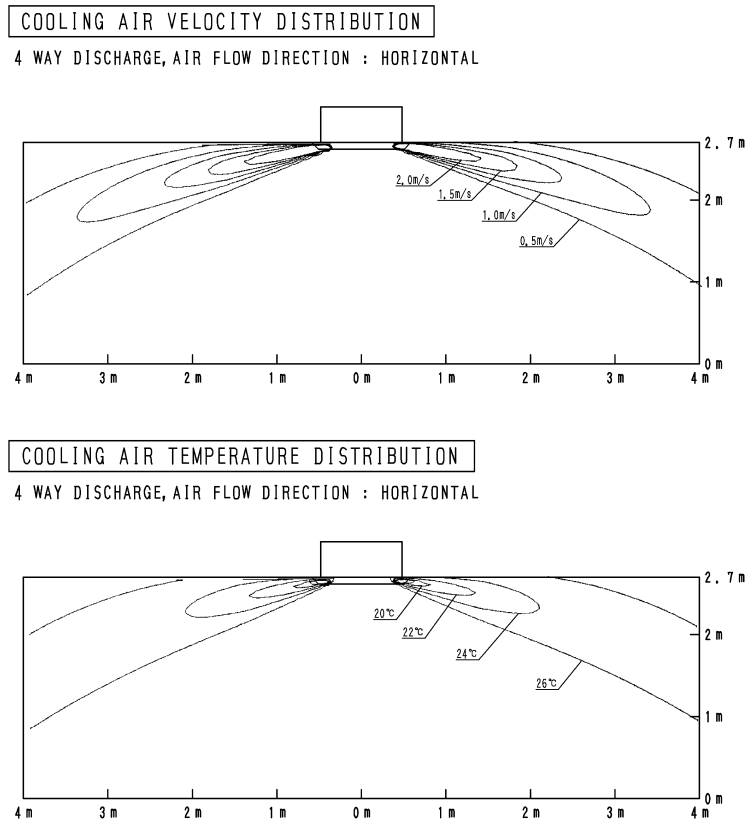
FXZQ50MVE (Cooling)



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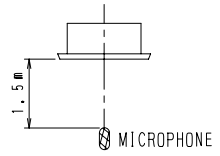
9. Sound Levels

Overall

Location of microphone (for sound pressure level)



Notes:

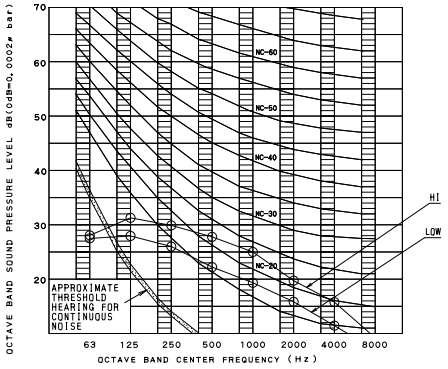
1. The operating conditions are assumed to be standard (JIS conditions)
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

dB(A)

Model	Sound pressure level				Sound power level	
	230V, 50Hz		240V, 50Hz		230V, 50Hz	240V, 50Hz
	H	L	H	L	H	H
FXZQ20MVE FXZQ25MVE	30	25	32	26	47	49
FXZQ32MVE	32	26	34	28	49	51
FXZQ40MVE	36	28	37	29	53	54
FXZQ50MVE	41	33	42	35	58	59

Octave Band Level (230V, 50Hz)

FXZQ20MVE / FXZQ25MVE



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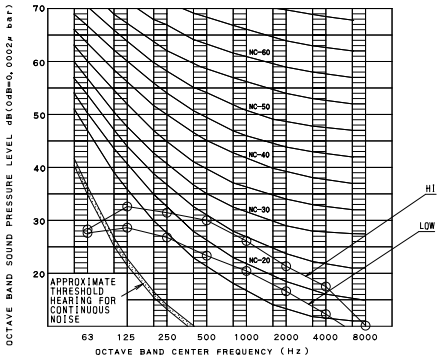
FXZQ32MVE



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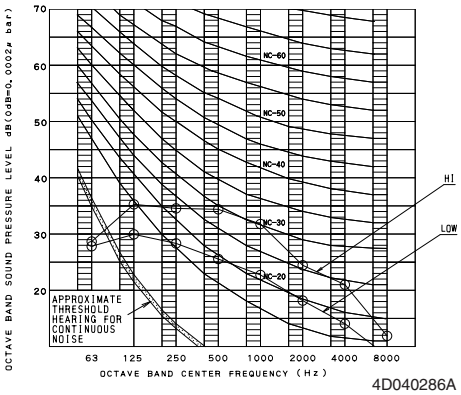
FXZQ40MVE



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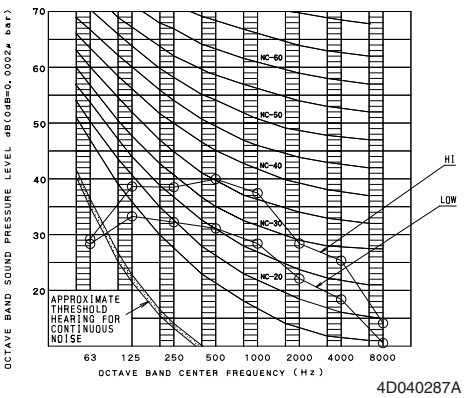
FXZQ50MVE



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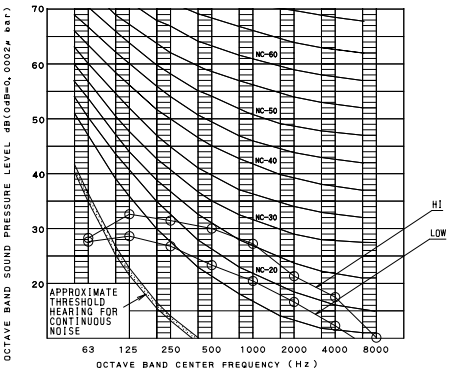
Octave Band Level (240V, 50Hz)

FXZQ20MVE / FXZQ25MVE



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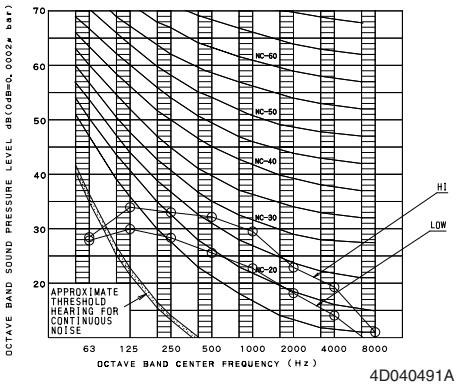
FXZQ32MVE



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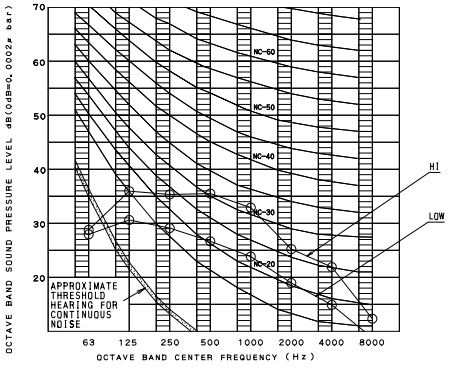
FXZQ40MVE



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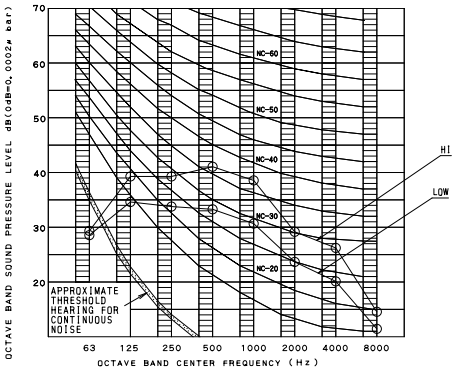
FXZQ50MVE



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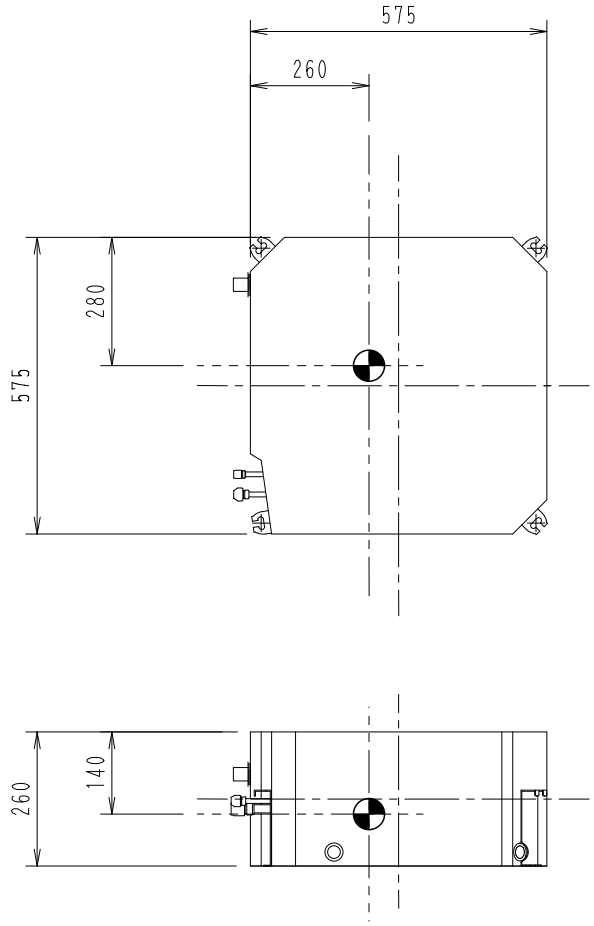
10. Centre of Gravity

FXZQ20MVE / FXZQ25MVE / FXZQ32MVE / FXZQ40MVE / FXZQ50MVE

Unit (mm)



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11. Accessories

11.1 Optional Accessories (for Unit)

Item		Model				
		FXZQ20MVE	FXZQ25MVE	FXZQ32MVE	FXZQ40MVE	FXZQ50MVE
Decoration panel		BYFQ60B3W1				
Sealing material of air discharge outlet		KDBH44BA60				
Panel spacer		KDBQ44BA60A				
Replacement long-life filter		KAFQ441BA60				
Fresh air intake kit	Direct installation type	KDDQ44XA60				

C: 3D038933B

11.2 Optional Accessories (for Controls)

Refer to page 728.

FXUQ-A
4-Way Flow Ceiling Suspended Type

1. Specifications 90
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4. Wiring Diagrams 93
5. Electric Characteristics 94
6. Safety Devices Setting 95
7. Capacity Tables 96
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   7.2 Correction Factor for Te: 9°C 97
8. Sound Levels 98
9. Accessories 99
   9.1 Optional Accessories (For Unit) 99
   9.2 Optional Accessories (For Control) 99

1. Specifications

4-way flow ceiling suspended type

Model			FXUQ71AVEB	FXUQ100AVEB
Power supply			1 phase, 220-240/220-230V, 50/60Hz	1 phase, 220-240/220-230V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	6,900	9,600
		Btu/h	27,300	38,200
		kW	8.0	11.2
Casing colour			Fresh white	Fresh white
Dimensions: (H×W×D)		mm	198×950×950	198×950×950
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×10×1.2	3×10×1.2
	Face area	m²	0.330	0.330
Fan	Model		QTS48D11M	QTS48D11M
	Type		Turbo fan	Turbo fan
	Motor output × Number of units	W	46×1	106×1
	Airflow rate (H/M/L)	m³/min	22.5/19.5/16	31/26/21
		l/s	375/325/267	517/433/350
		cfm	794/688/565	1,094/918/741
	Drive		Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Insulation	Heat insulation		Heat resistant foamed polyethylene / Regular foamed polyethylene	Heat resistant foamed polyethylene / Regular foamed polyethylene
Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)
Piping connections	Liquid pipes	mm	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass		kg	26	27
★3 Sound pressure level (H/M/L)		dB(A)	40/38/36	47/44/40
Sound power level (H/M/L)		dB(A)	58/56/54	65/62/58
Safety devices			Fuse	Fuse
Standard accessories			Operation manual. Installation manual. Declaration of conformity. Drain hose. Metal clamp. Washer for hanger. Clamp. Washer clamp. Joint insulating material. Sealing material. Elbow. Installation pattern paper. Blocking material. L-bent piping. Screw. Non woven fabric.	Operation manual. Installation manual. Declaration of conformity. Drain hose. Metal clamp. Washer for hanger. Clamp. Washer clamp. Joint insulating material. Sealing material. Elbow. Installation pattern paper. Blocking material. L-bent piping. Screw. Non woven fabric.
Drawing No.			C: 4D080137	

Notes:

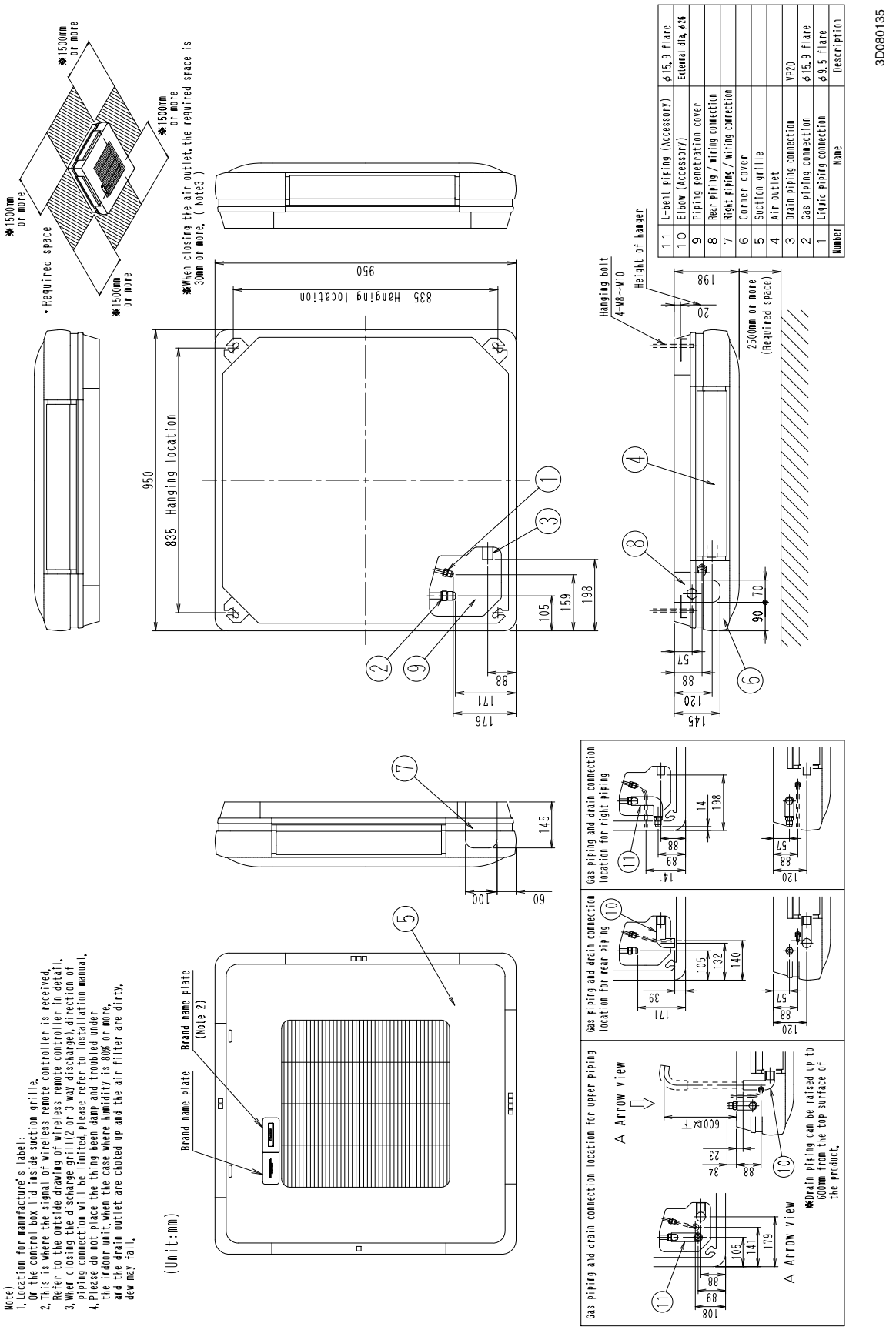
★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. The capacity of the indoor unit is only for reference. The actual capacity of the indoor unit is based on the total capacity index.
★3. Anechoic chamber conversion value, measured at a point 1m in front of the unit and 1m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

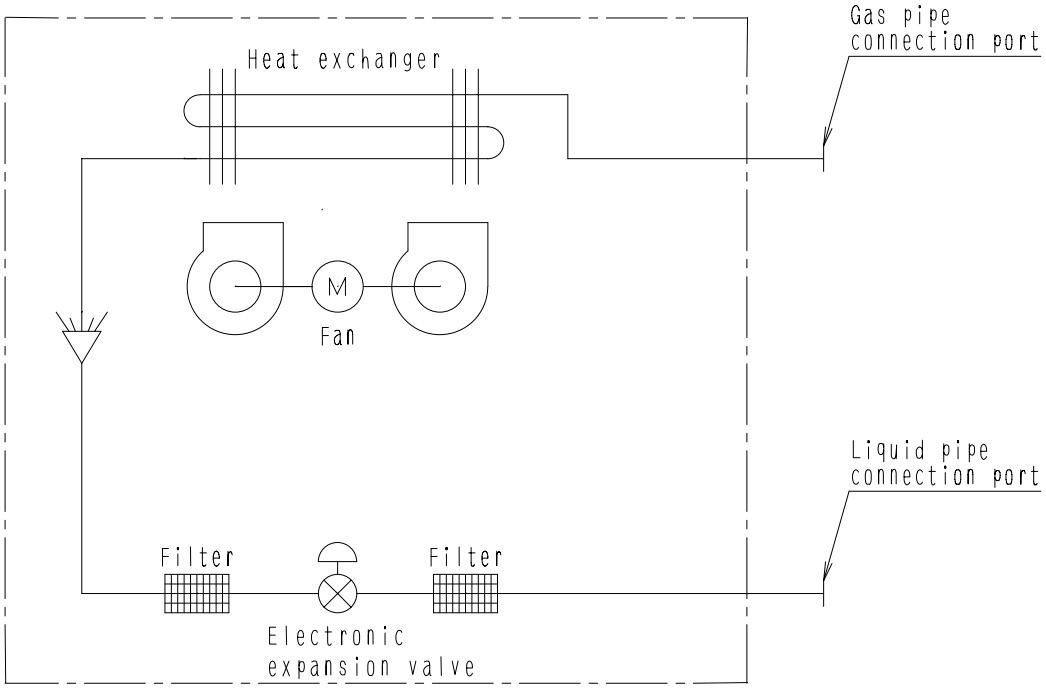
FXUQ71AVEB / FXUQ100AVEB

Unit (mm)



3. Piping Diagrams

FXUQ71AVEB / FXUQ100AVEB



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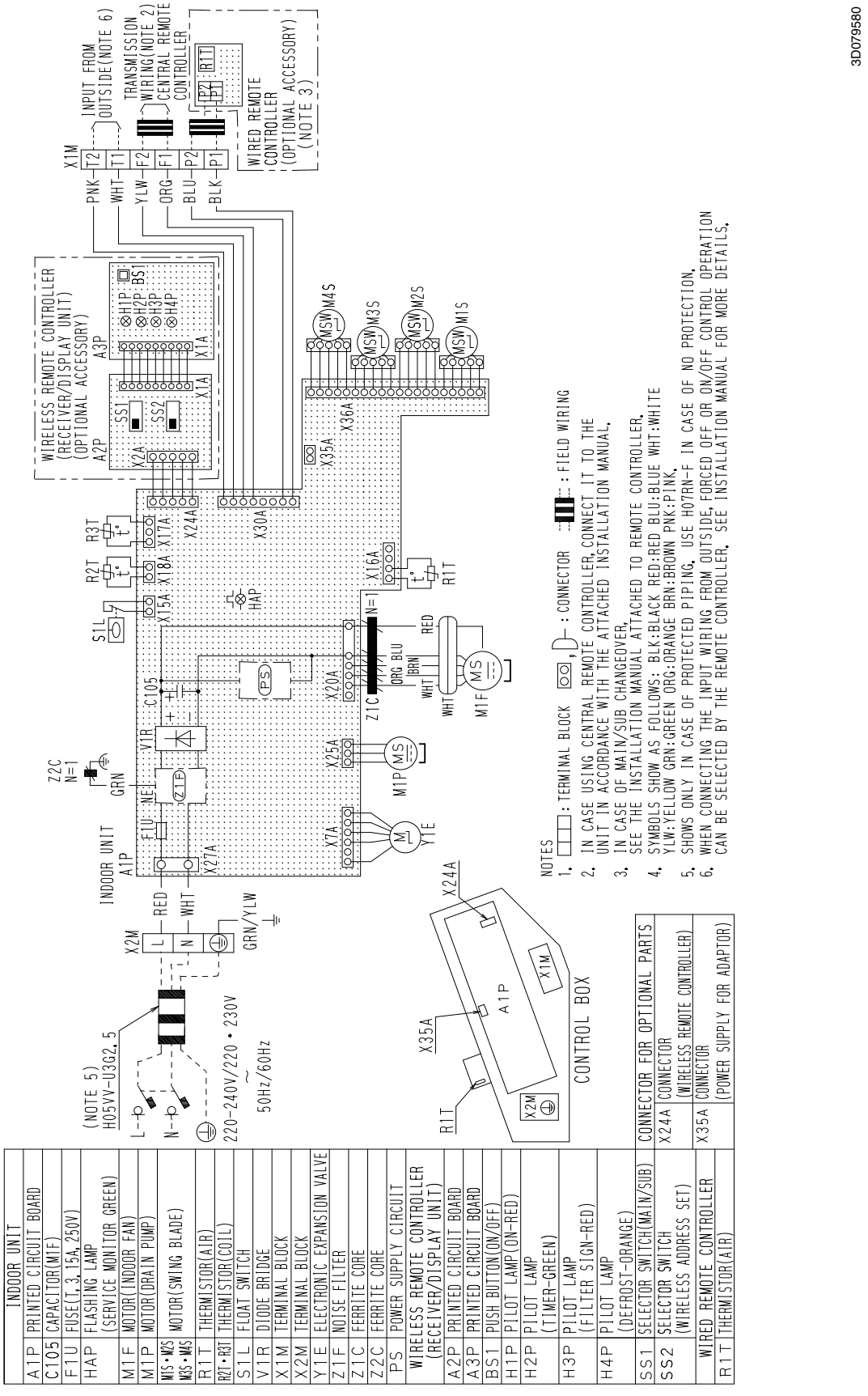
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXUQ71AVEB / FXUQ100AVEB	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXUQ71AVEB / FXUQ100AVEB



INDOOR UNIT	
A1P	PRINTED CIRCUIT BOARD
C105	CAPACITOR(M1F)
F1U	FUSE(T,3.15A,250V)
HAP	FLASHING LAMP (SERVICE MONITOR GREEN)
M1F	MOTOR(INDOOR FAN)
M1P	MOTOR(DRAIN PUMP)
M1S・M2S M3S・M4S	MOTOR(SWING BLADE)
R1T	THERMISTOR(AIR)
R2T・R3T	THERMISTOR(COIL)
S1L	FLOAT SWITCH
V1R	DIODE BRIDGE
X1M	TERMINAL BLOCK
X2M	TERMINAL BLOCK
Y1E	ELECTRONIC EXPANSION VALVE
Z1F	NOISE FILTER
Z1C	FERRITE CORE
Z2C	FERRITE CORE
PS	POWER SUPPLY CIRCUIT
WIRELESS REMOTE CONTROLLER (RECEIVER/DISPLAY UNIT)	
A2P	PRINTED CIRCUIT BOARD
A3P	PRINTED CIRCUIT BOARD
BS1	PUSH BUTTON(ON/OFF)
H1P	PILOT LAMP(ON-RED)
H2P	PILOT LAMP (TIMER-GREEN)
H3P	PILOT LAMP (FILTER SIGN-RED)
H4P	PILOT LAMP (DEFROST-ORANGE)
SS1	SELECTOR SWITCH(MAIN/SUB)
SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
WIRED REMOTE CONTROLLER	
R1T	THERMISTOR(AIR)

CONNECTOR FOR OPTIONAL PARTS	
X24A	CONNECTOR (WIRELESS REMOTE CONTROLLER)
X35A	CONNECTOR (POWER SUPPLY FOR ADAPTOR)

5. Electric Characteristics

FXUQ71AVEB / FXUQ100AVEB

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXUQ71AVEB	50	220-240	Max. 264	0.6	16	0.046	0.5	90	73
FXUQ100AVEB	60	220•230	Min. 198	1.4	16	0.106	1.1	200	179

Symbols:
MCA : Min. Circuit Amps(A)
MFA : Max. Fuse Amps (A) (See note 5)
kW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:
1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min. 16A)
4. Select wiring size based on the MCA.
5. Instead of fuse, use Circuit Breaker.

Minimum Ssc value	kVA	EN61000-3-2 is applied.

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6. Safety Devices Setting

Model		FXUQ71AVEB	FXUQ100AVEB
Fuse		250V 3.15A	250V 3.15A
Fan motor thermal fuse	°C	–	–
Fan motor thermal protector	°C	–	–

4D013856M

7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXUQ-A	71	5.4	4.6	6.4	5.2	7.5	5.9	8.0	6.0	8.4	6.1	8.6	5.9	8.8	5.8
	100	7.6	6.1	9.0	7.0	10.5	7.9	11.2	8.1	11.3	7.9	11.6	7.7	11.9	7.4

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

7.2 Correction Factor for Te: 9°C

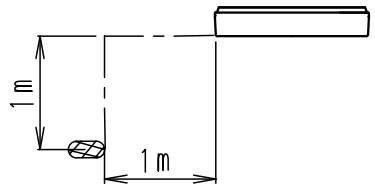
When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXUQ71AVEB	TC	0.688	0.747	0.797	0.815	0.833	0.862	0.884
	SHF	1.166	1.134	1.097	1.083	1.068	1.053	1.039
FXUQ100AVEB	TC	0.722	0.756	0.806	0.824	0.840	0.868	0.890
	SHF	1.124	1.134	1.096	1.083	1.070	1.053	1.045

8. Sound Levels

Overall

Location of microphone (for sound pressure level)



dB(A)

Model	Sound pressure level		
	220-240/220-230V, 50/60Hz		
	H	M	L
FXUQ71AVEB	40	38	36
FXUQ100AVEB	47	44	40

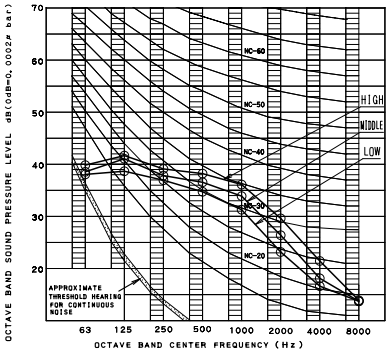
Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipments installed.

Octave Band Level

○——○ 220-240/220-230V, 50/60Hz

FXUQ71AVEB



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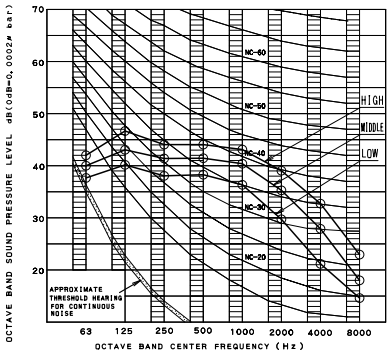
FXUQ100AVEB



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9. Accessories

9.1 Optional Accessories (for Unit)

Item	Model	
	FXUQ71AVEB	FXUQ100AVEB
Sealing member of air discharge outlet	KDBHP49B140	
Decoration panel for air discharge	KDBTP49B140	
Replacement long-life filter	KAFP551K160	

C: 3D080116A

9.2 Optional Accessories (for Control)

Refer to page 728.

FXCQ-M
Ceiling Mounted Cassette (Double Flow) Type

1. Specifications 102
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3. Piping Diagrams 108
4. Wiring Diagrams 109
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6. Safety Devices Setting 112
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   7.1 Cooling Capacity 113
   7.2 Correction Factor for Te: 9°C 114
8. Sound Levels 115
9. Centre of Gravity 116
10. Accessories 117
   10.1 Optional Accessories (for Unit) 117
   10.2 Optional Accessories (for Controls) 117

1. Specifications

Ceiling mounted cassette (Double flow) type

Model			FXCQ20MVE	FXCQ25MVE	FXCQ32MVE	FXCQ40MVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	1,900	2,400	3,100	3,900
		Btu/h	7,500	9,600	12,300	15,400
		kW	2.2	2.8	3.6	4.5
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	305×775×600	305×775×600	305×775×600	305×990×600
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×10×1.5	2×10×1.5	2×10×1.5	2×10×1.5
	Face area	m²	2×0.100	2×0.100	2×0.100	2×0.145
Fan	Model		D17K2AA1	D17K2AB1	D17K2AB1	2D17K1AA1
	Type		Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	10×1	15×1	15×1	20×1
	Airflow rate (H/L)	m³/min	7/5	9/6.5	9/6.5	12/9
		l/s	116/83	150/108	150/108	200/150
		cfm	247/177	318/230	318/230	424/318
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass wool/Urethane foam	Glass wool/Urethane foam	Glass wool/Urethane foam	Glass wool/Urethane foam
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass		kg	26	26	26	31
★3 Sound pressure level (H/L)	220V, 50/60Hz	dB(A)	32/27	34/28	34/28	34/29
	240V, 50Hz		34/29	36/30	36/30	37/32
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYBC32G-W1	BYBC32G-W1	BYBC32G-W1	BYBC50G-W1
	Panel colour		White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)
	Dimensions: (H×W×D)	mm	53×1,030×680	53×1,030×680	53×1,030×680	53×1,245×680
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass	kg	8	8	8	8.5
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.
Drawing No.			C: 3D039413			

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Ceiling mounted cassette (Double flow) type

Model			FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	4,800	6,100	7,700	12,000
		Btu/h	19,100	24,200	30,700	47,800
		kW	5.6	7.1	9.0	14.0
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	305×990×600	305×1,175×600	305×1,665×600	305×1,665×600
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×10×1.5	2×10×1.5	2×10×1.5	2×10×1.5
	Face area	m²	2×0.145	2×0.184	2×0.287	2×0.287
Fan	Model		2D17K1AA1	2D17K2AA1VE	3D17K2AA1	3D17K2AB1
	Type		Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	20×1	30×1	50×1	85×1
	Airflow rate (H/L)	m³/min	12/9	16.5/13	26/21	33/25
		l/s	200/150	275/216	433/350	550/416
		cfm	424/318	582/459	918/741	1,165/883
	Drive		Direct drive	Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass wool/Urethane foam	Glass wool/Urethane foam	Glass wool/Urethane foam	Glass wool/Urethane foam
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass		kg	32	35	47	48
★3 Sound pressure level (H/L)	220V, 50/60Hz	dB(A)	34/29	37/32	39/34	44/38
	240V, 50Hz		37/32	39/34	41/36	46/40
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model		BYBC50G-W1	BYBC63G-W1	BYBC125G-W1	BYBC125G-W1
	Panel colour		White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)
	Dimensions: (H×W×D)	mm	53×1,245×680	53×1,430×680	53×1,920×680	53×1,920×680
	Air filter		Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass	kg	8.5	9.5	12	12
Standard accessories			Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.	Operation manual. Installation manual. Paper pattern for installation. Washer for hanging brackets. Clamp metal. Drain hose. Insulation for fitting. Washer fixing plates. Sealing pads. Clamps. Screws. Washers.
Standard accessories			C: 3D039413			

Notes:

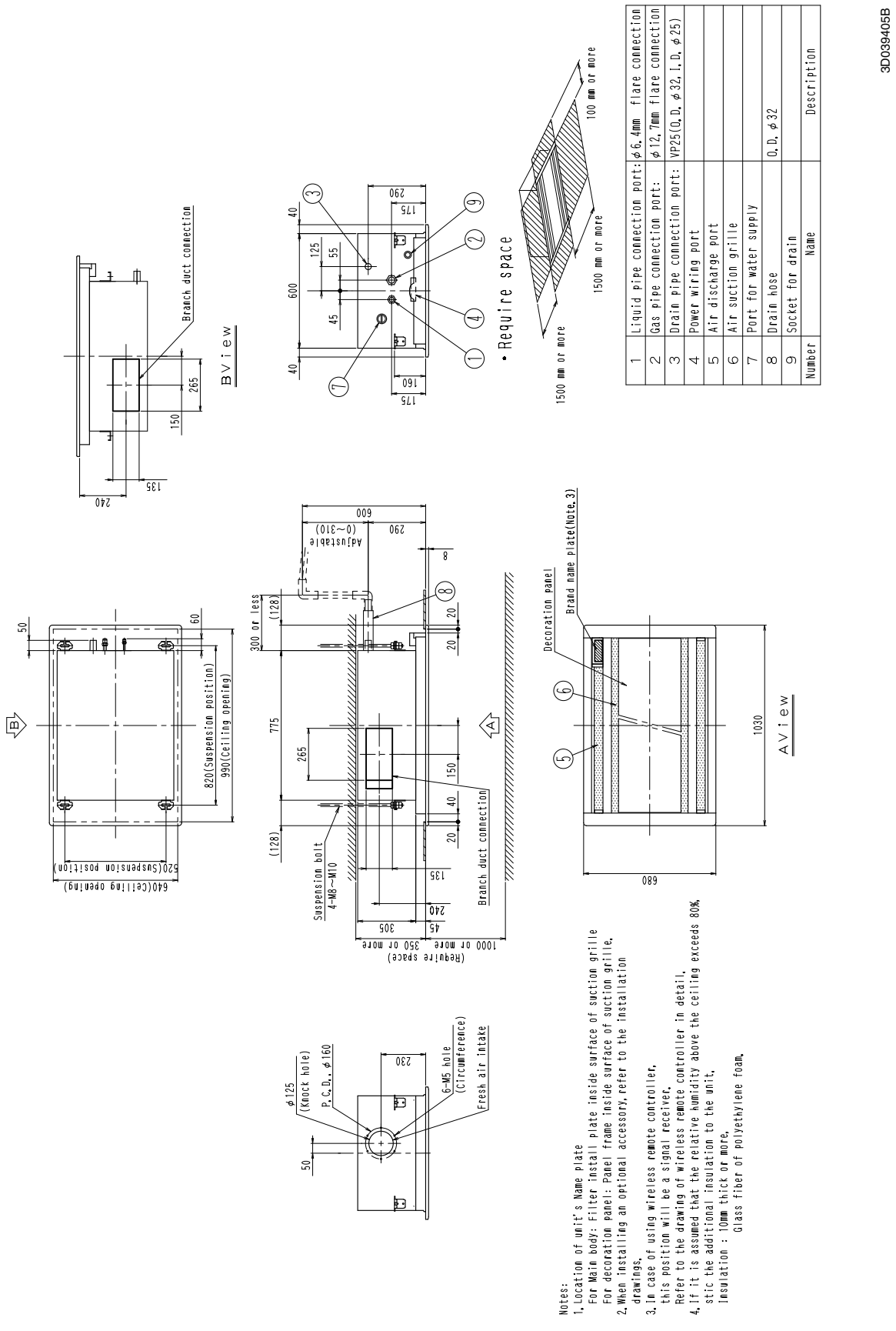
★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

FXCQ20MVE + BYBC32G-W1 (Decoration panel)
FXCQ25MVE + BYBC32G-W1 (Decoration panel)
FXCQ32MVE + BYBC32G-W1 (Decoration panel)

Unit (mm)

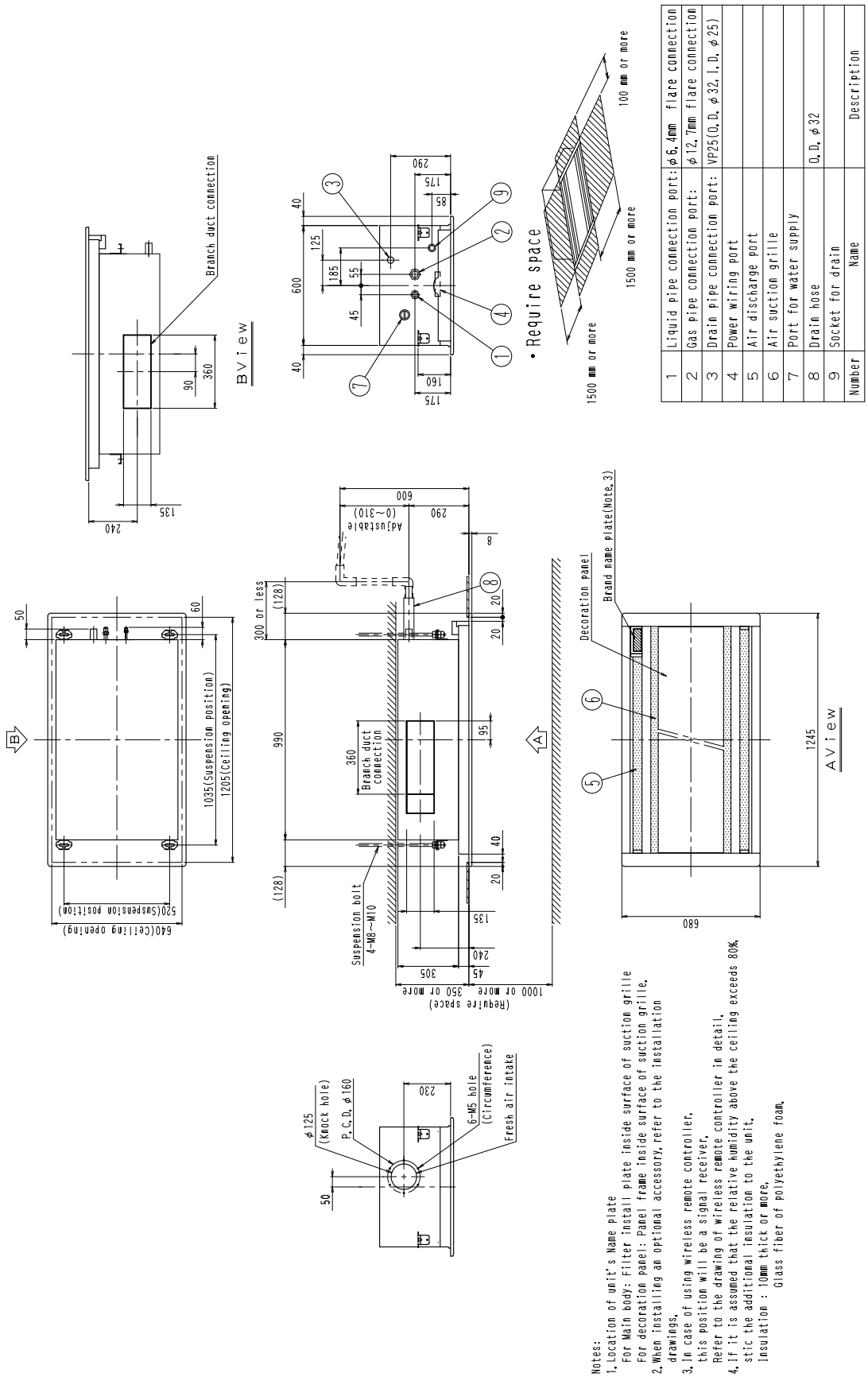


Number	Name	Description
1	Liquid pipe connection port:	φ6.4mm flare connection
2	Gas pipe connection port:	φ12.7mm flare connection
3	Drain pipe connection port:	VP25(O.D. φ32, I.D. φ25)
4	Power wiring port	
5	Air discharge port	
6	Air suction grille	
7	Port for water supply	
8	Drain hose	O.D. φ32
9	Socket for drain	

Notes:
1. Location of unit's Name plate
   For Main body: Filter install plate inside surface of suction grille
   For decoration panel: Panel frame inside surface of suction grille.
2. When installing an optional accessory, refer to the installation drawings.
3. In case of using wireless remote controller, this position will be a signal receiver.
   Refer to the drawing of wireless remote controller in detail.
4. If it is assumed that the relative humidity above the ceiling exceeds 80%, stic the additional insulation to the unit.
   Insulation : 10mm thick or more.
   Glass fiber of polyethylene foam.

FXCQ40MVE + BYBC50G-W1 (Decoration panel)
FXCQ50MVE + BYBC50G-W1 (Decoration panel)

Unit (mm)

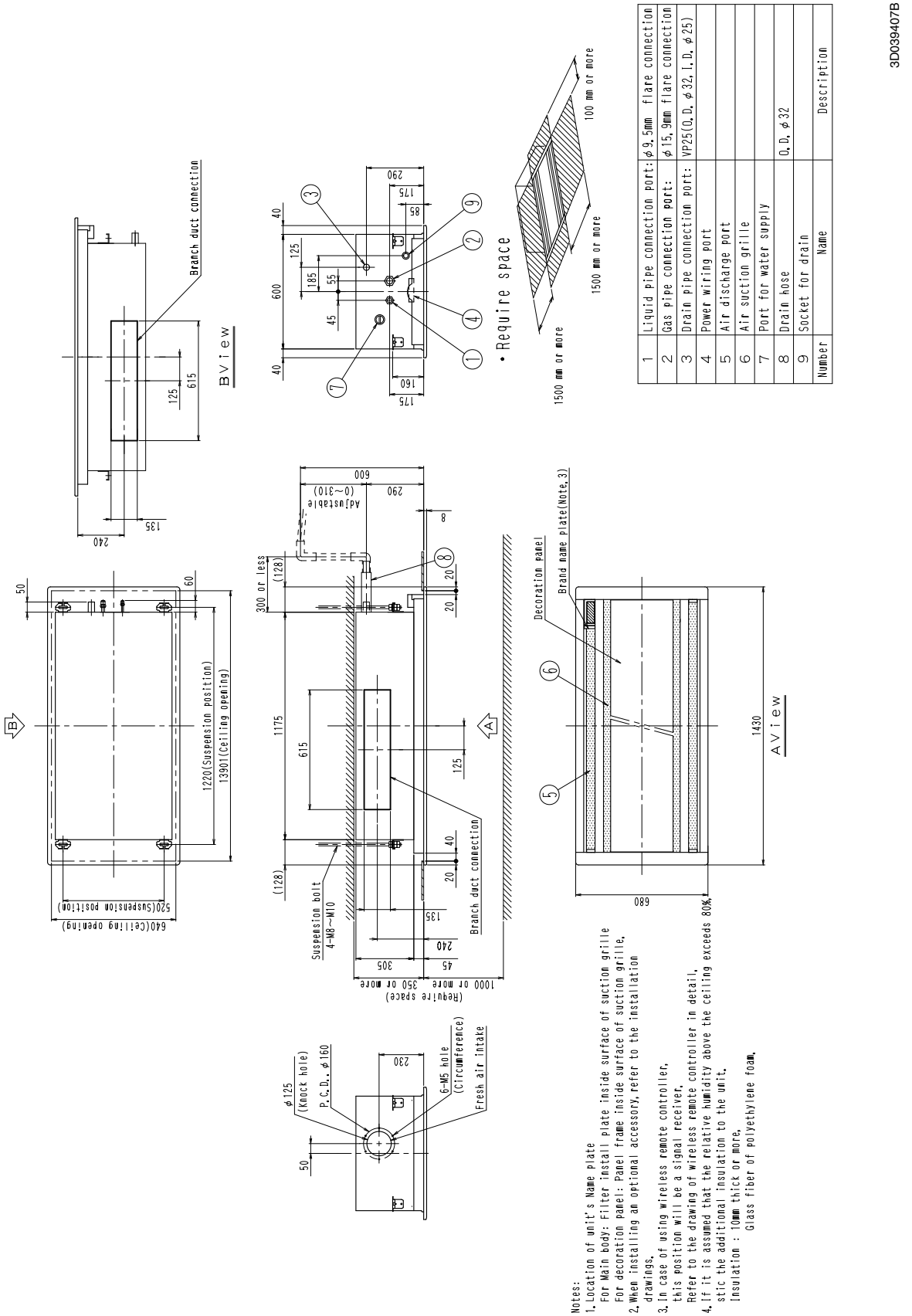


Number	Name	Description
1	Liquid pipe connection port:	φ6.4mm flare connection
2	Gas pipe connection port:	φ12.7mm flare connection
3	Drain pipe connection port:	VP25(O.D. φ32, I.D. φ25)
4	Power wiring port	
5	Air discharge port	
6	Air suction grille	
7	Port for water supply	
8	Drain hose	O.D. φ32
9	Socket for drain	

Notes:
1. Location of unit's Name plate
   For Main body: Filter install plate inside surface of suction grille
   For decoration panel: Panel frame inside surface of suction grille.
2. When installing an optional accessory, refer to the installation drawings.
3. In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.
4. If it is assumed that the relative humidity above the ceiling exceeds 80% stic the additional insulation to the unit.
   Insulation : 10mm thick or more,
   Glass fiber of polyethylene foam.

FXCQ63MVE + BYBC63G-W1 (Decoration panel)

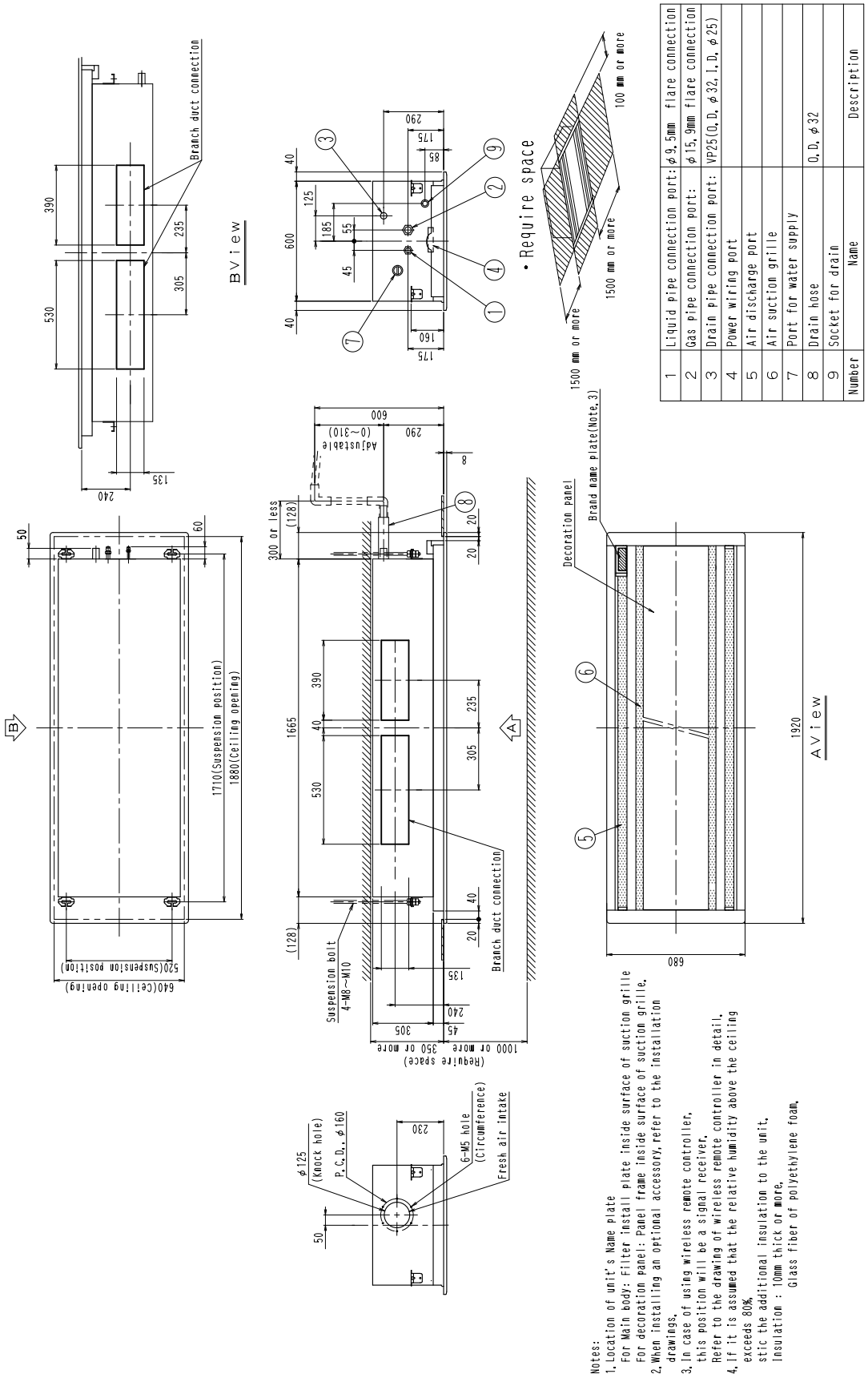
Unit (mm)



Number	Name	Description
1	Liquid pipe connection port:	φ9.5mm flare connection
2	Gas pipe connection port:	φ15.9mm flare connection
3	Drain pipe connection port:	VP25(O.D. φ32, I.D. φ25)
4	Power wiring port	
5	Air discharge port	
6	Air suction grille	
7	Port for water supply	
8	Drain hose	O.D. φ32
9	Socket for drain	

FXCQ80MVE + BYBC125G-W1 (Decoration panel)
FXCQ125MVE + BYBC125G-W1 (Decoration panel)

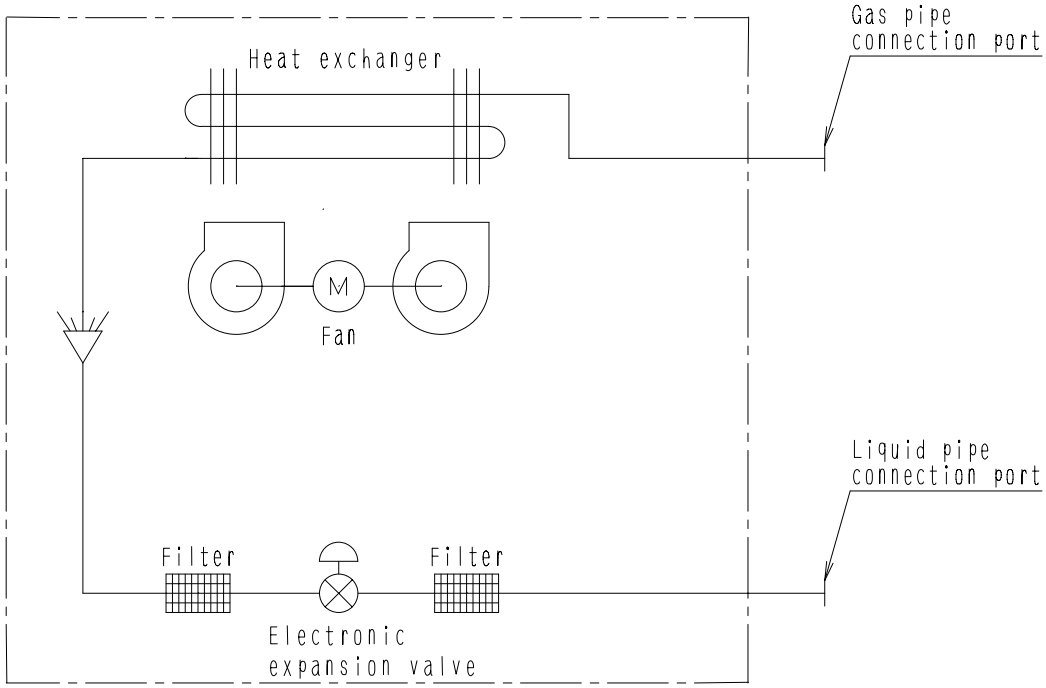
Unit (mm)



Number	Name	Description
1	Liquid pipe connection port:	ϕ9.5mm flare connection
2	Gas pipe connection port:	ϕ15.9mm flare connection
3	Drain pipe connection port:	VP25(O.D. ϕ32.I.D. ϕ25)
4	Power wiring port	
5	Air discharge port	
6	Air suction grille	
7	Port for water supply	
8	Drain hose	O.D. ϕ32
9	Socket for drain	

Notes:
1. Location of unit's Name plate
   For Main body: Filter install plate inside surface of suction grille
   For decoration panel: Panel frame inside surface of suction grille.
2. When installing an optional accessory, refer to the installation drawings.
3. In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.
4. If it is assumed that the relative humidity above the ceiling exceeds 80%, stic the additional insulation to the unit. Insulation : 10mm thick or more. Glass fiber of polyethylene foam.

3. Piping Diagrams



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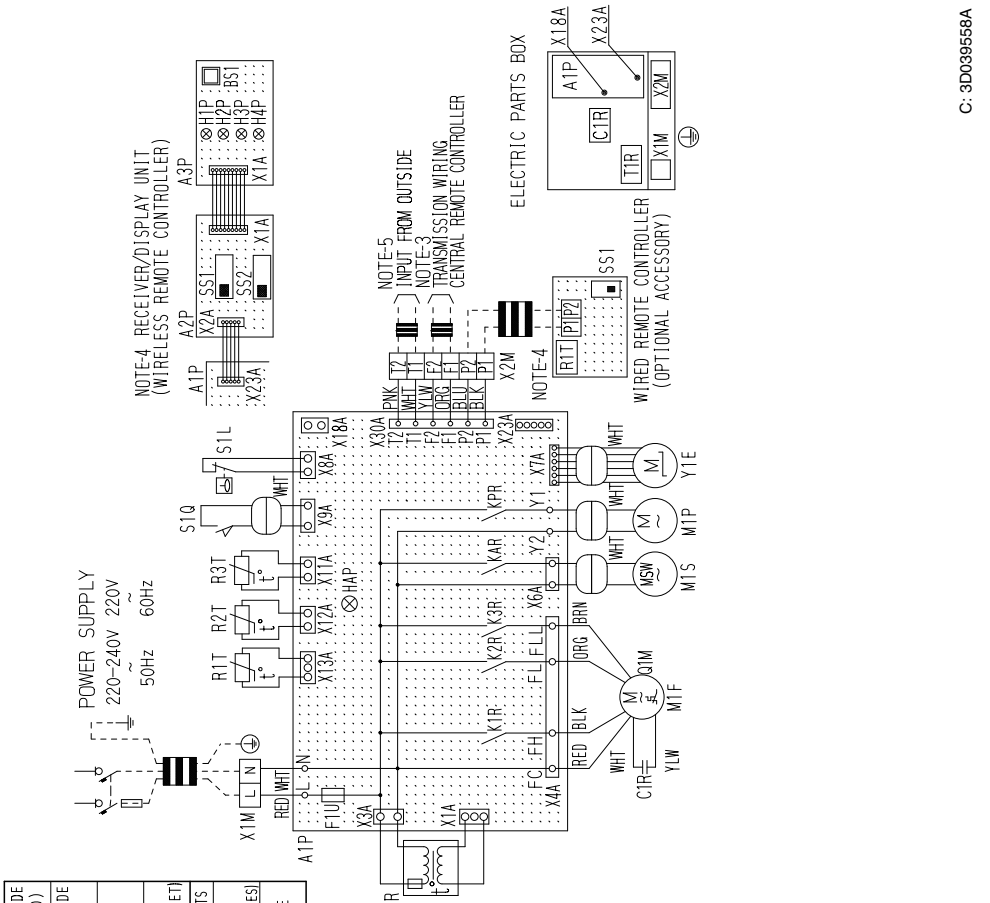
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXCQ20MVE / FXCQ25MVE / FXCQ32MVE / FXCQ40MVE / FXCQ50MVE	ϕ12.7	ϕ6.4
FXCQ63MVE / FXCQ80MVE / FXCQ125MVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXCQ20MVE / FXCQ25MVE / FXCQ32MVE / FXCQ63MVE

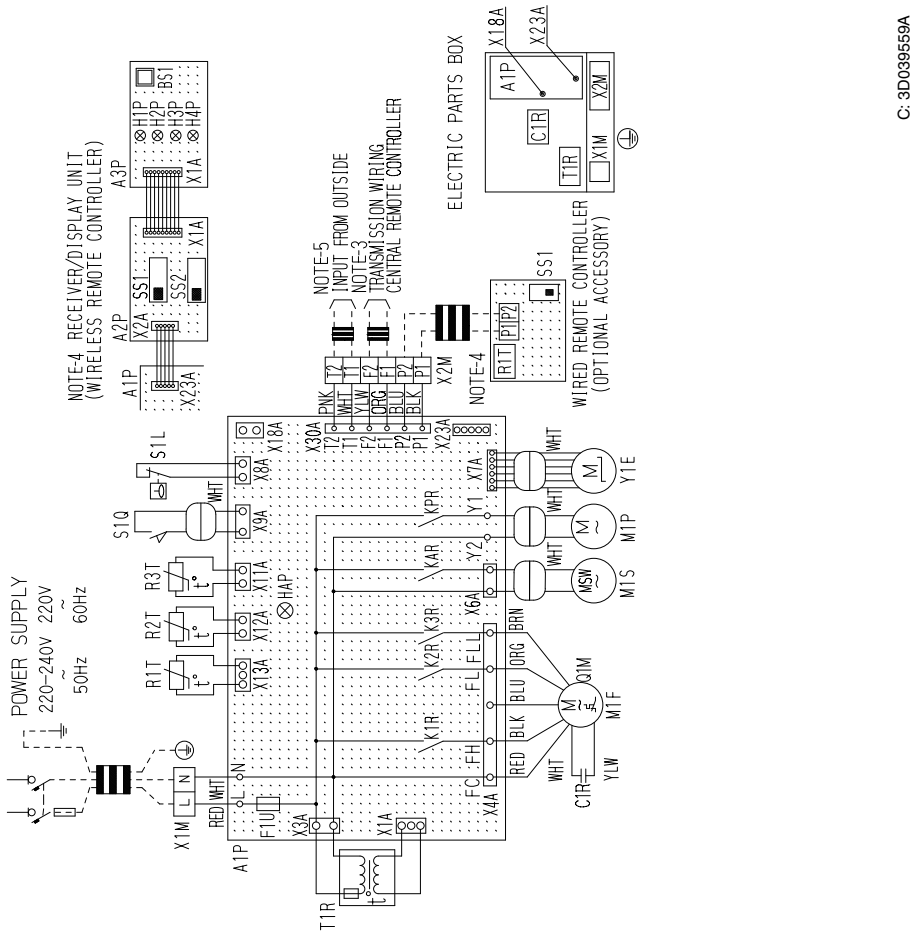


INDOOR UNIT		Q1M	THERMO SWITCH (MIF EMBEDDED)
A1P	PRINTED CIRCUIT BOARD		
C1R	CAPACITOR(MIF)	R1T	THERMISTOR(AIR)
F1U	FUSE(Ⓑ5A, 250V)	R2T·R3T	THERMISTOR(COIL)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)	S1L	FLOAT SWITCH
		S1Q	LIMIT SWITCH (SWING FLAP)
K1R·K3R	MAGNETIC RELAY(M1F)	T1R	TRANSFORMER(220-240V/22V)
KAR	MAGNETIC RELAY(M1S)	X1M	TERMINAL BLOCK(POWER)
KPR	MAGNETIC RELAY(M1P)	X2M	TERMINAL BLOCK(CONTROL)
M1F	MOTOR(INDOOR FAN)	Y1E	ELECTRONIC EXPANSION VALVE
M1P	MOTOR(DRAIN PUMP)		
M1S	MOTOR(SWING FLAP)		

WIRED REMOTE CONTROLLER		H3P	LIGHT EMITTING DIODE (FILTER SIGN-RED)
R1T	THERMISTOR(AIR)		
SS1	SELECTOR SWITCH (MAIN/SUB)	H4P	LIGHT EMITTING DIODE (DEFROST-ORANGE)
RECEIVER/DISPLAY UNIT (ATTACHED TO WIRELESS REMOTE CONTROLLER)		SS1	SELECTOR SWITCH (MAIN/SUB)
		SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
A2P	PRINTED CIRCUIT BOARD		
A3P	PRINTED CIRCUIT BOARD		CONNECTOR FOR OPTIONAL PARTS
BS1	PUSH BUTTON(ON/OFF)		
H1P	LIGHT EMITTING DIODE (ON-RED)	X18A	CONNECTOR (WIRING ADAPTOR FOR ELECTORICAL APPENDICES)
H2P	LIGHT EMITTING DIODE (TIMER-GREEN)	X23A	CONNECTOR (WIRELESS REMOTE CONTROLLER)

NOTES) 1. □□□□: TERMINAL BLOCK, ⊡⊡, ⊡–: CONNECTOR, —○—: TERMINAL
2. ⊢⊣: FIELD WIRING
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTRUCTION MANUAL.
4. X23A IS CONNECTED WHEN THE WIRELESS REMOTE CONTROLLER KIT IS BEING USED.
5. WHEN CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER. IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED THE UNIT.
6. SYMBOLS SHOWS AS FOLLOWS.
(PNK:PINK WHT:WHITE YLW:YELLOW ORG:ORANGE
BLU:BLUE BLK:BLACK RED:RED BRN:BROWN)
7. USE COPPER CONDUCTORS ONLY.

FXCQ40MVE / FXCQ50MVE / FXCQ80MVE / FXCQ125MVE



INDOOR UNIT			
A1P	PRINTED CIRCUIT BOARD	S1L	FLOAT SWITCH
C1R	CAPACITOR(M1F)	S1Q	LIMIT SWITCH (SWING FLAP)
F1U	FUSE(Ⓐ5A, 250V)	T1R	TRANSFORMER(220-240V/22V)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)	X1M	TERMINAL BLOCK(POWER)
		X2M	TERMINAL BLOCK(CONTROL)
K1R~K3R	MAGNETIC RELAY(M1F)	Y1E	ELECTRONIC EXPANSION VALVE
KAR	MAGNETIC RELAY(M1S)		
KPR	MAGNETIC RELAY(M1P)		WIRED REMOTE CONTROLLER
M1F	MOTOR(INDOOR FAN)	R1T	THERMISTOR(AIR)
M1P	MOTOR(DRAIN PUMP)	SS1	SELECTOR SWITCH (MAIN/SUB)
M1S	MOTOR (SWING FLAP)		
Q1M	THERMO SWITCH (M1F EMBEDDED)		RECEIVER/DISPLAY UNIT (ATTACHED TO WIRELESS REMOTE CONTROLLER)
R1T	THERMISTOR(AIR)	A2P	PRINTED CIRCUIT BOARD
R2T~R3T	THERMISTOR(COIL)	A3P	PRINTED CIRCUIT BOARD
		BS1	PUSH BUTTON(ON/OFF)
H1P	LIGHT EMITTING DIODE (ON-RED)		
H2P	LIGHT EMITTING DIODE (TIMER-GREEN)		
H3P	LIGHT EMITTING DIODE (FILTER SIGN-RED)		
H4P	LIGHT EMITTING DIODE (DEFROST-ORANGE)		
SS1	SELECTOR SWITCH (MAIN/SUB)		
SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)		
	CONNECTOR FOR OPTIONAL PARTS		
X18A	CONNECTOR (WIRING ADAPTOR FOR ELECTORICAL APPEND)(CES)		
X23A	CONNECTOR (WIRELESS REMOTE CONTROLLER)		

NOTES) 1. □□□ : TERMINAL BLOCK, ⊡⊡, ⊐ : CONNECTOR, —○— : TERMINAL
2. ▬ : FIELD WIRING
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTRUCTION MANUAL.
4. X23A IS CONNECTED WHEN THE WIRELESS REMOTE CONTROLLER KIT IS BEING USED.
5. WHEN CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER.
IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED THE UNIT.
6. SYMBOLS SHOWS AS FOLLOWS.
(PNK:PINK WHT:WHITE YLW:YELLOW ORG:ORANGE
BLU:BLUE BLK:BLACK RED:RED BRN:BROWN)
7. USE COPPER CONDUCTORS ONLY.

5. Electric Characteristics

FXCQ20MVE / FXCQ25MVE / FXCQ32MVE / FXCQ40MVE / FXCQ50MVE / FXCQ63MVE / FXCQ80MVE / FXCQ125MVE

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXCQ20MVE	50	220-240	MAX. 264 Min. 198	0.5	15	0.010	0.4	77	44
FXCQ25・32MVE				0.5	15	0.015	0.4	92	59
FXCQ40・50MVE				0.8	15	0.020	0.6	130	97
FXCQ63MVE				0.9	15	0.030	0.7	161	126
FXCQ80MVE				1.1	15	0.050	0.9	209	176
FXCQ125MVE				1.3	15	0.085	1.0	256	223
FXCQ20MVE	60	220	MAX. 242 Min. 198	0.5	15	0.010	0.4	81	48
FXCQ25・32MVE				0.5	15	0.015	0.4	95	62
FXCQ40・50MVE				0.8	15	0.020	0.6	132	99
FXCQ63MVE				0.9	15	0.030	0.7	157	124
FXCQ80MVE				1.3	15	0.050	1.0	216	183
FXCQ125MVE				1.5	15	0.085	1.2	278	245

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXCQ20MVE	FXCQ25MVE	FXCQ32MVE	FXCQ40MVE	FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE
Printed circuit board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	152±2	152±2	152±2	152±2	152±2	–	–	–
Fan motor thermal protector	°C	OFF: 130±5 (ON: 90±15)	OFF: 130±5 (ON: 90±15)	OFF: 130±5 (ON: 90±15)	–	–	OFF: 135±8 (ON: 87±15)	OFF: 135±8 (ON: 87±15)	OFF: 135±8 (ON: 87±15)
Drain pump thermal fuse	°C	169	169	169	169	169	169	169	169

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7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXCQ-M	20	1.5	1.4	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.6	2.3	1.5	2.3	1.4
	25	1.9	1.7	2.3	1.9	2.6	2.1	2.8	2.2	2.8	2.1	2.9	2.0	3.0	1.8
	32	2.4	2.1	2.9	2.3	3.4	2.5	3.6	2.6	3.6	2.4	3.7	2.4	3.8	2.3
	40	3.0	2.5	3.6	2.8	4.2	3.1	4.5	3.2	4.6	3.2	4.7	3.0	4.8	2.8
	50	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	5.7	3.9	5.8	3.7	5.9	3.3
	63	4.8	3.8	5.7	4.2	6.6	4.7	7.1	4.9	7.2	4.6	7.4	4.4	7.5	4.2
	80	6.1	5.2	7.2	5.7	8.4	6.2	9.0	6.3	9.1	6.1	9.3	6.0	9.5	5.6
	125	9.5	7.8	11.3	8.6	13.1	9.5	14.0	9.7	14.2	9.5	14.5	9.0	14.9	8.7

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ▭ shows rated condition.

6

7.2 Correction Factor for Te: 9°C

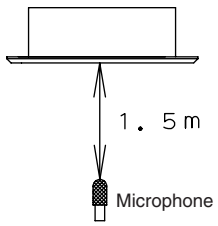
When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXCQ20MVE	TC	0.667	0.697	0.748	0.767	0.788	0.817	0.844
	SHF	1.172	1.184	1.130	1.106	1.084	1.061	1.039
FXCQ25MVE	TC	0.681	0.690	0.741	0.766	0.787	0.817	0.842
	SHF	1.147	1.192	1.135	1.108	1.086	1.061	1.041
FXCQ32MVE	TC	0.681	0.690	0.741	0.766	0.787	0.817	0.842
	SHF	1.147	1.192	1.135	1.108	1.086	1.061	1.041
FXCQ40MVE	TC	0.671	0.687	0.748	0.772	0.792	0.821	0.854
	SHF	1.167	1.191	1.128	1.101	1.082	1.059	1.035
FXCQ50MVE	TC	0.663	0.690	0.753	0.777	0.795	0.831	0.857
	SHF	1.177	1.185	1.123	1.097	1.081	1.054	1.034
FXCQ63MVE	TC	0.682	0.692	0.740	0.763	0.784	0.815	0.840
	SHF	1.144	1.191	1.138	1.111	1.088	1.061	1.042
FXCQ80MVE	TC	0.707	0.689	0.752	0.776	0.795	0.830	0.856
	SHF	1.166	1.187	1.124	1.098	1.080	1.055	1.035
FXCQ125MVE	TC	0.683	0.691	0.753	0.776	0.796	0.831	0.855
	SHF	1.132	1.180	1.121	1.096	1.077	1.054	1.043

8. Sound Levels

Overall

Location of microphone (for sound pressure level)



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

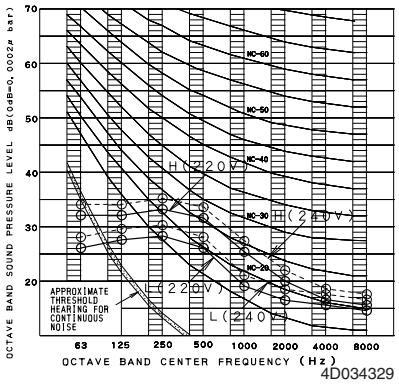
dB(A)

Model	Sound pressure level			
	220V, 50/60Hz		240V, 50Hz	
	H	L	H	L
FXCQ20MVE	32	27	34	29
FXCQ25MVE FXCQ32MVE	34	28	36	30
FXCQ40MVE FXCQ50MVE	34	29	37	32
FXCQ63MVE	37	32	39	34
FXCQ80MVE	39	34	41	36
FXCQ125MVE	44	38	46	40

Octave Band Level

○——○ 220V, 50/60Hz
○- - - -○ 240V, 50Hz

FXCQ20MVE



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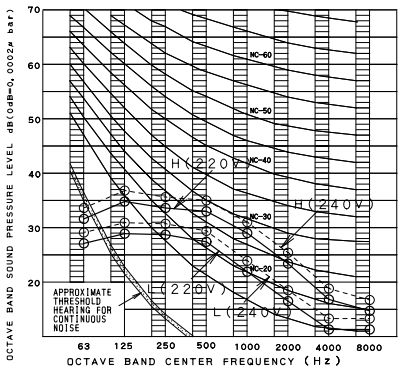
FXCQ25MVE / FXCQ32MVE



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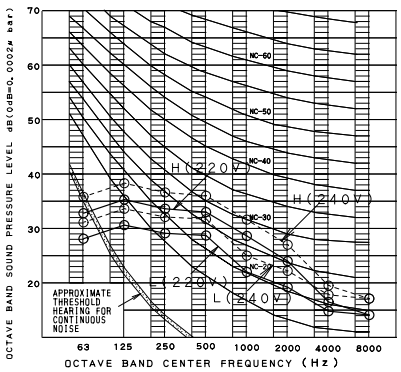
FXCQ40MVE / FXCQ50MVE



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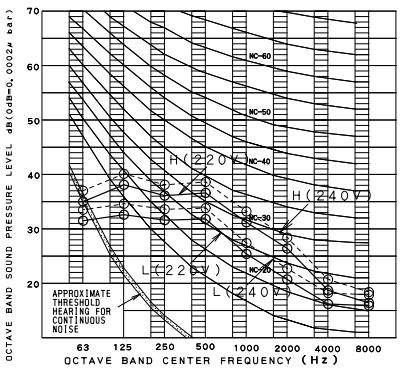
FXCQ63MVE



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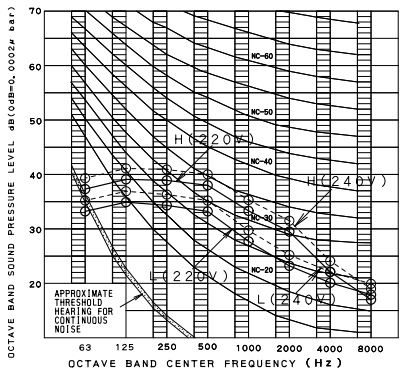
FXCQ80MVE



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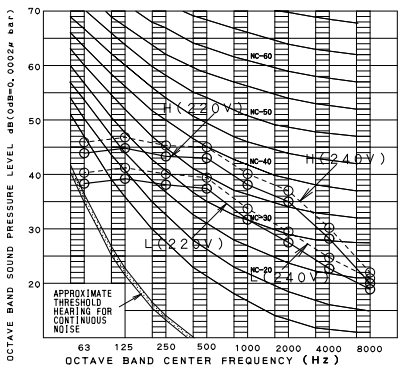
FXCQ125MVE



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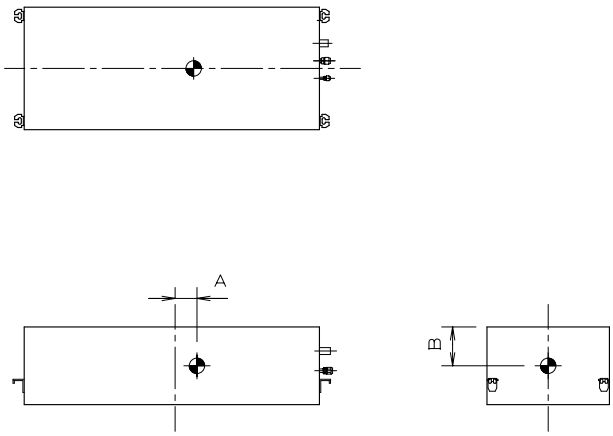
9. Centre of Gravity

FXCQ20MVE / FXCQ25MVE / FXCQ32MVE / FXCQ40MVE / FXCQ50MVE / FXCQ63MVE / FXCQ80MVE / FXCQ125MVE

Unit (mm)



MODEL	A	B
FXCQ20 • 25 • 32MVE	20	140
FXCQ40 • 50MVE	25	
FXCQ63MVE	30	
FXCQ80 • 125MVE	35	150

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10. Accessories

10.1 Optional Accessories (for Unit)

Item			Model					
			FXCQ20MVE FXCQ25MVE FXCQ32MVE	FXCQ40MVE	FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE
Decoration panel			BYBC32G-W1	BYBC50G-W1		BYBC63G-W1	BYBC125G-W1	
Filter related	High efficiency filter 65% ★1		KAFJ532G36	KAFJ532G56		KAFJ532G80	KAFJ532G160	
	High efficiency filter 90% ★1		KAFJ533G36	KAFJ533G56		KAFJ533G80	KAFJ533G160	
	Filter chamber	Bottom suction	KDDFJ53G36	KDDFJ53G56		KDDFJ53G80	KDDFJ53G160	
	Long life replacement filter		KAFJ531G36	KAFJ531G56		KAFJ531G80	KAFJ531G160	

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Note:

★1. Filter chamber is required if installing high efficiency filter.

10.2 Optional Accessories (for Controls)

Refer to page 728.

FXKQ-MA
Ceiling Mounted Cassette
Corner Type

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7

1. Specifications

Ceiling mounted cassette corner type

Model				FXKQ25MAVE	FXKQ32MAVE	FXKQ40MAVE	FXKQ63MAVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity			kcal/h	2,400	3,100	3,900	6,100
			Btu/h	9,600	12,300	15,400	24,200
			kW	2.8	3.6	4.5	7.1
Casing / Colour				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	215×1,110×710	215×1,110×710	215×1,110×710	215×1,310×710
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	2×11×1.75	2×11×1.75	2×11×1.75	3×11×1.75
	Face area		m²	0.180	0.180	0.180	0.226
Fan	Model			3D12H1AN1V1	3D12H1AN1V1	3D12H1AP1V1	4D12H1AJ1V1
	Type			Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units		W	15×1	15×1	20×1	45×1
	Airflow rate (H/L)	50Hz	m³/min	11/9	11/9	13/10	18/15
			l/s	183/150	183/150	216/166	300/250
			cfm	388/318	388/318	459/353	635/530
	Drive			Direct drive	Direct drive	Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material				Polyethylene foam	Polyethylene foam	Polyethylene foam	Polyethylene foam
Piping connections	Liquid pipes		mm	φ6.4 (Flare connection)	φ6.4 (Flare connection)	φ6.4 (Flare connection)	φ9.5 (Flare connection)
	Gas pipes		mm	φ12.7 (Flare connection)	φ12.7 (Flare connection)	φ12.7 (Flare connection)	φ15.9 (Flare connection)
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass			kg	31	31	31	34
★3 Sound pressure level (H/L)	220V, 50/60Hz		dB(A)	38/33	38/33	40/34	42/37
	240V, 50Hz			40/35	40/35	42/36	44/39
Safety devices				Fuse. Thermal fuse for fan motor.	Fuse. Thermal fuse for fan motor.	Fuse. Thermal fuse for fan motor.	Fuse. Thermal fuse for fan motor.
Refrigerant control				Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Decoration panels (Option)	Model			BYK45FJW1	BYK45FJW1	BYK45FJW1	BYK71FJW1
	Panel colour			White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)
	Dimensions: (H×W×D)		mm	70×1,240×800	70×1,240×800	70×1,240×800	70×1,440×800
	Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
	Mass		kg	8.5	8.5	8.5	9.5
Standard accessories				Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Screws. Washers. Positioning jig for installation. Insulation for hanger bracket. Air outlet blocking pad.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Screws. Washers. Positioning jig for installation. Insulation for hanger bracket. Air outlet blocking pad.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Screws. Washers. Positioning jig for installation. Insulation for hanger bracket. Air outlet blocking pad.	Operation manual. Installation manual. Paper pattern for installation. Drain hose. Clamp metal. Insulation for fitting. Sealing pads. Clamps. Screws. Washers. Positioning jig for installation. Insulation for hanger bracket. Air outlet blocking pad.
Drawing No.				C: 3D038813A			

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

2. Dimensions

FXKQ25MAVE + BYK45FJW1 (Decoration panel)
FXKQ32MAVE + BYK45FJW1 (Decoration panel)
FXKQ40MAVE + BYK45FJW1 (Decoration panel)

Unit (mm)

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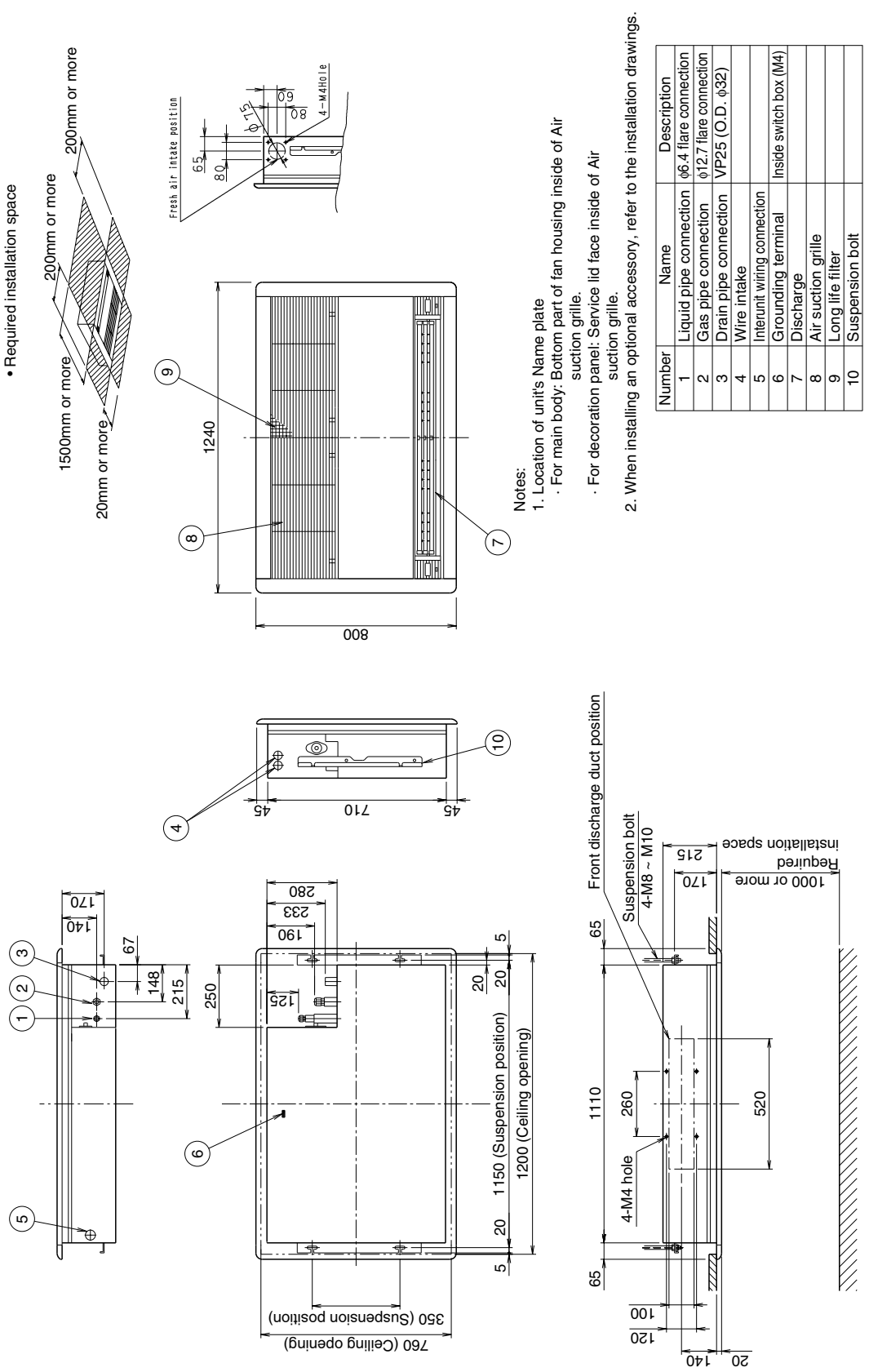


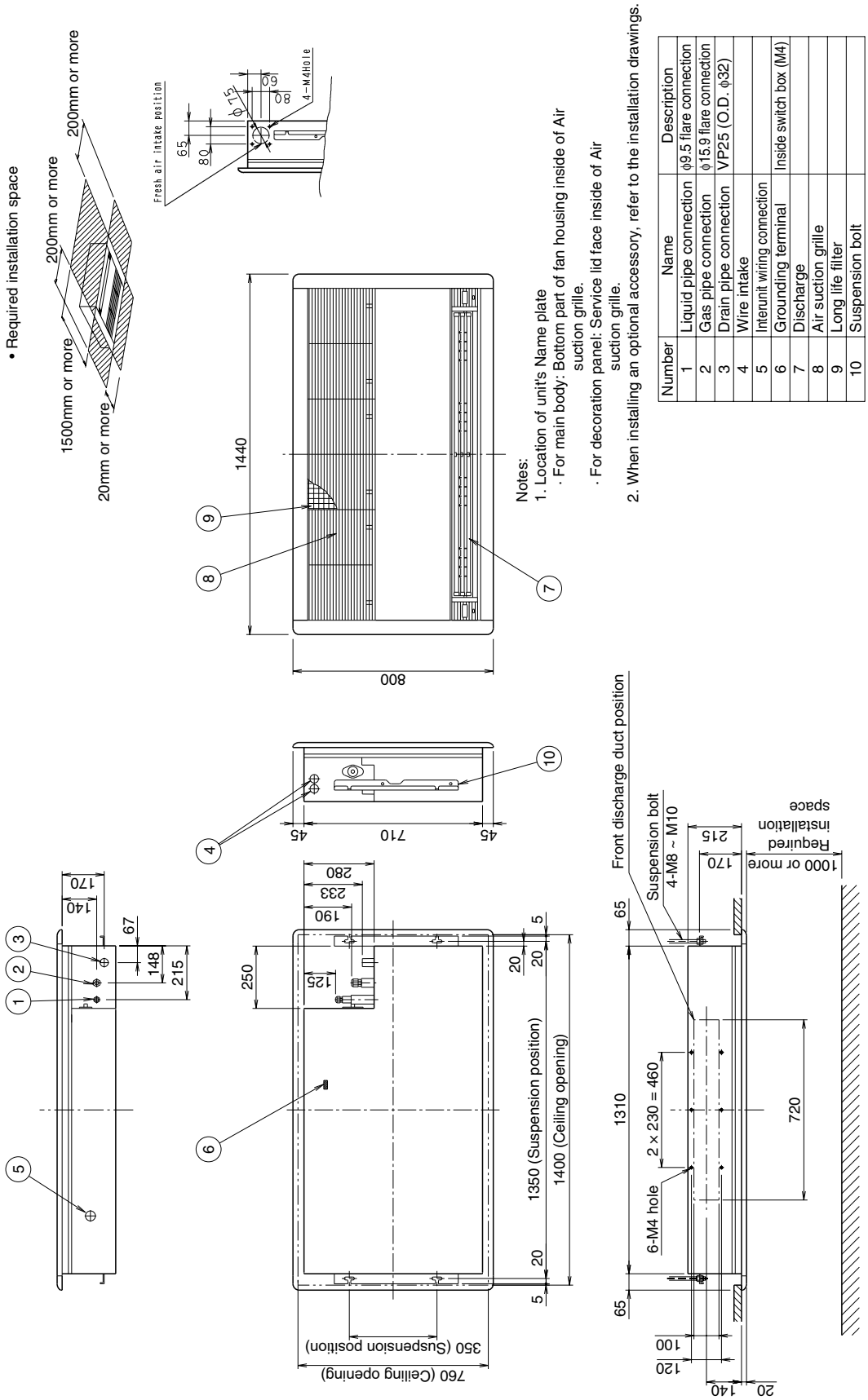
Notes:
1. Location of unit's Name plate
· For main body: Bottom part of fan housing inside of Air suction grille.
· For decoration panel: Service lid face inside of Air suction grille.
2. When installing an optional accessory, refer to the installation drawings.

Number	Name	Description
1	Liquid pipe connection	ϕ6.4 flare connection
2	Gas pipe connection	ϕ12.7 flare connection
3	Drain pipe connection	VP25 (O.D. ϕ32)
4	Wire intake	
5	Interunit wiring connection	
6	Grounding terminal	Inside switch box (M4)
7	Discharge	
8	Air suction grille	
9	Long life filter	
10	Suspension bolt	

7

FXKQ63MAVE + BYK71FJW1 (Decoration panel)

Unit (mm)



Number	Name	Description
1	Liquid pipe connection	ϕ9.5 flare connection
2	Gas pipe connection	ϕ15.9 flare connection
3	Drain pipe connection	VP25 (O.D. ϕ32)
4	Wire intake	
5	Interunit wiring connection	
6	Grounding terminal	Inside switch box (M4)
7	Discharge	
8	Air suction grille	
9	Long life filter	
10	Suspension bolt	

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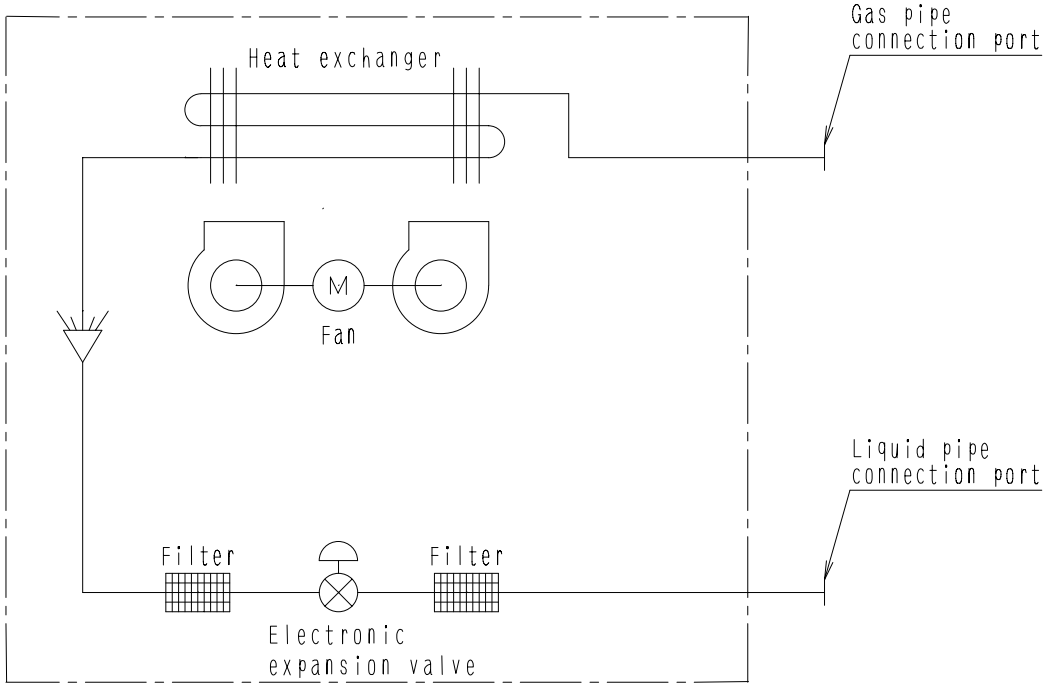
3. Piping Diagrams



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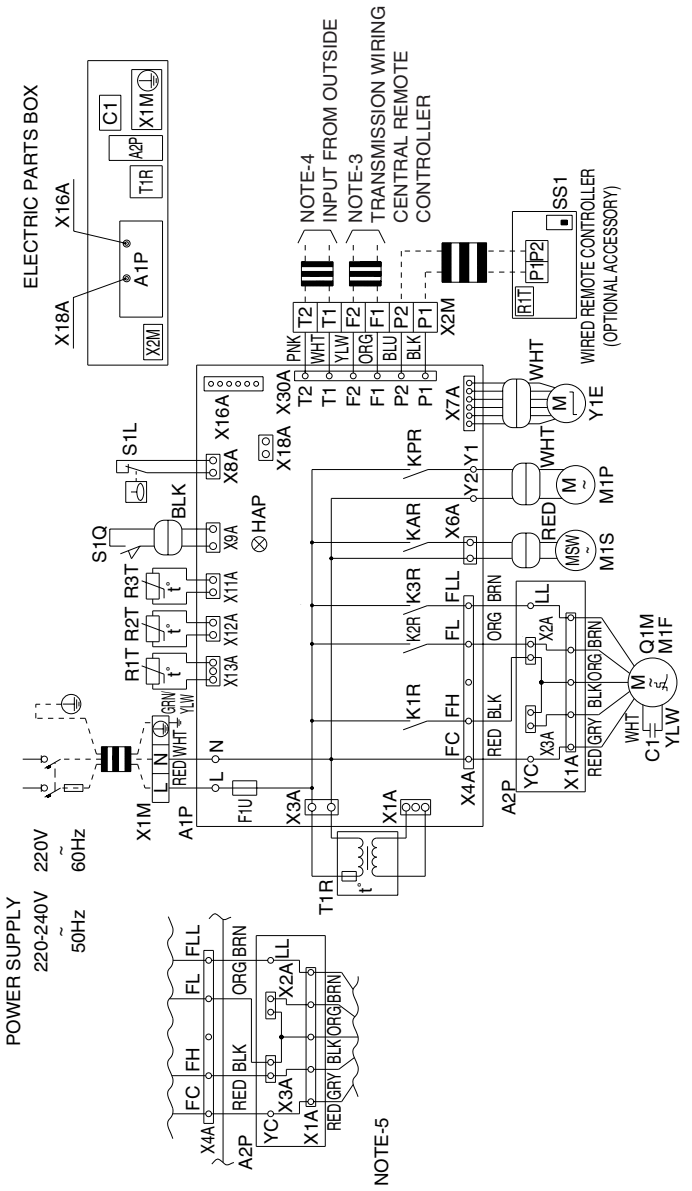
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXKQ25MAVE / FXKQ32MAVE / FXKQ40MAVE	ϕ12.7	ϕ6.4
FXKQ63MAVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXKQ25MAVE / FXKQ32MAVE / FXKQ40MAVE / FXKQ63MAVE



	INDOOR UNIT
A1P	PRINTED CIRCUIT BOARD
A2P	TERMINAL BOARD
C1	CAPACITOR (M1F)
F1U	FUSE (Ⓑ, 5A, 250V)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
K1R-K3R	MAGNETIC RELAY (M1F)
KAR	MAGNETIC RELAY (M1S)
KPR	MAGNETIC RELAY (M1P)
M1F	MOTOR (INDOOR FAN)
M1P	MOTOR (DRAIN PUMP)
M1S	MOTOR (SWING FLAP)
Q1M	THERMO SWITCH (M1F EMBEDDED)
R1T	THERMISTOR (AIR)
R2T · R3T	THERMISTOR (COIL)
S1L	FLOAT SWITCH
S1Q	LIMIT SWITCH (SWING FLAP)
T1R	TRANSFORMER (220-240V/22V)
X1M	TERMINAL BLOCK (POWER)
X2M	TERMINAL BLOCK (CONTROL)
Y1E	ELECTRONIC EXPANSION VALVE
	WIRED REMOTE CONTROLLER
R1T	THERMISTOR (AIR)
SS1	SELECTOR SWITCH (MAIN/SUB)
	CONNECTOR FOR OPTIONAL PARTS
X16A	CONNECTOR (ADAPTOR FOR WIRING)
X18A	CONNECTOR (WIRING ADAPTOR FOR ELECTRICAL APPENDICES)

NOTES) 1. □□□ : TERMINAL BLOCK, ⊡⊡, ▷ : CONNECTOR, –○– : TERMINAL
2. = = : FIELD WIRING
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTRUCTION MANUAL.
4. WHEN CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER. IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED THE UNIT.
5. IN CASE HIGH E. S. P. OPERATION, CHANGE OVER THE WIRING CONNECTION FROM X2A TO X3A.
6. SYMBOLS SHOW AS FOLLOWS. (PNK : PINK WHT : WHITE YLW : YELLOW ORG : ORANGE BLU : BLUE BLK : BLACK RED : RED BRN : BROWN GRY : GRAY)
7. UES COPPER CONDUCTORS ONLY.

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5. Electric Characteristics

FXKQ25MAVE / FXKQ32MAVE / FXKQ40MAVE / FXKQ63MAVE

Units					Power supply		IFM		Input(W)	
Model	Type	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXK25L FXKQ25M(A)	VE	50	220-240	MAX. 264 Min. 198	0.3	15	0.015	0.2	66	46
FXK32L FXKQ32M(A)					0.3	15	0.015	0.2	66	46
FXK40L FXKQ40M(A)					0.3	15	0.020	0.2	76	56
FXK63L FXKQ63M(A)					0.5	15	0.045	0.4	105	85
FXK25L FXKQ25M(A)	VE	60	220	MAX. 242 Min. 198	0.4	15	0.015	0.3	69	49
FXK32L FXKQ32M(A)					0.4	15	0.015	0.3	69	49
FXK40L FXKQ40M(A)					0.5	15	0.020	0.4	92	72
FXK63L FXKQ63M(A)					0.6	15	0.045	0.5	120	100

7

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
kW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

Minimum Ssc value	kVA	EN61000-3-2 is applied.

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6. Safety Devices Setting

Model		FXKQ25MAVE	FXKQ32MAVE	FXKQ40MAVE	FXKQ63MAVE
Printed circuit board fuse		250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	146±3	146±3	–	–
Fan motor thermal protector	°C	–	–	OFF: 120±5 ON : 105 or less	OFF: 120±5 ON : 105 or less
Drain pump thermal fuse	°C	145	145	145	145

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7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXKQ-MA	25	1.9	1.9	2.3	2.2	2.6	2.3	2.8	2.4	2.8	2.3	2.9	2.3	3.0	2.2
	32	2.4	2.2	2.9	2.5	3.4	2.6	3.6	2.7	3.6	2.6	3.7	2.6	3.8	2.5
	40	3.0	2.6	3.6	2.8	4.2	3.2	4.5	3.2	4.6	3.2	4.7	3.1	4.8	2.9
	63	4.8	4.0	5.7	4.5	6.6	5.0	7.1	5.1	7.2	5.0	7.4	4.8	7.5	4.6

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

7

7.2 Correction Factor for Te: 9°C

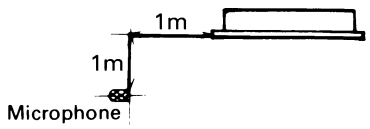
When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXKQ25MAVE	TC	0.694	0.692	0.751	0.774	0.794	0.822	0.851
	SHF	1.118	1.176	1.119	1.095	1.076	1.055	1.041
FXKQ32MAVE	TC	0.694	0.692	0.751	0.774	0.794	0.821	0.852
	SHF	1.118	1.176	1.119	1.095	1.076	1.054	1.041
FXKQ40MAVE	TC	0.696	0.691	0.751	0.774	0.794	0.827	0.852
	SHF	1.107	1.176	1.118	1.095	1.076	1.052	1.037
FXKQ63MAVE	TC	0.690	0.693	0.753	0.776	0.795	0.822	0.853
	SHF	1.126	1.174	1.117	1.094	1.075	1.066	1.052

8. Sound Levels

Overall

Location of microphone (for sound pressure level)



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

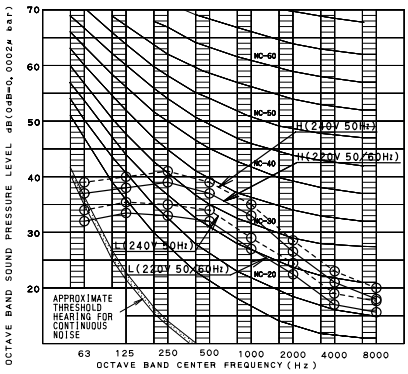
dB(A)

Model	Sound pressure level			
	220V, 50/60Hz		240V, 50Hz	
	H	L	H	L
FXKQ25MAVE FXKQ32MAVE	38	33	40	35
FXKQ40MAVE	40	34	42	36
FXKQ63MAVE	42	37	44	39

Octave Band Level

○——○ 220V, 50/60Hz
○- - - -○ 240V, 50Hz

FXKQ25MAVE / FXKQ32MAVE



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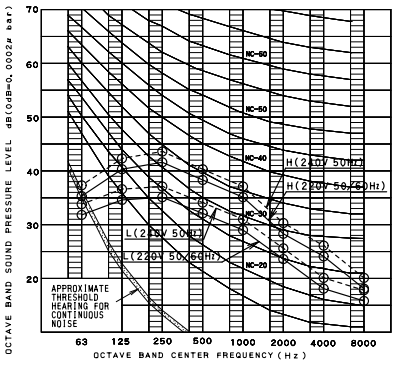
FXKQ40MAVE



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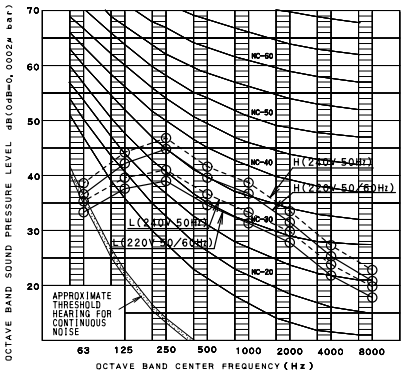
FXKQ63MAVE



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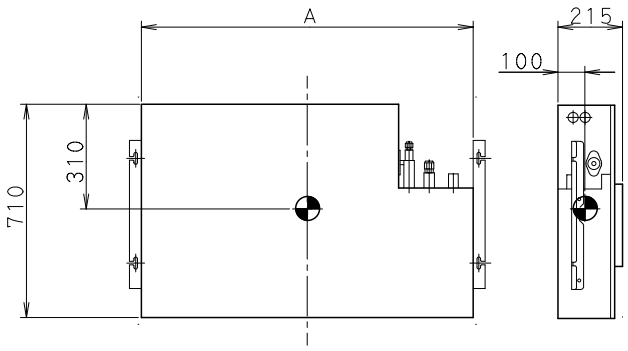
9. Centre of Gravity

FXKQ25MAVE / FXKQ32MAVE / FXKQ40MAVE / FXKQ63MAVE

Unit (mm)



MODEL	A
FXKQ25・32・40MAVE	1110
FXKQ63MAVE	1310

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10. Accessories

10.1 Optional Accessories (for Unit)

Item		Model	
		FXKQ25MAVE FXKQ32MAVE FXKQ40MAVE	FXKQ63MAVE
Panel related	Decoration panel	BYK45FJW1	BYK71FJW1
	Long life replacement filter	KAFJ521F56	KAFJ521F80
Air inlet and air discharge outlet related	Air discharge grill	K-HV7AW	K-HV9AW
	Air discharge blind panel	KDBJ52F56W	KDBJ52F80W
	Panel spacer	KPBJ52F56W	KPBJ52F80W
	Flexible duct (with shutter)	KFDJ52FA56	KFDJ52FA80

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10.2 Optional Accessories (for Controls)

Refer to page 728.

FXDQ-PB / FXDQ-NB
Slim Ceiling Mounted Duct Type

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1. Specifications

1.1 FXDQ-PB

Slim ceiling mounted duct type (700 mm width type)

Model		with a drain pump	FXDQ20PBVE	FXDQ25PBVE	FXDQ32PBVE
		without a drain pump	FXDQ20PBVET	FXDQ25PBVET	FXDQ32PBVET
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	1,900	2,400	3,100
		Btu/h	7,500	9,600	12,300
		kW	2.2	2.8	3.6
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	200×700×620	200×700×620	200×700×620
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×12×1.5	2×12×1.5	3×12×1.5
	Face area	m²	0.126	0.126	0.126
Fan	Model		—	—	—
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	62×1	62×1	62×1
	Airflow rate (HH/H/L)	m³/min	8.0/7.2/6.4	8.0/7.2/6.4	8.0/7.2/6.4
		l/s	133/120/106	133/120/106	133/120/106
		cfm	282/254/226	282/254/226	282/254/226
	★3 External static pressure	Pa	30-10	30-10	30-10
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polyethylene	Foamed polyethylene	Foamed polyethylene
Air filter			Removal / Washable / Mildew proof	Removal / Washable / Mildew proof	Removal / Washable / Mildew proof
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass		kg	23	23	23
★4 ★5 ★6 Sound pressure level (HH/H/L)		dB(A)	33/31/29	33/31/29	33/31/29
Sound power level (HH)		dB(A)	51	51	51
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)
Drawing No.			C: 3D060921A		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. External static pressure is changeable to set by the remote controller. This pressure means “High static pressure - Standard static pressure”. (Factory setting is 10 Pa for FXDQ-PB models and 15 Pa for FXDQ-NB models.)
★4. The operation sound levels are the conversion values in anechoic chamber. In practice, the sound tend to be larger than the specified values due to ambient noise or reflections.
★5. The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A).
★6. Values are based on the following conditions: FXDQ-PB: external static pressure of 10 Pa; FXDQ-NB: external static pressure of 15 Pa.
★7. FXDQ20 / 25 / 32PBVE only.
8. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

1.2 FXDQ-NB

Slim ceiling mounted duct type (900 / 1,100 mm width type)

Model	with a drain pump		FXDQ40NBVE	FXDQ50NBVE	FXDQ63NBVE
	without a drain pump		FXDQ40NBVET	FXDQ50NBVET	FXDQ63NBVET
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	3,900	4,800	6,100
		Btu/h	15,400	19,100	24,200
		kW	4.5	5.6	7.1
Casing / Colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	200×900×620	200×900×620	200×1100×620
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×12×1.5	3×12×1.5	3×12×1.5
	Face area	m²	0.176	0.176	0.227
Fan	Model		—	—	—
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	62×1	130×1	130×1
	Airflow rate (HH/H/L)	m³/min	10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
		l/s	175/158/141	208/183/166	275/241/216
		cfm	371/335/300	441/388/353	583/512/459
	★3 External static pressure	Pa	44-15	44-15	44-15
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polyethylene	Foamed polyethylene	Foamed polyethylene
Air filter			Removal / Washable / Mildew proof	Removal / Washable / Mildew proof	Removal / Washable / Mildew proof
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass		kg	27	28	31
★4 ★5 ★6 Sound pressure level (HH/H/L)		dB(A)	34/32/30	35/33/31	36/34/32
Sound power level (HH)		dB(A)	52	53	54
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Insulation for fitting. Clamp metal. Washer fixing plate. Screws for duct flanges. Air filter. (Product quality certificate ★7)
Drawing No.			C: 3D060921A		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. External static pressure is changeable to set by the remote controller. This pressure means "High static pressure - Standard static pressure". (Factory setting is 10 Pa for FXDQ-PB models and 15 Pa for FXDQ-NB models.)
★4. The operation sound levels are the conversion values in anechoic chamber. In practice, the sound tend to be larger than the specified values due to ambient noise or reflections.
★5. The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB(A).
★6. Values are based on the following conditions: FXDQ-PB: external static pressure of 10 Pa; FXDQ-NB: external static pressure of 15 Pa.
★7. FXDQ40 / 50 / 63NBVE only.
8. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

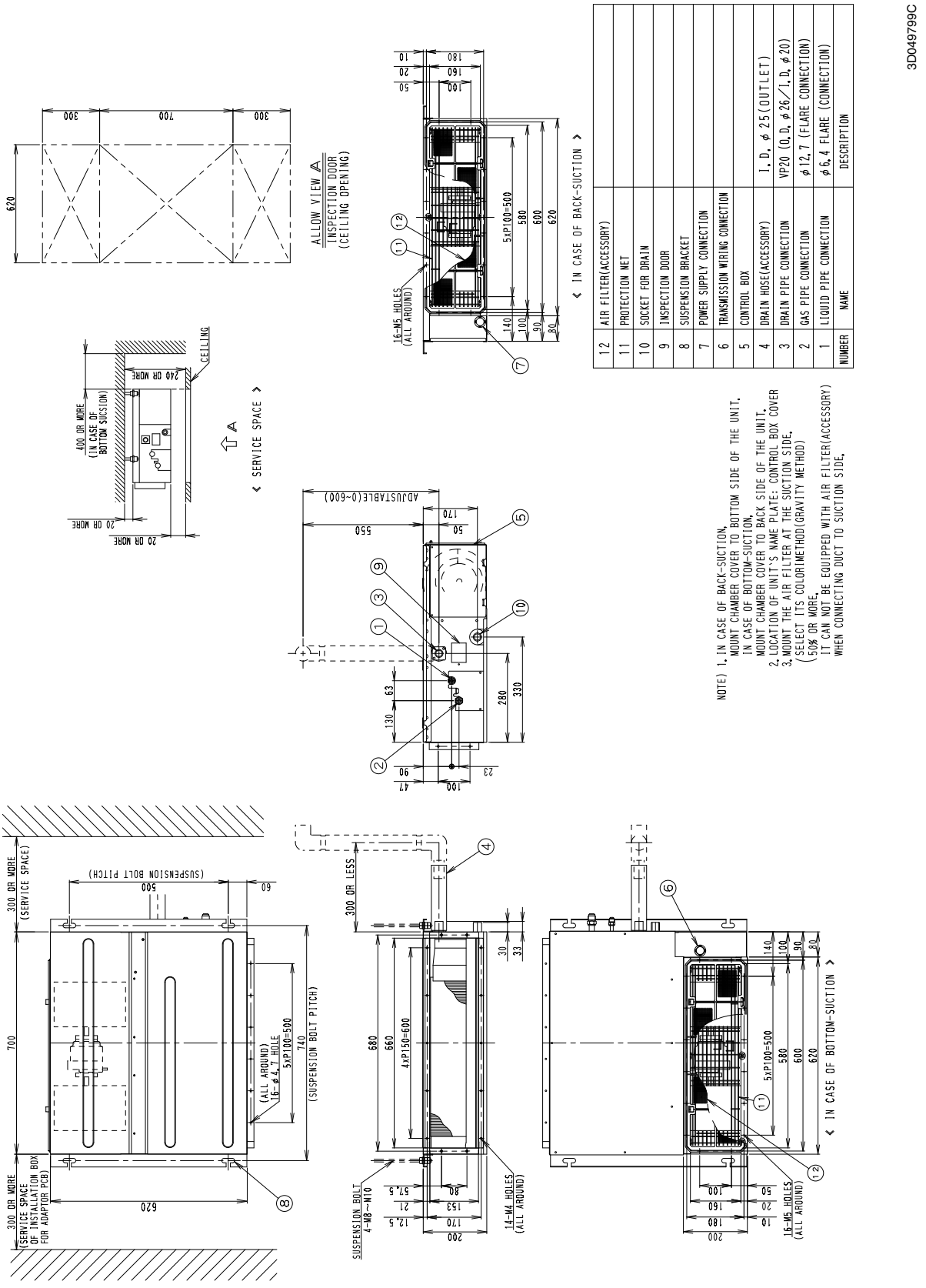
8

2. Dimensions

2.1 FXDQ-PB

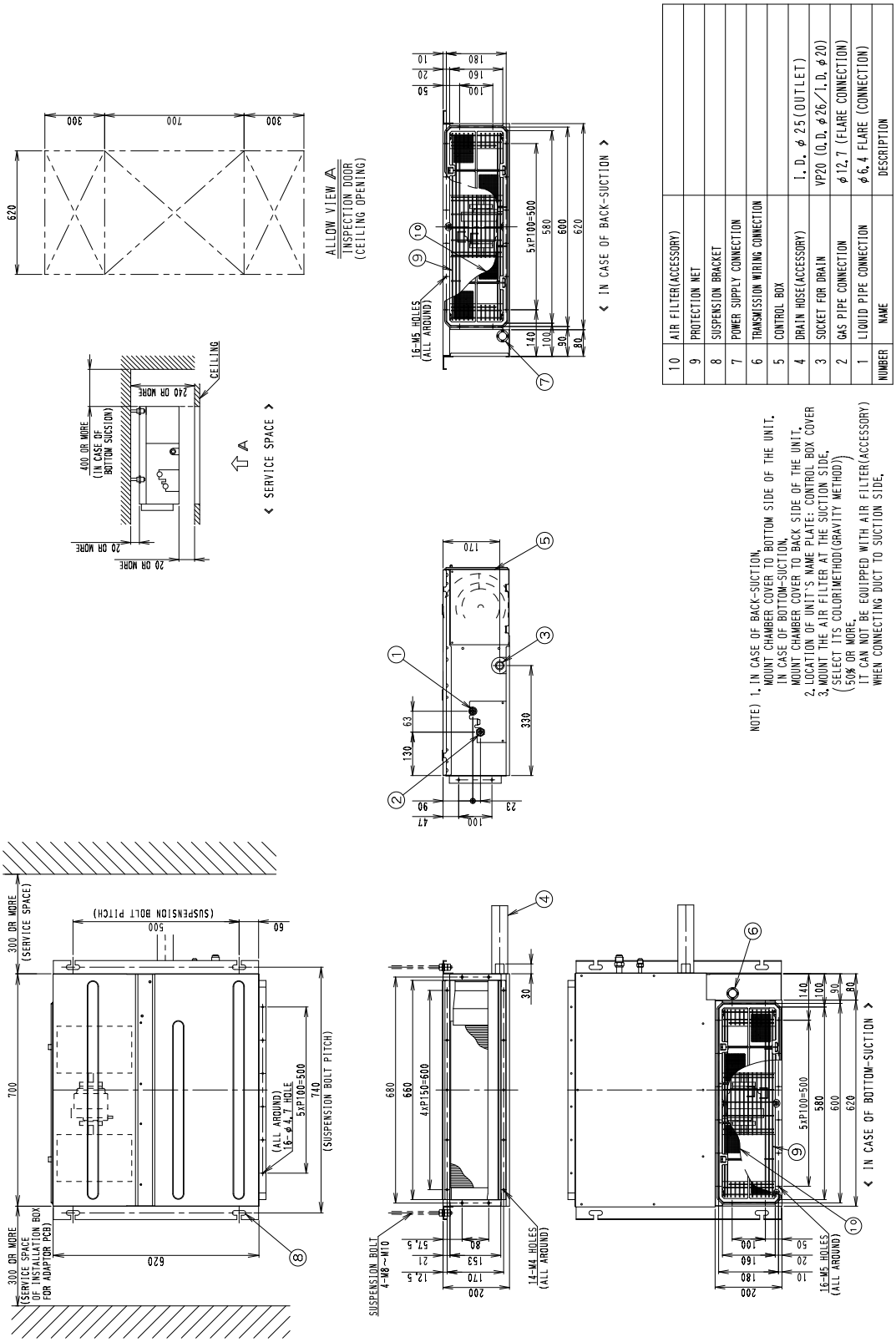
FXDQ20PBVE / FXDQ25PBVE / FXDQ32PBVE (with a drain pump)

Unit (mm)



FXDQ20PBVET / FXDQ25PBVET / FXDQ32PBVET (without a drain pump)

Unit (mm)

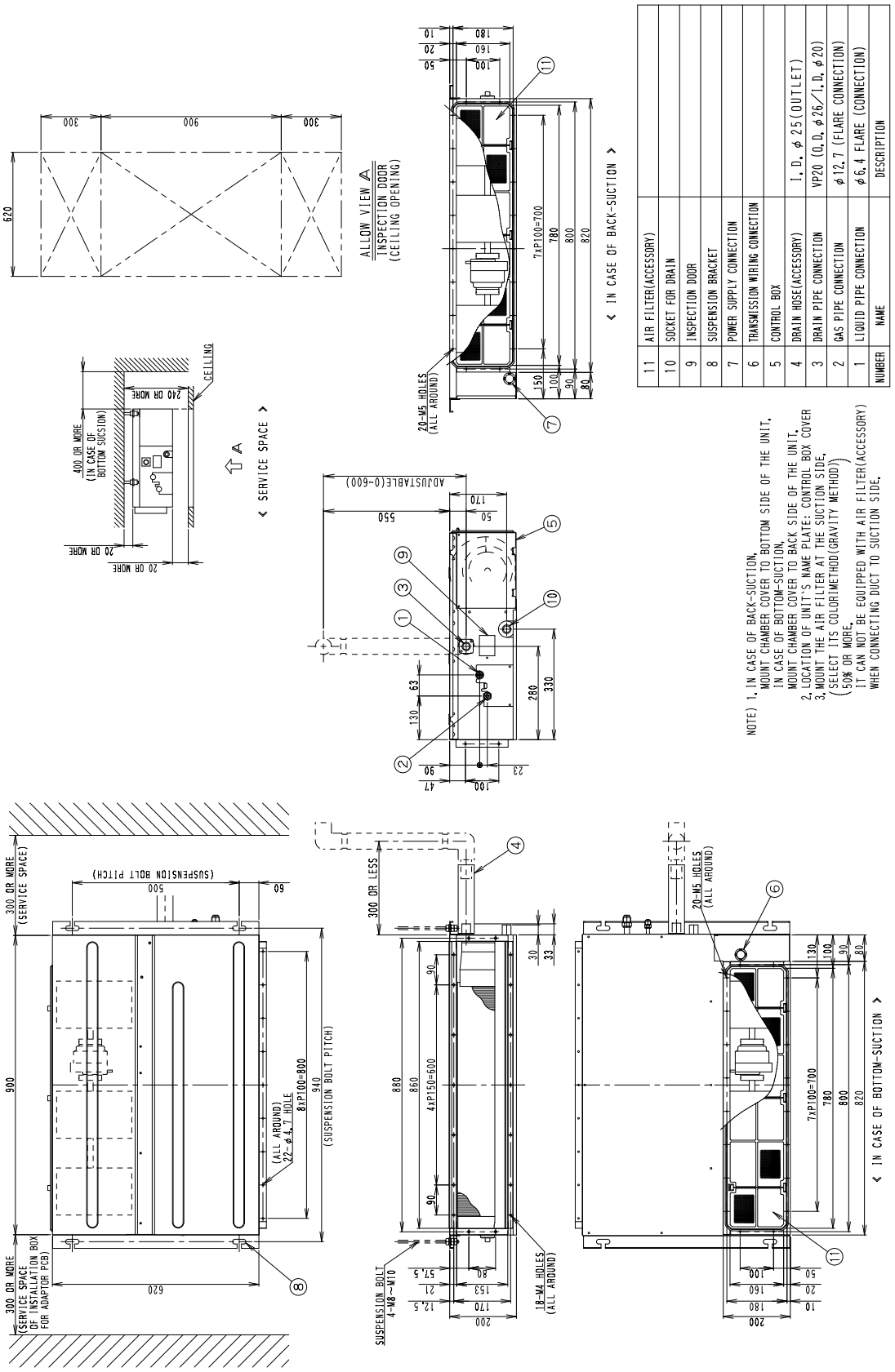


NUMBER	NAME	DESCRIPTION
10	AIR FILTER(ACCESSORY)	
9	PROTECTION NET	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	TRANSMISSION WIRING CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I. D. φ25(OUTLET)
3	SOCKET FOR DRAIN	VP20 (O.D. φ26/I.D. φ20)
2	GAS PIPE CONNECTION	φ12.7 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ6.4 FLARE (CONNECTION)

2.2 FXDQ-NB

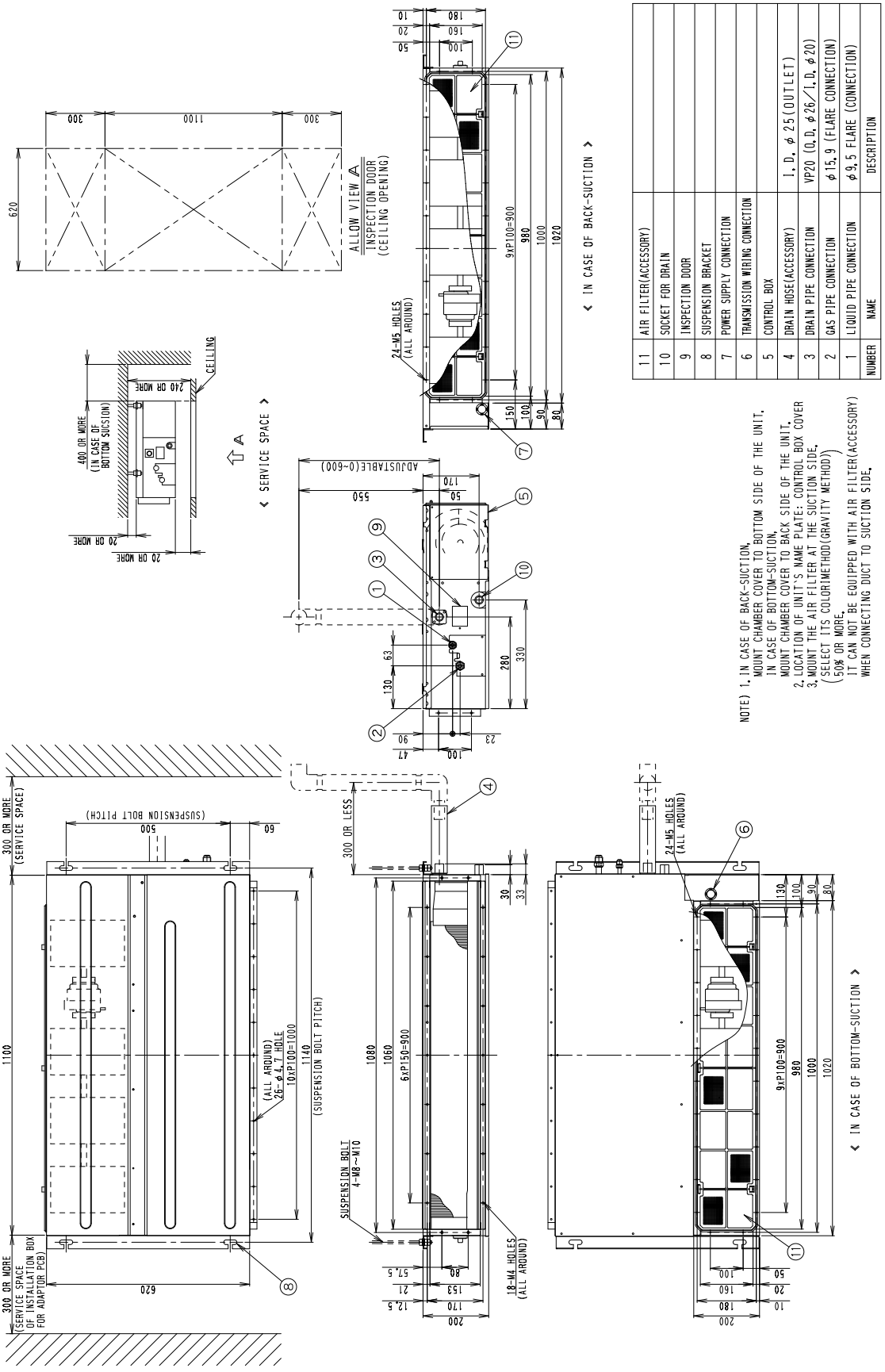
FXDQ40NBVE / FXDQ50NBVE (with a drain pump)

Unit (mm)



FXDQ63NBVE (with a drain pump)

Unit (mm)

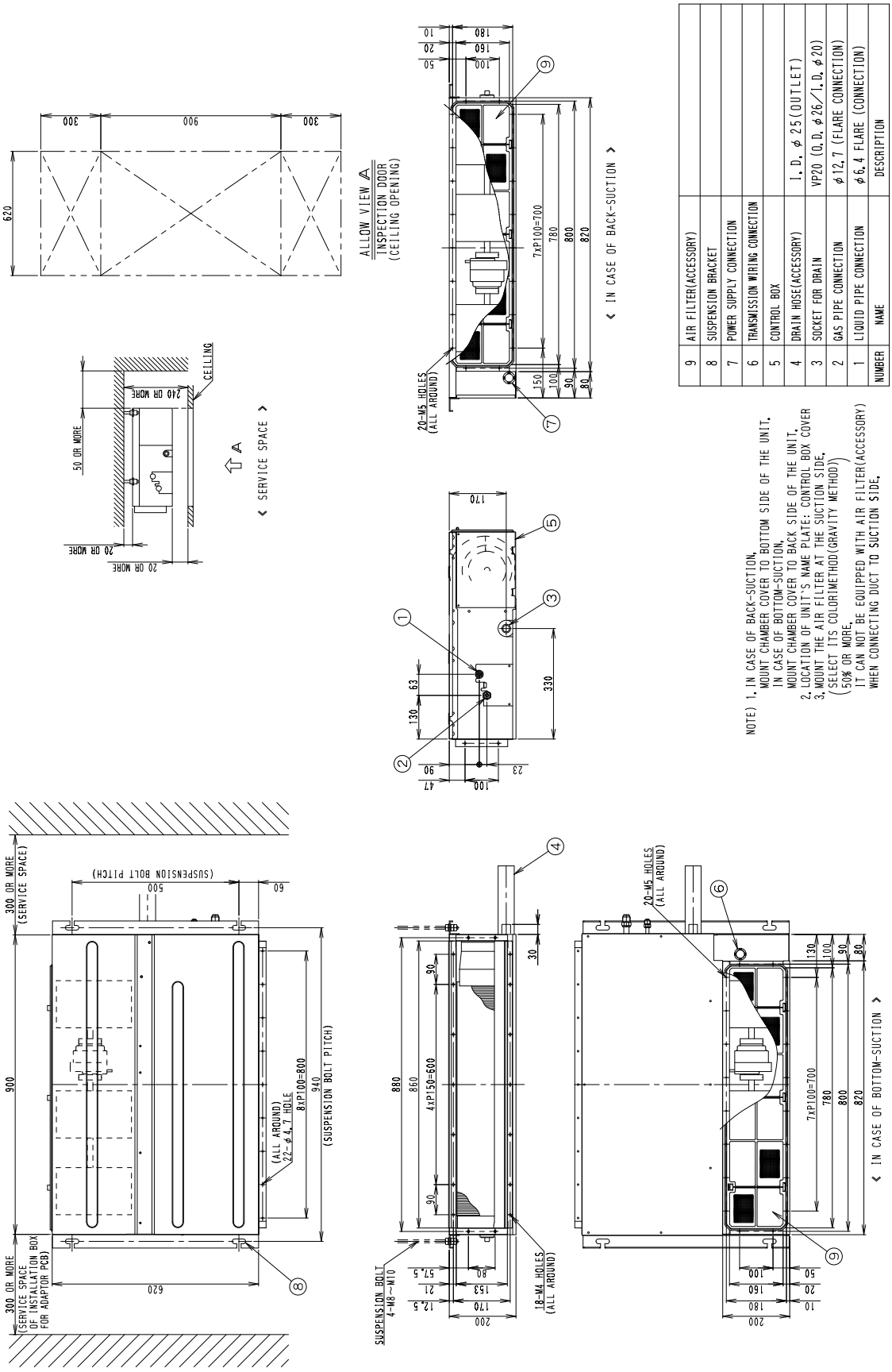


NUMBER	NAME	DESCRIPTION
11	AIR FILTER(ACCESSORY)	
10	SOCKET FOR DRAIN	
9	INSPECTION DOOR	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	TRANSMISSION WIRING CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I. D. φ 25 (OUTLET)
3	DRAIN PIPE CONNECTION	VP20 (O. D. φ26/I. D. φ20)
2	GAS PIPE CONNECTION	φ15.9 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ9.5 FLARE (CONNECTION)

8

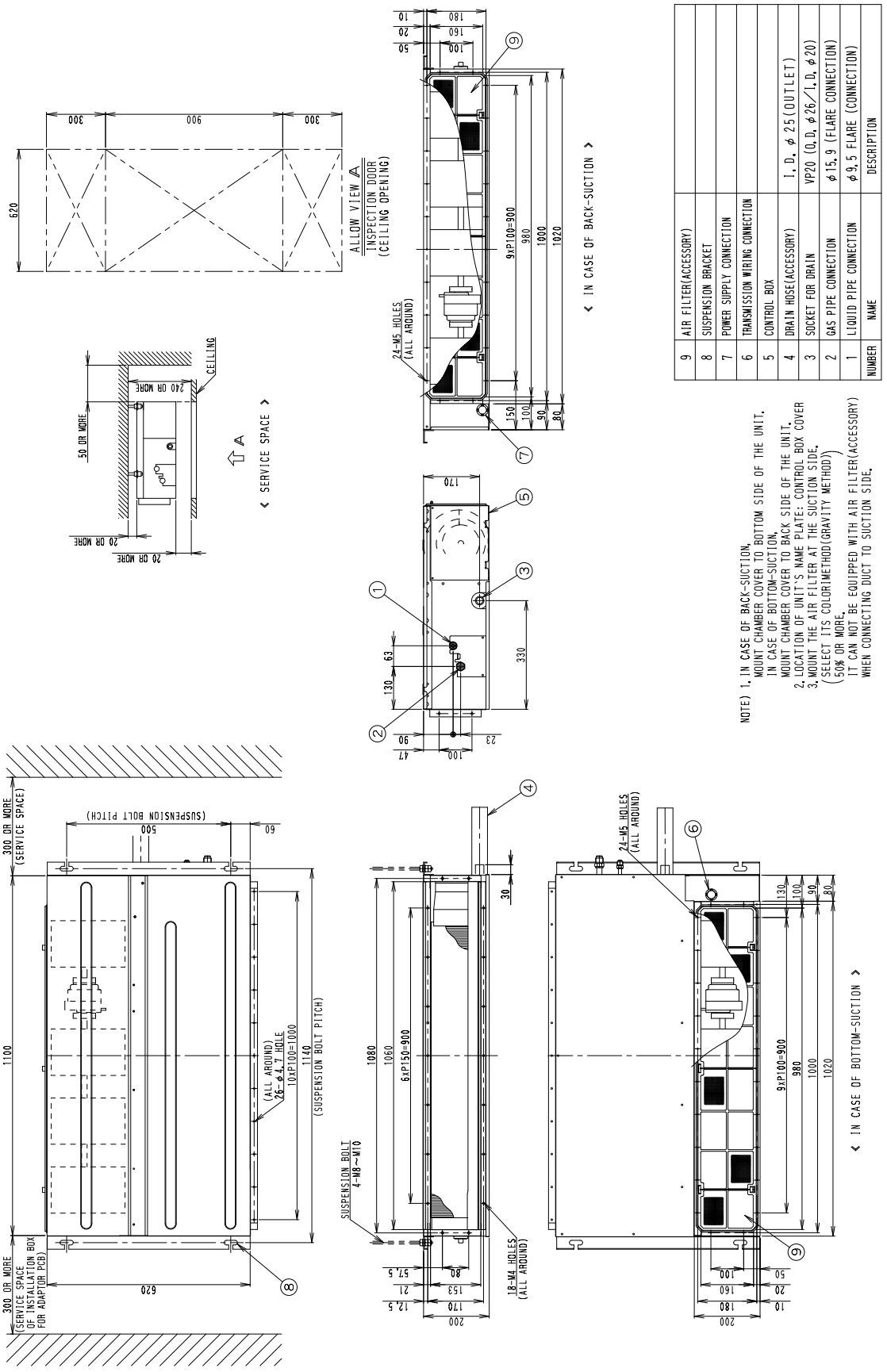
FXDQ40NBVET / FXDQ50NBVET (without a drain pump)

Unit (mm)



FXDQ63NBVET (without a drain pump)

Unit (mm)



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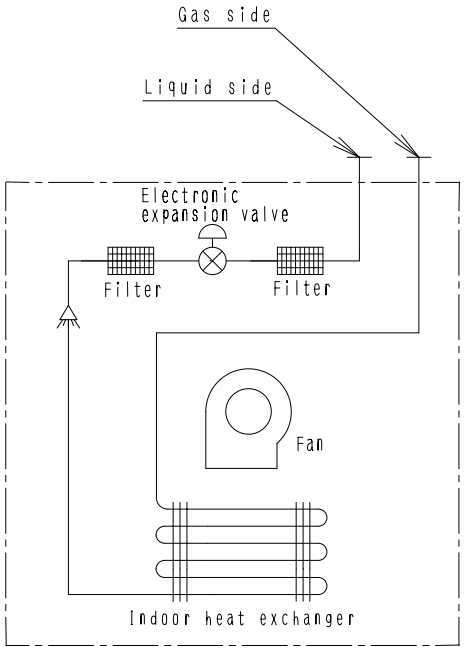
3. Piping Diagrams



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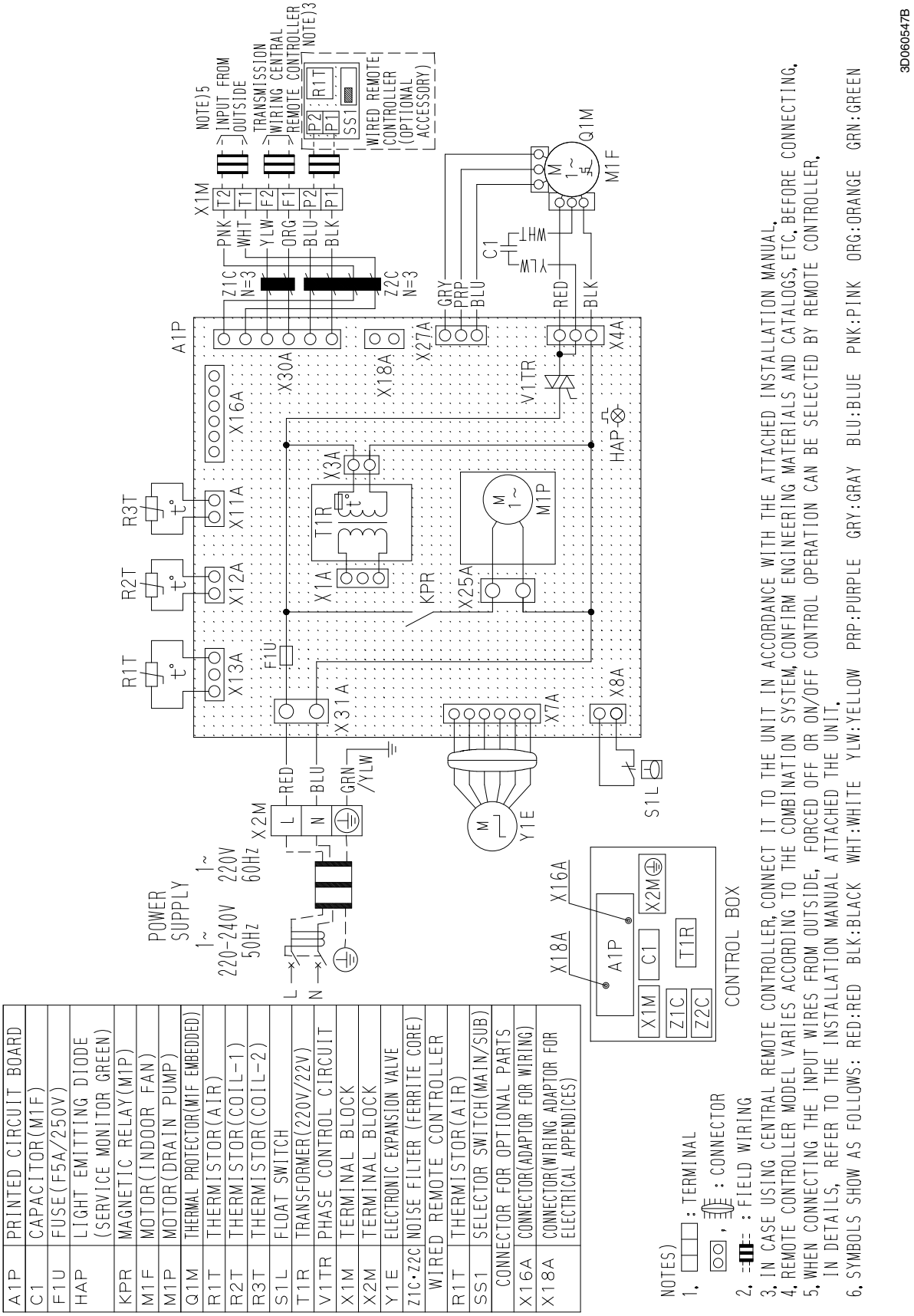
■ **Refrigerant pipe connection port diameters**

(mm)

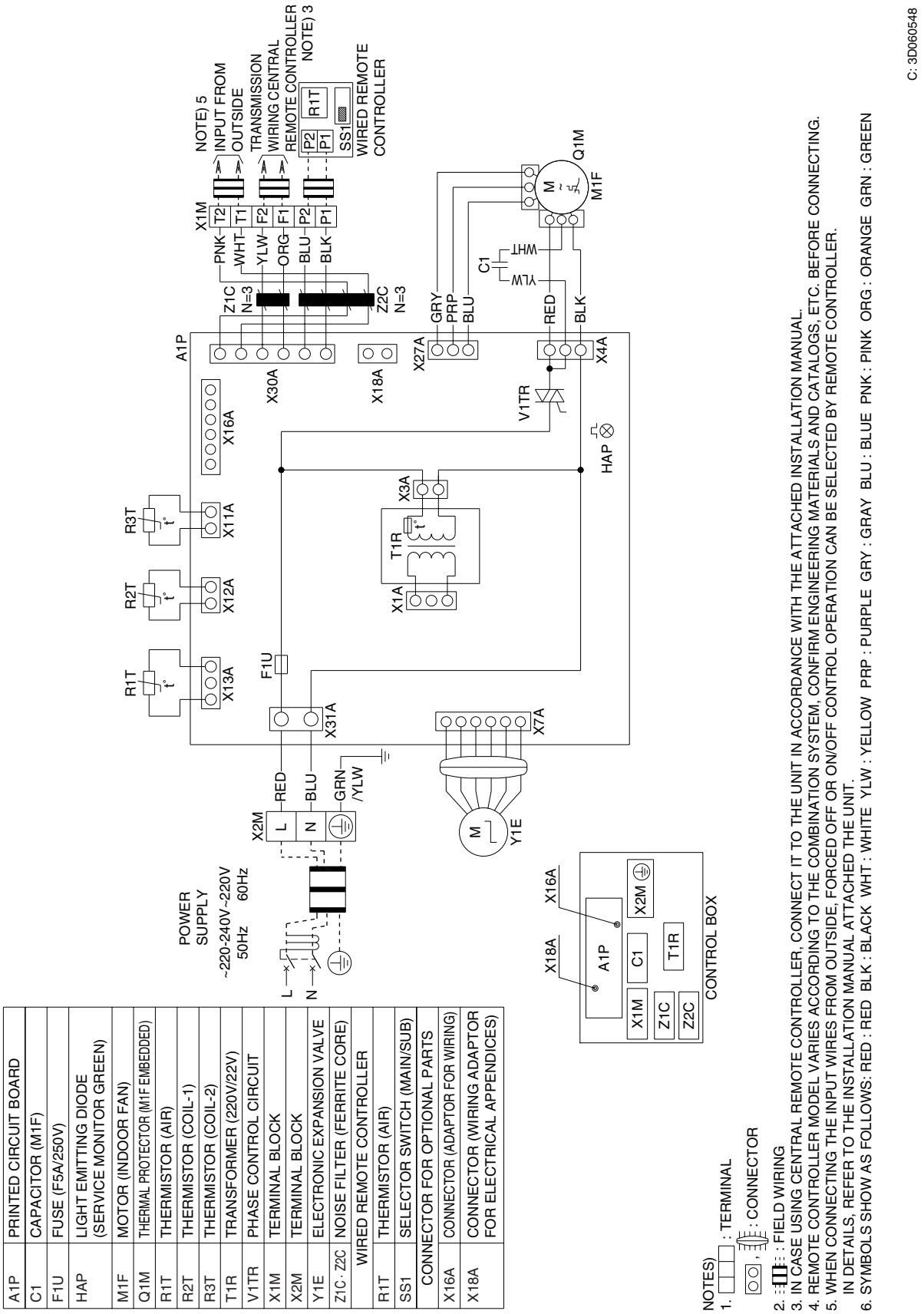
Model	Gas	Liquid
FXDQ20PBVE / FXDQ25PBVE / FXDQ32PBVE / FXDQ40NBVE / FXDQ50NBVE FXDQ20PBVET / FXDQ25PBVET / FXDQ32PBVET / FXDQ40NBVET / FXDQ50NBVET	ϕ12.7	ϕ6.4
FXDQ63NBVE FXDQ63NBVET	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXDQ20PBVE / FXDQ25PBVE / FXDQ32PBVE / FXDQ40NBVE / FXDQ50NBVE / FXDQ63NBVE
(with a drain pump)



FXDQ20PBVET / FXDQ25PBVET / FXDQ32PBVET / FXDQ40NBVET / FXDQ50NBVET / FXDQ63NBVET (without a drain pump)



NOTES)
1. : TERMINAL
: CONNECTOR
2. : FIELD WIRING
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
4. REMOTE CONTROLLER MODEL VARIES ACCORDING TO THE COMBINATION SYSTEM, CONFIRM ENGINEERING MATERIALS AND CATALOGS, ETC. BEFORE CONNECTING.
5. WHEN CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER. IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED THE UNIT.
6. SYMBOLS SHOW AS FOLLOWS: RED : RED BLK : BLACK WHT : WHITE YLW : YELLOW PRP : PURPLE GRY : GRAY BLU : BLUE PNK : PINK ORG : ORANGE GRN : GREEN

5. Electric Characteristics

FXDQ20PBVE / FXDQ25PBVE / FXDQ32PBVE / FXDQ40NBVE / FXDQ50NBVE / FXDQ63NBVE
FXDQ20PBVET / FXDQ25PBVET / FXDQ32PBVET / FXDQ40NBVET / FXDQ50NBVET / FXDQ63NBVET

Model	Power supply					IFM		Input(W)	
	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXDQ20PBVE	50	220-240V	Max. 264V Min. 198V	0.8	15	0.062	0.6	86	67
FXDQ25PBVE				0.8	15	0.062	0.6	86	67
FXDQ32PBVE				0.8	15	0.062	0.6	89	70
FXDQ40NBVE				1.0	15	0.062	0.8	160	147
FXDQ50NBVE				1.0	15	0.13	0.8	165	152
FXDQ63NBVE				1.1	15	0.13	0.9	181	168
FXDQ20PBVE	60	220V	Max. 242V Min. 198V	0.9	15	0.062	0.7	92	73
FXDQ25PBVE				0.9	15	0.062	0.7	92	73
FXDQ32PBVE				0.9	15	0.062	0.7	95	76
FXDQ40NBVE				1.1	15	0.062	0.9	182	168
FXDQ50NBVE				1.3	15	0.13	1.0	185	170
FXDQ63NBVE				1.4	15	0.13	1.1	192	179
FXDQ20PBVET	50	220-240V	Max. 264V Min. 198V	0.7	15	0.062	0.6	67	67
FXDQ25PBVET				0.7	15	0.062	0.6	67	67
FXDQ32PBVET				0.7	15	0.062	0.6	70	70
FXDQ40NBVET				1.0	15	0.062	0.8	147	147
FXDQ50NBVET				1.0	15	0.13	0.8	152	152
FXDQ63NBVET				1.1	15	0.13	0.9	168	168
FXDQ20PBVET	60	220V	Max. 242V Min. 198V	0.8	15	0.062	0.7	73	73
FXDQ25PBVET				0.8	15	0.062	0.7	73	73
FXDQ32PBVET				0.8	15	0.062	0.7	76	76
FXDQ40NBVET				1.1	15	0.062	0.9	168	168
FXDQ50NBVET				1.3	15	0.13	1.0	170	170
FXDQ63NBVET				1.4	15	0.13	1.1	179	179

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min. 15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use circuit breaker.

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6. Safety Devices Setting

Model		FXDQ20PBVE FXDQ20PBVET	FXDQ25PBVE FXDQ25PBVET	FXDQ32PBVE FXDQ32PBVET	FXDQ40NBVE FXDQ40NBVET	FXDQ50NBVE FXDQ50NBVET	FXDQ63NBVE FXDQ63NBVET
Printed circuit board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–	–	–	–
Fan motor thermal protector	°C	OFF: 130±5 ON : 83±15	OFF: 130±5 ON : 83±15	OFF: 130±5 ON : 83±15	OFF: 130±5 ON : 83±15	OFF: 130±5 ON : 83±15	OFF: 130±5 ON : 83±15

C: 4D060926C

7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXDQ-PB	20	1.5	1.4	1.8	1.6	2.1	1.8	2.2	1.9	2.2	1.8	2.3	1.6	2.3	1.7
	25	1.9	1.6	2.3	1.9	2.6	2.1	2.8	2.1	2.8	2.1	2.9	2.0	3.0	1.9
	32	2.4	1.9	2.9	2.2	3.4	2.4	3.6	2.6	3.6	2.4	3.7	2.4	3.8	2.4
FXDQ-NB	40	3.0	2.5	3.6	2.8	4.2	3.2	4.5	3.3	4.6	3.1	4.7	3.0	4.8	3.1
	50	3.8	3.1	4.5	3.5	5.2	3.9	5.6	4.0	5.7	3.9	5.8	3.8	5.9	3.5
	63	4.8	3.8	5.7	4.3	6.6	4.8	7.1	4.9	7.2	4.6	7.4	4.6	7.5	4.6

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

8

7.2 Correction Factor for Te: 9°C

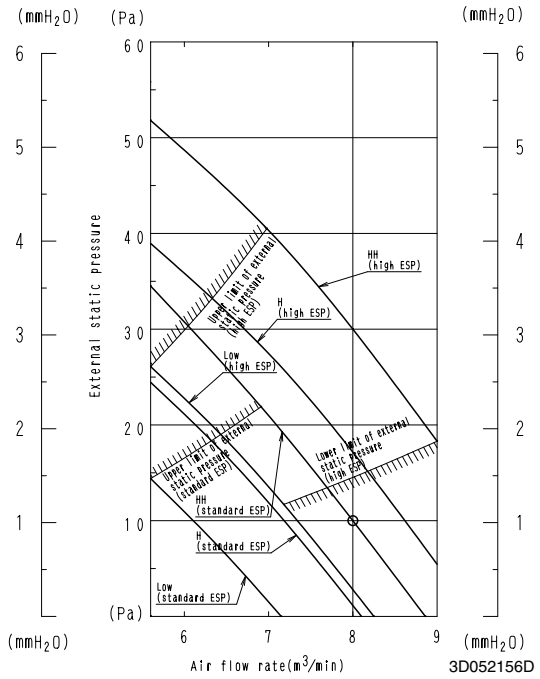
When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXDQ20PBVE FXDQ20PBVET	TC	0.685	0.694	0.755	0.778	0.802	0.833	0.855
	SHF	1.124	1.176	1.118	1.094	1.074	1.053	1.048
FXDQ25PBVE FXDQ25PBVET	TC	0.685	0.694	0.755	0.778	0.802	0.833	0.855
	SHF	1.124	1.176	1.118	1.094	1.074	1.053	1.048
FXDQ32PBVE FXDQ32PBVET	TC	0.688	0.703	0.754	0.770	0.788	0.818	0.840
	SHF	1.130	1.171	1.122	1.101	1.083	1.065	1.055
FXDQ40NBVE FXDQ40NBVET	TC	0.677	0.699	0.758	0.780	0.798	0.826	0.857
	SHF	1.155	1.169	1.113	1.090	1.074	1.062	1.043
FXDQ50NBVE FXDQ50NBVET	TC	0.680	0.698	0.758	0.781	0.799	0.830	0.857
	SHF	1.143	1.169	1.113	1.090	1.073	1.063	1.047
FXDQ63NBVE FXDQ63NBVET	TC	0.673	0.708	0.767	0.793	0.812	0.839	0.862
	SHF	1.153	1.158	1.106	1.083	1.069	1.059	1.046

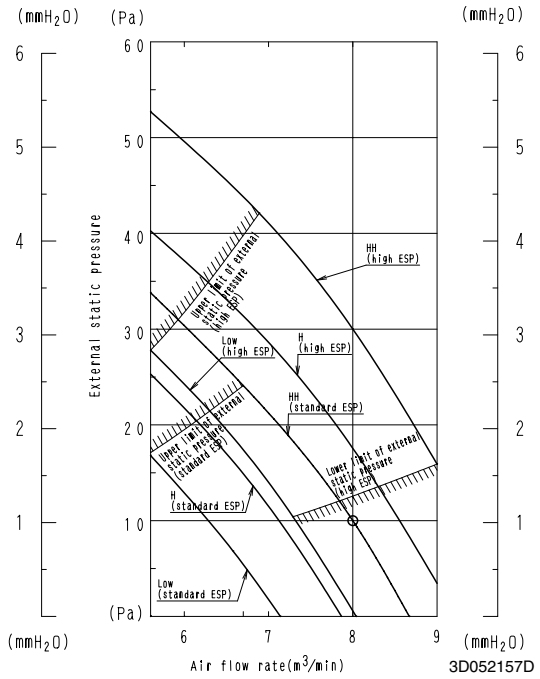
8. Fan Performances

8.1 FXDQ-PB

FXDQ20PBVE / FXDQ25PBVE
FXDQ20PBVET / FXDQ25PBVET



FXDQ32PBVE
FXDQ32PBVET



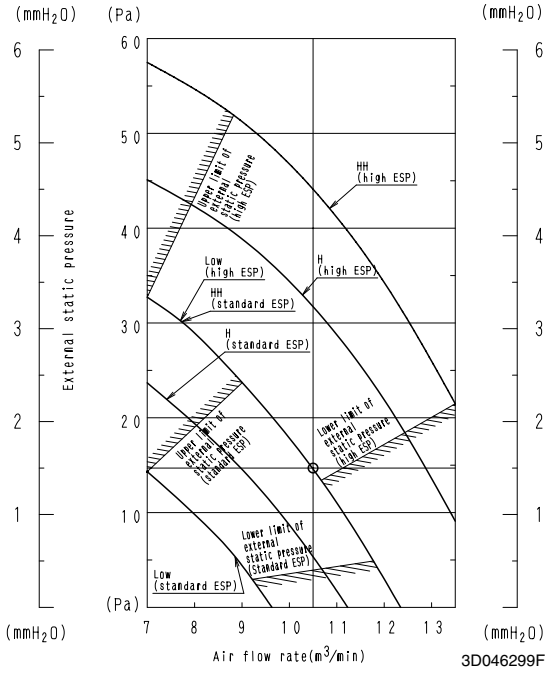
Notes:

1. The remote controller can be used to switch between “HH”, “H” and “L”.
2. The airflow is set to “standard” before leaving the factory.
   It is possible to switch between “standard ESP” and “high ESP” by the remote controller.

8

8.2 FXDQ-NB

FXDQ40NBVE
FXDQ40NBVET



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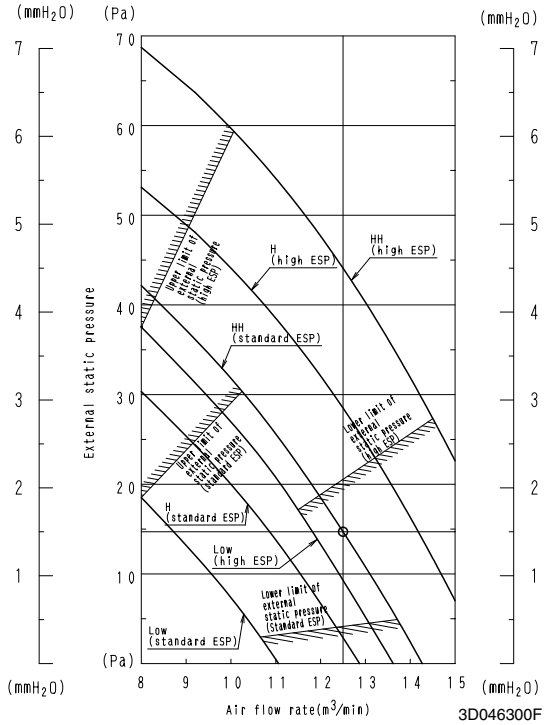
FXDQ50NBVE
FXDQ50NBVET



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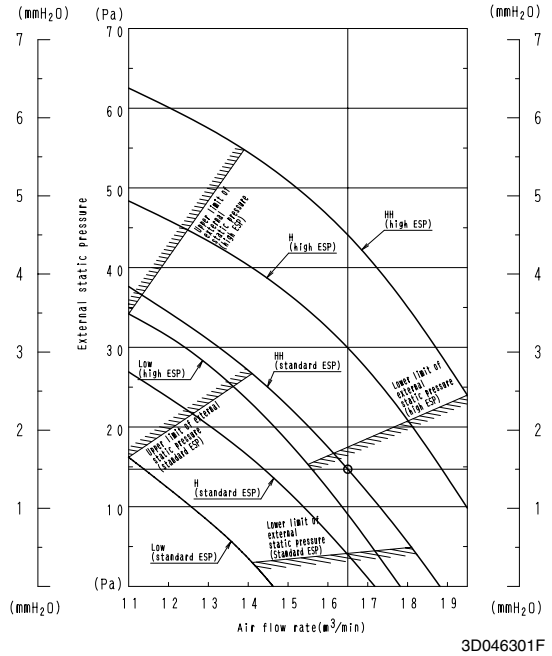
FXDQ63NBVE
FXDQ63NBVET



3D046301F

Notes:

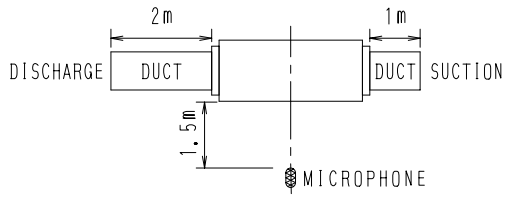
1. The remote controller can be used to switch between “HH”, “H” and “L”.
2. The airflow is set to “standard” before leaving the factory.
   It is possible to switch between “standard ESP” and “high ESP” by the remote controller.

9. Sound Levels

9.1 FXDQ-PB

Overall

Location of microphone (for sound pressure level)



Notes:

1. The operating conditions are assumed to be standard (JIS conditions)
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

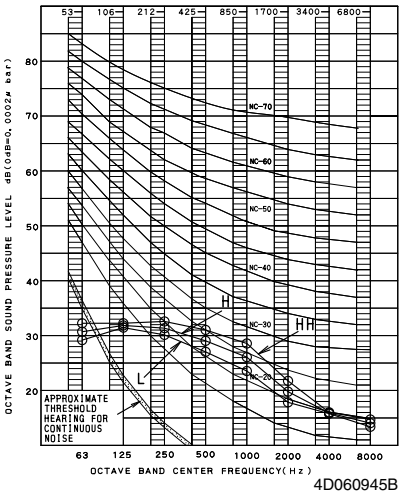
dB(A)

Model	Sound pressure level		
	220-240/220V, 50/60Hz		
	HH	H	L
FXDQ20PBVE FXDQ20PBVET	33	31	29
FXDQ25PBVE FXDQ25PBVET	33	31	29
FXDQ32PBVE FXDQ32PBVET	33	31	29

Octave Band Level

○——○ 220-240/220V, 50/60Hz

FXDQ20PBVE
FXDQ20PBVET



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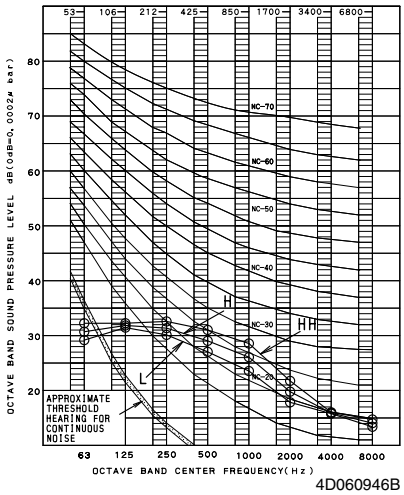
FXDQ25PBVE
FXDQ25PBVET



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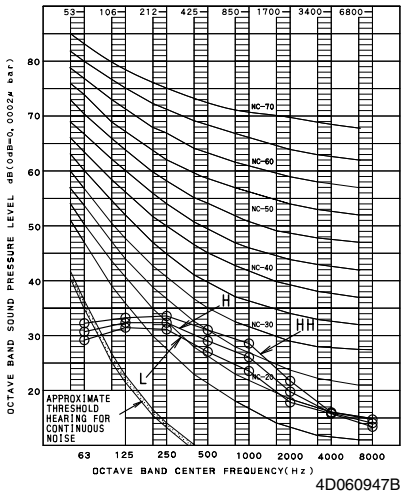
FXDQ32PBVE
FXDQ32PBVET

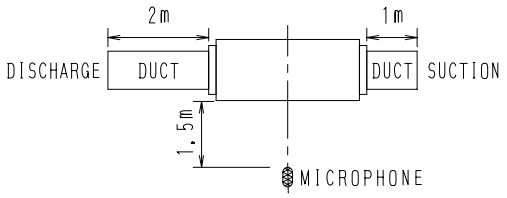


4D060947B

9.2 FXDQ-NB

Overall

Location of microphone (for sound pressure level)



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

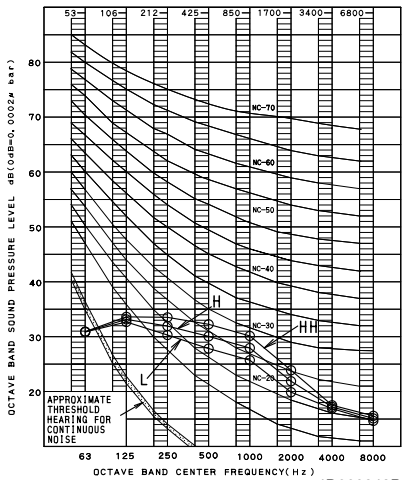
dB(A)

Model	Sound pressure level		
	220-240/220V, 50/60Hz		
	HH	H	L
FXDQ40NBVE FXDQ40NBVET	34	32	30
FXDQ50NBVE FXDQ50NBVET	35	33	31
FXDQ63NBVE FXDQ63NBVET	36	34	32

Octave Band Level

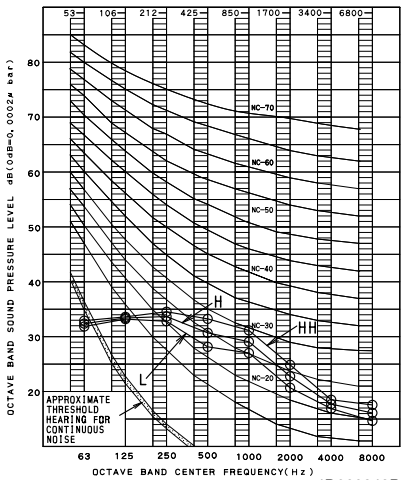
○——○ 220-240/220V, 50/60Hz

FXDQ40NBVE
FXDQ40NBVET



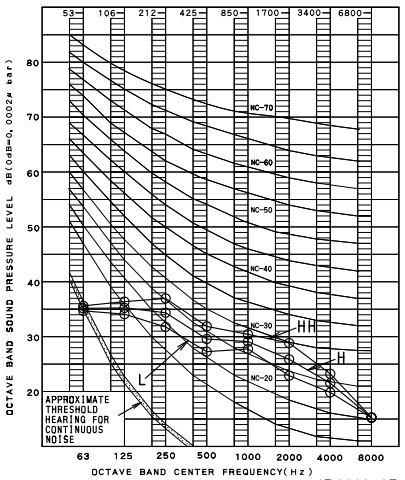
4D060948B

FXDQ50NBVE
FXDQ50NBVET



4D060949B

FXDQ63NBVE
FXDQ63NBVET



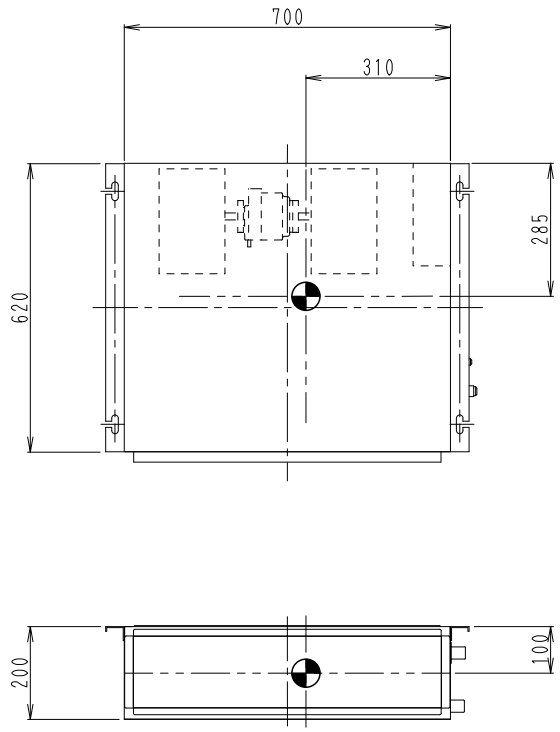
4D060950B

10. Centre of Gravity

10.1 FXDQ-PB

FXDQ20PBVE / FXDQ25PBVE / FXDQ32PBVE
FXDQ20PBVET / FXDQ25PBVET / FXDQ32PBVET

Unit (mm)



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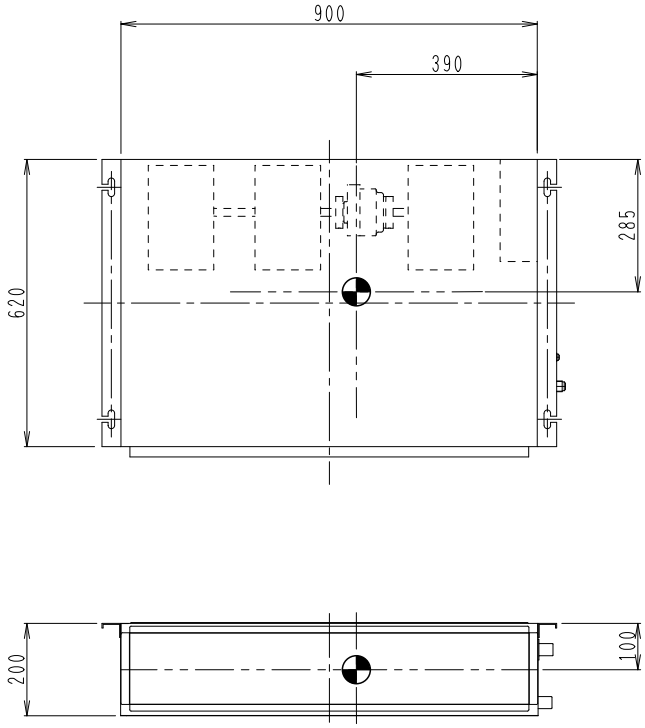
10.2 FXDQ-NB

FXDQ40NBVE / FXDQ50NBVE
FXDQ40NBVET / FXDQ50NBVET

Unit (mm)



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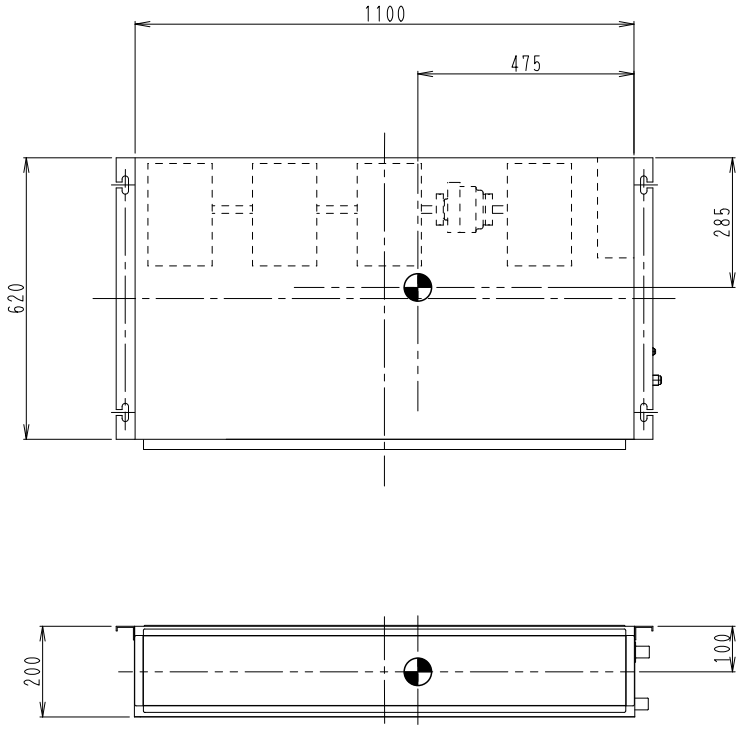
FXDQ63NBVE
FXDQ63NBVET

Unit (mm)



4D043887P

11. Accessories

11.1 Optional Accessories (for Unit)

Item	Model					
	FXDQ20PBVE FXDQ25PBVE FXDQ32PBVE	FXDQ20PBVET FXDQ25PBVET FXDQ32PBVET	FXDQ40NBVE FXDQ50NBVE	FXDQ40NBVET FXDQ50NBVET	FXDQ63NBVE	FXDQ63NBVET
Insulation kit for high humidity	KDT25N32		KDT25N50		KDT25N63	

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11.2 Optional Accessories (for Controls)

Refer to page 728.

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FXMQ-P
Ceiling Mounted Duct Type

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1. Specifications

Ceiling mounted duct type

Model				FXMQ20PVE	FXMQ25PVE	FXMQ32PVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity			kcal/h	1,900	2,400	3,100
			Btu/h	7,500	9,600	12,300
			kW	2.2	2.8	3.6
★6 Power input	Cooling	50 Hz	kW	0.056	0.056	0.060
		60 Hz	kW	0.056	0.056	0.059
Casing / Colour				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	300×550×700	300×550×700	300×550×700
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	3×16×1.75	3×16×1.75	3×16×1.75
	Face area		m²	0.098	0.098	0.098
Fan	Model			—	—	—
	Type			Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units		W	90×1	90×1	90×1
	Airflow rate (HH/H/L)		m³/min	9/7.5/6.5	9/7.5/6.5	9.5/8/7
			l/s	150/125/108	150/125/108	158/133/116
			cfm	318/265/230	318/265/230	335/282/247
	★3 External static pressure		Pa	30-100 (50)	30-100 (50)	30-100 (50)
	Drive			Direct drive	Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter				★4	★4	★4
Piping connections	Liquid pipes		mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes		mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass			kg	25	25	25
★5 Sound pressure level (HH/H/L)			dB(A)	33/31/29	33/31/29	34/32/30
Sound power level (H)			dB(A)	51	51	52
Safety devices				Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.
Refrigerant control				Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.
Drawing No.				C: 3D060388E		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. External static pressure can be modified using a remote controller that offers seven (FXMQ20-32P), thirteen (FXMQ40P), fourteen (FXMQ50-125P) or ten (FXMQ140P) levels of control. These values indicate the lowest and highest possible static pressures. The rated static pressure is shown with ( ). The factory setting is the rated value.
★4. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
★5. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
★6. Power input values are based on conditions of rated external static pressure.
7. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Ceiling mounted duct type

Model				FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity			kcal/h	3,900	4,800	6,100	7,700
			Btu/h	15,400	19,100	24,200	30,700
			kW	4.5	5.6	7.1	9.0
★6 Power input	Cooling	50 Hz	kW	0.151	0.128	0.138	0.185
		60 Hz	kW	0.150	0.127	0.138	0.184
Casing / Colour				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	300×700×700	300×1,000×700	300×1,000×700	300×1,000×700
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	3×16×1.75	3×16×1.75	3×16×1.75	3×16×1.75
	Face area		m²	0.148	0.249	0.249	0.249
Fan	Model			—	—	—	—
	Type			Sirocco fan	Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units		W	140×1	350×1	350×1	350×1
	Airflow rate (HH/H/L)		m³/min	16/13/11	18/16.5/15	19.5/17.5/16	25/22.5/20
			l/s	267/216/183	300/275/250	325/292/267	417/375/333
			cfm	565/459/388	635/582/530	688/618/565	883/794/706
	★3 External static pressure		Pa	30-160 (100)	50-200 (100)	50-200 (100)	50-200 (100)
	Drive			Direct drive	Direct drive	Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter				★4	★4	★4	★4
Piping connections	Liquid pipes		mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes		mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass			kg	28	36	36	36
★5 Sound pressure level (HH/H/L)			dB(A)	39/37/35	41/39/37	42/40/38	43/41/39
Sound power level (H)			dB(A)	57	59	60	61
Safety devices				Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.
Refrigerant control				Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.
Drawing No.				C: 3D060388E			

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. External static pressure can be modified using a remote controller that offers seven (FXMQ20-32P), thirteen (FXMQ40P), fourteen (FXMQ50-125P) or ten (FXMQ140P) levels of control. These values indicate the lowest and highest possible static pressures. The rated static pressure is shown with ( ). The factory setting is the rated value.
★4. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
★5. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
★6. Power input values are based on conditions of rated external static pressure.
7. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m³/min×35.3

9

Ceiling mounted duct type

Model				FXMQ100PVE	FXMQ125PVE	FXMQ140PVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity			kcal/h	9,600	12,000	13,800
			Btu/h	38,200	47,800	54,600
			kW	11.2	14.0	16.0
★6 Power input	Cooling	50 Hz	kW	0.215	0.284	0.405
		60 Hz	kW	0.214	0.283	0.404
Casing / Colour				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	300×1,400×700	300×1,400×700	300×1,400×700
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	3×16×1.75	3×16×1.75	3×16×1.5
	Face area		m²	0.383	0.383	0.383
Fan	Model			—	—	—
	Type			Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units		W	350×1	350×1	350×1
	Airflow rate (HH/H/L)		m³/min	32/27/23	39/33/28	46/39/32
			l/s	533/450/383	650/550/466	767/650/533
			cfm	1,130/953/812	1,377/1,165/988	1,624/1,377/1,130
	★3 External static pressure		Pa	50-200 (100)	50-200 (100)	50-140 (100)
	Drive			Direct drive	Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter				★4	★4	★4
Piping connections	Liquid pipes		mm	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes		mm	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass			kg	46	46	47
★5 Sound pressure level (HH/H/L)			dB(A)	43/41/39	44/42/40	46/45/43
Sound power level (H)			dB(A)	61	62	64
Safety devices				Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.	Fuse. Fan driver overload protector.
Refrigerant control				Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.	Operation manual. Installation manual. Drain hose. Sealing pads. Clamps. Washers. Screws. Insulation for fitting. Clamp metal. Air discharge flange. Air suction flange.
Drawing No.				C: 3D060388E		

Note:

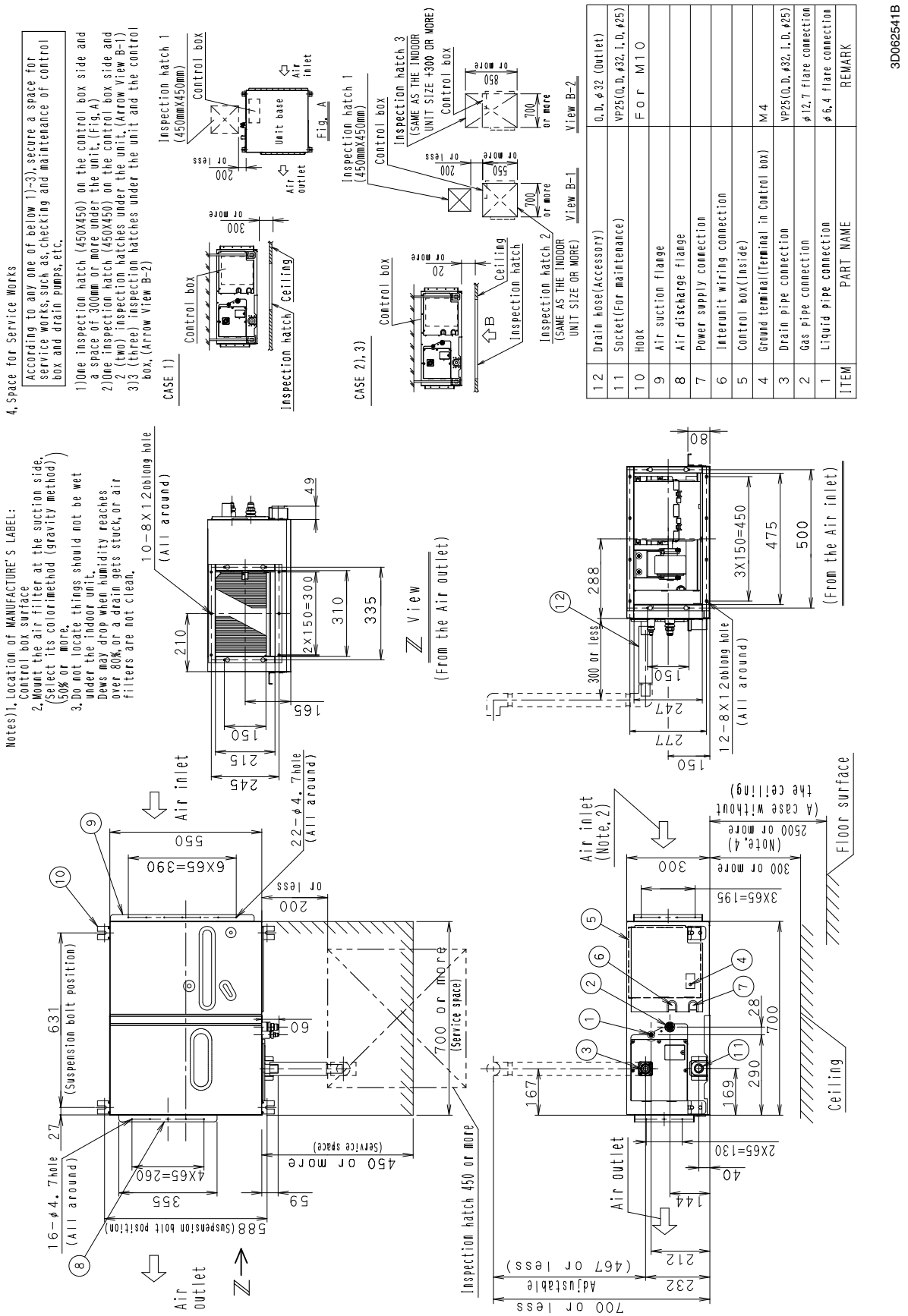
★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. External static pressure can be modified using a remote controller that offers seven (FXMQ20-32P), thirteen (FXMQ40P), fourteen (FXMQ50-125P) or ten (FXMQ140P) levels of control. These values indicate the lowest and highest possible static pressures. The rated static pressure is shown with ( ). The factory setting is the rated value.
★4. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
★5. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
★6. Power input values are based on conditions of rated external static pressure.
7. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

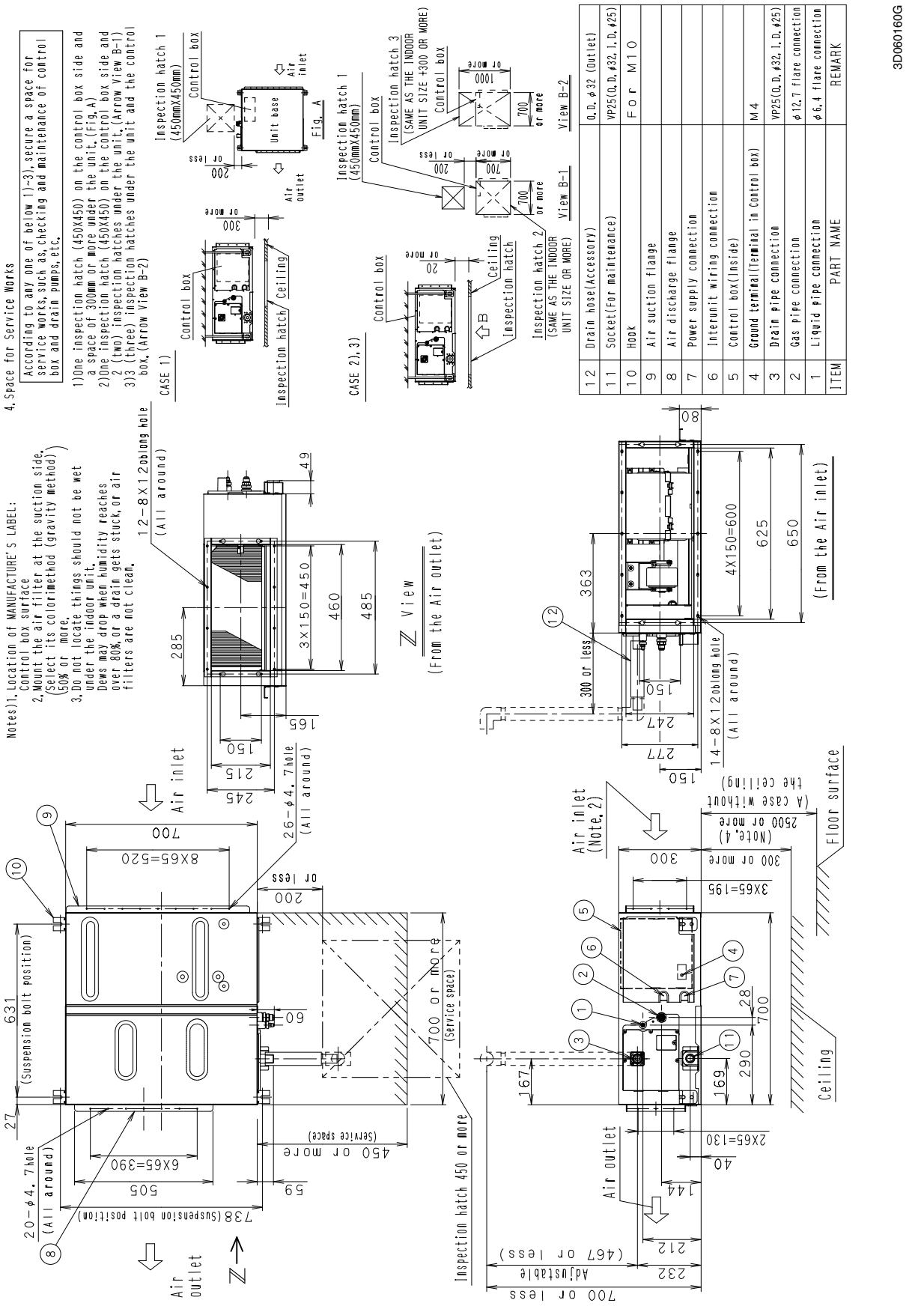
FXMQ20PVE / FXMQ25PVE / FXMQ32PVE

Unit (mm)



FXMQ40PVE

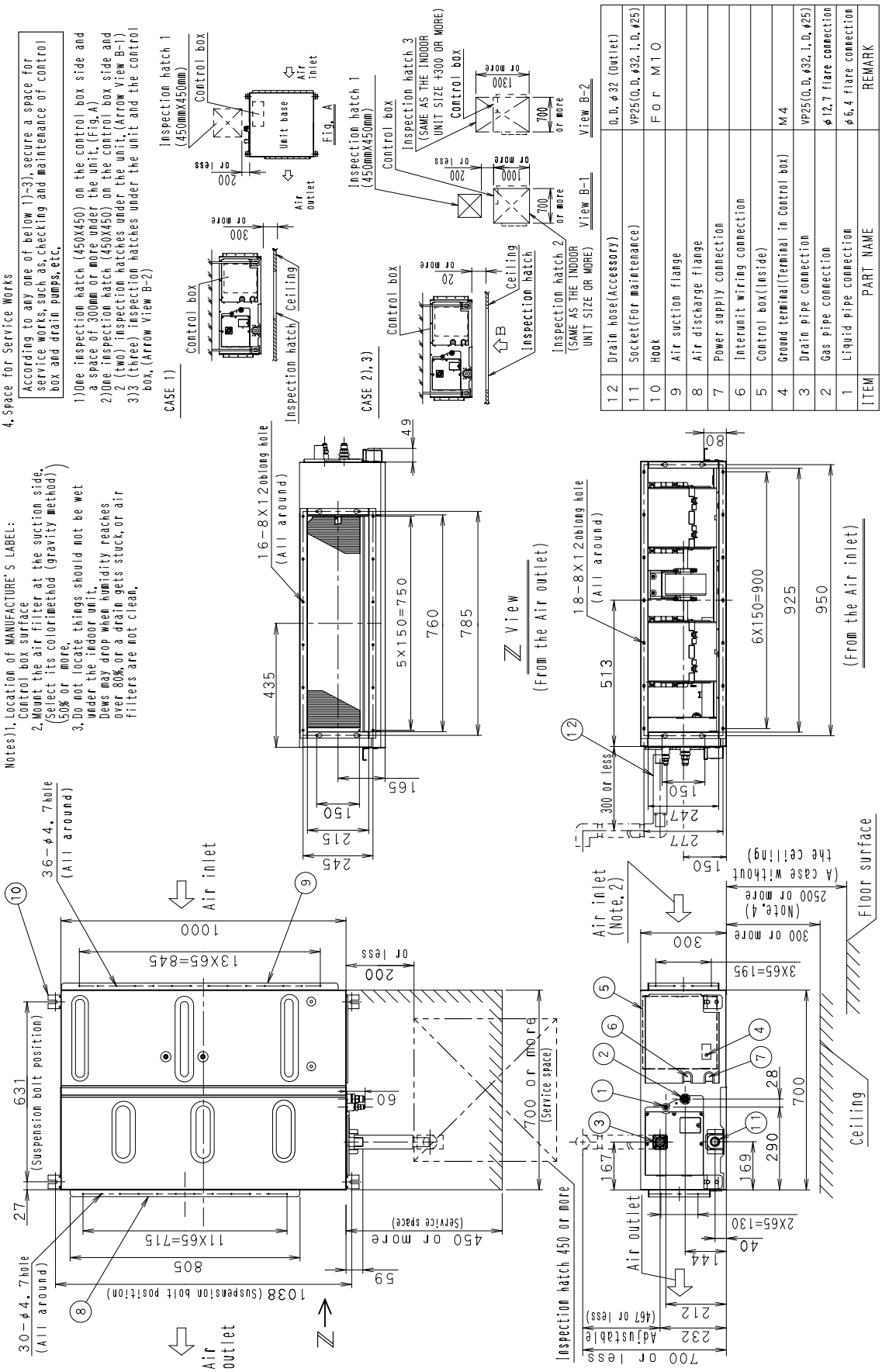
Unit (mm)



12	Drain hose(Accessory)	O.D. φ32 (Outlet)
11	Socket(For maintenance)	VP25(O.D.φ32.I.D.φ25)
10	Hook	For M10
9	Air suction flange	
8	Air discharge flange	
7	Power supply connection	
6	Interunit wiring connection	
5	Control box(Inside)	
4	Ground terminal(Terminal in Control box)	M4
3	Drain pipe connection	VP25(O.D.φ32.I.D.φ25)
2	Gas pipe connection	φ12.7 flare connection
1	Liquid pipe connection	φ6.4 flare connection
ITEM	PART NAME	REMARK

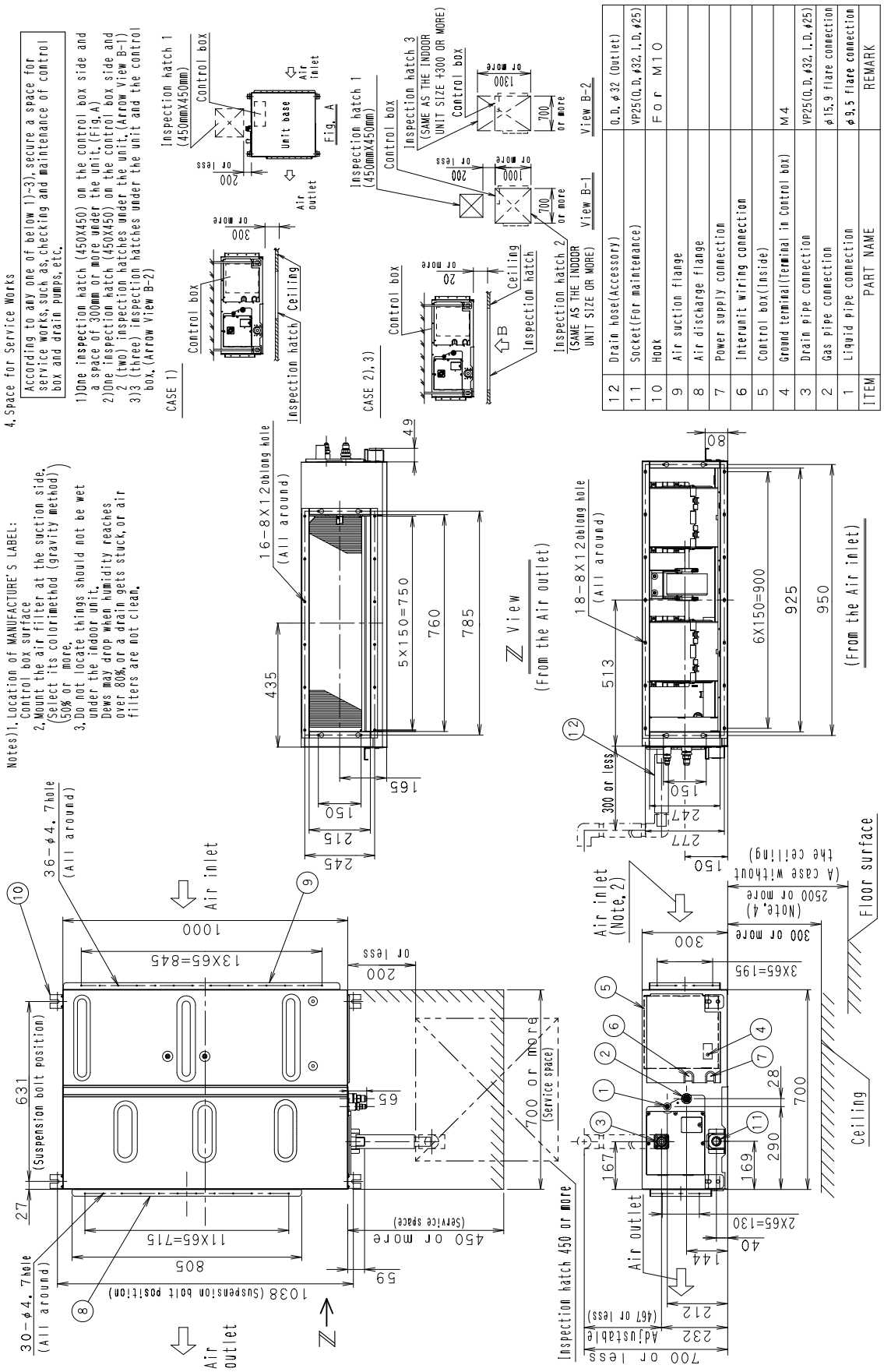
FXMQ50PVE

Unit (mm)



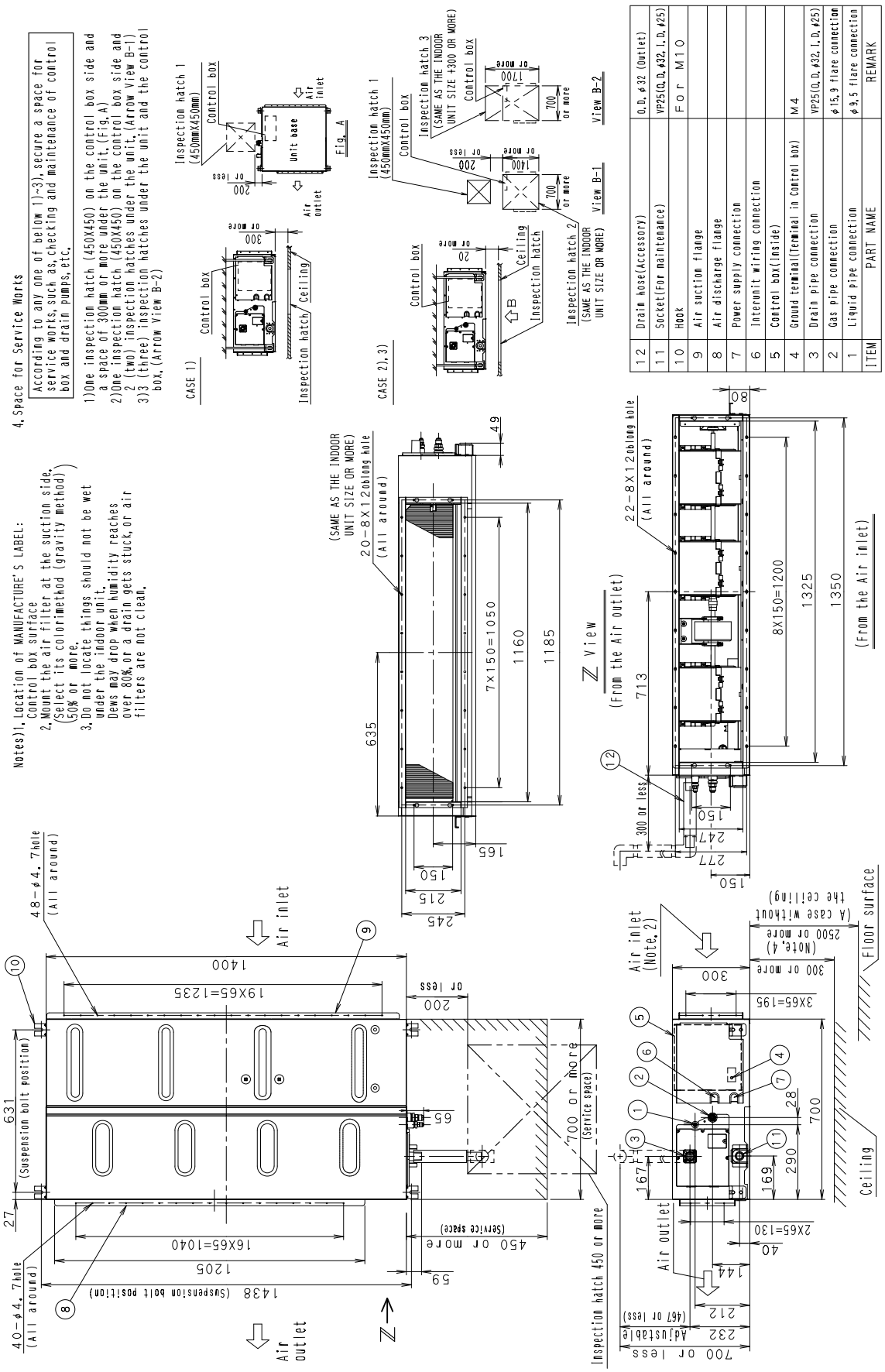
FXMQ63PVE / FXMQ80PVE

Unit (mm)



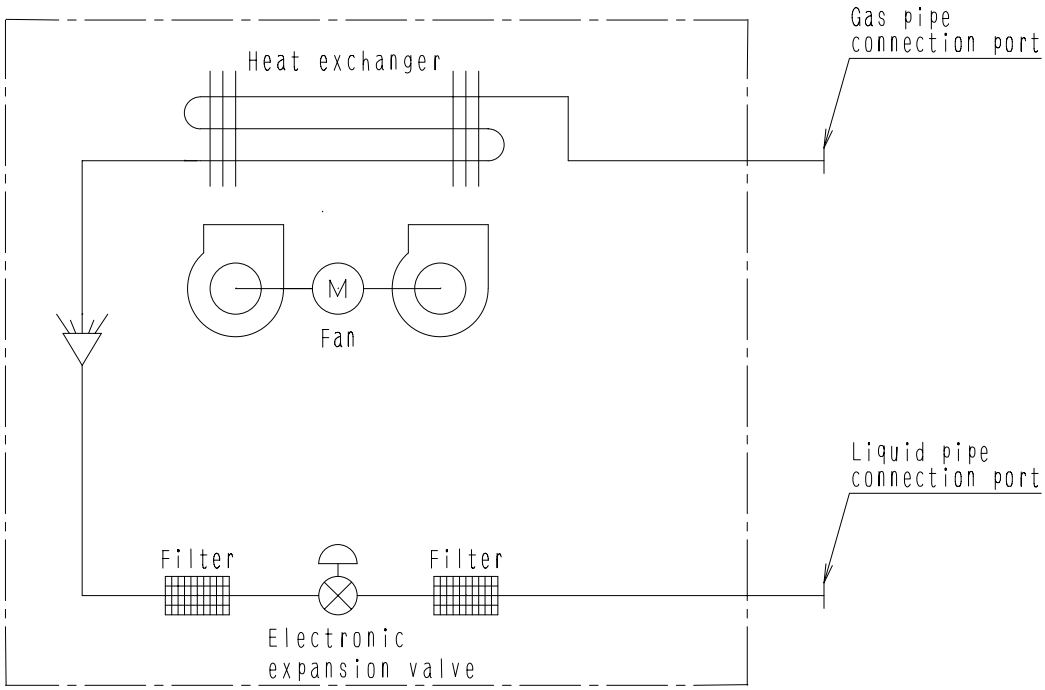
FXMQ100PVE / FXMQ125PVE / FXMQ140PVE

Unit (mm)



ITEM	PART NAME	REMARK
12	Drain hose(Accessory)	O.D. φ32 (Outlet)
11	Socket(For maintenance)	VP25(O.D. φ32, I.D. φ25)
10	Hook	For M10
9	Air suction flange	
8	Air discharge flange	
7	Power supply connection	
6	Interunit wiring connection	
5	Control box(Inside)	
4	Ground terminal(Terminal in Control box)	M4
3	Drain pipe connection	VP25(O.D. φ32, I.D. φ25)
2	Gas pipe connection	φ15,9 flare connection
1	Liquid pipe connection	φ9,5 flare connection

3. Piping Diagrams



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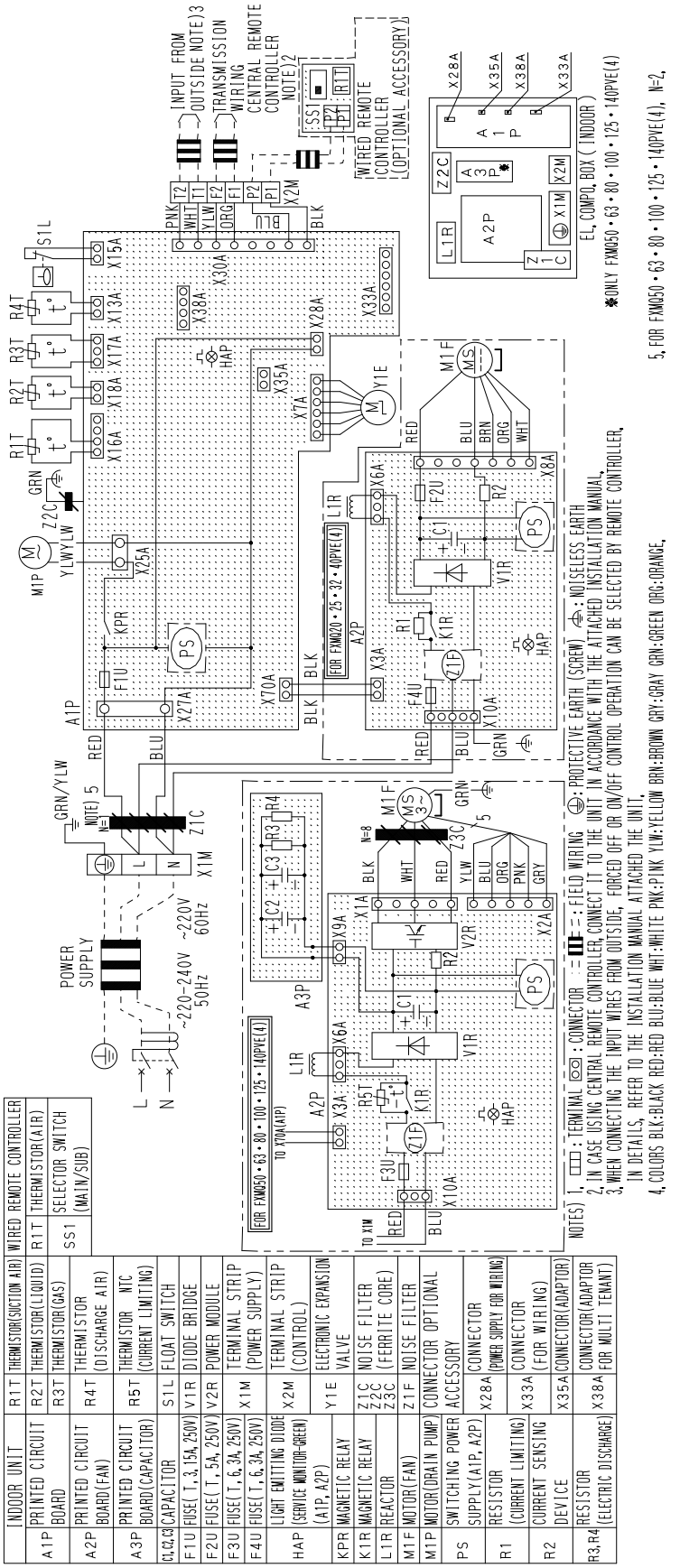
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXMQ20PVE / FXMQ25PVE / FXMQ32PVE / FXMQ40PVE / FXMQ50PVE	ϕ12.7	ϕ6.4
FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE / FXMQ140PVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXMQ20PVE / FXMQ25PVE / FXMQ32PVE / FXMQ40PVE / FXMQ50PVE / FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE / FXMQ140PVE



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5. Electric Characteristics

FXMQ20PVE / FXMQ25PVE / FXMQ32PVE / FXMQ40PVE / FXMQ50PVE / FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE / FXMQ140PVE

Model	Power supply					IFM		Input(W)	
	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXMQ20PVE	50	220~240V	Max. 264V Min. 198V	0.6	16	0.090	0.5	81	69
FXMQ25PVE				0.6	16	0.090	0.5	81	69
FXMQ32PVE				0.6	16	0.090	0.5	85	73
FXMQ40PVE				1.4	16	0.140	1.1	194	182
FXMQ50PVE				1.6	16	0.350	1.3	215	203
FXMQ63PVE				1.8	16	0.350	1.4	230	218
FXMQ80PVE				2.3	16	0.350	1.8	298	286
FXMQ100PVE				2.9	16	0.350	2.3	376	364
FXMQ125PVE				3.4	16	0.350	2.7	461	449
FXMQ140PVE				3.4	16	0.350	2.7	461	449
FXMQ20PVE	60	220V	Max. 242V Min. 198V	0.6	16	0.090	0.5	80	69
FXMQ25PVE				0.6	16	0.090	0.5	80	69
FXMQ32PVE				0.6	16	0.090	0.5	84	73
FXMQ40PVE				1.4	16	0.140	1.1	193	182
FXMQ50PVE				1.6	16	0.350	1.3	214	203
FXMQ63PVE				1.8	16	0.350	1.4	229	218
FXMQ80PVE				2.3	16	0.350	1.8	297	286
FXMQ100PVE				2.9	16	0.350	2.3	375	364
FXMQ125PVE				3.4	16	0.350	2.7	460	449
FXMQ140PVE				3.4	16	0.350	2.7	460	449

Symbols:
MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(kW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:
1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min. 16A)
4. Select wire size based on the MCA.
5. Instead of fuse, use circuit breaker.
6. The above is the value when air flow rate is maximum at maximum external static pressure position.

C: 4D060439D

6. Safety Devices Setting

Model		FXMQ20PVE	FXMQ25PVE	FXMQ32PVE	FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE	FXMQ140PVE
Printed circuit board fuse		250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A
Printed circuit board fuse (Fan driver)		250V 5A	250V 5A	250V 5A	250V 5A	250V 6.3A	250V 6.3A	250V 6.3A	250V 6.3A	250V 6.3A	250V 6.3A
Drain pump thermal fuse	°C	145	145	145	145	145	145	145	145	145	145

C: 3D034597J

9

7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXMQ-P	20	1.5	1.5	1.8	1.8	2.1	1.9	2.2	1.9	2.2	1.9	2.3	1.8	2.3	1.8
	25	1.9	1.8	2.3	2.0	2.6	2.3	2.8	2.3	2.8	2.2	2.9	2.1	3.0	2.2
	32	2.4	2.1	2.9	2.4	3.4	2.7	3.6	2.8	3.6	2.7	3.7	2.7	3.8	2.6
	40	3.0	2.9	3.6	3.4	4.2	3.8	4.5	3.8	4.6	3.7	4.7	3.5	4.8	3.6
	50	3.8	3.6	4.5	4.1	5.2	4.5	5.6	4.6	5.7	4.5	5.8	4.3	5.9	3.6
	63	4.8	4.2	5.7	4.9	6.6	5.4	7.1	5.5	7.2	5.4	7.4	5.3	7.5	5.2
	80	6.1	5.3	7.2	6.1	8.4	6.9	9.0	7.0	9.1	6.9	9.3	6.6	9.5	6.6
	100	7.6	6.4	9.0	7.3	10.5	8.3	11.2	8.5	11.3	8.4	11.6	8.1	11.9	7.8
	125	9.4	8.0	11.3	9.2	13.1	10.3	14.0	10.5	14.2	10.4	14.5	10.1	14.9	9.7
	140	10.8	9.0	12.9	10.4	15.0	11.7	16.0	12.0	16.2	11.9	16.6	11.5	17.0	11.3

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

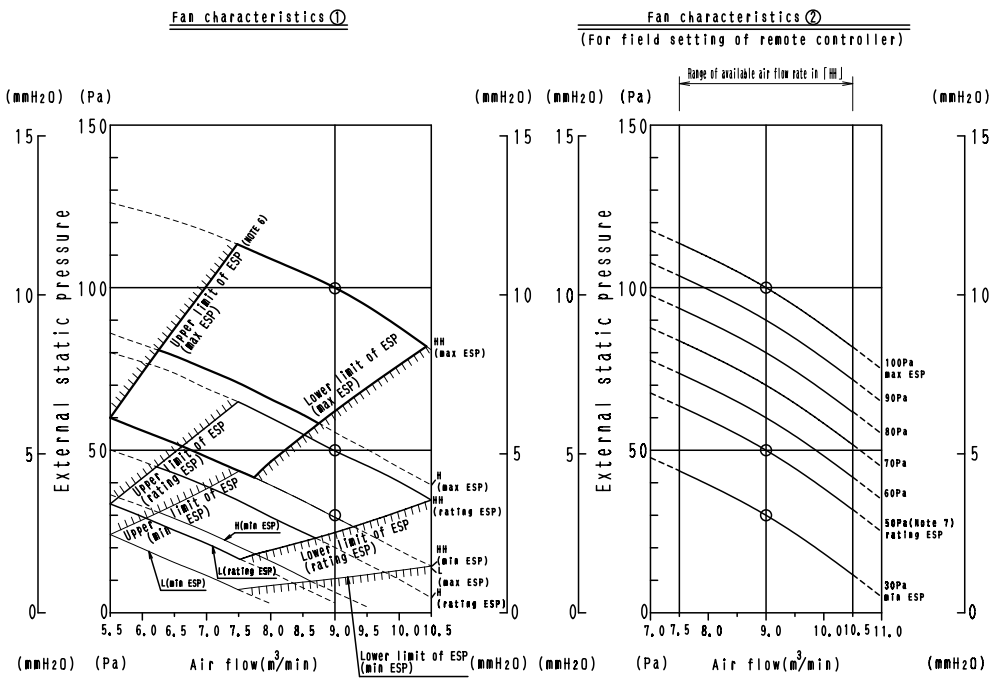
7.2 Correction Factor for Te: 9°C

When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXMQ20PVE	TC	0.684	0.705	0.764	0.790	0.812	0.837	0.859
	SHF	1.130	1.159	1.107	1.084	1.067	1.051	1.054
FXMQ25PVE	TC	0.684	0.705	0.764	0.790	0.812	0.837	0.859
	SHF	1.130	1.159	1.107	1.084	1.067	1.051	1.054
FXMQ32PVE	TC	0.686	0.706	0.766	0.792	0.814	0.837	0.859
	SHF	1.126	1.159	1.106	1.083	1.066	1.051	1.054
FXMQ40PVE	TC	0.689	0.714	0.781	0.801	0.816	0.840	0.863
	SHF	1.124	1.151	1.098	1.080	1.067	1.051	1.050
FXMQ50PVE	TC	0.674	0.707	0.766	0.788	0.808	0.838	0.861
	SHF	1.150	1.157	1.106	1.084	1.069	1.054	1.049
FXMQ63PVE	TC	0.677	0.708	0.766	0.791	0.811	0.838	0.861
	SHF	1.145	1.157	1.105	1.083	1.068	1.054	1.051
FXMQ80PVE	TC	0.686	0.710	0.775	0.799	0.815	0.839	0.861
	SHF	1.128	1.154	1.101	1.080	1.067	1.050	1.052
FXMQ100PVE	TC	0.679	0.707	0.766	0.792	0.812	0.838	0.861
	SHF	1.140	1.157	1.106	1.083	1.067	1.053	1.054
FXMQ125PVE	TC	0.687	0.709	0.773	0.799	0.815	0.838	0.861
	SHF	1.126	1.155	1.102	1.080	1.067	1.051	1.052
FXMQ140PVE	TC	0.693	0.713	0.780	0.799	0.815	0.838	0.861
	SHF	1.115	1.155	1.101	1.083	1.069	1.053	1.058

8. Fan Performances

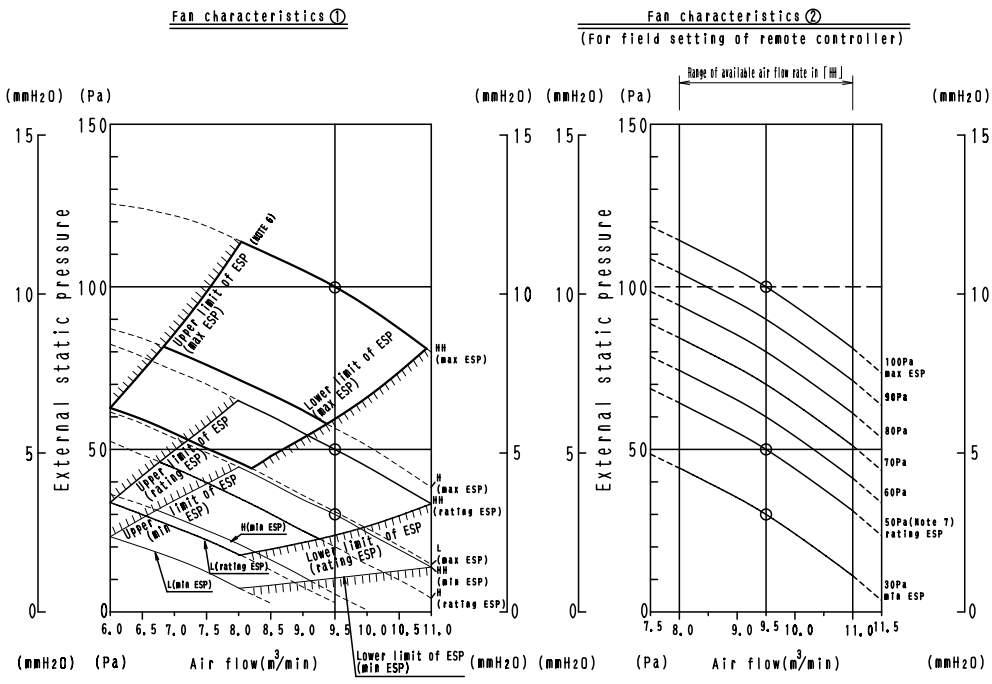
FXMQ20PVE / FXMQ25PVE



Notes:
1. As for this machine, setting is possible by 7 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.

3D062537A

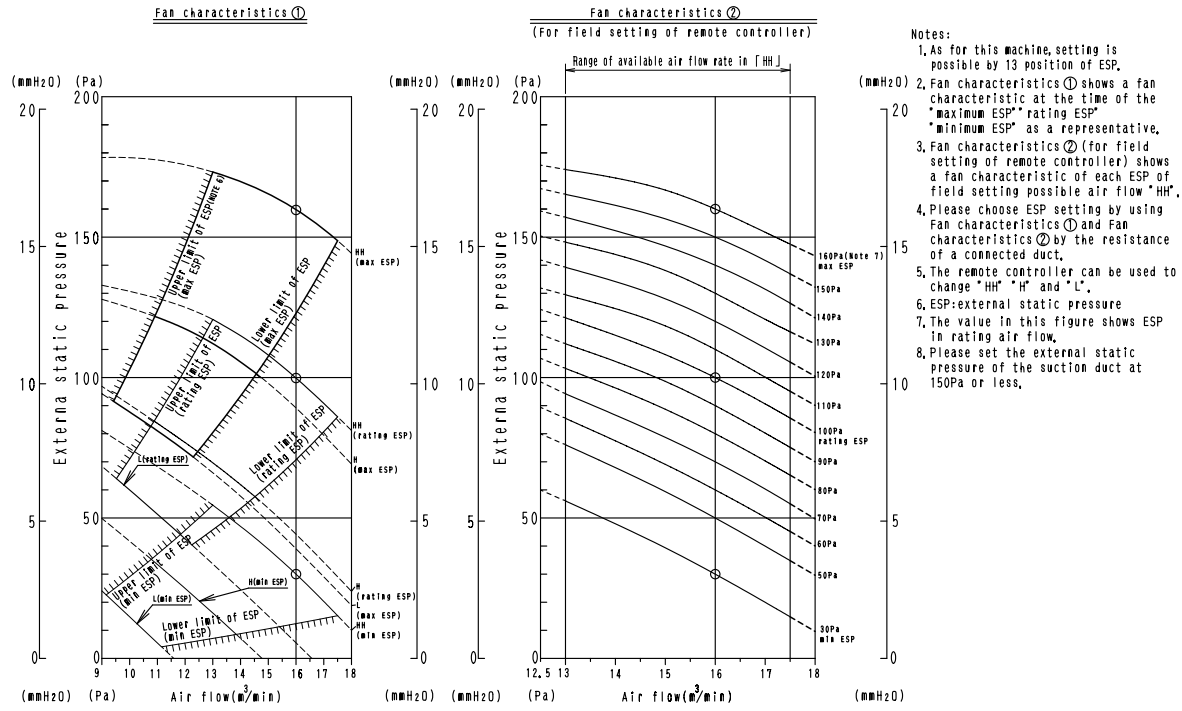
FXMQ32PVE



Notes:
1. As for this machine, setting is possible by 7 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.

3D062538A

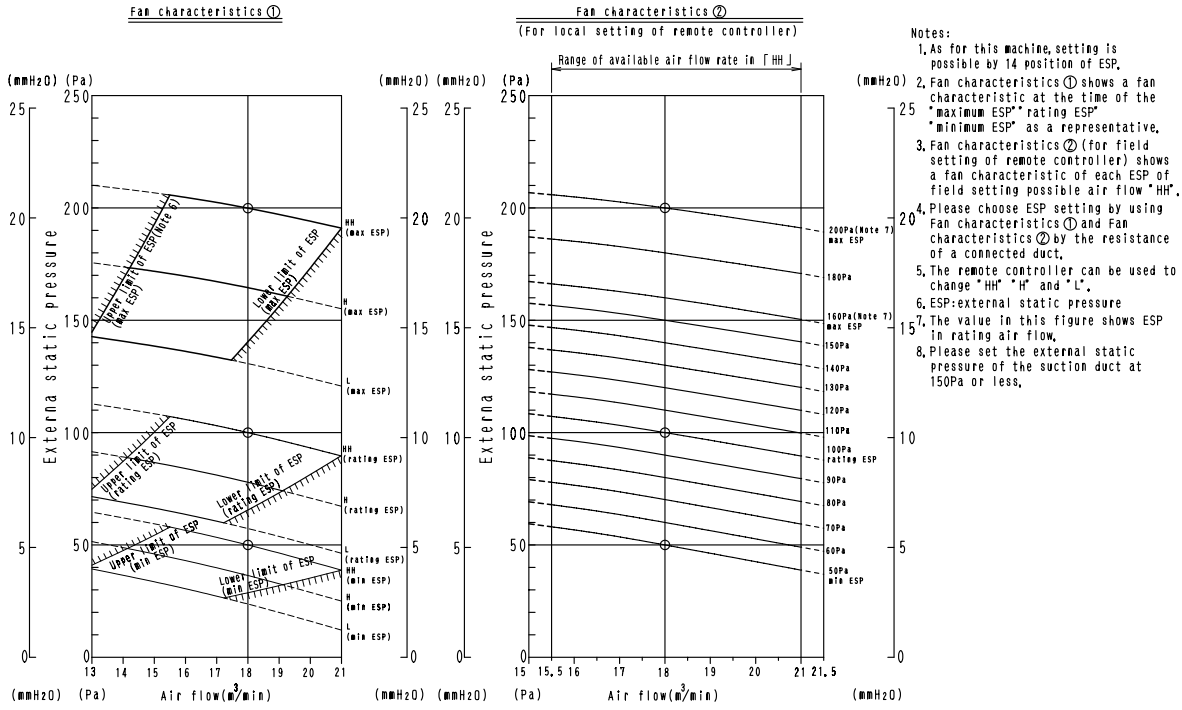
FXMQ40PVE



Notes:
1. As for this machine, setting is possible by 13 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060456C

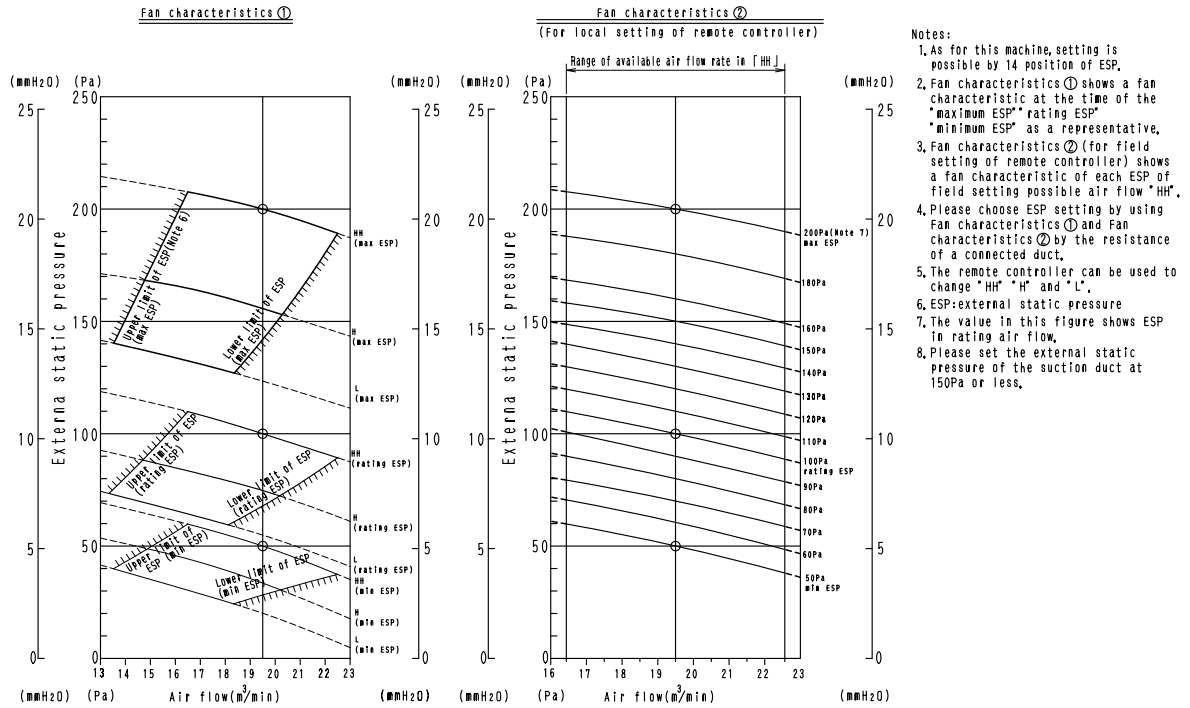
FXMQ50PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060457D

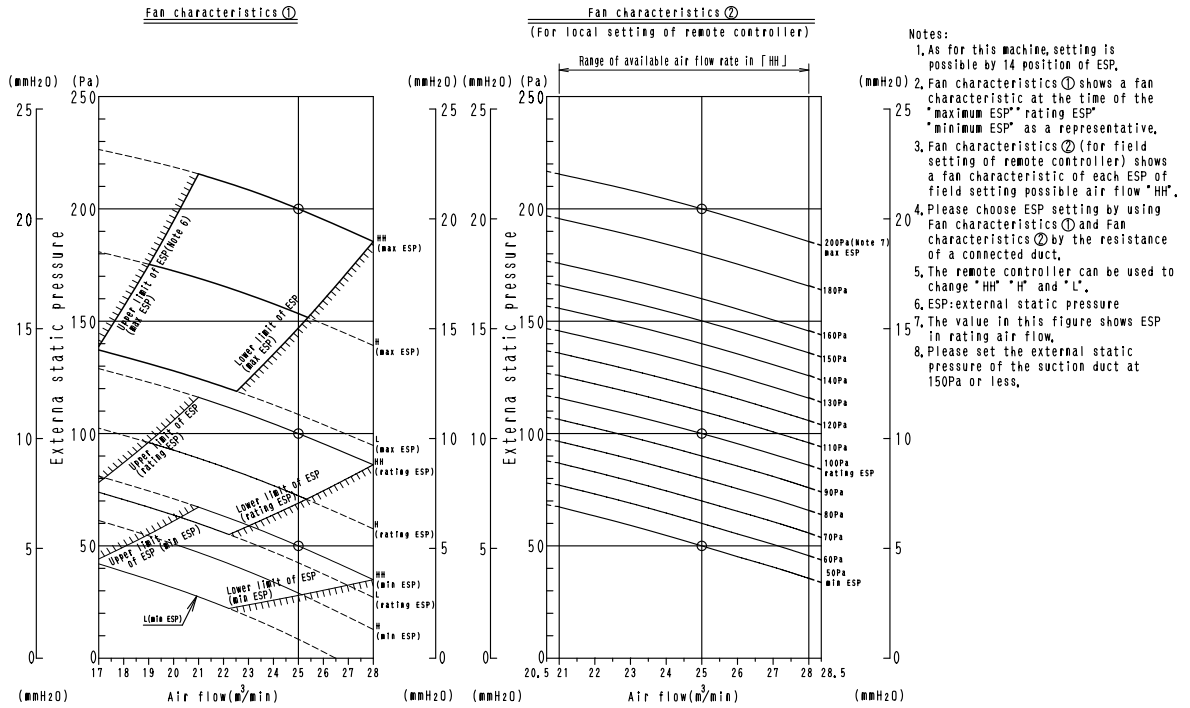
FXMQ63PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060458C

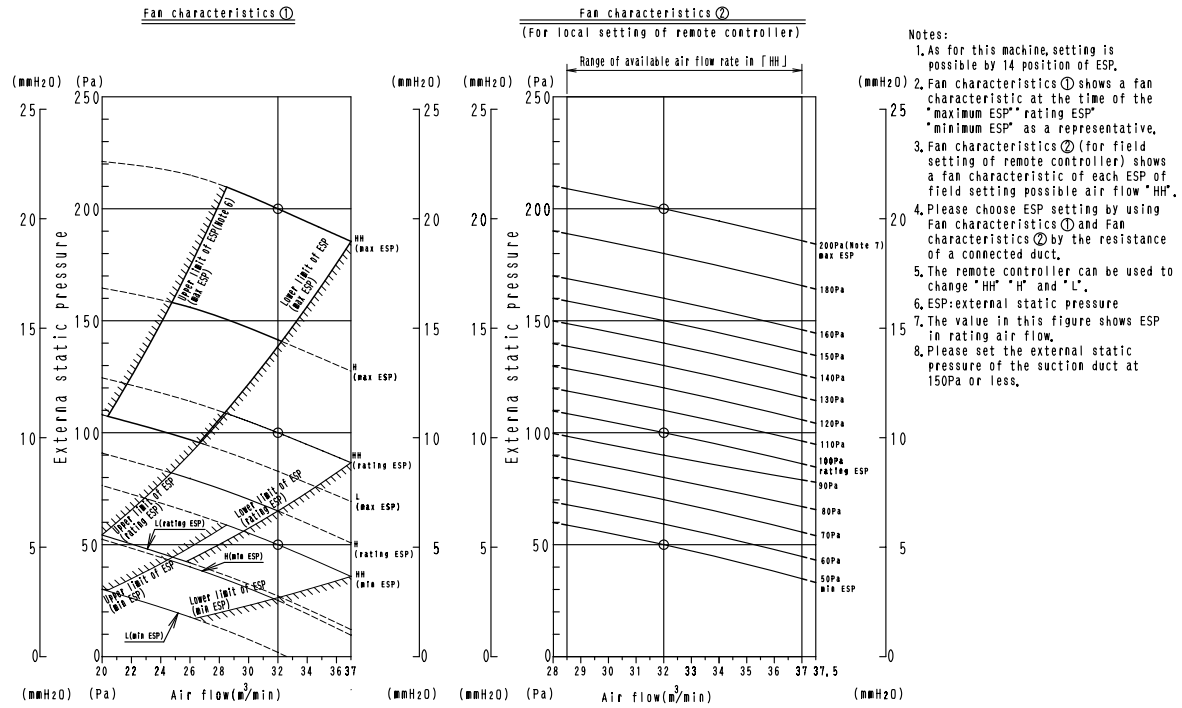
FXMQ80PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060459C

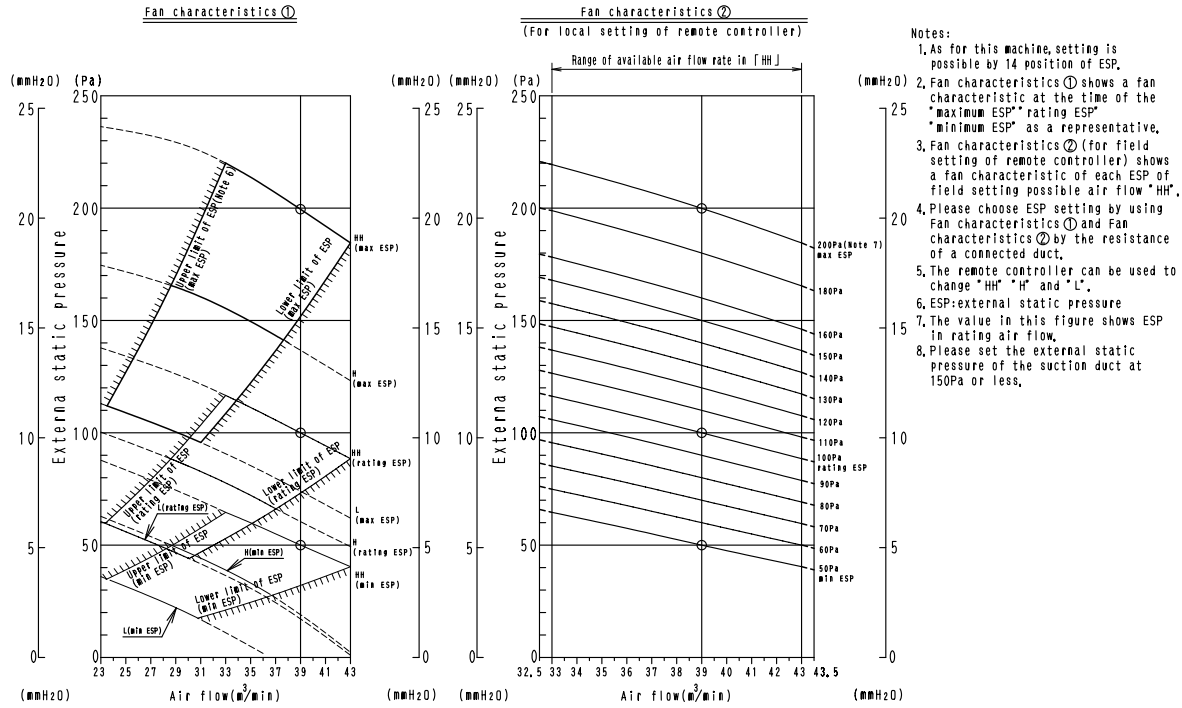
FXMQ100PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060460C

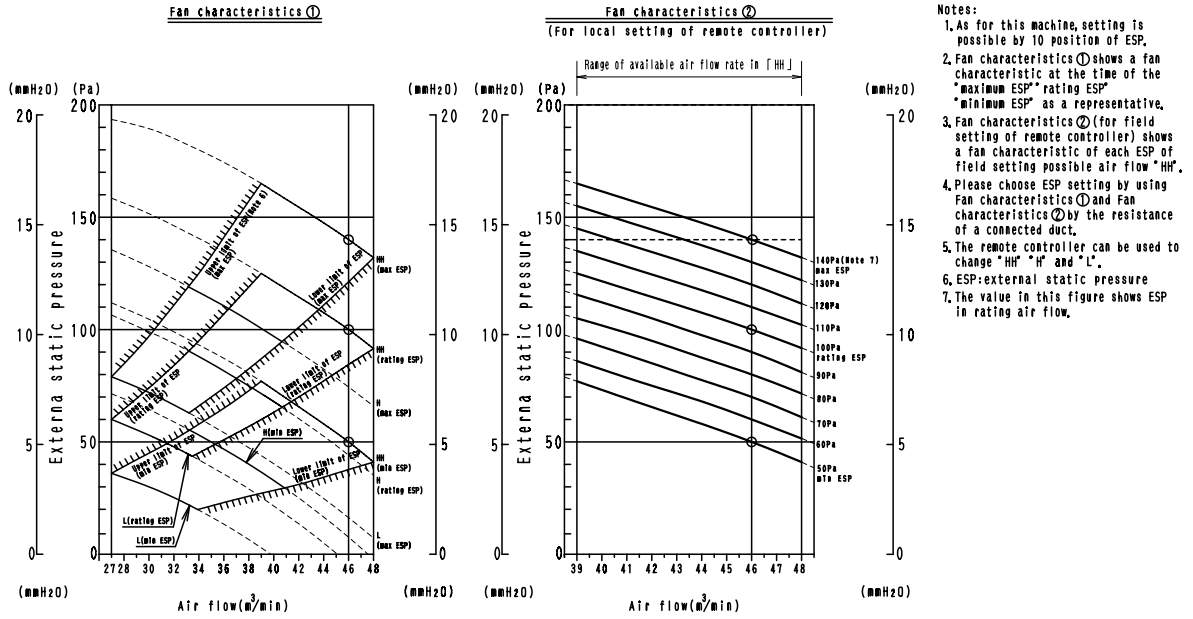
FXMQ125PVE



Notes:
1. As for this machine, setting is possible by 14 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.
8. Please set the external static pressure of the suction duct at 150Pa or less.

3D060461C

FXMQ140PVE

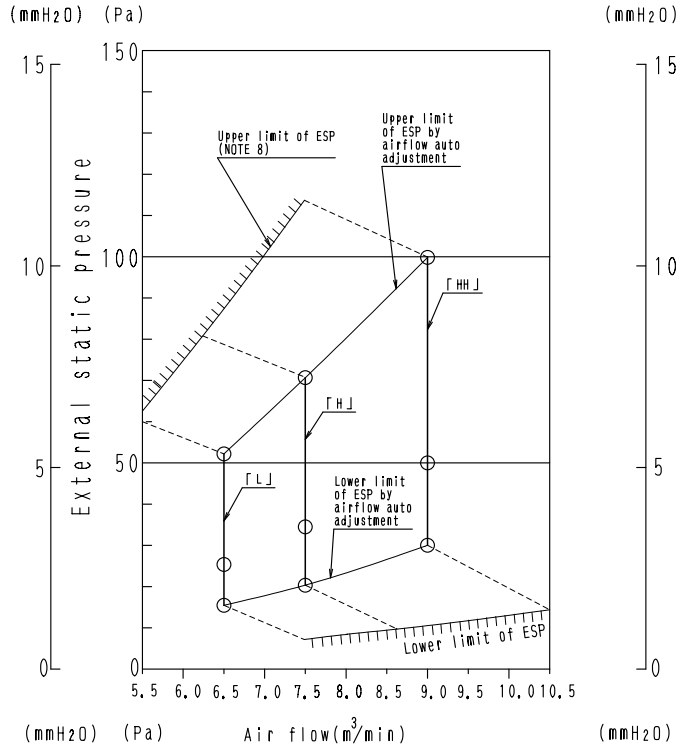


Notes:
1. As for this machine, setting is possible by 10 position of ESP.
2. Fan characteristics ① shows a fan characteristic at the time of the "maximum ESP" "rating ESP" "minimum ESP" as a representative.
3. Fan characteristics ② (for field setting of remote controller) shows a fan characteristic of each ESP of field setting possible air flow "HH".
4. Please choose ESP setting by using Fan characteristics ① and Fan characteristics ② by the resistance of a connected duct.
5. The remote controller can be used to change "HH" "H" and "L".
6. ESP:external static pressure
7. The value in this figure shows ESP in rating air flow.

3D063787

9. Airflow Auto Adjustment Characteristics

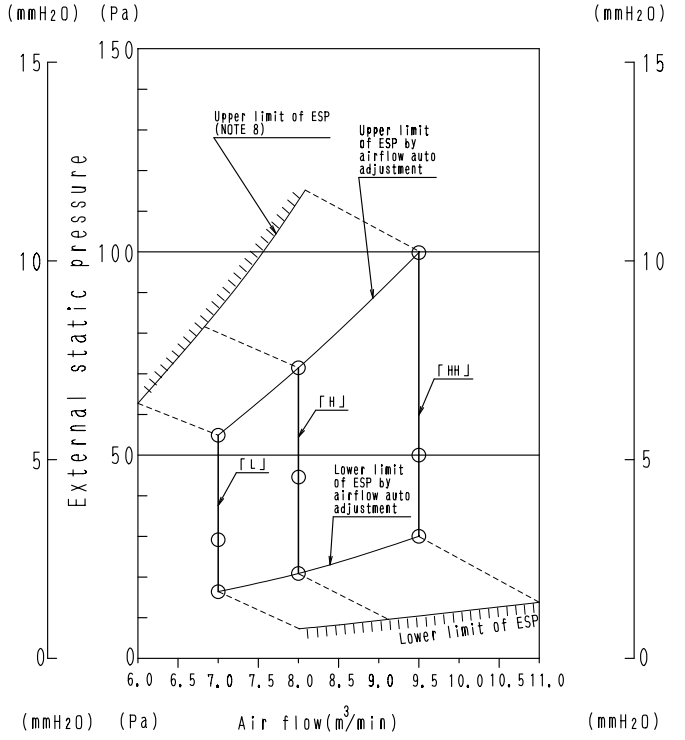
FXMQ20PVE / FXMQ25PVE



Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of ±10% of the rated value, at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 30Pa - 100Pa (When air flow is HH).
5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.

3D062539A

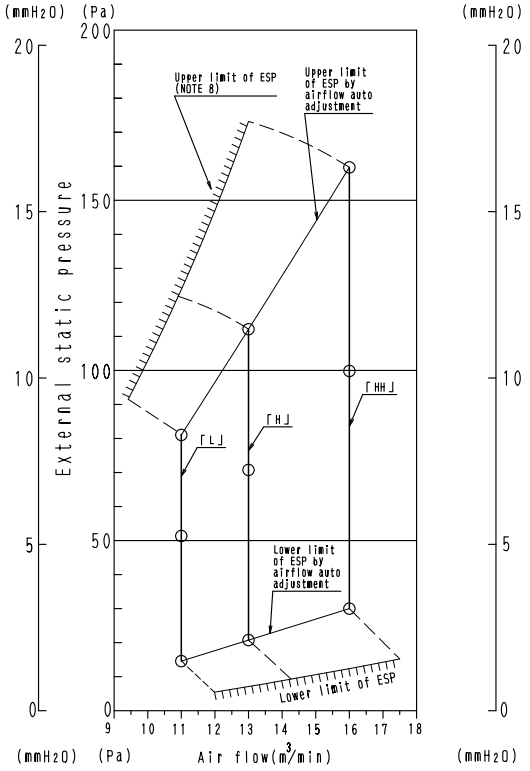
FXMQ32PVE



Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of ±10% of the rated value, at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 30Pa - 100Pa (When air flow is HH).
5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.

3D062540A

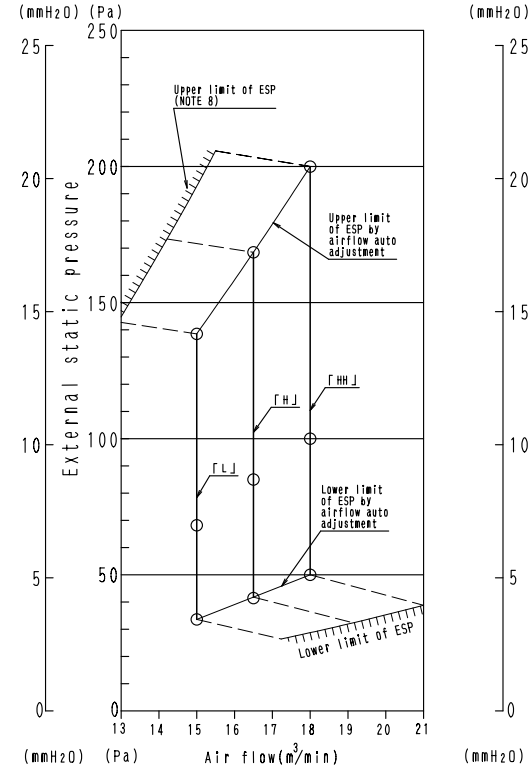
FXMQ40PVE



Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of ±10% of the rated value, at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 30Pa – 160Pa (When air flow is HH).
5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060577D

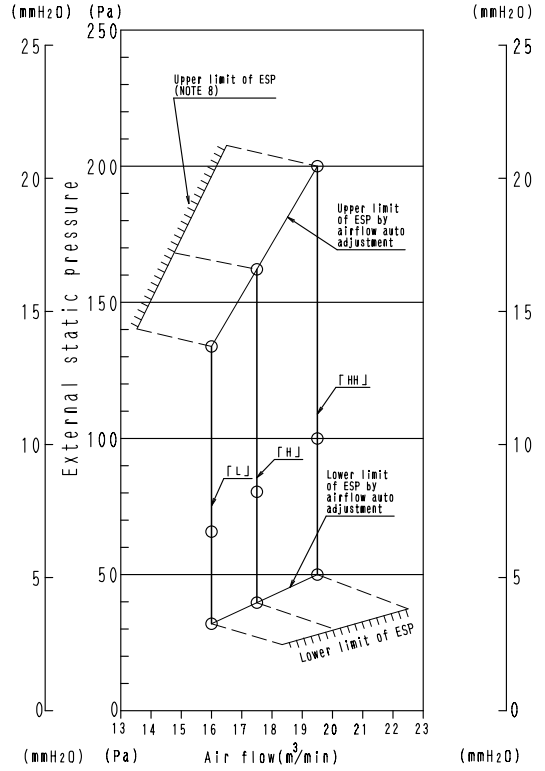
FXMQ50PVE



Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of ±10% of the rated value, at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa – 200Pa (When air flow is HH).
5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060578D

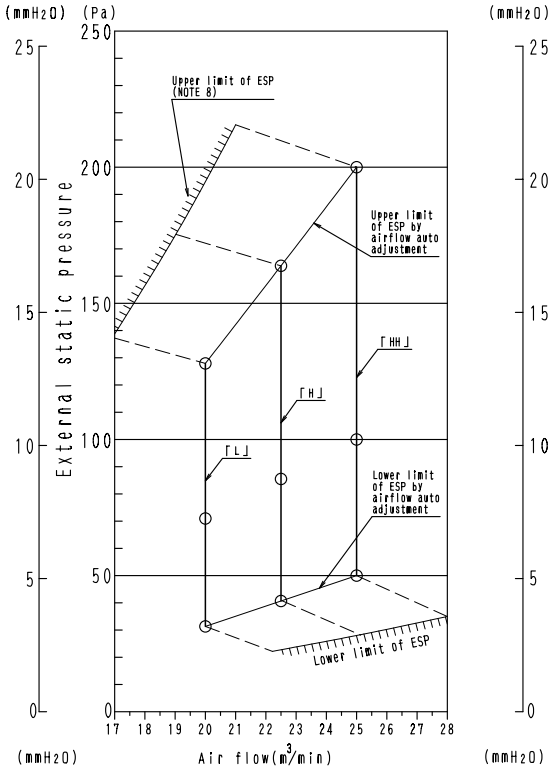
FXMQ63PVE



Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of ±10% of the rated value, at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa - 200Pa (When air flow is HH).
5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060579D

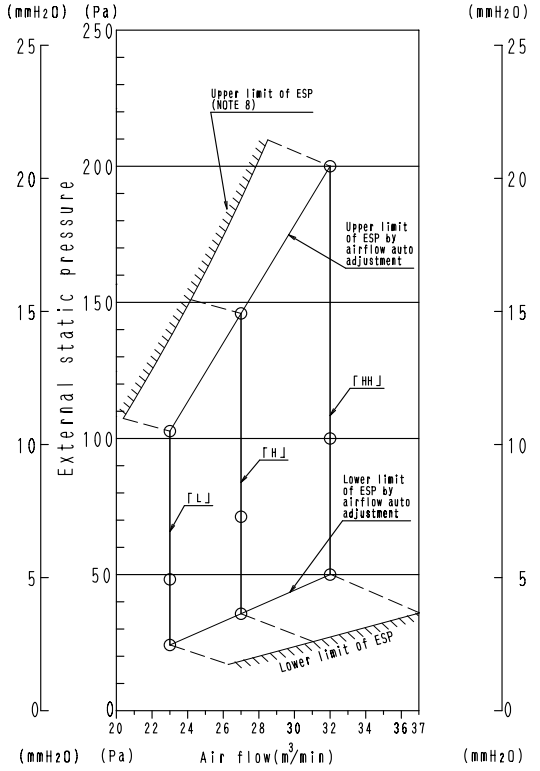
FXMQ80PVE



Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of ±10% of the rated value, at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa - 200Pa (When air flow is HH).
5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060580D

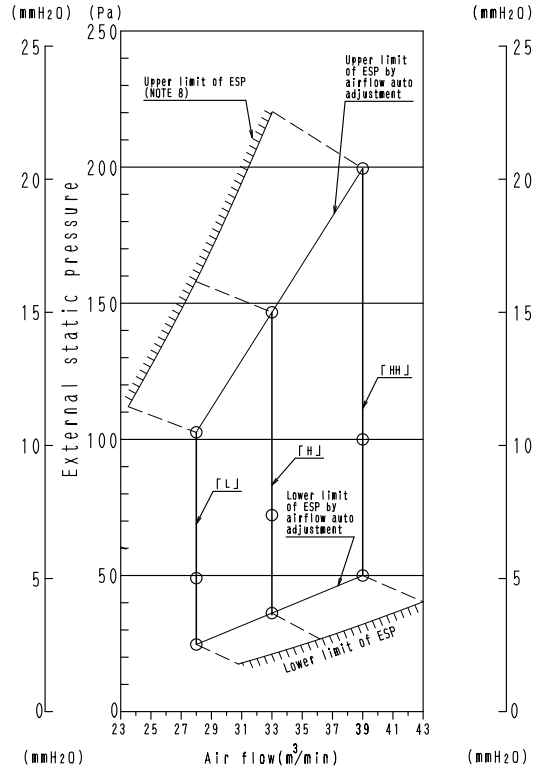
FXMQ100PVE



Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of ±10% of the rated value, at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa – 200Pa (When air flow is HH).
5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060581D

FXMQ125PVE



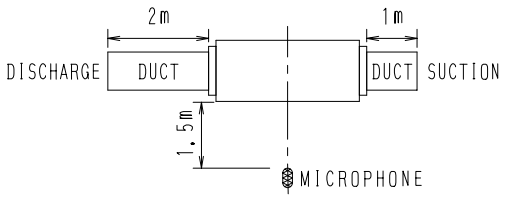
Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of ±10% of the rated value, at the time of installation.
2. After duct construction completion, please perform local setting " airflow auto adjustment " by remote controller.
3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa – 200Pa (When air flow is HH).
5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
6. This figure shows a fan characteristics at the time of "HH" "H" and "L".
7. The remote controller can be used to change "HH" "H" and "L".
8. ESP : external static pressure.
9. Please set the external static pressure of the suction duct at 150Pa or less.

3D060582D

10. Sound Levels

Overall

Location of microphone (for sound pressure level)



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

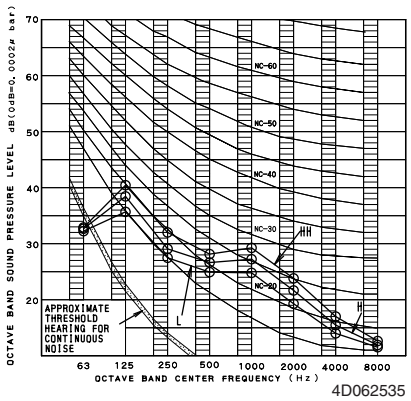
dB(A)

Model	Sound pressure level		
	220-240/220V, 50/60Hz		
	HH	H	L
FXMQ20PVE / FXMQ25PVE	33	31	29
FXMQ32PVE	34	32	30
FXMQ40PVE	39	37	35
FXMQ50PVE	41	39	37
FXMQ63PVE	42	40	38
FXMQ80PVE	43	41	39
FXMQ100PVE	43	41	39
FXMQ125PVE	44	42	40
FXMQ140PVE	46	45	43

Octave Band Level

○——○ 220-240/220V, 50/60Hz

FXMQ20PVE / FXMQ25PVE



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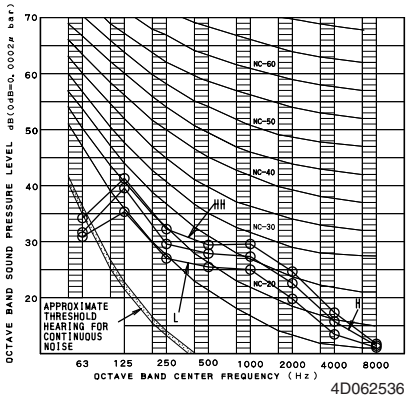
FXMQ32PVE



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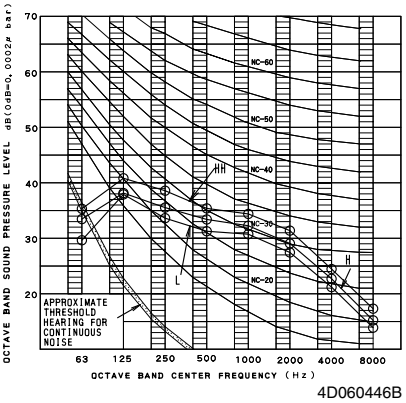
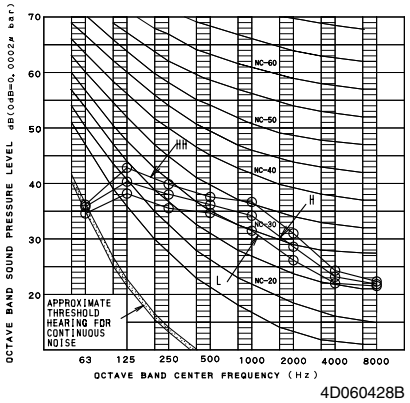
FXMQ40PVE



4D060446B

FXMQ50PVE



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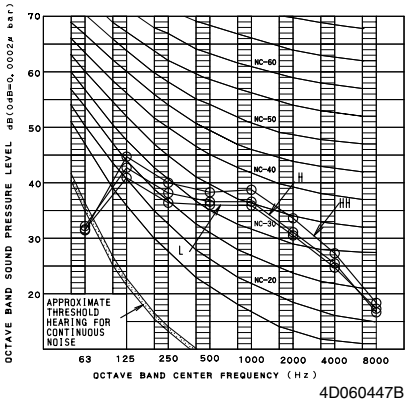
FXMQ63PVE



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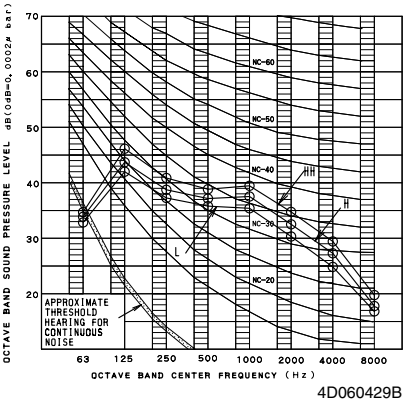
FXMQ80PVE



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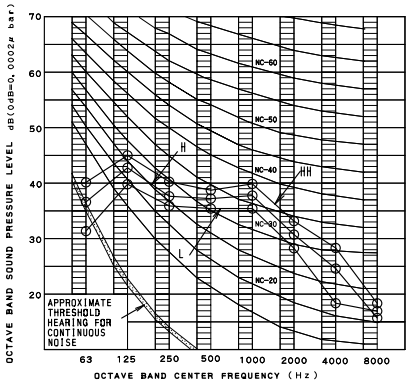
FXMQ100PVE



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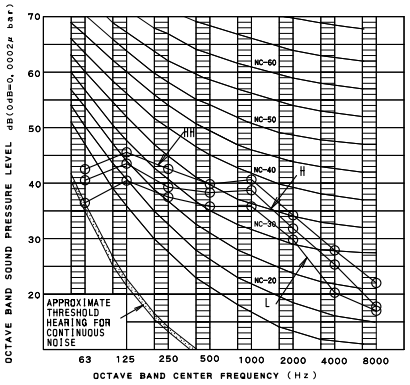
FXMQ125PVE



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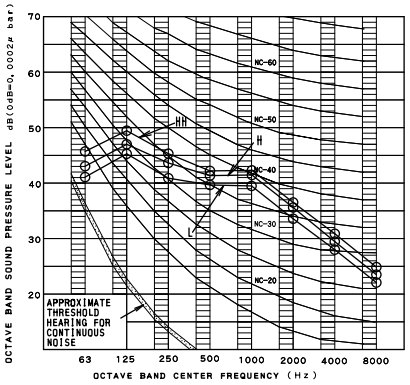
FXMQ140PVE



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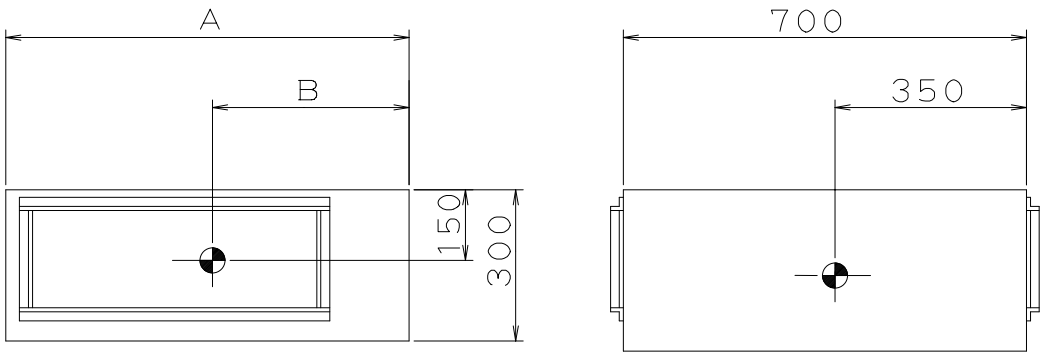
11. Centre of Gravity

FXMQ20PVE / FXMQ25PVE / FXMQ32PVE / FXMQ40PVE / FXMQ50PVE / FXMQ63PVE / FXMQ80PVE / FXMQ100PVE / FXMQ125PVE / FXMQ140PVE

Unit (mm)



9

MODEL NAME	A	B
FXMQ20・25・32PVE	550	210
FXMQ40PVE FXMQ40PVET	700	280
FXMQ50・63・80PVE FXMQ50・63・80PVET	1000	460
FXMQ100・125・140PVE FXMQ100・125PVET	1400	600

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12. Accessories

12.1 Optional Accessories (for Unit)

Item		Model									
		FXMQ20PVE	FXMQ25PVE	FXMQ32PVE	FXMQ40PVE	FXMQ50PVE	FXMQ63PVE	FXMQ80PVE	FXMQ100PVE	FXMQ125PVE	FXMQ140PVE
High efficiency filter	65%	KAF372AA36			KAF372AA56	KAF372AA80			KAF372AA160		
	90%	KAF373AA36			KAF373AA56	KAF373AA80			KAF373AA160		
Filter chamber		KDDF37AA36			KDDF37AA56	KDDF37AA80			KDDF37AA160		
Long life replacement filter		KAF371AA36			KAF371AA56	KAF371AA80			KAF371AA160		
Long life filter chamber kit		KAF375AA36			KAF375AA56	KAF375AA80			KAF375AA160		
Service panel		KTBJ25K36W			KTB25KA56W	KTB25KA80W			KTB25KA160W		
		KTBJ25K36F			KTBJ25K56F	KTBJ25K80F			KTBJ25K160F		
		KTBJ25K36T			KTBJ25K56T	KTBJ25K80T			KTBJ25K160T		
Air discharge adaptor		KDAJ25K36A			KDAJ25K56A	KDAJ25K71A			KDAJ25K140A		

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12.2 Optional Accessories (for Controls)

Refer to page 728.

FXMQ-MA
Ceiling Mounted Duct Type

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   11.1 Optional Accessories (for Unit) 197
   11.2 Optional Accessories (for Controls) 197

1. Specifications

Ceiling mounted duct type

Model				FXMQ200MAVE	FXMQ250MAVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity			kcal/h	19,300	24,100
			Btu/h	76,400	95,500
			kW	22.4	28.0
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	470×1,380×1,100	470×1,380×1,100
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	3×26×2.0	3×26×2.0
	Face area		m²	0.68	0.68
Fan	Model			D13/4G2DA1×2	D13/4G2DA1×2
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	380×2	380×2
	Airflow rate (H/L)		m³/min	58/50	72/62
			l/s	966/833	1,200/1,033
			cfm	2,047/1,765	2,542/2,189
	External static pressure	50Hz	Pa	221-132 ★3	270-191 ★3
	Drive			Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material				Glass fiber	Glass fiber
Air filter				★4	★4
Piping connections	Liquid pipes		mm	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes		mm	ϕ19.1(Brazing connection)	ϕ22.2 (Brazing connection)
	Drain pipe		mm	PS1B	PS1B
Mass			kg	137	137
★5 Sound pressure level (H/L)	220V, 50/60Hz		dB(A)	48/45	48/45
	240V, 50Hz			49/46	49/46
Safety devices				Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual. Installation manual. Sealing pads. Connection pipes. Screws. Clamps.	Operation manual. Installation manual. Sealing pads. Connection pipes. Screws. Clamps.
Drawing No.				C: 3D038814C	

Notes:

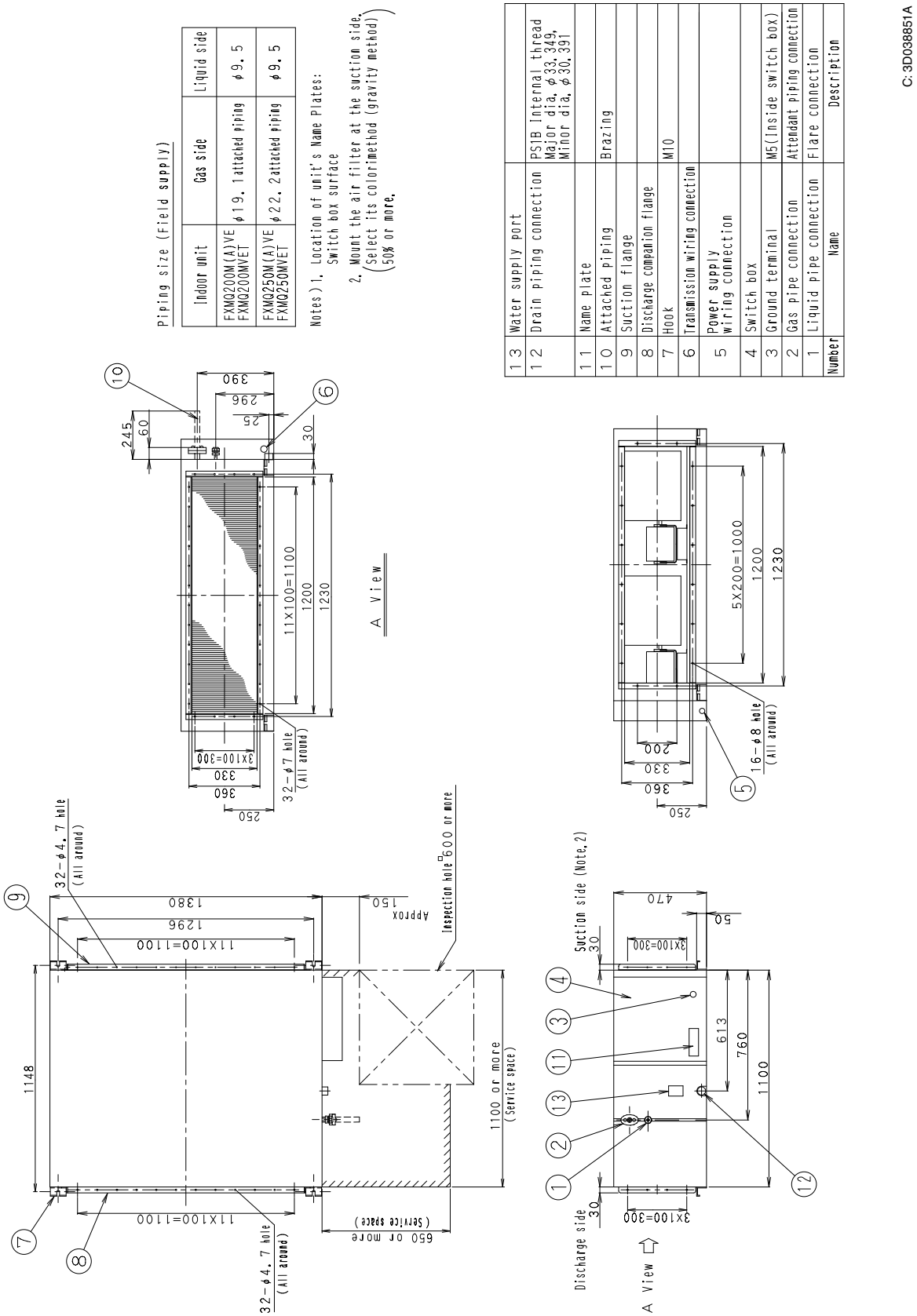
Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure-Standard".
★4. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
★5. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. These values are normally somewhat higher during actual operation as a result of ambient conditions.
6. Refer to **Electric Characteristics** for the power input.

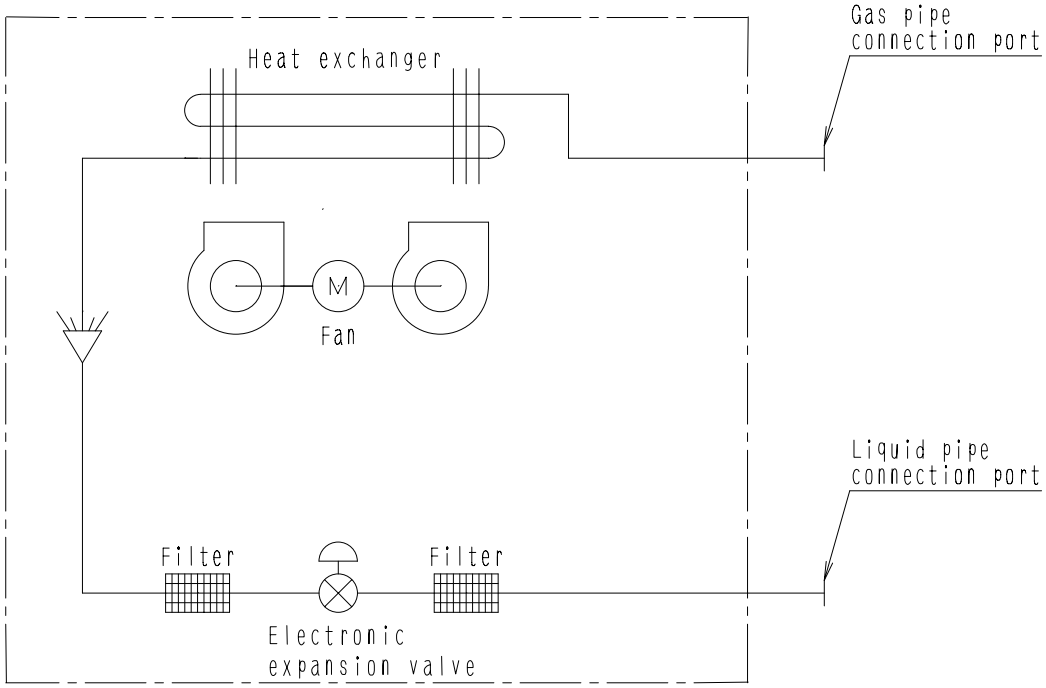
2. Dimensions

FXMQ200MAVE / FXMQ250MAVE

Unit (mm)



3. Piping Diagrams



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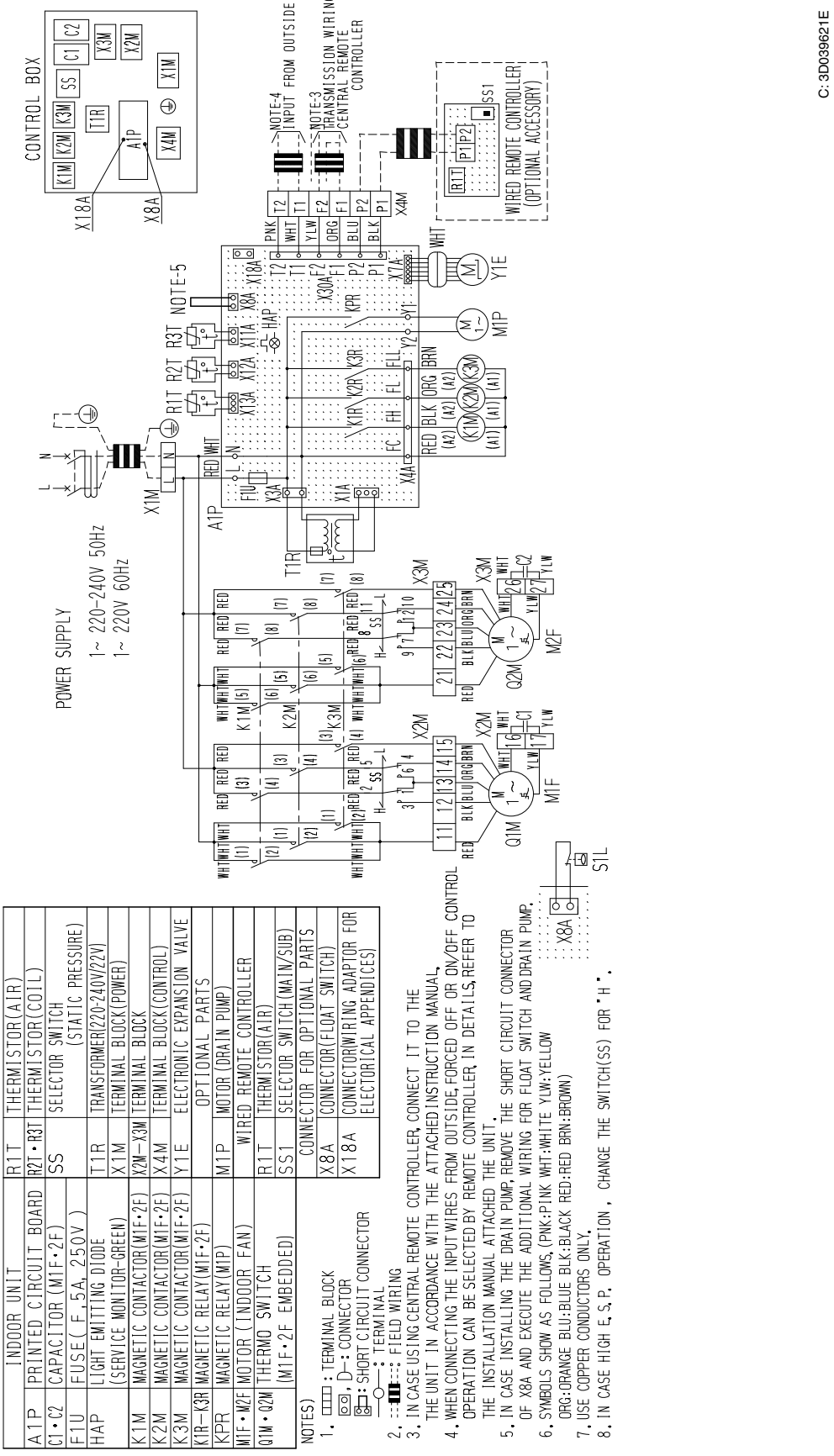
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXMQ200MAVE	ϕ19.1	ϕ9.5
FXMQ250MAVE	ϕ22.2	

4. Wiring Diagrams

FXMQ200MAVE / FXMQ250MAVE



5. Electric Characteristics

FXMQ200MAVE / FXMQ250MAVE

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXMQ200MAVE	50	220-240	MAX. 264 Min. 198	8.1	15	0.380×2	6.5	1294	1294
FXMQ250MAVE				9.0	15	0.380×2	7.2	1465	1465
FXMQ200MAVE	60	220	MAX. 242 Min. 198	9.0	15	0.380×2	7.2	1490	1490
FXMQ250MAVE				10.1	15	0.380×2	8.1	1684	1684

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXMQ200MAVE	FXMQ250MAVE
Printed circuit board fuse		250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–
Fan motor thermal protector	°C	OFF: 135±8 (ON: 87±15)	OFF: 135±8 (ON: 87±15)

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7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXMQ-MA	200	15.1	13.3	18.0	14.9	21.0	16.3	22.4	16.8	23.6	17.0	24.2	16.1	24.6	15.4
	250	18.9	16.6	22.5	18.5	26.2	20.4	28.0	20.9	29.5	21.1	30.2	20.2	30.8	19.4

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

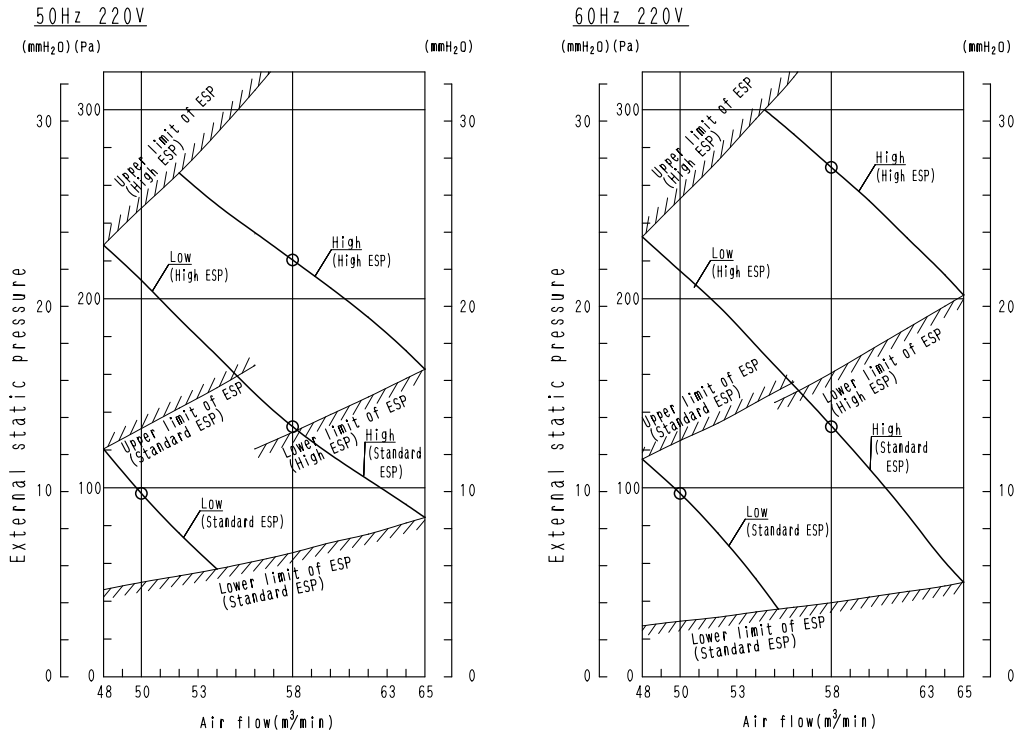
7.2 Correction Factor for Te: 9°C

When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXMQ200MAVE	TC	0.679	0.701	0.762	0.788	0.810	0.836	0.859
	SHF	1.136	1.164	1.109	1.085	1.070	1.060	1.051
FXMQ250MAVE	TC	0.687	0.717	0.781	0.800	0.815	0.841	0.864
	SHF	1.129	1.151	1.099	1.081	1.069	1.053	1.056

8. Fan Performances

FXMQ200MAVE



Notes) 1. The remote controller can be used to switch between "high" and "low".
2. The air flow is set to "standard" before leaving the factory.
It is possible to switch between "standard ESP" and "high ESP" by changing the switch in the indoor unit electrical box.

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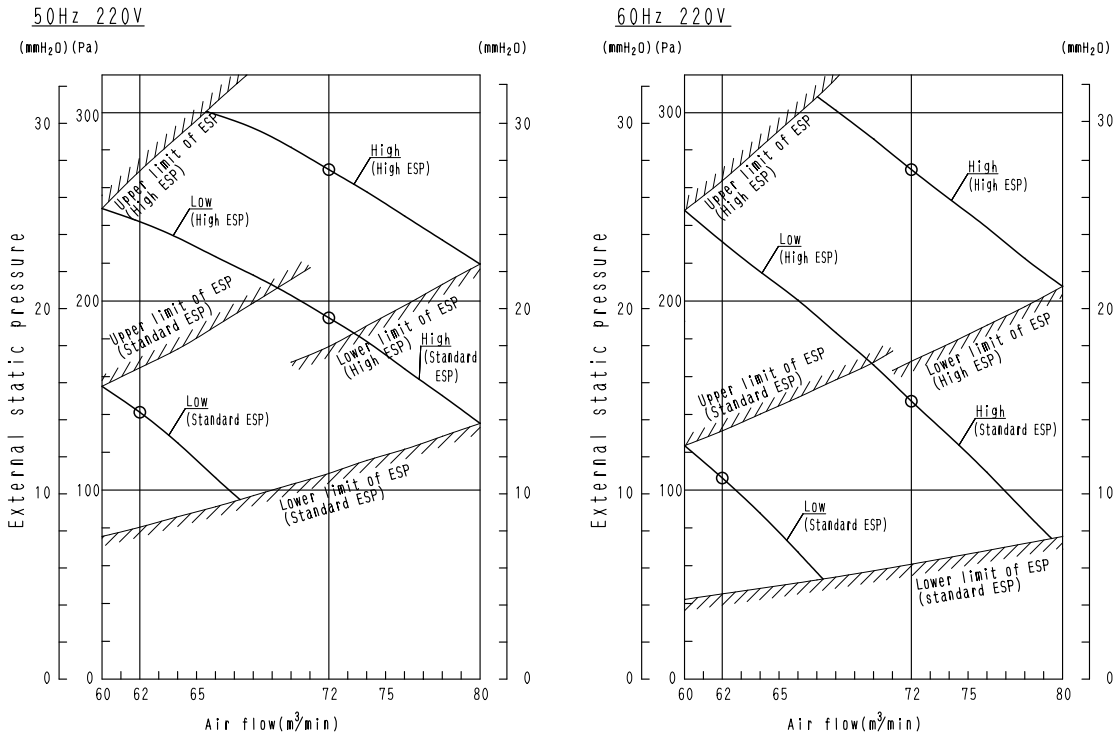
FXMQ250MAVE



Notes) 1. The remote controller can be used to switch between "high" and "low".
2. The air flow is set to "standard" before leaving the factory.
It is possible to switch between "standard ESP" and "high ESP" by changing the switch in the indoor unit electrical box.

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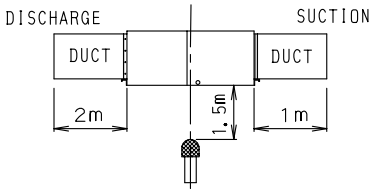
9. Sound Levels

Overall

Location of microphone (for sound pressure level)



dB(A)

Model	Sound pressure level			
	220V, 50/60Hz		240V, 50Hz	
	H	L	H	L
FXMQ200MAVE FXMQ250MAVE	48	45	49	46

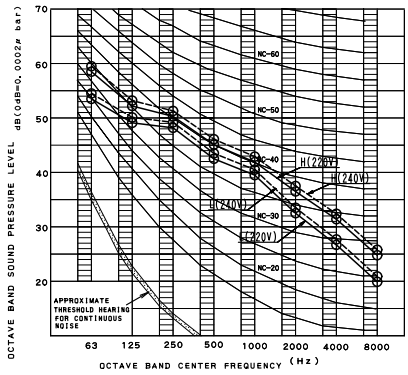
Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

Octave Band Level

○——○ 220V, 50/60Hz
○ - - - -○ 240V, 50Hz

FXMQ200MAVE



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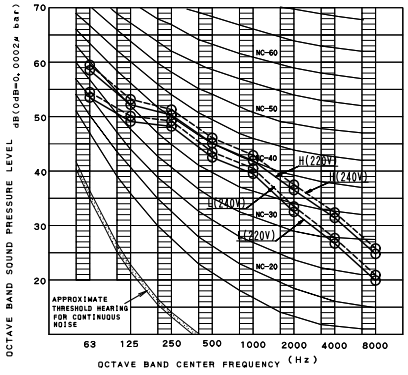
FXMQ250MAVE



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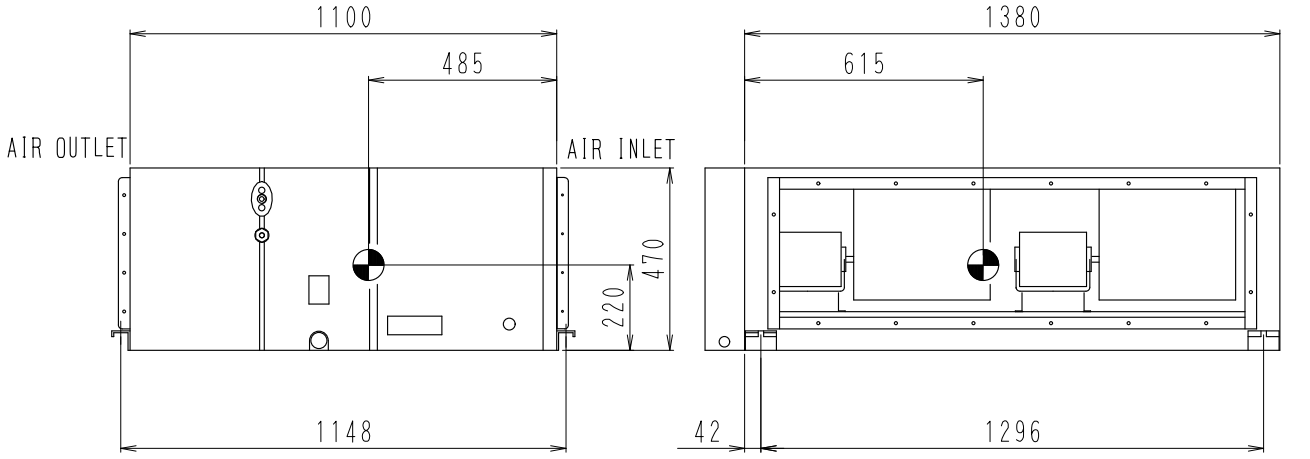
10. Centre of Gravity

FXMQ200MAVE / FXMQ250MAVE

Unit (mm)



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11. Accessories

11.1 Optional Accessories (for Unit)

Item		Model	
		FXMQ200MAVE	FXMQ250MAVE
Drain pump kit		KDU30L250VE	
High efficiency filter	65%	KAFJ372L280	
	90%	KAFJ373L280	
Filter chamber		KDJ3705L280	
Long life replacement filter		KAFJ371L280	

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11.2 Optional Accessories (for Controls)

Refer to page 728.

FXHQ-MA
Ceiling Suspended Type

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4. Wiring Diagrams 205
5. Electric Characteristics 206
6. Safety Devices Setting 207
7. Capacity Tables 208
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   9.2 Optional Accessories (for Controls) 211

1. Specifications

Ceiling suspended type

Model			FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	3,100	6,100	9,600
		Btu/h	12,300	24,200	38,200
		kW	3.6	7.1	11.2
Casing colour			White (10Y9/0.5)	White (10Y9/0.5)	White (10Y9/0.5)
Dimensions: (H×W×D)		mm	195×960×680	195×1,160×680	195×1,400×680
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×12×1.75	3×12×1.75	3×12×1.75
	Face area	m²	0.182	0.233	0.293
Fan	Model		3D12K1AA1	4D12K1AA1	3D12K2AA1
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	62×1	62×1	130×1
	Airflow rate (H/L)	m³/min	12/10	17.5/14	25/19.5
		l/s	200/166	291/233	416/325
		cfm	424/353	618/494	883/688
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass wool	Glass wool	Glass wool
Air filter			Resin net (with mold resistant)	Resin net (with mold resistant)	Resin net (with mold resistant)
Piping Connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)	VP20 (External dia. 26 Internal dia. 20)
Mass		kg	24	28	33
★3 Sound pressure level (H/L)		dB(A)	36/31	39/34	45/37
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Drain hose. Paper pattern for installation. Clamp metal. Insulation for fitting. Clamps. Washers.	Operation manual. Installation manual. Drain hose. Paper pattern for installation. Clamp metal. Insulation for fitting. Clamps. Washers.	Operation manual. Installation manual. Drain hose. Paper pattern for installation. Clamp metal. Insulation for fitting. Clamps. Washers.
Drawing No.			C: 3D038815A		

Notes:

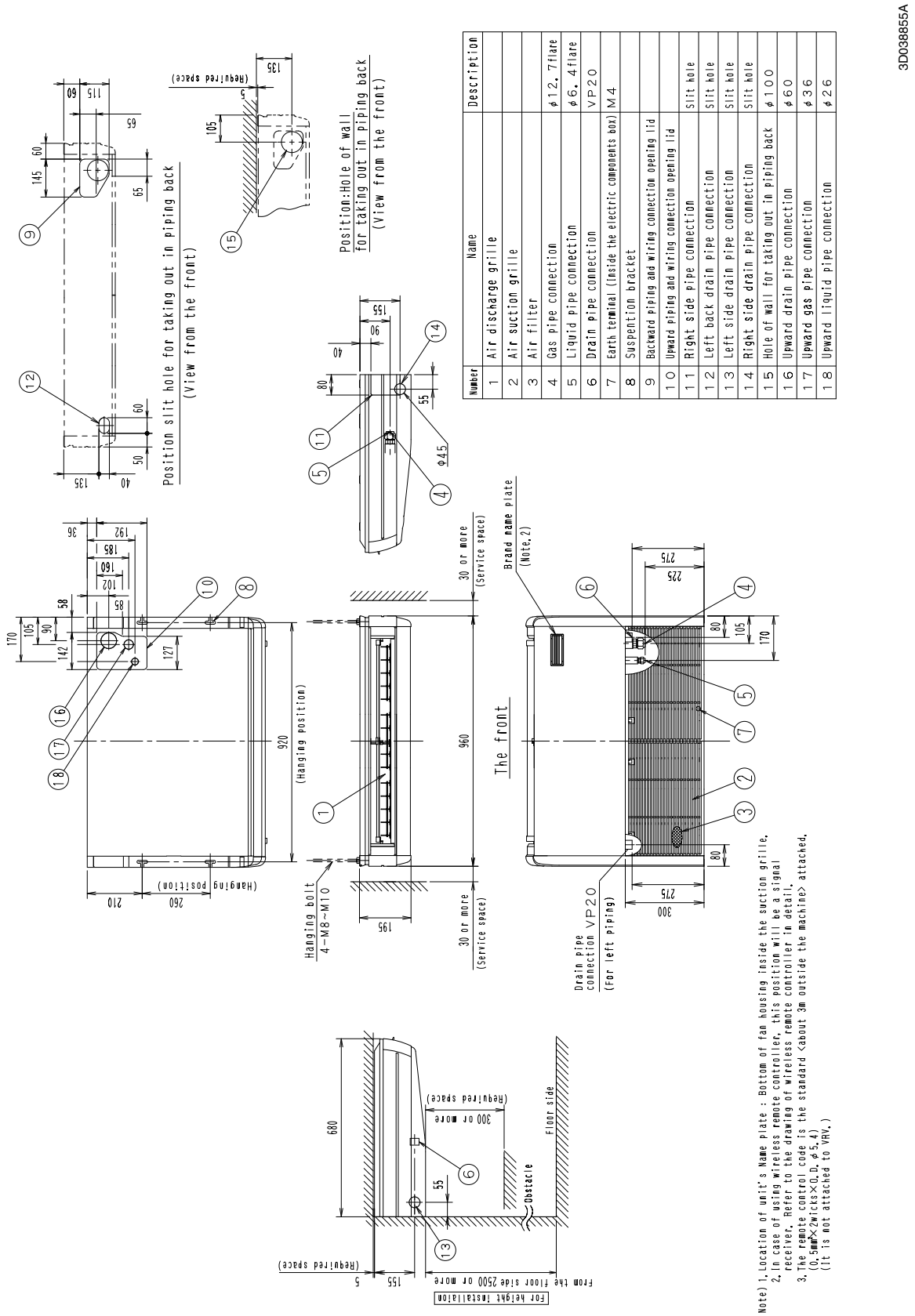
★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

FXHQ32MAVE

Unit (mm)



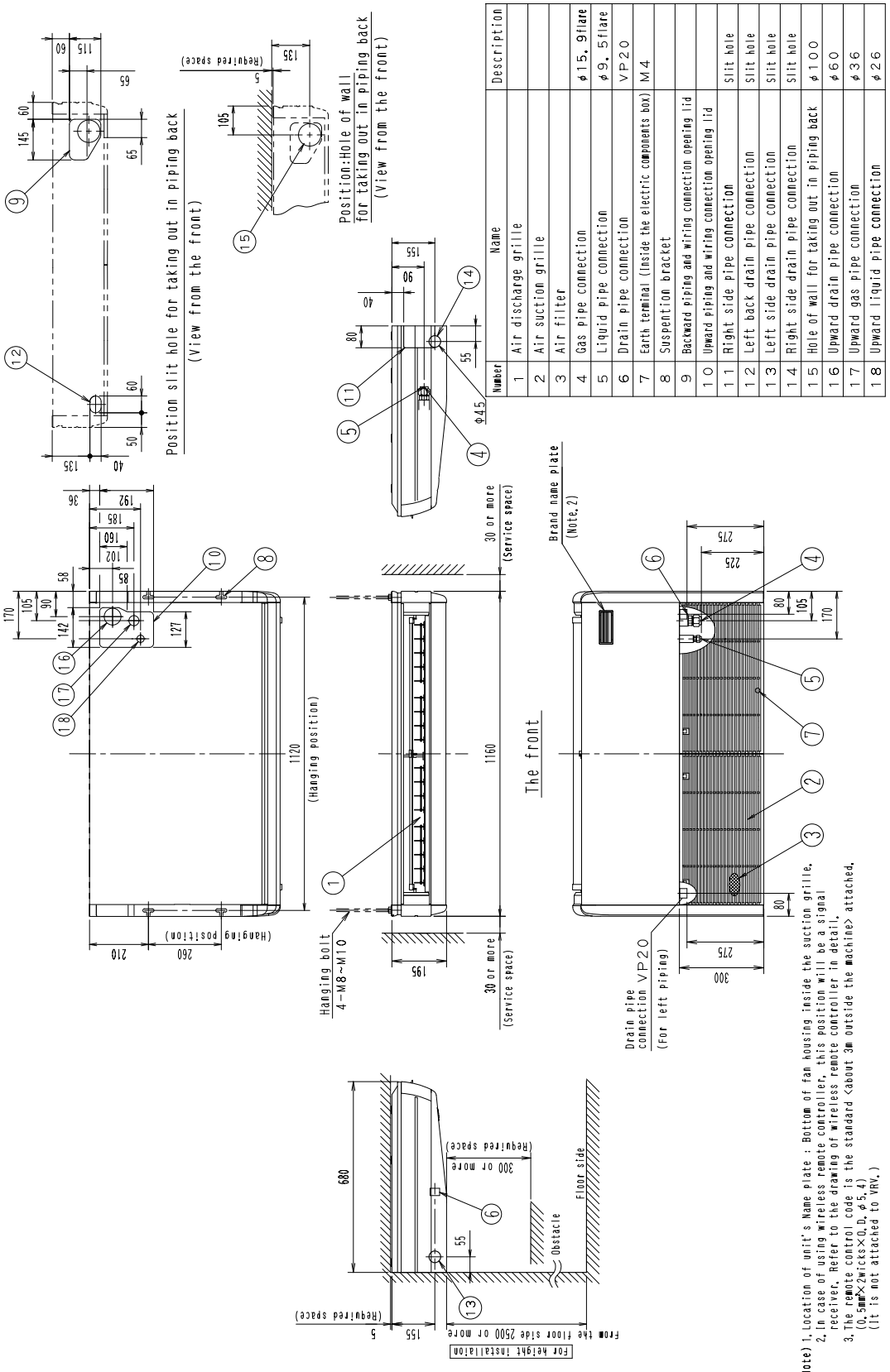
Number	Name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	φ12.7flare
5	Liquid pipe connection	φ6.4flare
6	Drain pipe connection	VP20
7	Earth terminal (inside the electric components box)	M4
8	Suspention bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connection opening lid	
11	Right side pipe connection	Slit hole
12	Left back drain pipe connection	Slit hole
13	Left side drain pipe connection	Slit hole
14	Right side drain pipe connection	Slit hole
15	Hole of wall for taking out in piping back	φ100
16	Upward drain pipe connection	φ60
17	Upward gas pipe connection	φ36
18	Upward liquid pipe connection	φ26

Note) 1. Location of unit's Name plate : Bottom of fan housing inside the suction grille.
2. In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.
3. The remote control code is the standard <about 3m outside the machine> attached. (0.5mm×2wicks×D, φ5.4)
(It is not attached to VRV.)

FXHQ63MAVE

Unit (mm)

3D038856A

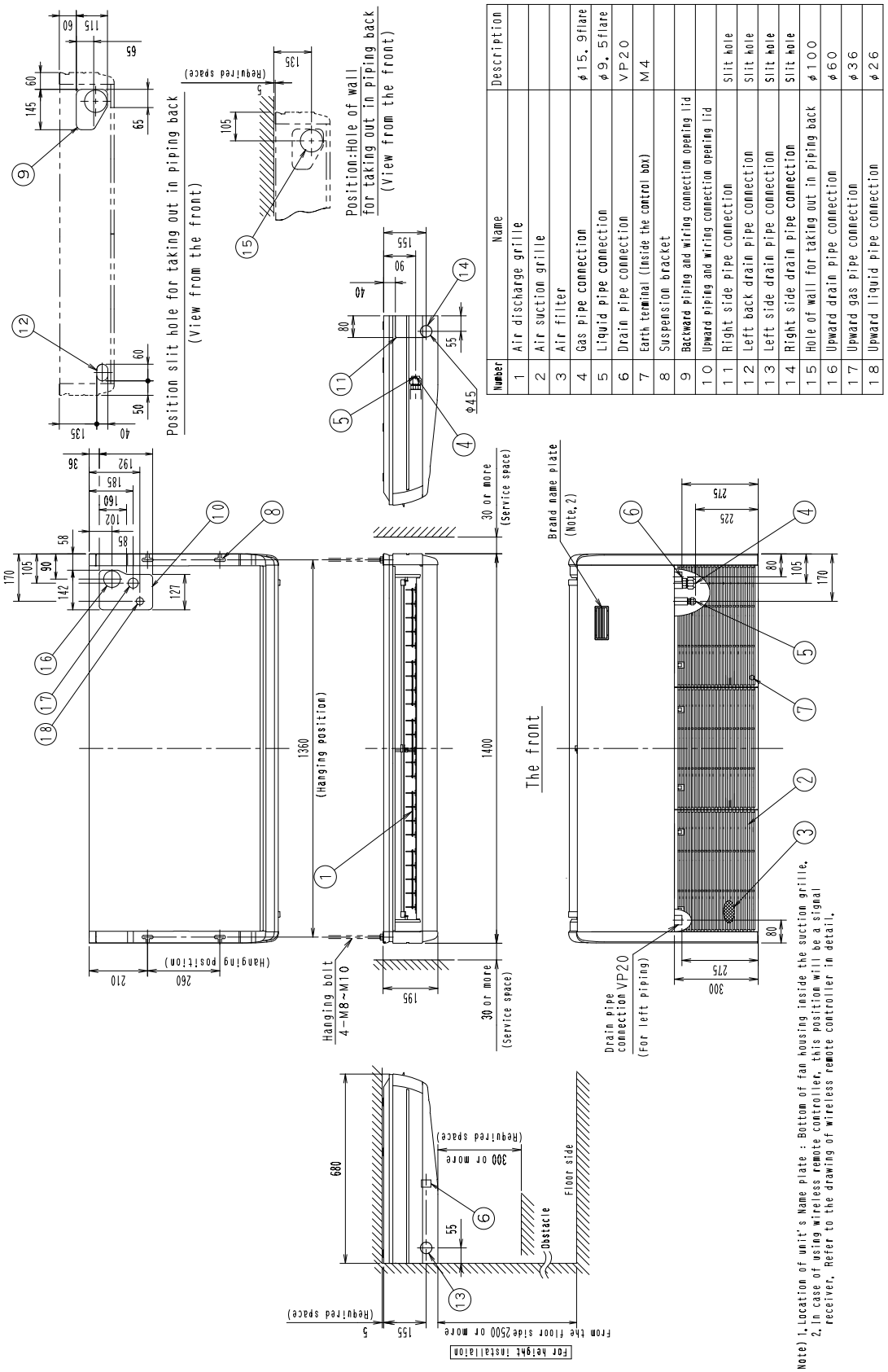


Number	Name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	φ15.9flare
5	Liquid pipe connection	φ9.5flare
6	Drain pipe connection	VP20
7	Earth terminal (Inside the electric components box)	M4
8	Suspention bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connection opening lid	
11	Right side pipe connection	Slit hole
12	Left back drain pipe connection	Slit hole
13	Left side drain pipe connection	Slit hole
14	Right side drain pipe connection	Slit hole
15	Hole of wall for taking out in piping back	φ100
16	Upward drain pipe connection	φ60
17	Upward gas pipe connection	φ36
18	Upward liquid pipe connection	φ26

FXHQ100MAVE

Unit (mm)

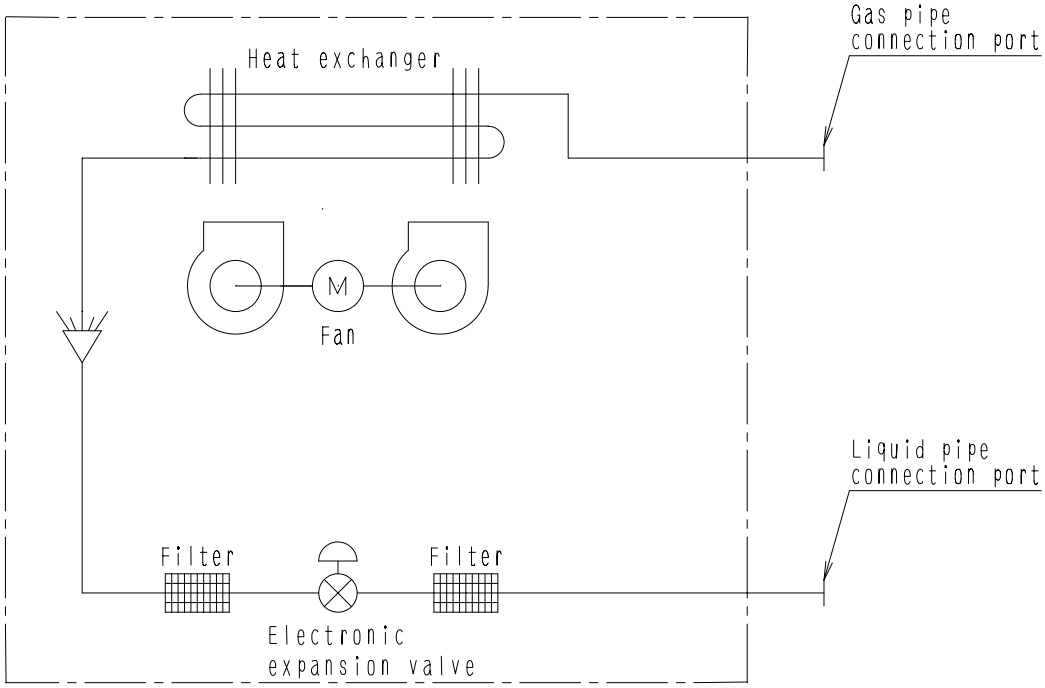
3D038857C



Number	Name	Description
1	Air discharge grille	
2	Air suction grille	
3	Air filter	
4	Gas pipe connection	φ15.9flare
5	Liquid pipe connection	φ9.5flare
6	Drain pipe connection	VP20
7	Earth terminal (Inside the control box)	M4
8	Suspension bracket	
9	Backward piping and wiring connection opening lid	
10	Upward piping and wiring connection opening lid	
11	Right side pipe connection	Slit hole
12	Left back drain pipe connection	Slit hole
13	Left side drain pipe connection	Slit hole
14	Right side drain pipe connection	Slit hole
15	Hole of wall for taking out in piping back	φ100
16	Upward drain pipe connection	φ60
17	Upward gas pipe connection	φ36
18	Upward liquid pipe connection	φ26

11

3. Piping Diagrams



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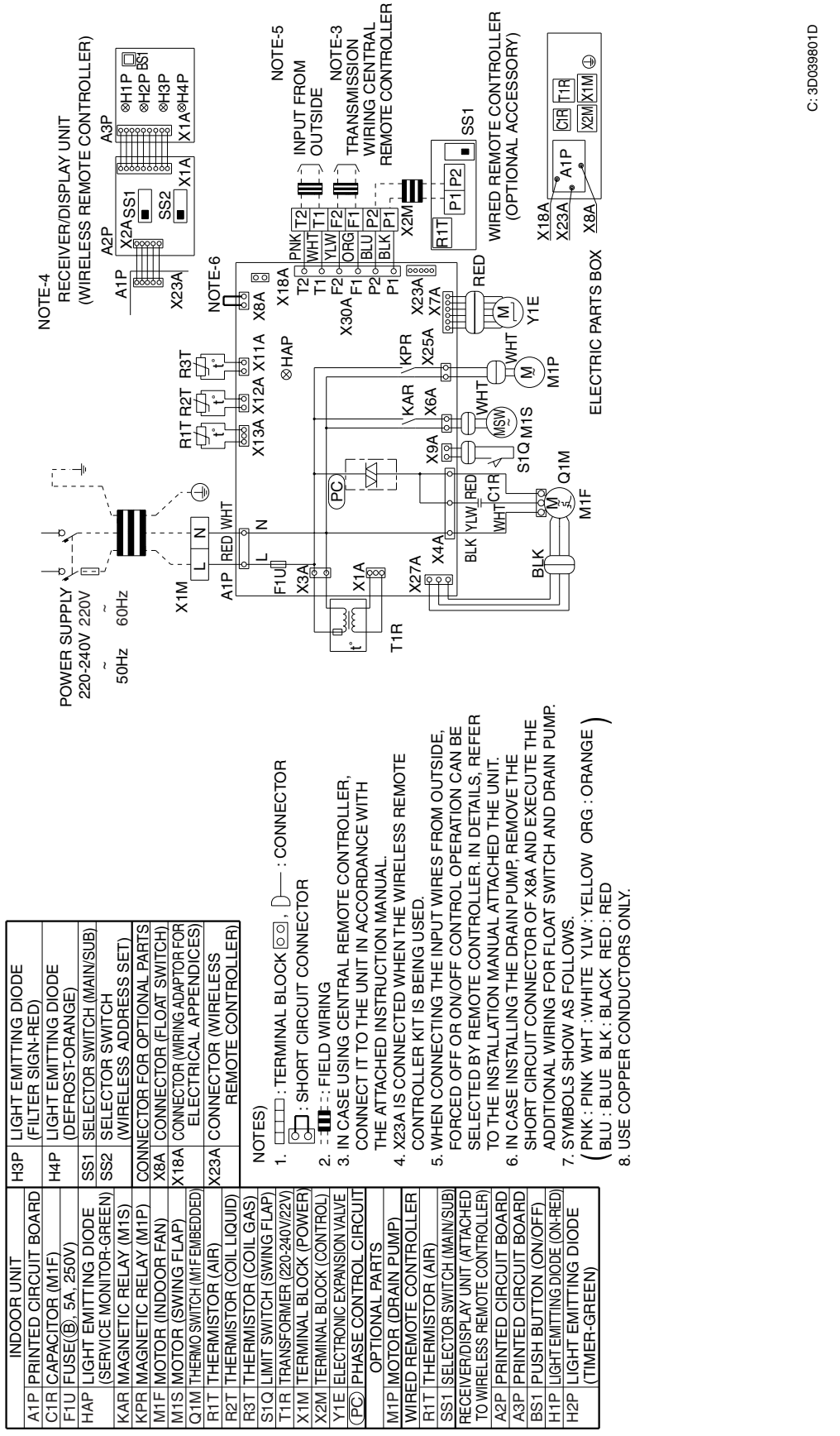
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXHQ32MAVE	ϕ12.7	ϕ6.4
FXHQ63MAVE / FXHQ100MAVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXHQ32MAVE / FXHQ63MAVE / FXHQ100MAVE



5. Electric Characteristics

FXHQ32MAVE / FXHQ63MAVE / FXHQ100MAVE

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXHQ32MAVE	50	220-240	MAX. 264 Min. 198	0.8	15	0.062	0.6	111	111
FXHQ63MAVE				0.8	15	0.062	0.6	115	115
FXHQ100MAVE				0.9	15	0.130	0.7	135	135
FXHQ32MAVE	60	220	MAX. 242 Min. 198	0.9	15	0.062	0.7	142	142
FXHQ63MAVE				0.9	15	0.062	0.7	145	145
FXHQ100MAVE				1.3	15	0.130	1.0	199	199

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min.15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Printed circuit board fuse		250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–
Fan motor thermal protector	°C	OFF: 130±5 ON : 80±20	OFF: 130±5 ON : 80±20	OFF: 130±5 ON : 80±20

C: 3D034597J

7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXHQ-MA	32	2.4	2.3	2.9	2.6	3.4	2.8	3.6	2.9	3.6	2.6	3.7	2.7	3.8	2.6
	63	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.2	7.2	5.1	7.4	4.9	7.5	4.6
	100	7.6	6.2	9.0	6.9	10.5	7.8	11.2	8.0	11.3	7.8	11.6	7.4	11.9	7.2

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

7.2 Correction Factor for Te: 9°C

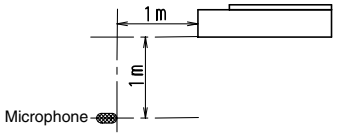
When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXHQ32MAVE	TC	0.707	0.692	0.745	0.768	0.788	0.819	0.844
	SHF	1.098	1.181	1.127	1.102	1.082	1.055	1.042
FXHQ63MAVE	TC	0.695	0.702	0.749	0.772	0.791	0.821	0.844
	SHF	1.120	1.169	1.122	1.098	1.079	1.058	1.060
FXHQ100MAVE	TC	0.690	0.697	0.757	0.779	0.798	0.829	0.856
	SHF	1.123	1.169	1.114	1.091	1.073	1.055	1.057

8. Sound Levels

Overall

Location of microphone (for sound pressure level)



Notes:
1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

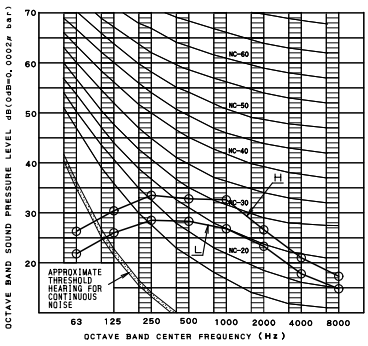
dB(A)

Model	Sound pressure level	
	220-240/220V, 50/60Hz	
	H	L
FXHQ32MAVE	36	31
FXHQ63MAVE	39	34
FXHQ100MAVE	45	37

Octave Band Level

○——○ 220-240/220V, 50/60Hz

FXHQ32MAVE



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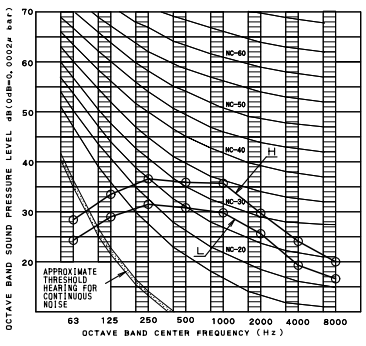
FXHQ63MAVE



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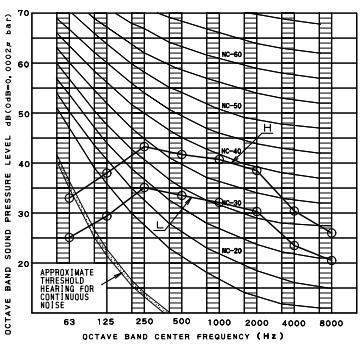
FXHQ100MAVE



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9. Accessories

9.1 Optional Accessories (for Unit)

Item	Model		
	FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Drain pump kit	KDU50N60VE	KDU50N125VE	
Replacement long-life filter (Resin net)	KAF501DA56	KAF501DA80	KAF501DA112
L-type piping kit (for upward direction)	KHFP5MA63	KHFP5MA160	

4D040446C

9.2 Optional Accessories (for Controls)

Refer to page 728.

FXAQ-P
Wall Mounted Type

1. Specifications 214
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1. Specifications

Wall mounted type

Model			FXAQ20PVE	FXAQ25PVE	FXAQ32PVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	1,900	2,400	3,100
		Btu/h	7,500	9,600	12,300
		kW	2.2	2.8	3.6
Casing colour			White (3.0Y8.5/0.5)	White (3.0Y8.5/0.5)	White (3.0Y8.5/0.5)
Dimensions: (H×W×D)		mm	290×795×238	290×795×238	290×795×238
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×14×1.4	2×14×1.4	2×14×1.4
	Face area	m²	0.161	0.161	0.161
Fan	Model		QCL9661M	QCL9661M	QCL9661M
	Type		Cross flow fan	Cross flow fan	Cross flow fan
	Motor output × Number of units	W	40×1	40×1	40×1
	Airflow rate (H/L)	m³/min	7.5/4.5	8/5	8.5/5.5
		l/s	125/75	133/83	142/91
		cfm	265/159	282/177	300/194
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene
Air filter			Resin net (Washable)	Resin net (Washable)	Resin net (Washable)
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	VP13 (External dia. 18 Internal dia. 13)	VP13 (External dia. 18 Internal dia. 13)	VP13 (External dia. 18 Internal dia. 13)
Mass		kg	11	11	11
★3 Sound pressure level (H/L)		dB(A)	35/31	36/31	38/31
Safety devices			Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.	Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.	Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.
Drawing No.			C: 3D077064A		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Wall mounted type

Model			FXAQ40PVE	FXAQ50PVE	FXAQ63PVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	3,900	4,800	6,100
		Btu/h	15,400	19,100	24,200
		kW	4.5	5.6	7.1
Casing colour			White (3.0Y8.5/0.5)	White (3.0Y8.5/0.5)	White (3.0Y8.5/0.5)
Dimensions: (H×W×D)		mm	290×1,050×238	290×1,050×238	290×1,050×238
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	2×14×1.4	2×14×1.4	2×14×1.4
	Face area	m²	0.213	0.213	0.213
Fan	Model		QCL9686M	QCL9686M	QCL9686M
	Type		Cross flow fan	Cross flow fan	Cross flow fan
	Motor output × Number of units	W	43×1	43×1	43×1
	Airflow rate (H/L)	m³/min	12/9	15/12	19/14
		l/s	200/150	250/200	316/233
		cfm	424/318	530/424	671/494
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene	Foamed polystyrene / Foamed polyethylene
Air filter			Resin net (Washable)	Resin net (Washable)	Resin net (Washable)
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	VP13 (External dia. 18 Internal dia. 13)	VP13 (External dia. 18 Internal dia. 13)	VP13 (External dia. 18 Internal dia. 13)
Mass		kg	14	14	14
★3 Sound pressure level (H/L)		dB(A)	39/34	42/37	47/41
Safety devices			Fuse	Fuse	Fuse
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.	Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.	Operation manual. Installation manual. Installation panel. Paper pattern for installation. Insulation tape. Clamps. Screws.
Drawing No.			C: 3D077064A		

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Notes:

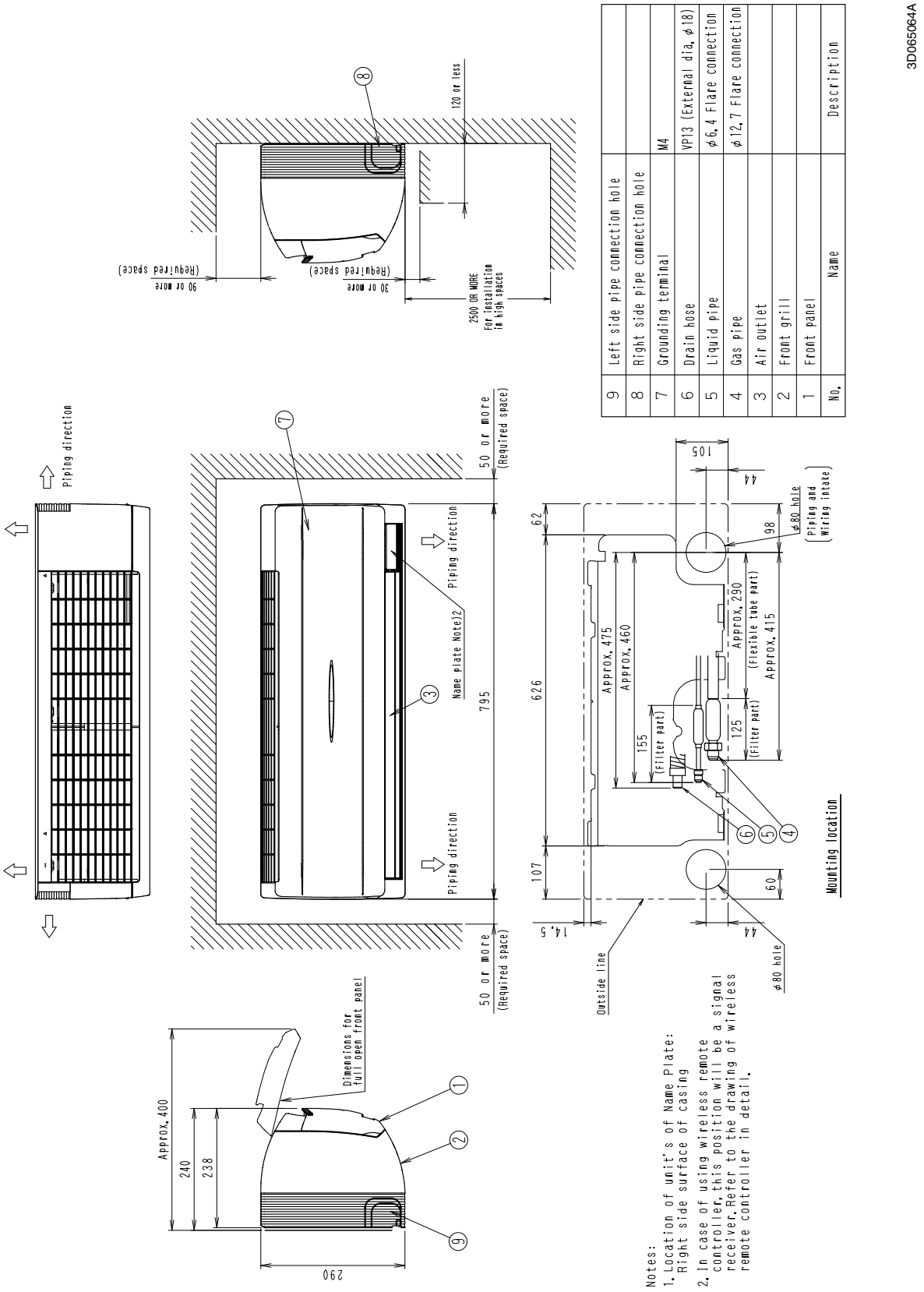
★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

FXAQ20PVE / FXAQ25PVE / FXAQ32PVE

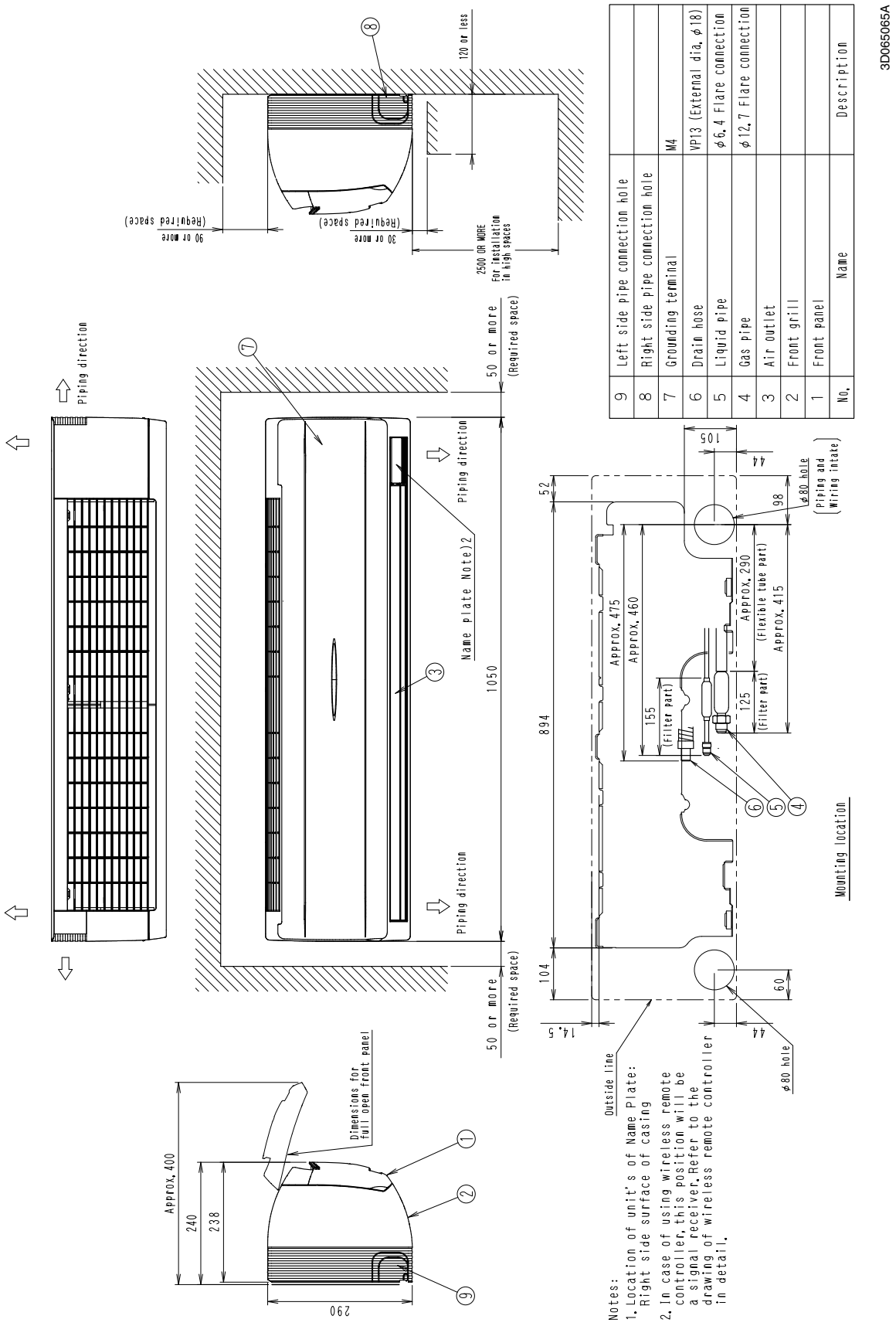
Unit (mm)



No.	Name	Description
9	Left side pipe connection hole	
8	Right side pipe connection hole	
7	Grounding terminal	M4
6	Drain hose	VP13 (External dia. ϕ18)
5	Liquid pipe	ϕ6.4 Flare connection
4	Gas pipe	ϕ12.7 Flare connection
3	Air outlet	
2	Front grill	
1	Front panel	

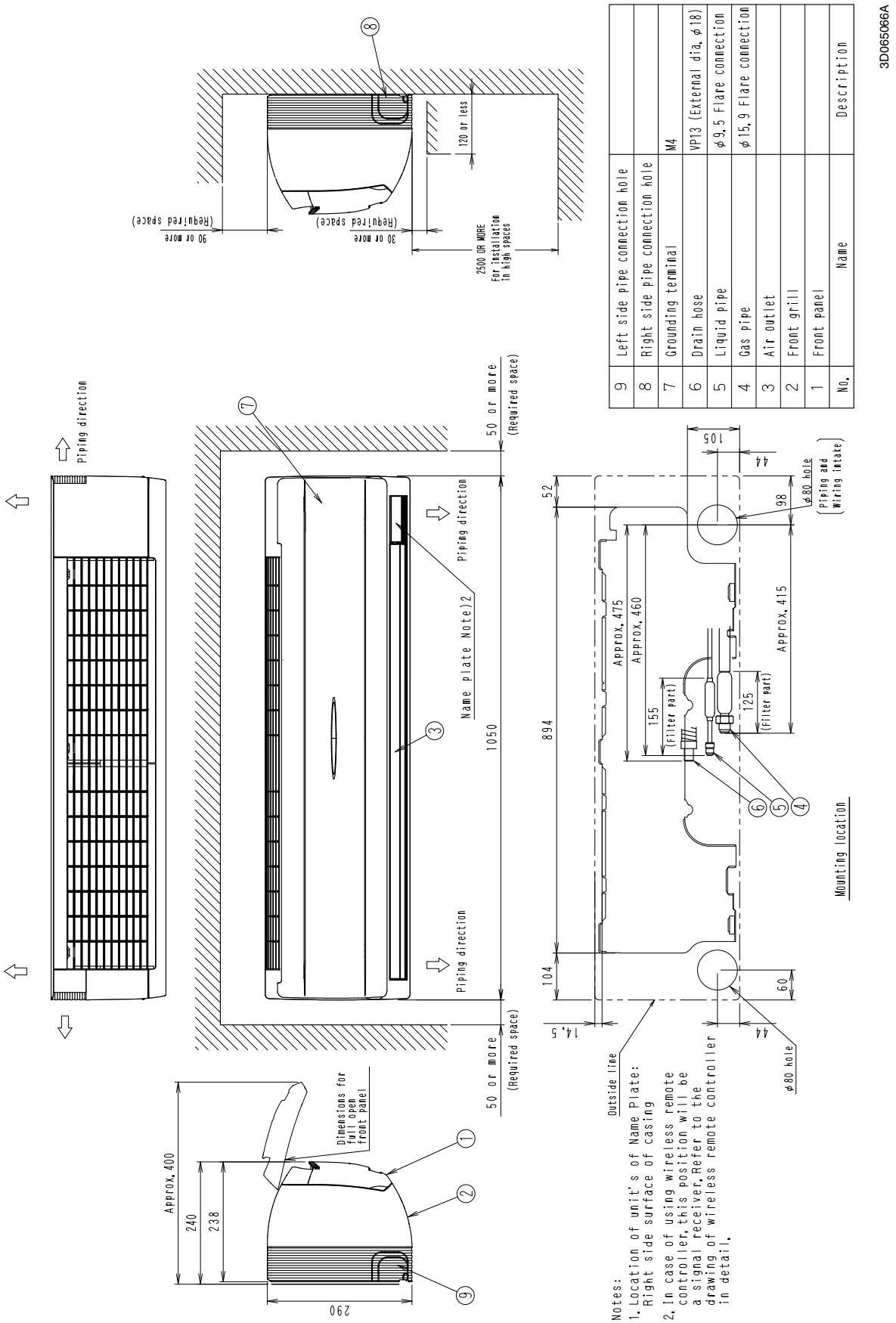
FXAQ40PVE / FXAQ50PVE

Unit (mm)

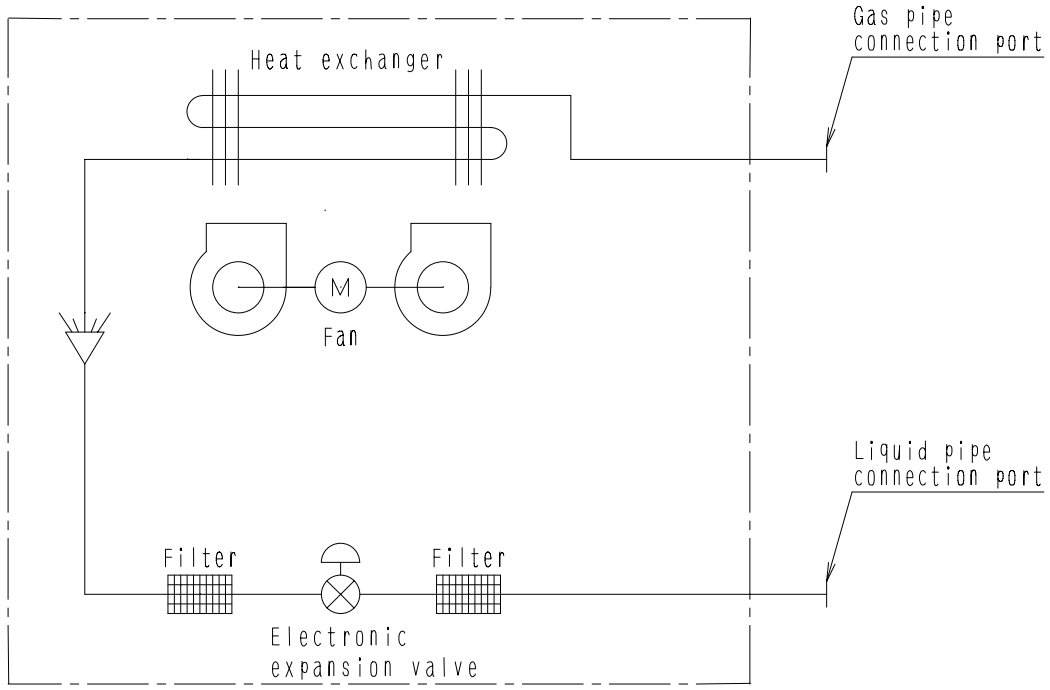


FXAQ63PVE

Unit (mm)



3. Piping Diagrams



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■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXAQ20PVE / FXAQ25PVE / FXAQ32PVE / FXAQ40PVE / FXAQ50PVE	ϕ12.7	ϕ6.4
FXAQ63PVE	ϕ15.9	ϕ9.5

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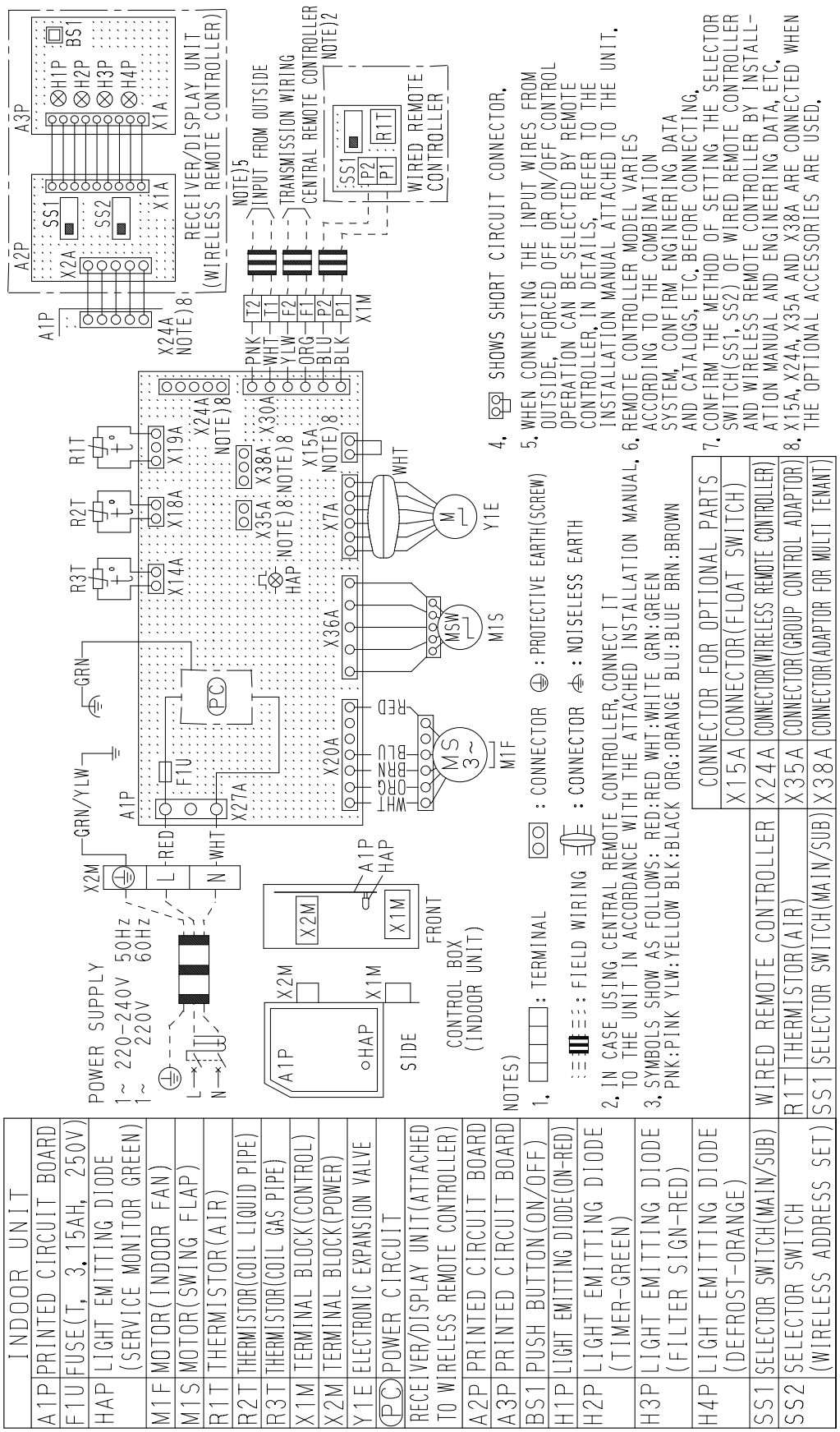
4. Wiring Diagrams

FXAQ20PVE / FXAQ25PVE / FXAQ32PVE / FXAQ40PVE / FXAQ50PVE / FXAQ63PVE



5. Electric Characteristics

FXAQ20PVE / FXAQ25PVE / FXAQ32PVE / FXAQ40PVE / FXAQ50PVE / FXAQ63PVE

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling	Heating
FXAQ20PVE	50	220-240	MAX. 264 Min. 198	0.3	15	0.040	0.2	19	29
FXAQ25PVE				0.4	15	0.040	0.3	28	34
FXAQ32PVE				0.4	15	0.040	0.3	30	35
FXAQ40PVE				0.4	15	0.043	0.3	20	20
FXAQ50PVE				0.5	15	0.043	0.4	33	39
FXAQ63PVE				0.6	15	0.043	0.5	50	60
FXAQ20PVE	60	220	MAX. 242 Min. 198	0.3	15	0.040	0.2	19	29
FXAQ25PVE				0.4	15	0.040	0.3	28	34
FXAQ32PVE				0.4	15	0.040	0.3	30	35
FXAQ40PVE				0.4	15	0.043	0.3	20	20
FXAQ50PVE				0.5	15	0.043	0.4	33	39
FXAQ63PVE				0.6	15	0.043	0.5	50	60

Symbols:
- MCA : Min. Circuit Amps (A)
- MFA : Max. Fuse Amps (See note 5)
- kW : Fan Motor Rated Output(kW)
- FLA : Full Load Amps(A)
- IFM : Indoor Fan Motor

Note:
1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA = 1.25 X FLA
   MFA ≦ 4 X FLA
   (Next lower standard fuse rating. Min.15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use Circuit Breaker.

4D077066

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6. Safety Devices Setting

Model		FXAQ20PVE	FXAQ25PVE	FXAQ32PVE	FXAQ40PVE	FXAQ50PVE	FXAQ63PVE
Printed circuit board fuse		250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A
Fan motor thermal fuse	°C	–	–	–	–	–	–
Fan motor thermal protector	°C	–	–	–	–	–	–

C: 4D034906N

7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXAQ-P	20	1.5	1.5	1.8	1.7	2.1	1.9	2.2	1.9	2.2	1.8	2.3	1.8	2.3	1.8
	25	1.9	1.7	2.3	2.0	2.6	2.2	2.8	2.2	2.8	2.1	2.9	2.1	3.0	2.0
	32	2.4	2.0	2.9	2.3	3.4	2.6	3.6	2.6	3.6	2.5	3.7	2.5	3.8	2.4
	40	3.0	2.7	3.6	3.1	4.2	3.4	4.5	3.5	4.6	3.4	4.7	3.3	4.8	3.0
	50	3.8	3.2	4.5	3.7	5.2	4.1	5.6	4.2	5.7	4.2	5.8	4.0	5.9	3.6
	63	4.8	4.1	5.7	4.6	6.6	5.1	7.1	5.3	7.2	5.2	7.4	5.0	7.5	4.5

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

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7.2 Correction Factor for Te: 9°C

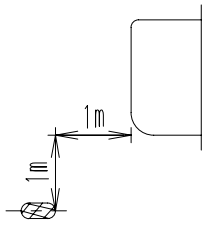
When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXAQ20PVE	TC	0.692	0.690	0.736	0.759	0.781	0.814	0.836
	SHF	1.122	1.195	1.143	1.115	1.092	1.061	1.046
FXAQ25PVE	TC	0.692	0.690	0.736	0.759	0.781	0.814	0.836
	SHF	1.122	1.195	1.143	1.115	1.092	1.061	1.046
FXAQ32PVE	TC	0.701	0.688	0.736	0.760	0.781	0.815	0.836
	SHF	1.106	1.194	1.141	1.113	1.091	1.059	1.049
FXAQ40PVE	TC	0.678	0.685	0.748	0.772	0.793	0.827	0.854
	SHF	1.143	1.191	1.127	1.101	1.081	1.057	1.037
FXAQ50PVE	TC	0.686	0.690	0.752	0.776	0.801	0.832	0.854
	SHF	1.120	1.181	1.121	1.096	1.076	1.054	1.052
FXAQ63PVE	TC	0.694	0.691	0.758	0.786	0.808	0.833	0.854
	SHF	1.103	1.180	1.118	1.093	1.074	1.055	1.050

8. Sound Levels

Overall

Location of microphone (for sound pressure level)



Microphone

Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

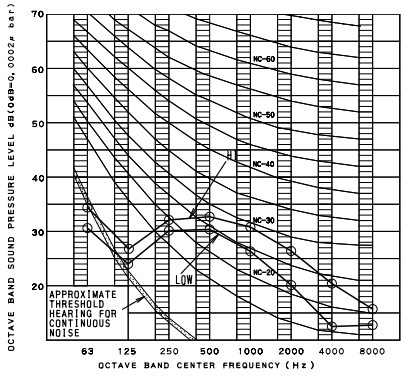
dB(A)

Model	Sound pressure level	
	220-240/220V, 50/60Hz	
	H	L
FXAQ20PVE	35	31
FXAQ25PVE	36	31
FXAQ32PVE	38	31
FXAQ40PVE	39	34
FXAQ50PVE	42	37
FXAQ63PVE	47	41

Octave Band Level

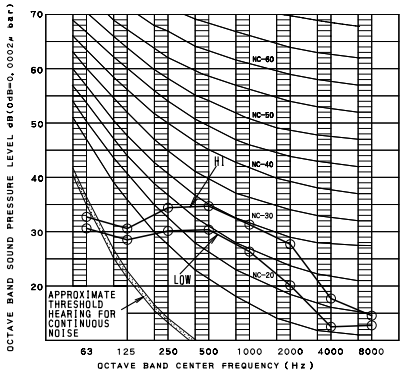
○——○ 220-240/220V, 50/60Hz

FXAQ20PVE



4D077090

FXAQ25PVE



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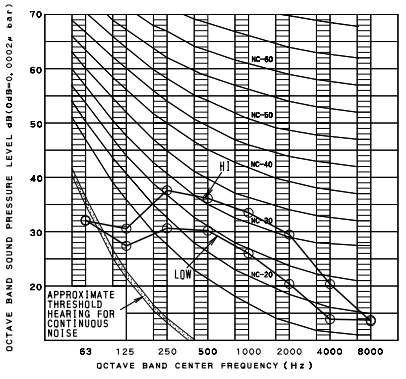
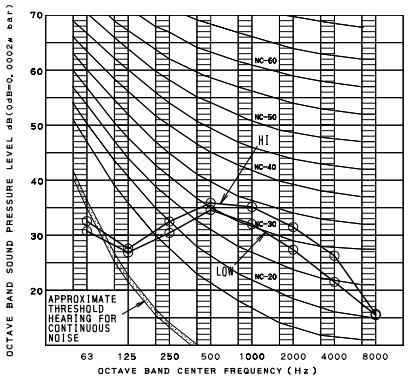
FXAQ32PVE



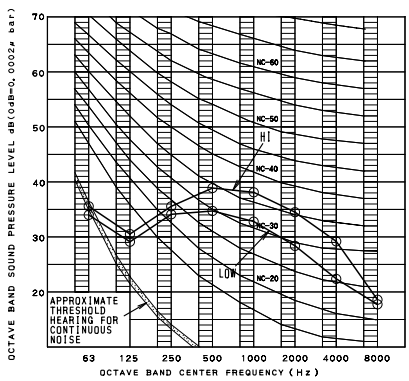
4D077092

FXAQ40PVE



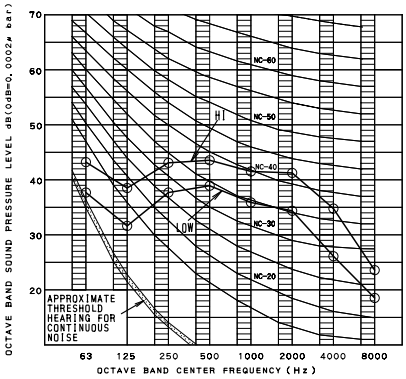
4D077093

FXAQ50PVE



4D077094

FXAQ63PVE



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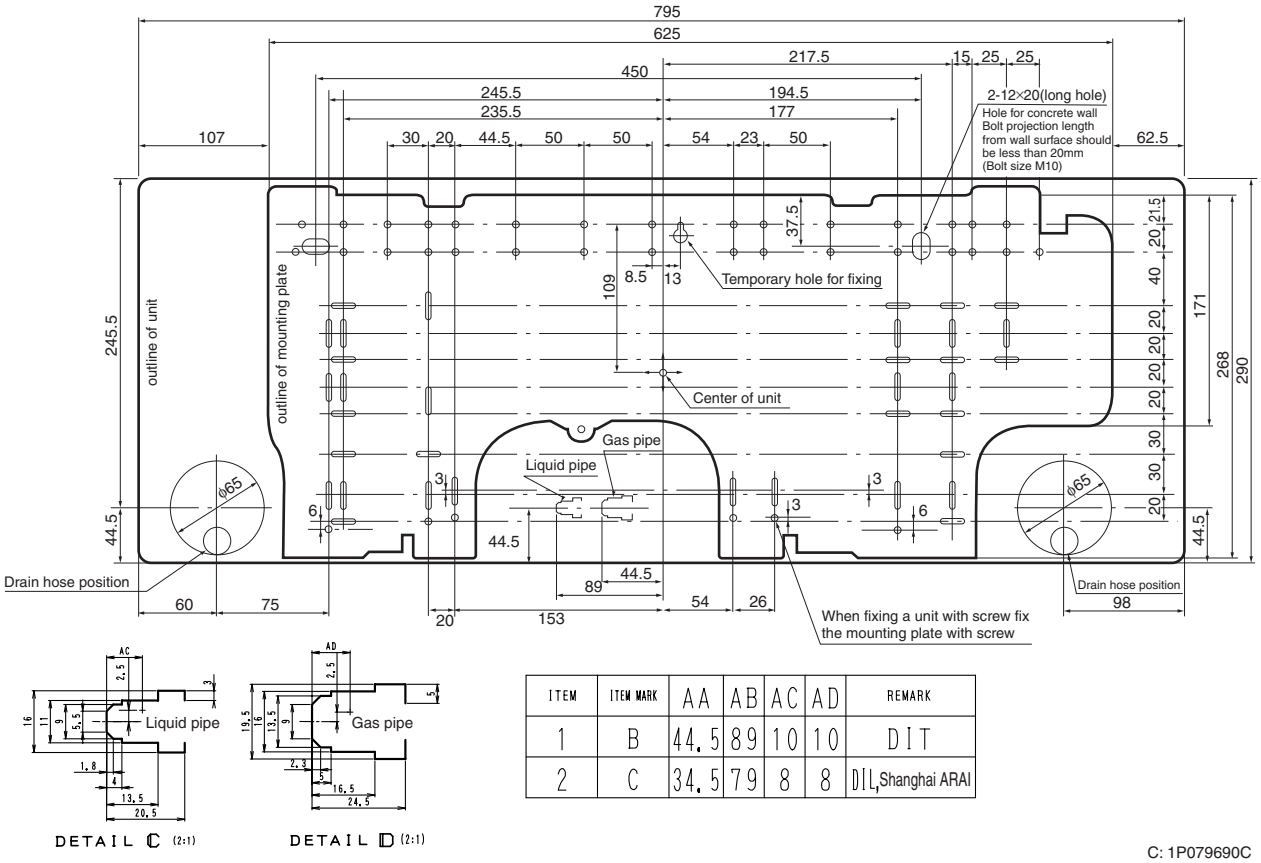
9. Recommended Mounting-plate Retention Spots and Dimensions

FXAQ20PVE / FXAQ25PVE / FXAQ32PVE

Unit (mm)

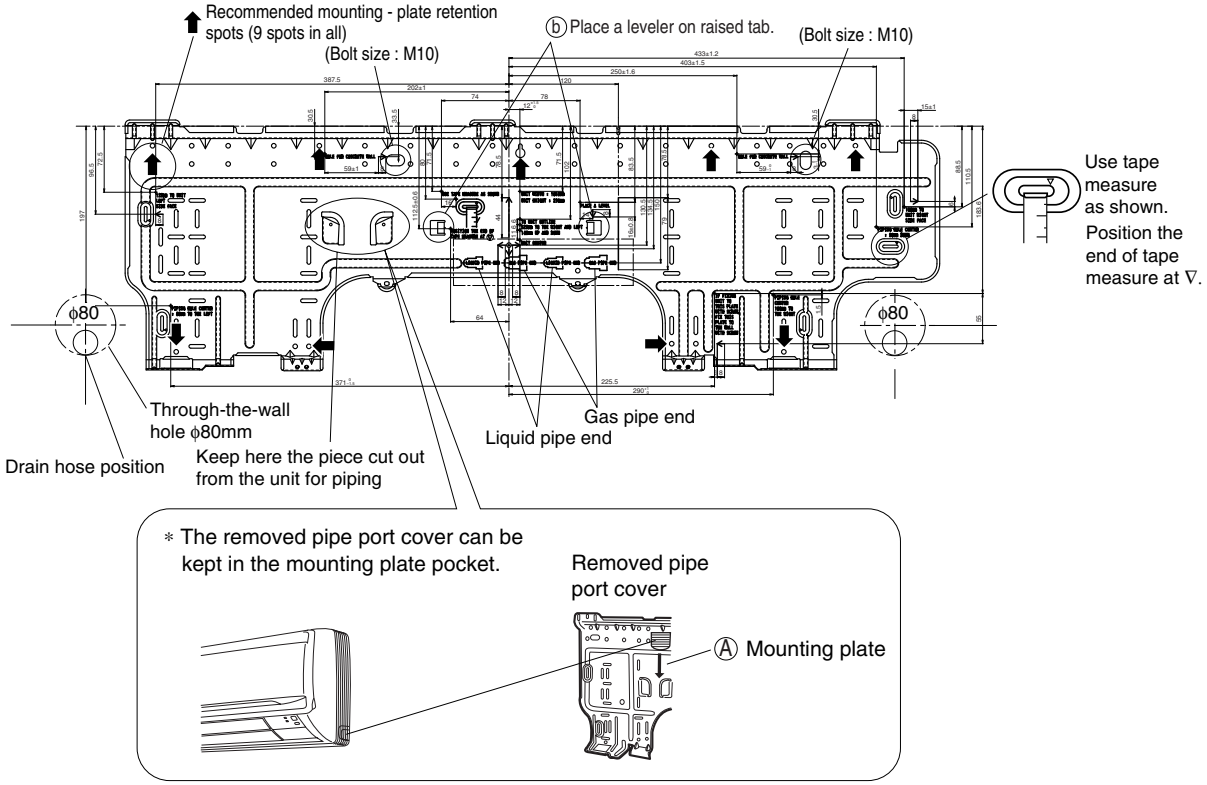


ITEM	ITEM MARK	AA	AB	AC	AD	REMARK
1	B	44.5	89	10	10	DIT
2	C	34.5	79	8	8	DIL,Shanghai ARAI

C: 1P079690C

FXAQ40PVE / FXAQ50PVE / FXAQ63PVE

Unit (mm)



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10. Accessories

10.1 Optional Accessories (for Unit)

Item	Model					
	FXAQ20PVE	FXAQ25PVE	FXAQ32PVE	FXAQ40PVE	FXAQ50PVE	FXAQ63PVE
Drain pump kit	K-KDU572EVE					

10.2 Optional Accessories (for Controls)

Refer to page 728.

FXLQ-MA / FXNQ-MA Floor Standing Type / Concealed Floor Standing Type

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   1.2 FXNQ-MA 232
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   2.1 FXLQ-MA 234
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   10.2 Optional Accessories (for Controls) 249

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1. Specifications

1.1 FXLQ-MA

Floor standing type

Model			FXLQ20MAVE	FXLQ25MAVE	FXLQ32MAVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	1,900	2,400	3,100
		Btu/h	7,500	9,600	12,300
		kW	2.2	2.8	3.6
Casing colour			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	600×1,000×222	600×1,000×222	600×1,140×222
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×14×1.5	3×14×1.5	3×14×1.5
	Face area	m²	0.159	0.159	0.200
Fan	Model		D14B20	D14B20	2D14B13
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	15×1	15×1	25×1
	Airflow rate (H/L)	m³/min	7/6	7/6	8/6
		l/s	116/100	116/100	133/100
		cfm	247/212	247/212	282/212
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass fiber/ Urethane foam	Glass fiber/ Urethane foam	Glass fiber/ Urethane foam
Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe	mm	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)
Mass		kg	25	25	30
★3 Sound pressure level (H/L)	220V, 50/60Hz	dB(A)	35/32	35/32	35/32
	240V, 50Hz	dB(A)	37/34	37/34	37/34
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.
Drawing No.			C: 3D038816A		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Floor standing type

Model			FXLQ40MAVE	FXLQ50MAVE	FXLQ63MAVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	3,900	4,800	6,100
		Btu/h	15,400	19,100	24,200
		kW	4.5	5.6	7.1
Casing colour			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	600×1,140×222	600×1,420×222	600×1,420×222
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×14×1.5	3×14×1.5	3×14×1.5
	Face area	m²	0.200	0.282	0.282
Fan	Model		2D14B13	2D14B20	2D14B20
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	25×1	35×1	35×1
	Airflow rate (H/L)	m³/min	11/8.5	14/11	16/12
		l/s	183/141	233/183	266/200
		cfm	388/300	494/388	565/424
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass fiber/ Urethane foam	Glass fiber/ Urethane foam	Glass fiber/ Urethane foam
Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
Piping connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)
Mass		kg	30	36	36
★3 Sound pressure level (H/L)	220V, 50/60Hz	dB(A)	38/33	39/34	40/35
	240V, 50Hz	dB(A)	40/35	41/36	42/37
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.
Drawing No.			C: 3D038816A		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

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1.2 FXNQ-MA

Concealed floor standing type

Model				FXNQ20MAVE	FXNQ25MAVE	FXNQ32MAVE
Power supply				1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity			kcal/h	1,900	2,400	3,100
			Btu/h	7,500	9,600	12,300
			kW	2.2	2.8	3.6
Casing colour				Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	610×930×220	610×930×220	610×1,070×220
Coil (Cross fin coil)	Rows×Stages×Fin pitch		mm	3×14×1.5	3×14×1.5	3×14×1.5
	Face area		m²	0.159	0.159	0.200
Fan	Model			D14B20	D14B20	2D14B13
	Type			Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units		W	15×1	15×1	25×1
	Airflow rate (H/L)		m³/min	7/6	7/6	8/6
			l/s	116/100	116/100	133/100
			cfm	247/212	247/212	282/212
	Drive			Direct drive	Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material				Glass fiber/ Urethane foam	Glass fiber/ Urethane foam	Glass fiber/ Urethane foam
Air filter				Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
Piping connections	Liquid pipes		mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)
	Gas pipes		mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)
	Drain pipe		mm	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)
Mass			kg	19	19	23
★3 Sound pressure level (H/L)		220V, 50/60Hz	dB(A)	35/32	35/32	35/32
		240V, 50Hz	dB(A)	37/34	37/34	37/34
Safety devices				Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control				Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.
Drawing No.				C: 3D038817A		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Concealed floor standing type

Model			FXNQ40MAVE	FXNQ50MAVE	FXNQ63MAVE
Power supply			1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz	1 phase, 220-240/220V, 50/60Hz
★1 ★2 Cooling capacity		kcal/h	3,900	4,800	6,100
		Btu/h	15,400	19,100	24,200
		kW	4.5	5.6	7.1
Casing colour			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)		mm	610×1,070×220	610×1,350×220	610×1,350×220
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×14×1.5	3×14×1.5	3×14×1.5
	Face area	m²	0.200	0.282	0.282
Fan	Model		2D14B13	2D14B20	2D14B20
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	25×1	35×1	35×1
	Airflow rate (H/L)	m³/min	11/8.5	14/11	16/12
		l/s	183/141	233/183	266/200
		cfm	388/300	494/388	565/424
	Drive		Direct drive	Direct drive	Direct drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Sound absorbing thermal insulation material			Glass fiber / Urethane foam	Glass fiber / Urethane foam	Glass fiber / Urethane foam
Air filter			Resin net (with mould resistance)	Resin net (with mould resistance)	Resin net (with mould resistance)
Piping Connections	Liquid pipes	mm	ϕ6.4 (Flare connection)	ϕ6.4 (Flare connection)	ϕ9.5 (Flare connection)
	Gas pipes	mm	ϕ12.7 (Flare connection)	ϕ12.7 (Flare connection)	ϕ15.9 (Flare connection)
	Drain pipe	mm	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)	ϕ21 O.D (Vinyl chloride)
Mass		kg	23	27	27
★3 Sound pressure level (H/L)	220V, 50/60Hz	dB(A)	38/33	39/34	40/35
	240V, 50Hz	dB(A)	40/35	41/36	42/37
Safety devices			Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.	Fuse. Thermal protector for fan motor.
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.	Operation manual. Installation manual. Insulation for fitting. Drain hose. Clamps. Screws. Washers. Level adjustment screw.
Drawing No.			C: 3D038817A		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

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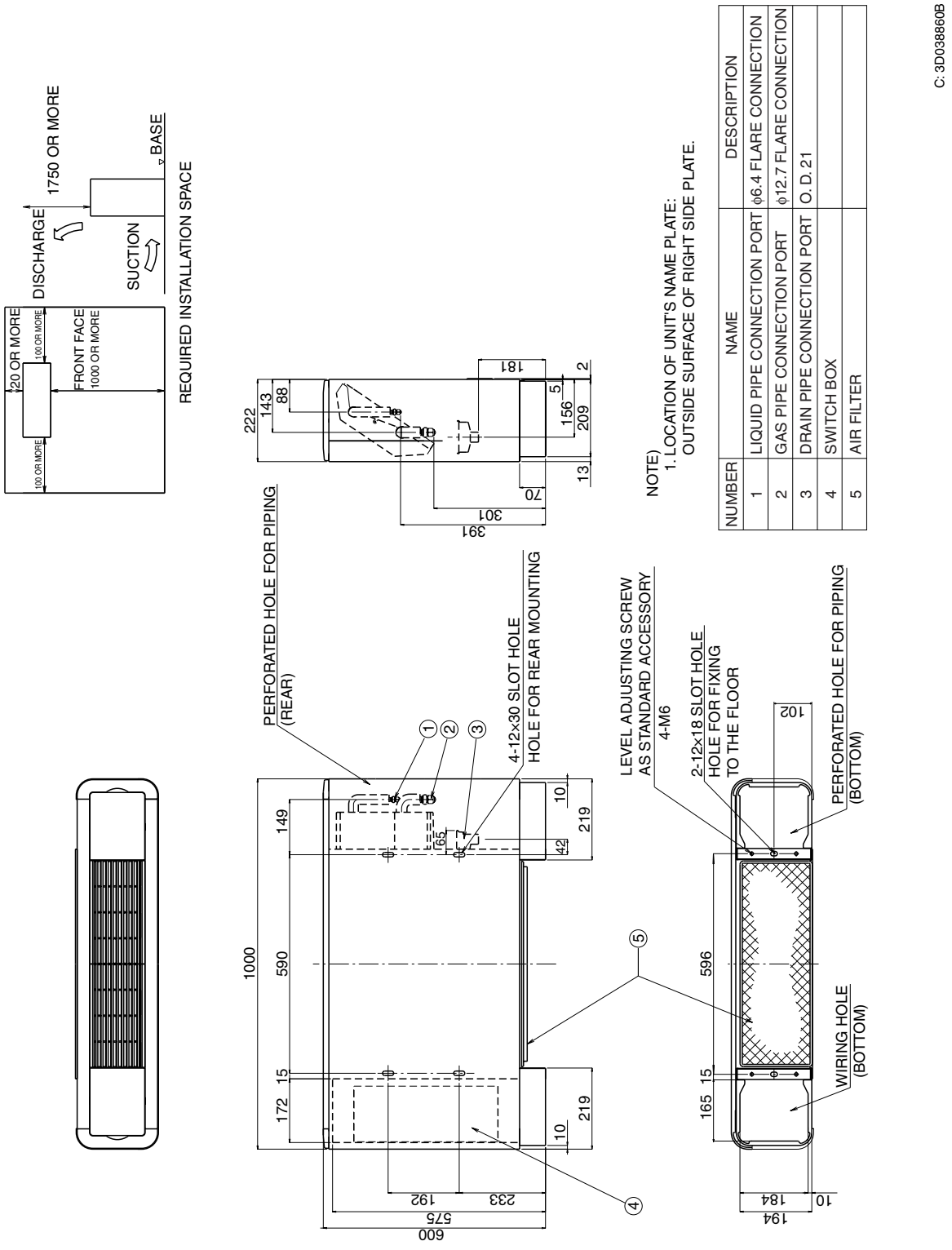
2. Dimensions

2.1 FXLQ-MA

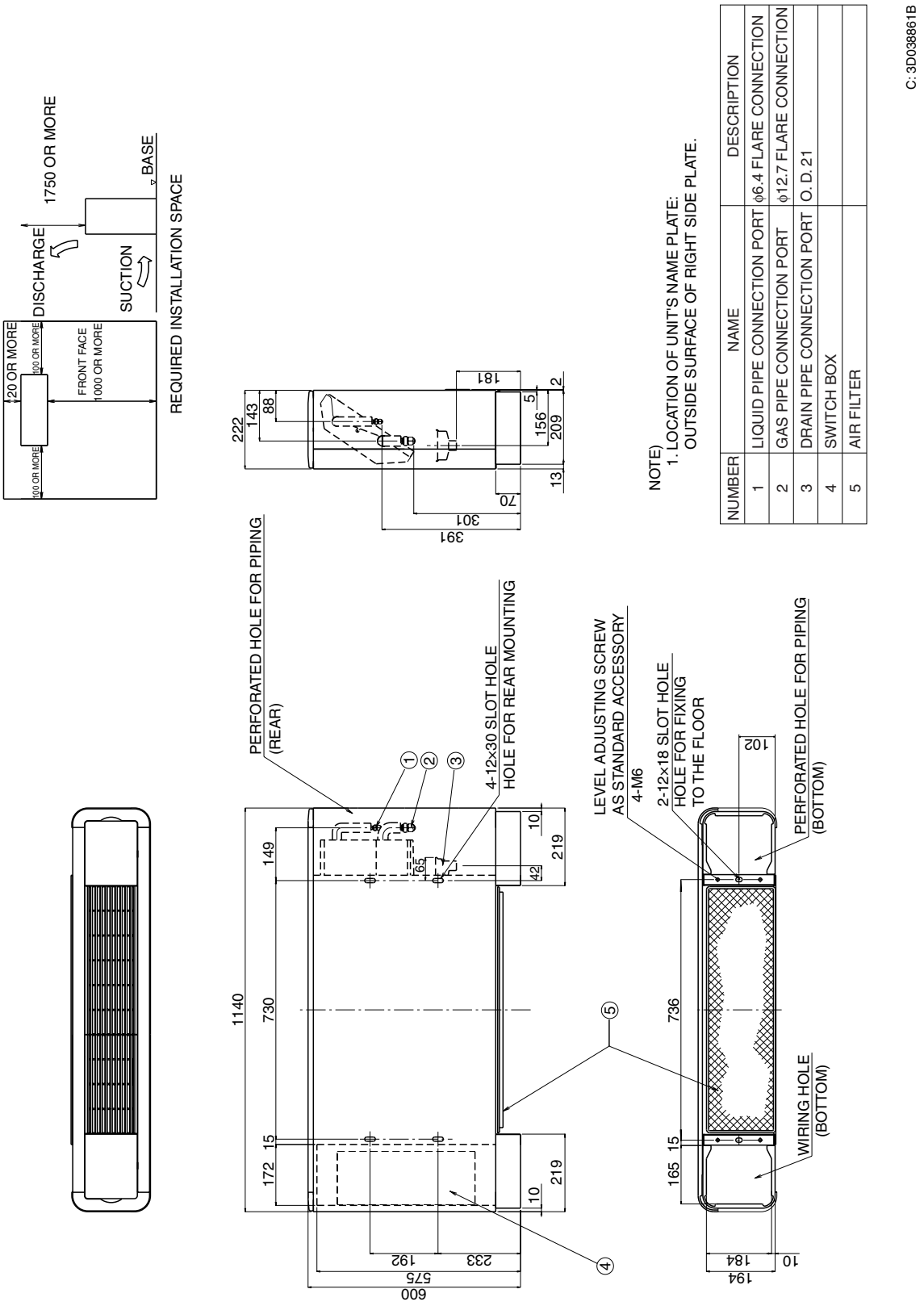
FXLQ20MAVE / FXLQ25MAVE

Unit (mm)



FXLQ32MAVE / FXLQ40MAVE

Unit (mm)



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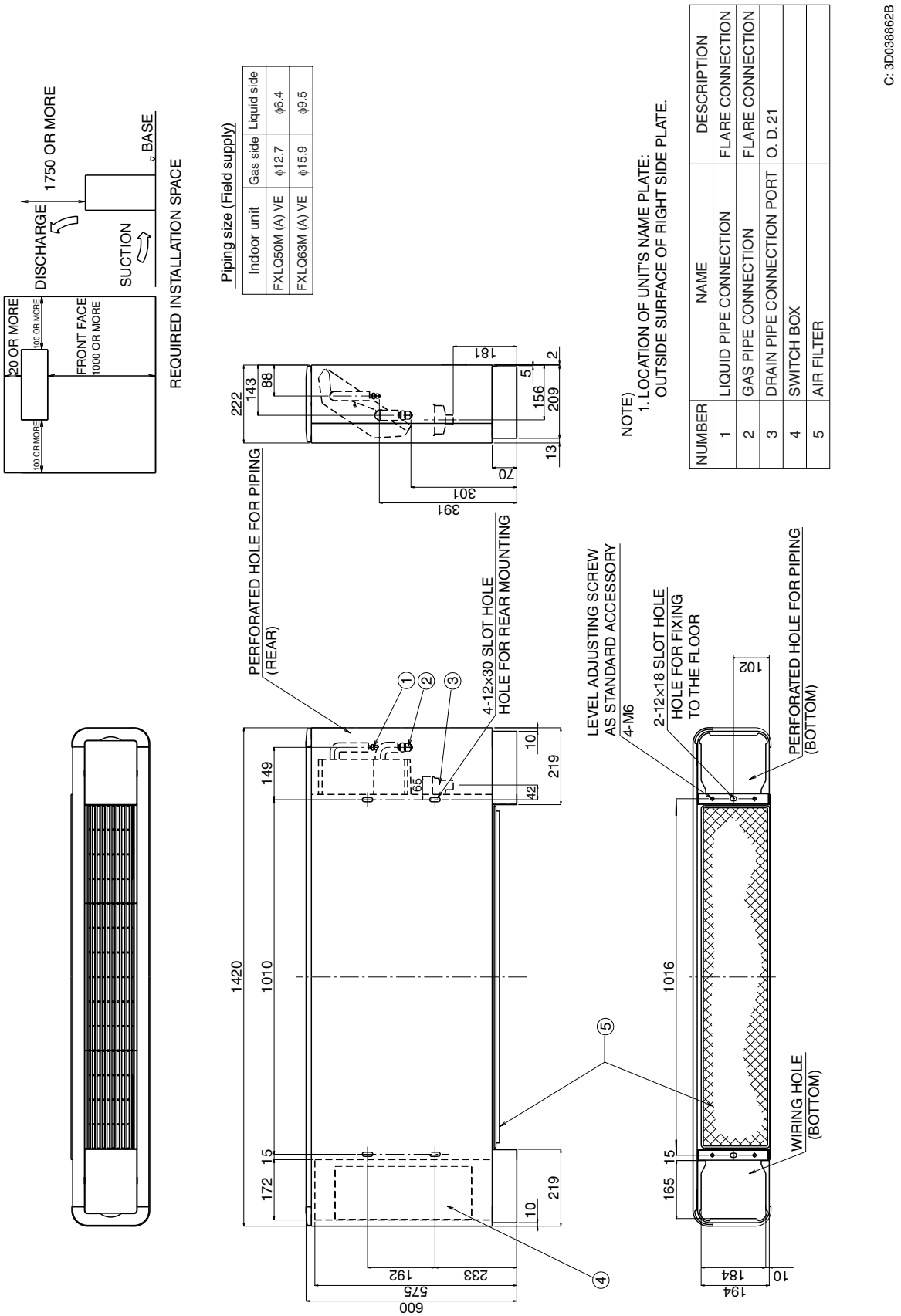
FXLQ50MAVE / FXLQ63MAVE

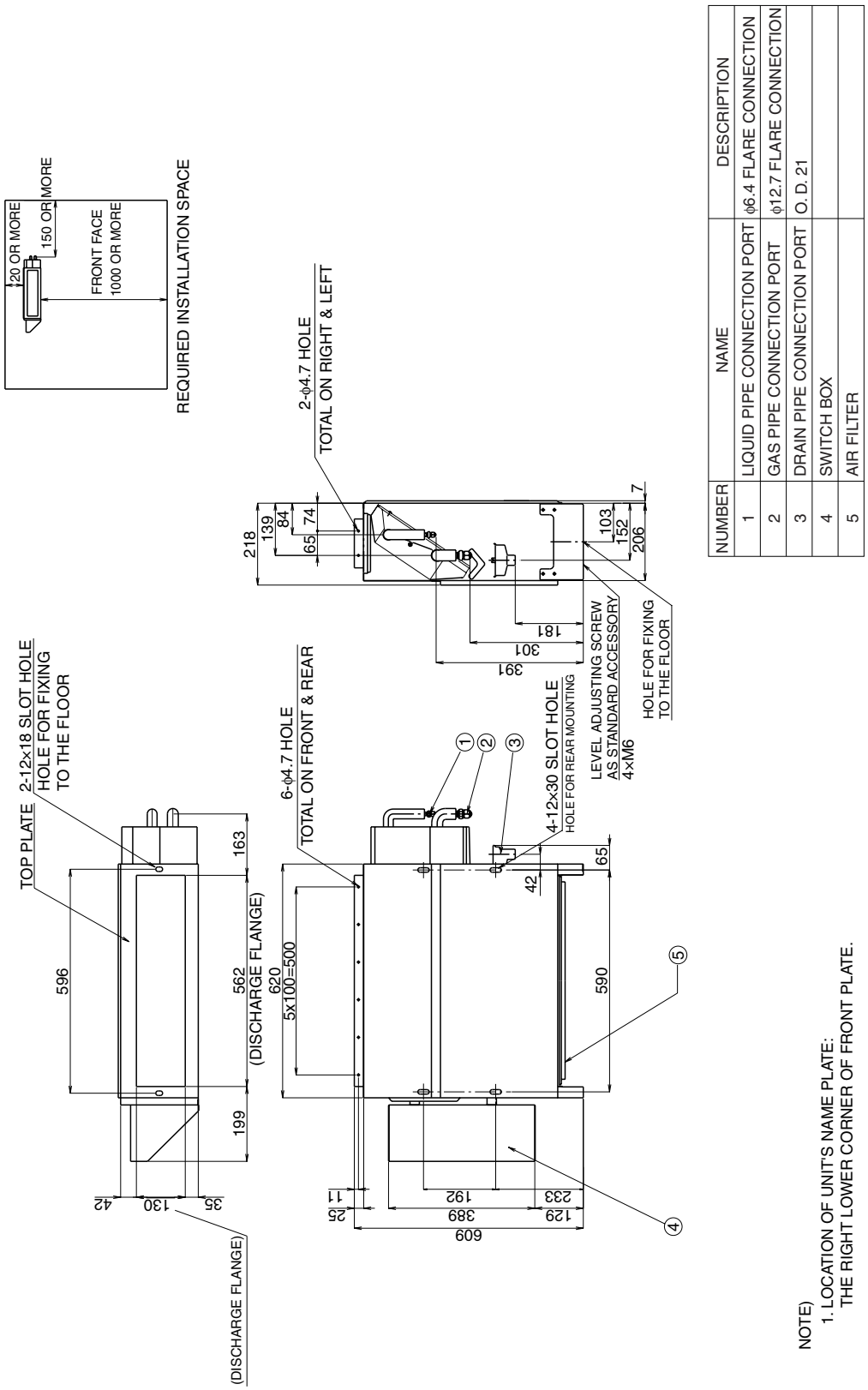
Unit (mm)



2.2 FXNQ-MA

FXNQ20MAVE / FXNQ25MAVE

Unit (mm)



NUMBER	NAME	DESCRIPTION
1	LIQUID PIPE CONNECTION PORT	φ6.4 FLARE CONNECTION
2	GAS PIPE CONNECTION PORT	φ12.7 FLARE CONNECTION
3	DRAIN PIPE CONNECTION PORT	O. D. 21
4	SWITCH BOX	
5	AIR FILTER	

NOTE)
1. LOCATION OF UNIT'S NAME PLATE:
THE RIGHT LOWER CORNER OF FRONT PLATE.

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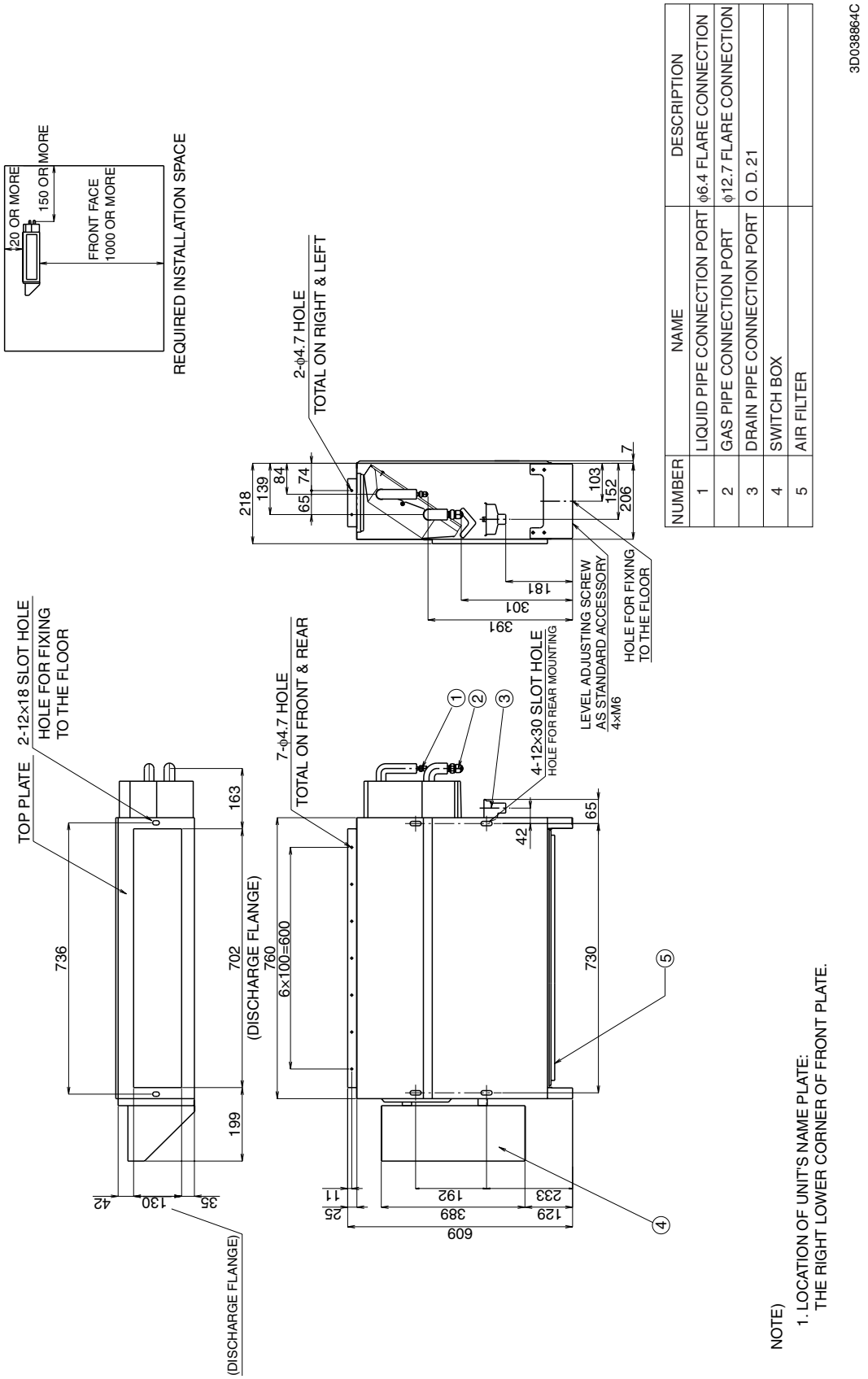
FXNQ32MAVE / FXNQ40MAVE

Unit (mm)

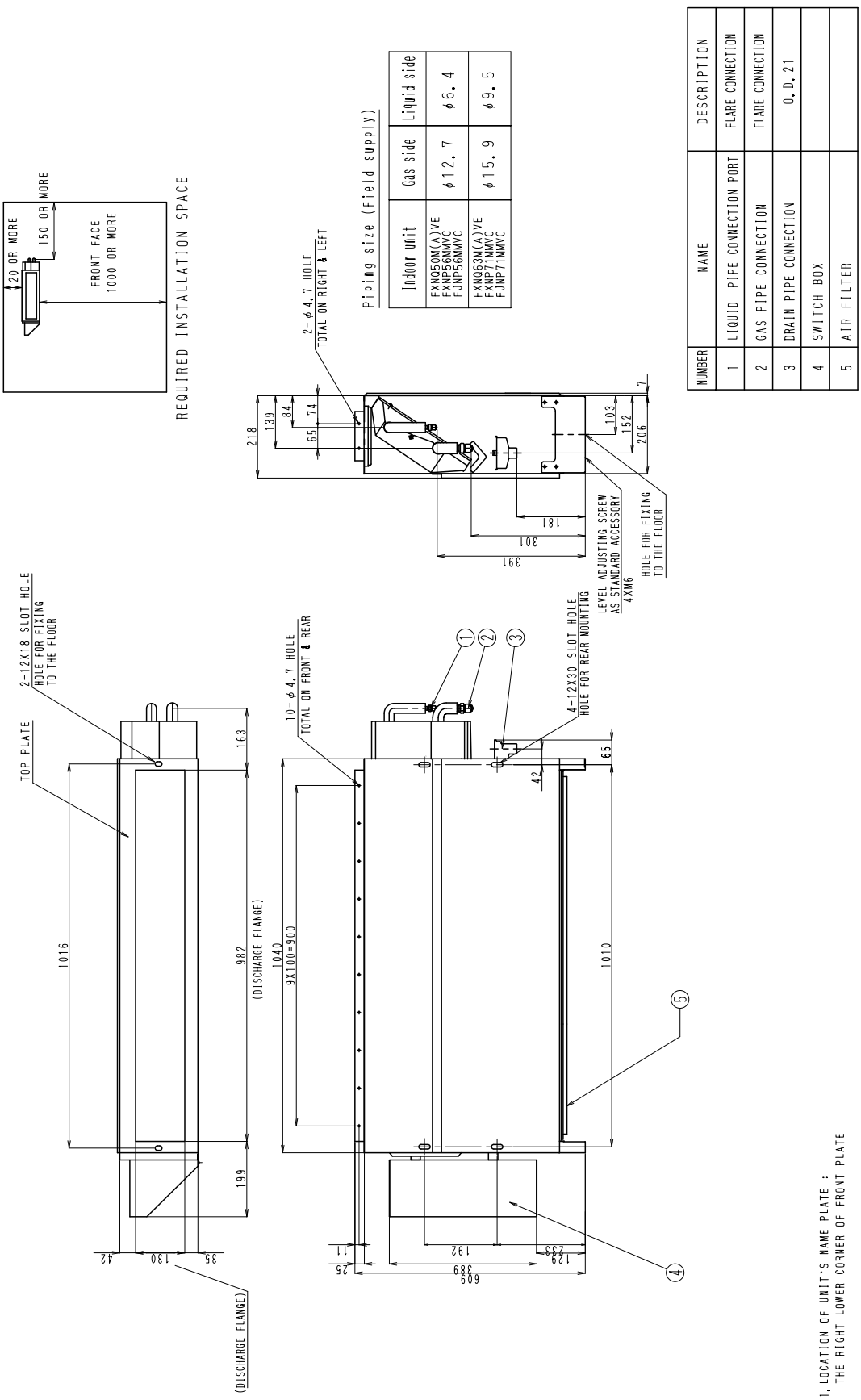


NUMBER	NAME	DESCRIPTION
1	LIQUID PIPE CONNECTION PORT	φ6.4 FLARE CONNECTION
2	GAS PIPE CONNECTION PORT	φ12.7 FLARE CONNECTION
3	DRAIN PIPE CONNECTION PORT	O. D. 21
4	SWITCH BOX	
5	AIR FILTER	

NOTE)
1. LOCATION OF UNIT'S NAME PLATE:
THE RIGHT LOWER CORNER OF FRONT PLATE.

FXNQ50MAVE / FXNQ63MAVE

Unit (mm)



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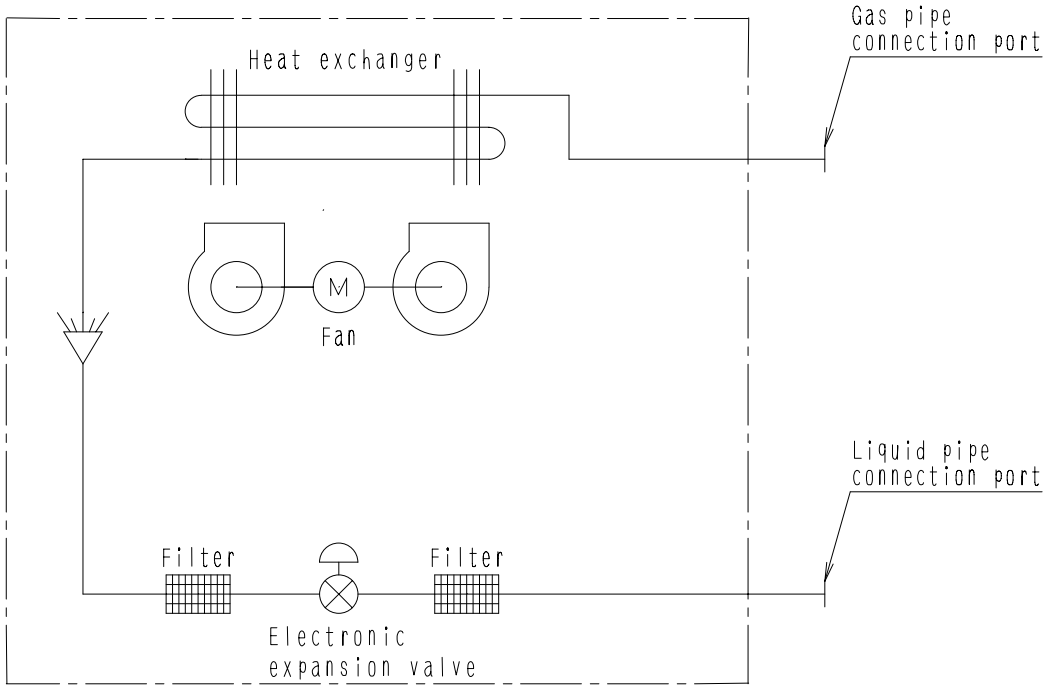
3. Piping Diagrams



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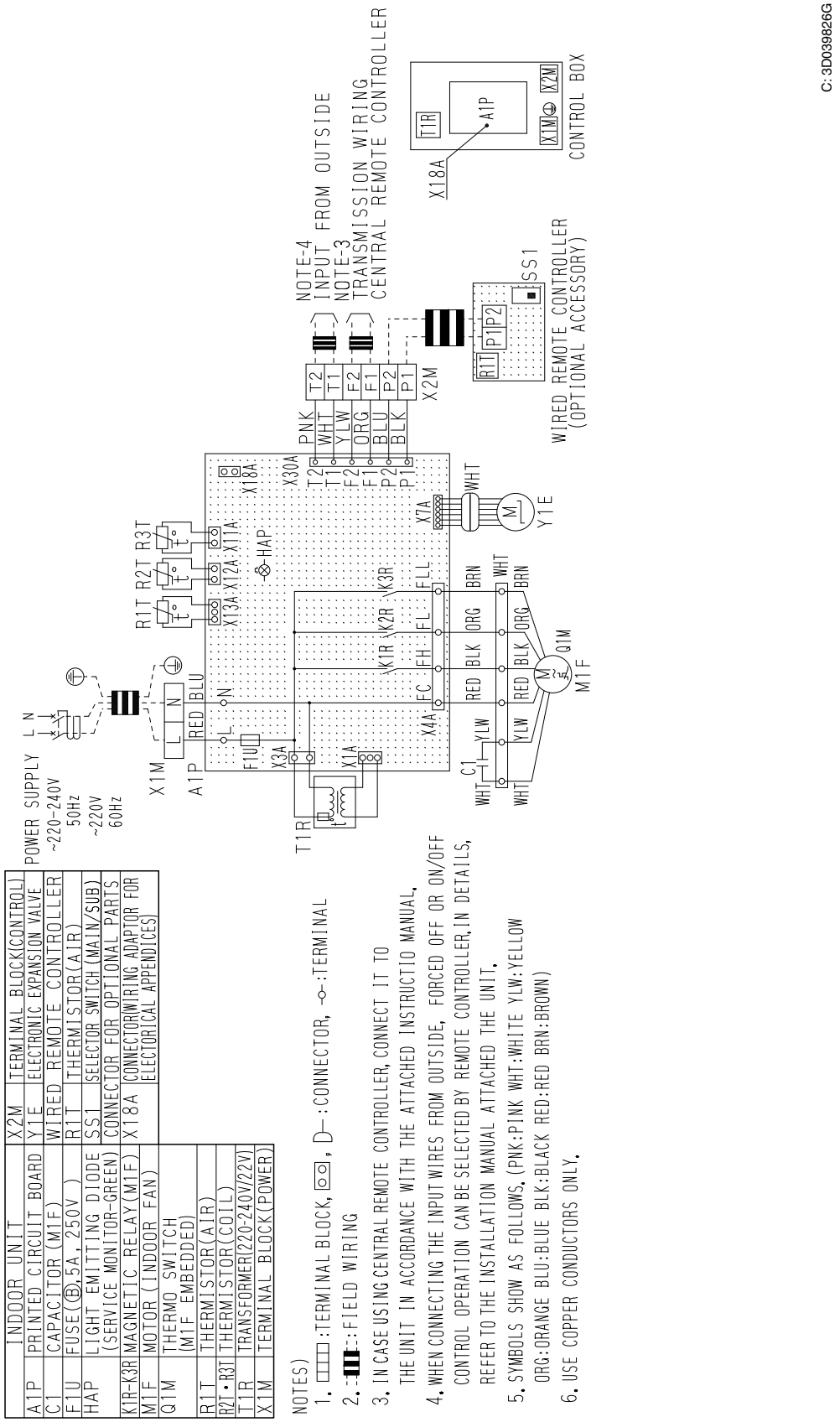
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXLQ20MAVE / FXLQ25MAVE / FXLQ32MAVE / FXLQ40MAVE / FXLQ50MAVE FXNQ20MAVE / FXNQ25MAVE / FXNQ32MAVE / FXNQ40MAVE / FXNQ50MAVE	ϕ12.7	ϕ6.4
FXLQ63MAVE FXNQ63MAVE	ϕ15.9	ϕ9.5

4. Wiring Diagrams

FXLQ20MAVE / FXLQ25MAVE / FXLQ32MAVE / FXLQ40MAVE / FXLQ50MAVE / FXLQ63MAVE
FXNQ20MAVE / FXNQ25MAVE / FXNQ32MAVE / FXNQ40MAVE / FXNQ50MAVE / FXNQ63MAVE



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5. Electric Characteristics

FXLQ20MAVE / FXLQ25MAVE / FXLQ32MAVE / FXLQ40MAVE / FXLQ50MAVE / FXLQ63MAVE
FXNQ20MAVE / FXNQ25MAVE / FXNQ32MAVE / FXNQ40MAVE / FXNQ50MAVE / FXNQ63MAVE

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXLQ・FXNQ20MAVE	50	220-240	MAX. 264 Min. 198	0.3	15	0.015	0.2	49	49
FXLQ・FXNQ25MAVE				0.3	15	0.015	0.2	49	49
FXLQ・FXNQ32MAVE				0.6	15	0.025	0.5	90	90
FXLQ・FXNQ40MAVE				0.6	15	0.025	0.5	90	90
FXLQ・FXNQ50MAVE				0.6	15	0.035	0.5	110	110
FXLQ・FXNQ63MAVE				0.6	15	0.035	0.5	110	110
FXLQ・FXNQ20MAVE	60	220	MAX. 242 Min. 198	0.3	15	0.015	0.2	47	47
FXLQ・FXNQ25MAVE				0.3	15	0.015	0.2	47	47
FXLQ・FXNQ32MAVE				0.5	15	0.025	0.4	79	79
FXLQ・FXNQ40MAVE				0.5	15	0.025	0.4	84	84
FXLQ・FXNQ50MAVE				0.6	15	0.035	0.5	105	105
FXLQ・FXNQ63MAVE				0.6	15	0.035	0.5	108	108

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXLQ20MAVE FXNQ20MAVE	FXLQ25MAVE FXNQ25MAVE	FXLQ32MAVE FXNQ32MAVE	FXLQ40MAVE FXNQ40MAVE	FXLQ50MAVE FXNQ50MAVE	FXLQ63MAVE FXNQ63MAVE
Printed circuit board fuse		250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–	–	–	–
Fan motor thermal protector	°C	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less	OFF: 135±10 ON : 120 or less

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7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXLQ-MA FXNQ-MA	20	1.5	1.3	1.8	1.5	2.1	1.7	2.2	1.7	2.2	1.6	2.3	1.5	2.3	1.4
	25	1.9	1.6	2.3	1.8	2.6	2.0	2.8	2.1	2.8	2.0	2.9	1.9	3.0	1.8
	32	2.4	1.9	2.9	2.2	3.4	2.5	3.6	2.5	3.6	2.3	3.7	2.3	3.8	2.2
	40	3.0	2.5	3.6	2.7	4.2	3.1	4.5	3.1	4.6	3.1	4.7	3.0	4.8	2.8
	50	3.8	3.0	4.5	3.4	5.2	3.8	5.6	3.9	5.7	3.9	5.8	3.7	5.9	3.4
	63	4.8	3.7	5.7	4.2	6.6	4.8	7.1	4.9	7.2	4.7	7.4	4.5	7.5	4.1

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

7.2 Correction Factor for Te: 9°C

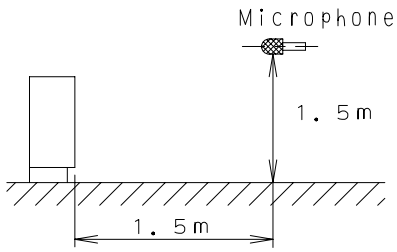
When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXLQ20MAVE	TC	0.650	0.709	0.767	0.788	0.808	0.842	0.866
	SHF	1.205	1.160	1.108	1.090	1.073	1.046	1.029
FXLQ25MAVE	TC	0.650	0.711	0.769	0.791	0.812	0.844	0.867
	SHF	1.206	1.158	1.108	1.088	1.071	1.046	1.029
FXLQ32MAVE	TC	0.647	0.709	0.767	0.787	0.807	0.842	0.866
	SHF	1.212	1.160	1.109	1.090	1.073	1.045	1.028
FXLQ40MAVE	TC	0.661	0.714	0.775	0.797	0.814	0.844	0.867
	SHF	1.184	1.154	1.103	1.084	1.071	1.047	1.036
FXLQ50MAVE	TC	0.654	0.709	0.768	0.790	0.809	0.842	0.865
	SHF	1.194	1.160	1.107	1.088	1.073	1.046	1.029
FXLQ63MAVE	TC	0.662	0.713	0.773	0.795	0.813	0.843	0.866
	SHF	1.179	1.155	1.103	1.084	1.071	1.049	1.039
FXNQ20MAVE	TC	0.650	0.709	0.767	0.788	0.808	0.842	0.866
	SHF	1.205	1.160	1.108	1.090	1.073	1.046	1.029
FXNQ25MAVE	TC	0.650	0.711	0.769	0.791	0.812	0.844	0.867
	SHF	1.206	1.158	1.108	1.088	1.071	1.046	1.029
FXNQ32MAVE	TC	0.647	0.709	0.767	0.787	0.807	0.842	0.866
	SHF	1.212	1.160	1.109	1.090	1.073	1.045	1.028
FXNQ40MAVE	TC	0.661	0.714	0.775	0.797	0.814	0.844	0.867
	SHF	1.184	1.154	1.103	1.084	1.071	1.047	1.036
FXNQ50MAVE	TC	0.654	0.709	0.768	0.790	0.809	0.842	0.865
	SHF	1.194	1.160	1.107	1.088	1.073	1.046	1.029
FXNQ63MAVE	TC	0.662	0.713	0.773	0.795	0.813	0.843	0.866
	SHF	1.179	1.155	1.103	1.084	1.071	1.049	1.039

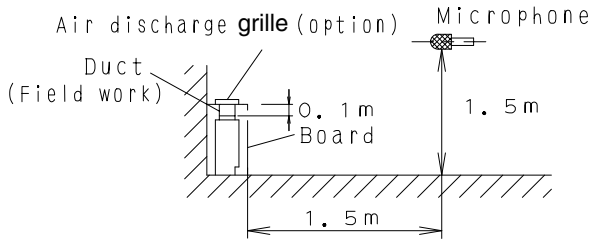
8. Sound Levels

Overall

Location of microphone (for sound pressure level)



Location of microphone (for sound pressure level)



dB(A) dB(A)

Model	Sound pressure level				Model	Sound pressure level			
	220V, 50/60Hz		240V, 50Hz			220V, 50/60Hz		240V, 50Hz	
	H	L	H	L		H	L	H	L
FXLQ20MAVE FXLQ25MAVE FXLQ32MAVE	35	32	37	34	FXNQ20MAVE FXNQ25MAVE FXNQ32MAVE	35	32	37	34
FXLQ40MAVE	38	33	40	35	FXNQ40MAVE	38	33	40	35
FXLQ50MAVE	39	34	41	36	FXNQ50MAVE	39	34	41	36
FXLQ63MAVE	40	35	42	37	FXNQ63MAVE	40	35	42	37

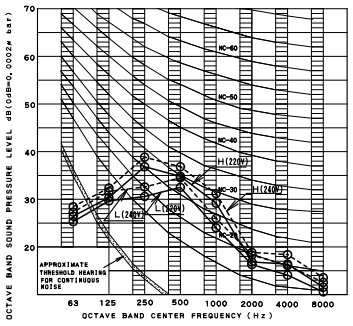
Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

Octave Band Level

○———○ 220V, 50/60Hz
○ - - - -○ 240V, 50Hz

FXLQ20MAVE / FXLQ25MAVE



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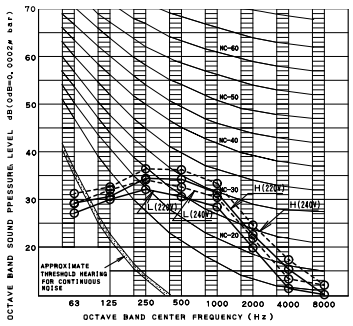
FXLQ32MAVE



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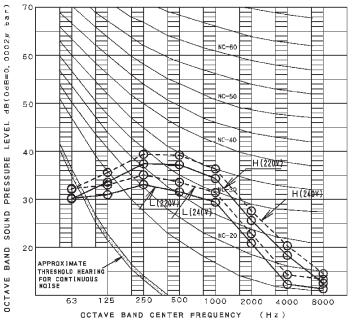
FXLQ40MAVE



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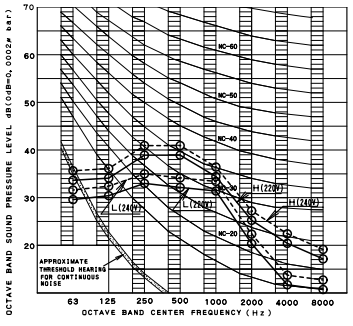
FXLQ50MAVE



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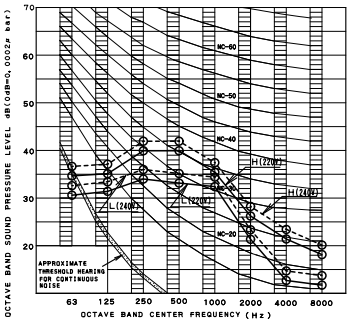
FXLQ63MAVE



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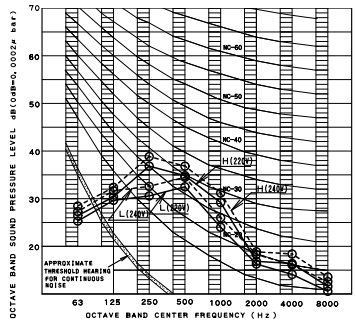
FXNQ20MAVE / FXNQ25MAVE



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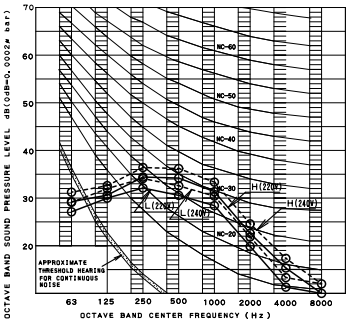
FXNQ32MAVE



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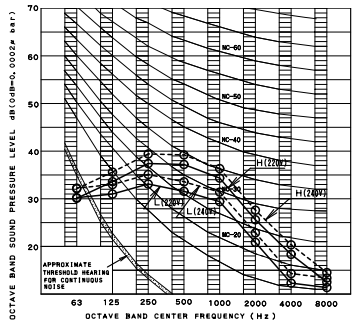
FXNQ40MAVE



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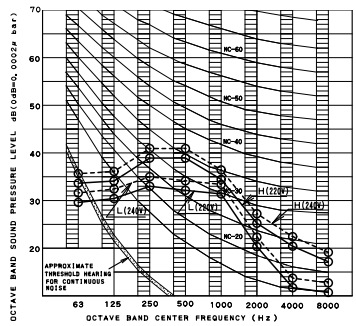
FXNQ50MAVE



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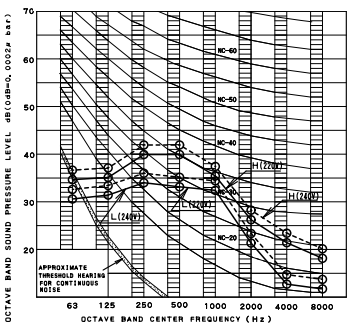
FXNQ63MAVE



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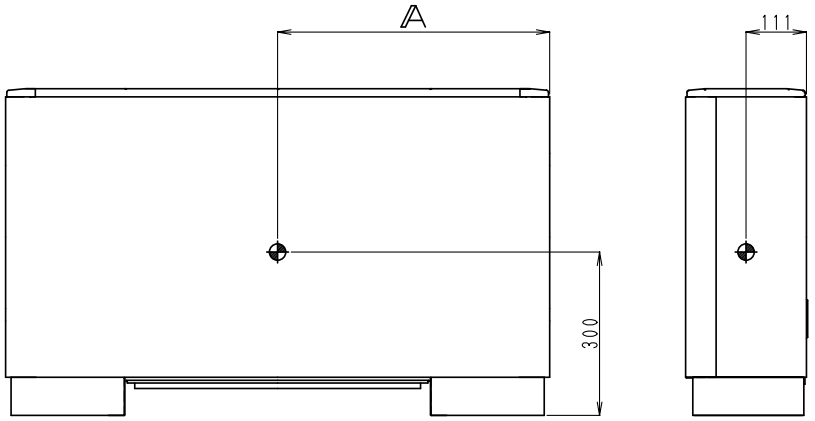
9. Centre of Gravity

FXLQ20MAVE / FXLQ25MAVE / FXLQ32MAVE / FXLQ40MAVE / FXLQ50MAVE / FXLQ63MAVE

Unit (mm)



	A
FXLQ20MAVE • FXLQ25MAVE	500
FXLQ32MAVE • FXLQ40MAVE	570
FXLQ50MAVE • FXLQ63MAVE	710

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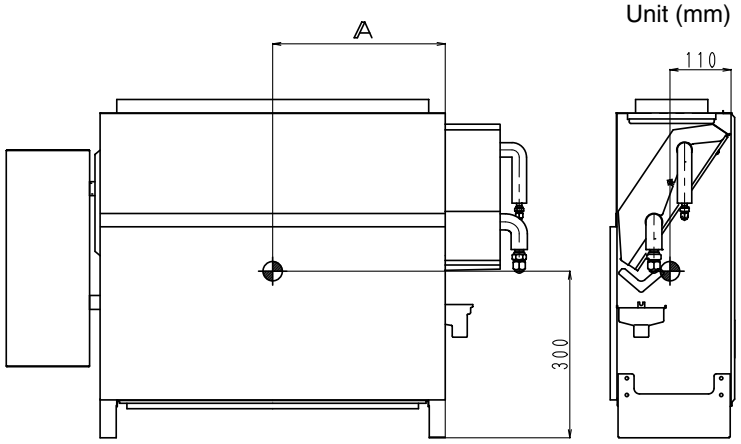
FXNQ20MAVE / FXNQ25MAVE / FXNQ32MAVE / FXNQ40MAVE / FXNQ50MAVE / FXNQ63MAVE

Unit (mm)



	A
FXNQ20MAVE • FXNQ25MAVE	395
FXNQ32MAVE • FXNQ40MAVE	465
FXNQ50MAVE • FXNQ63MAVE	505

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10. Accessories

10.1 Optional Accessories (for Unit)

Item	Model					
	FXLQ20MAVE FXNQ20MAVE	FXLQ25MAVE FXNQ25MAVE	FXLQ32MAVE FXNQ32MAVE	FXLQ40MAVE FXNQ40MAVE	FXLQ50MAVE FXNQ50MAVE	FXLQ63MAVE FXNQ63MAVE
Long life replacement filter	KAFJ361K28		KAFJ361K45		KAFJ361K71	

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10.2 Optional Accessories (for Controls)

Refer to page 728.

FXVQ-M
Floor Standing Duct Type

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1. Specifications

Floor standing duct type

Model			FXVQ125MY1	FXVQ200MY1	FXVQ250MY1
Power supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 ★2 Cooling capacity		kcal/h	12,000	19,300	24,100
		Btu/h	47,800	76,400	95,500
		kW	14.0	22.4	28.0
Casing / Colour			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,670×750×510	1,670×950×510	1,670×1,170×510
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×32×2.0	3×32×2.0	3×32×2.0
	Face area	m²	0.419	0.560	0.715
Fan	Model		D13/4G2BM3	D13/4G3AK3	2D13/4G2CG4
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	750×1	1,500×1	1,500×1
	Airflow rate	m³/min	43	69	86
		cfm	1,518	2,436	3,036
	★3 External static pressure	Pa	150	210	270
	Drive		Belt drive	Belt drive	Belt drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter			Long life (Resin net with mould resistance)	Long life (Resin net with mould resistance)	Long life (Resin net with mould resistance)
★4 Piping connections	Liquid pipes	mm	ϕ9.5 (Brazing connection)	ϕ9.5 (Brazing connection)	ϕ9.5 (Brazing connection)
	Gas pipes	mm	ϕ15.9 (Brazing connection)	ϕ19.1 (Brazing connection)	ϕ22.2 (Brazing connection)
	Drain pipe		Rp1 (PS1B internal thread)	Rp1 (PS1B internal thread)	Rp1 (PS1B internal thread)
Mass		kg	115	140	165
★5 Sound pressure level		dB(A)	52	55	59
Safety devices			Fuse, Overcurrent relay	Fuse, Overcurrent relay	Fuse, Overcurrent relay
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Connection pipe. Drain plug cap. Insulation for drain plug. Clamp. Bolt. Nut. Operation manual. Installation manual.	Connection pipe. Drain plug cap. Insulation for drain plug. Clamp. Bolt. Nut. Operation manual. Installation manual.	Connection pipe. Drain plug cap. Insulation for drain plug. Clamp. Bolt. Nut. Operation manual. Installation manual.
Drawing No.			C: 3D085648		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. The value is the external static pressure with standard pulley.
★4. Both liquid pipe and gas pipe need insulation work.
★5. Sound level : measured when the air discharge outlet duct (2 m) is attached (anechoic chamber conversion value).
It increases by approximately 5 dB(A) when the plenum chamber is installed to deliver direct airflow.
6. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Floor standing duct type

Model			FXVQ400MY1	FXVQ500MY1	FXVQ500MY16
Power supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 ★2 Cooling capacity		kcal/h	38,700	48,200	48,200
		Btu/h	154,000	191,000	191,000
		kW	45.0	56.0	56.0
Casing / Colour			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,900×1,170×720	1,900×1,470×720	1,900×1,470×720
Coil (Cross fin coil)	Rows×Stages×Fin pitch	mm	3×44×2.0	3×44×2.0	3×44×2.0
	Face area	m²	0.945	1.237	1.237
Fan	Model		D2E1AG5	2D2E1BL3	2D2E1BB5
	Type		Sirocco fan	Sirocco fan	Sirocco fan
	Motor output × Number of units	W	3,700×1	3,700×1	5,500×1
	Airflow rate	m³/min	134	165	172
		cfm	4,730	5,825	6,072
	★3 External static pressure	Pa	380	125	480
	Drive		Belt drive	Belt drive	Belt drive
Temperature control			Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter			Long life (Resin net with mould resistance)	Long life (Resin net with mould resistance)	Long life (Resin net with mould resistance)
★4 Piping connections	Liquid pipes	mm	ϕ12.7 (Brazing connection)	ϕ15.9 (Brazing connection)	ϕ15.9 (Brazing connection)
	Gas pipes	mm	ϕ28.6 (Brazing connection)	ϕ28.6 (Brazing connection)	ϕ28.6 (Brazing connection)
	Drain pipe		Rp1 (PS1B internal thread)	Rp1 (PS1B internal thread)	Rp1 (PS1B internal thread)
Mass		kg	225	270	295
★5 Sound pressure level		dB(A)	64	61	67
Safety devices			Fuse, Overcurrent relay	Fuse, Overcurrent relay	Fuse, Overcurrent relay
Refrigerant control			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Standard accessories			Connection pipe. Drain plug cap. Insulation for drain plug. Clamp. Bolt. Nut. Operation manual. Installation manual.	Connection pipe. Drain plug cap. Insulation for drain plug. Clamp. Bolt. Nut. Operation manual. Installation manual.	Connection pipe. Drain plug cap. Insulation for drain plug. Clamp. Bolt. Nut. Operation manual. Installation manual.
Drawing No.			C: 3D085648		

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. The value is the external static pressure with standard pulley.
★4. Both liquid pipe and gas pipe need insulation work.
★5. Sound level : measured when the air discharge outlet duct (2 m) is attached (anechoic chamber conversion value).
It increases by approximately 5 dB(A) when the plenum chamber is installed to deliver direct airflow.
6. Refer to **Electric Characteristics** for the power input.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

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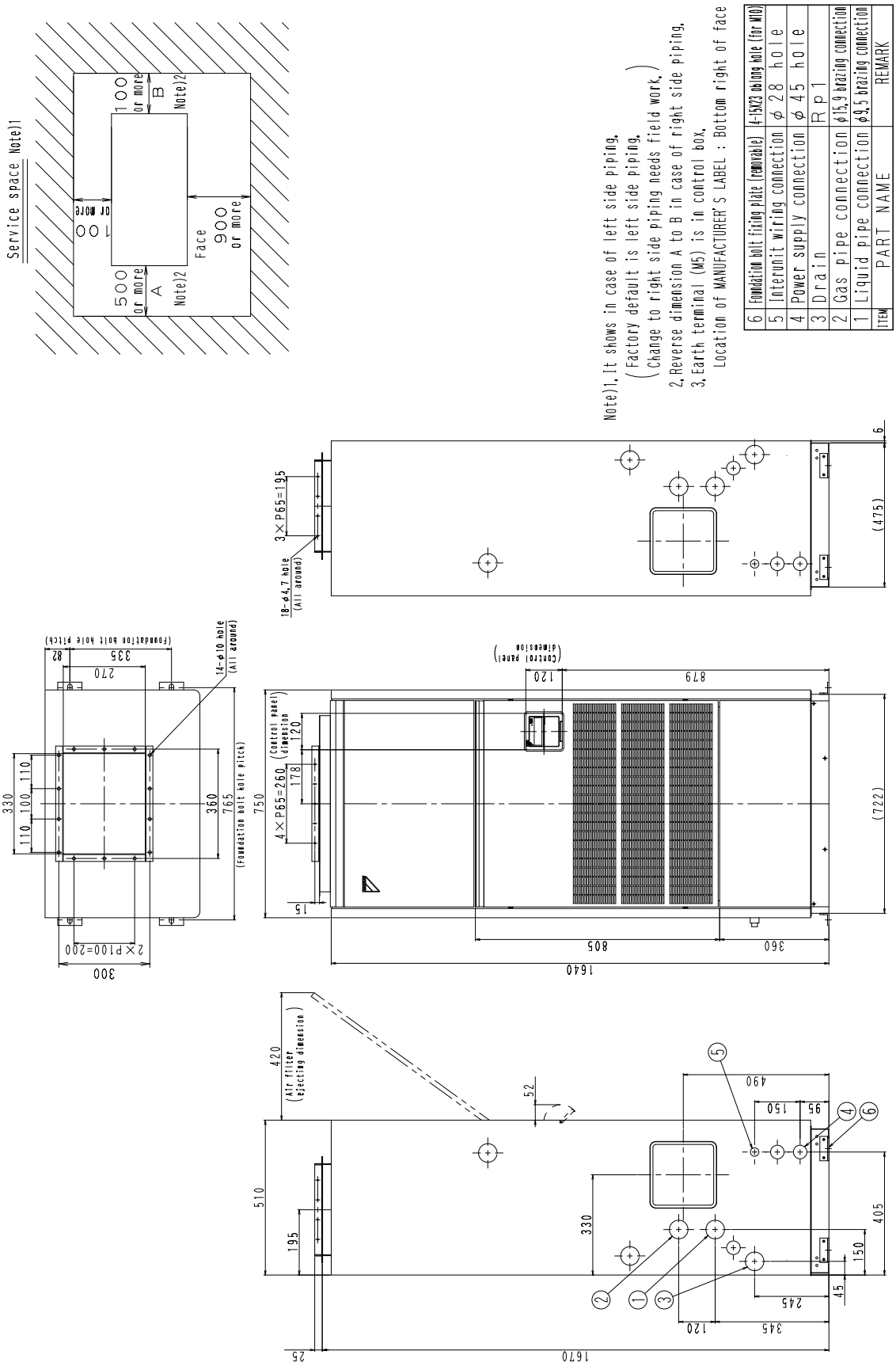
2. Dimensions

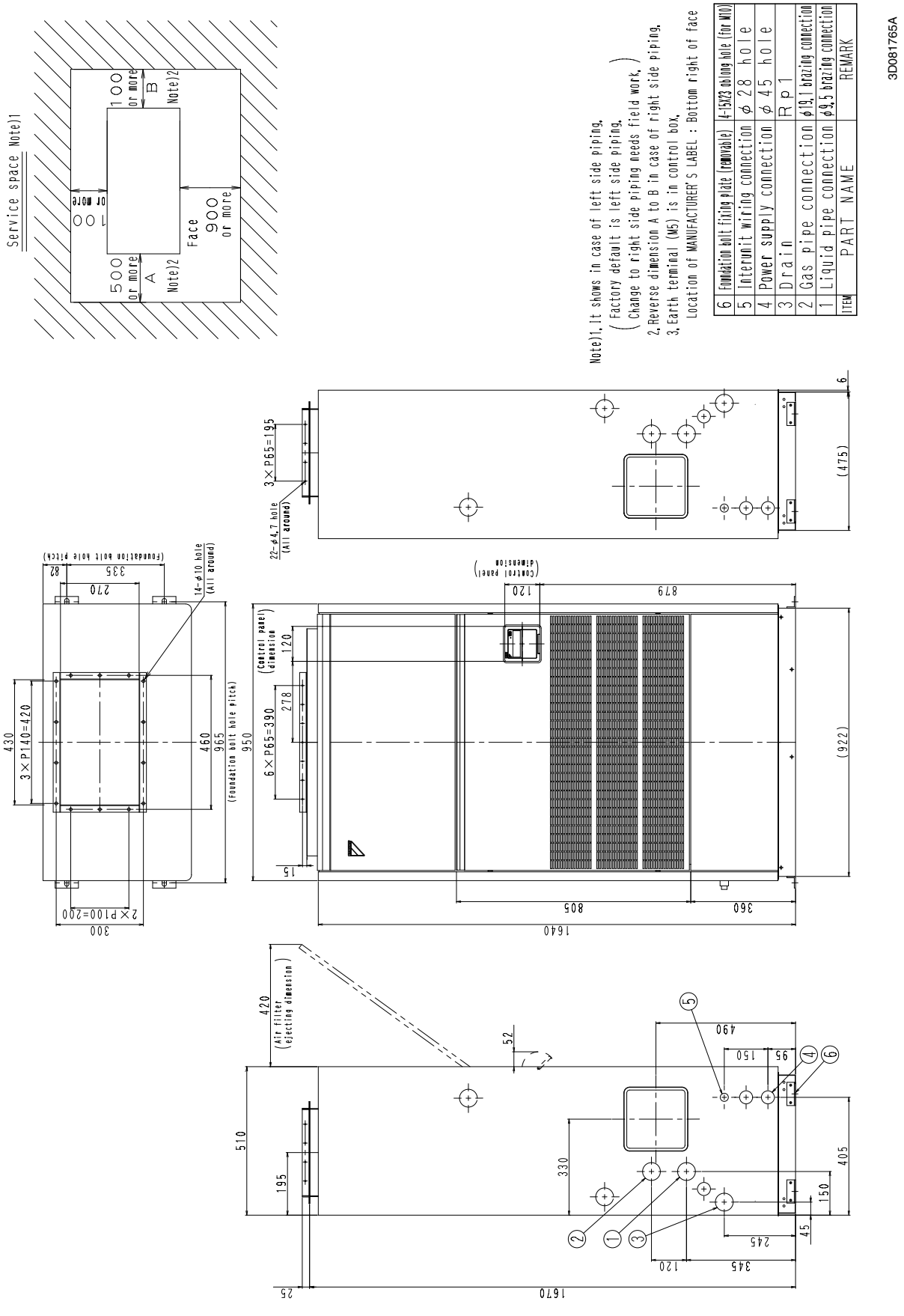
FXVQ125MY1

Unit (mm)



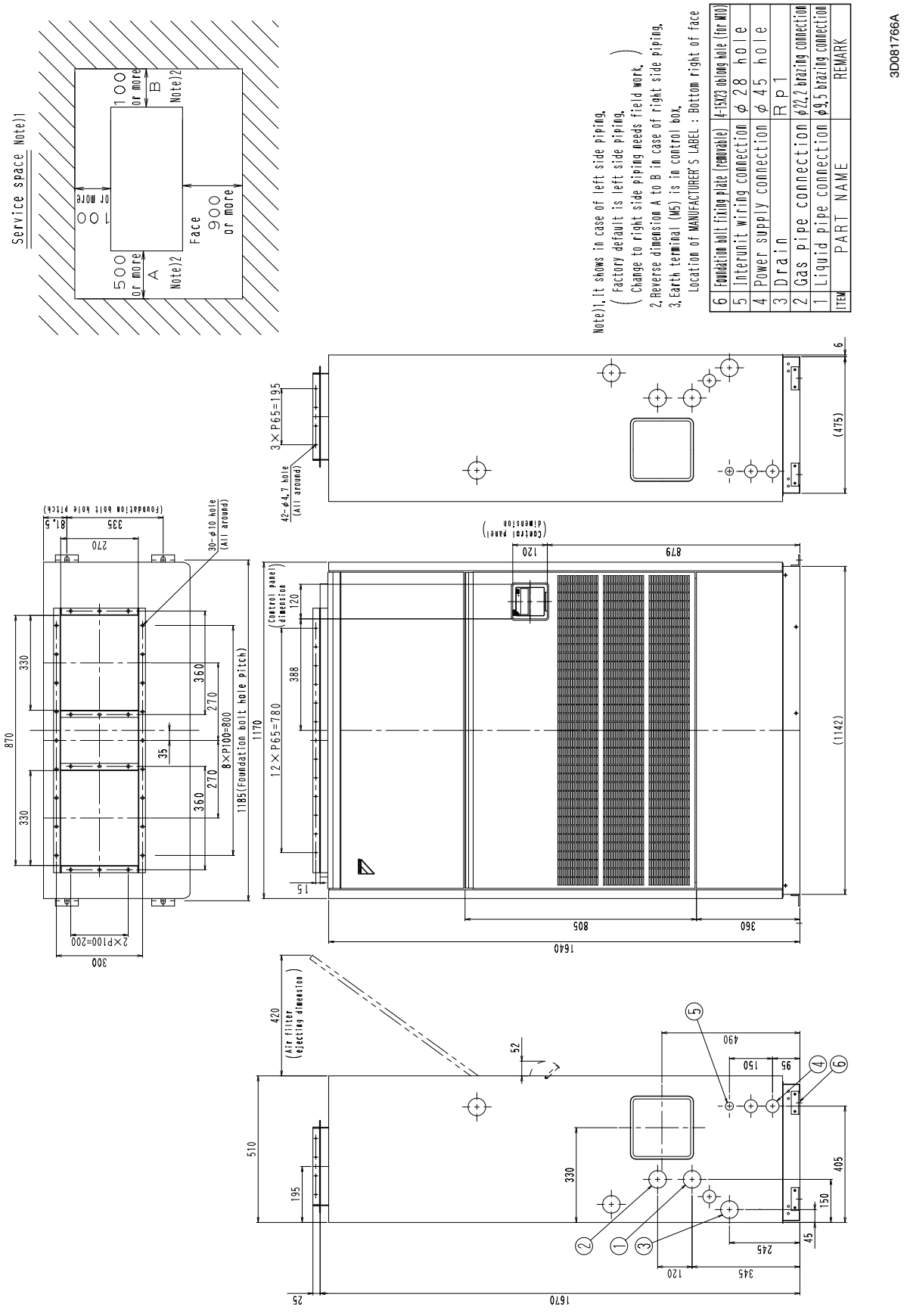
FXVQ200MY1

Unit (mm)



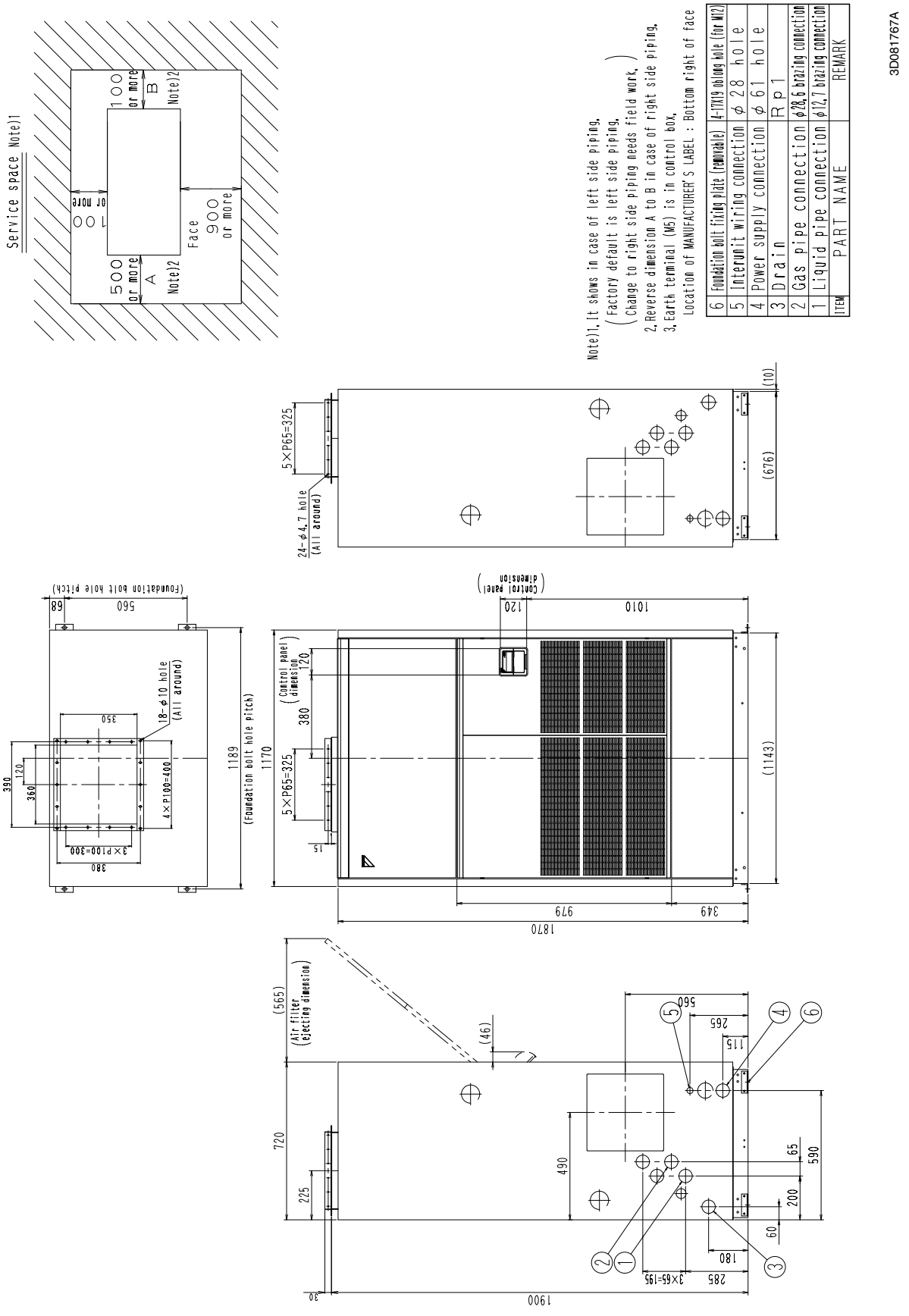
FXVQ250MY1

Unit (mm)



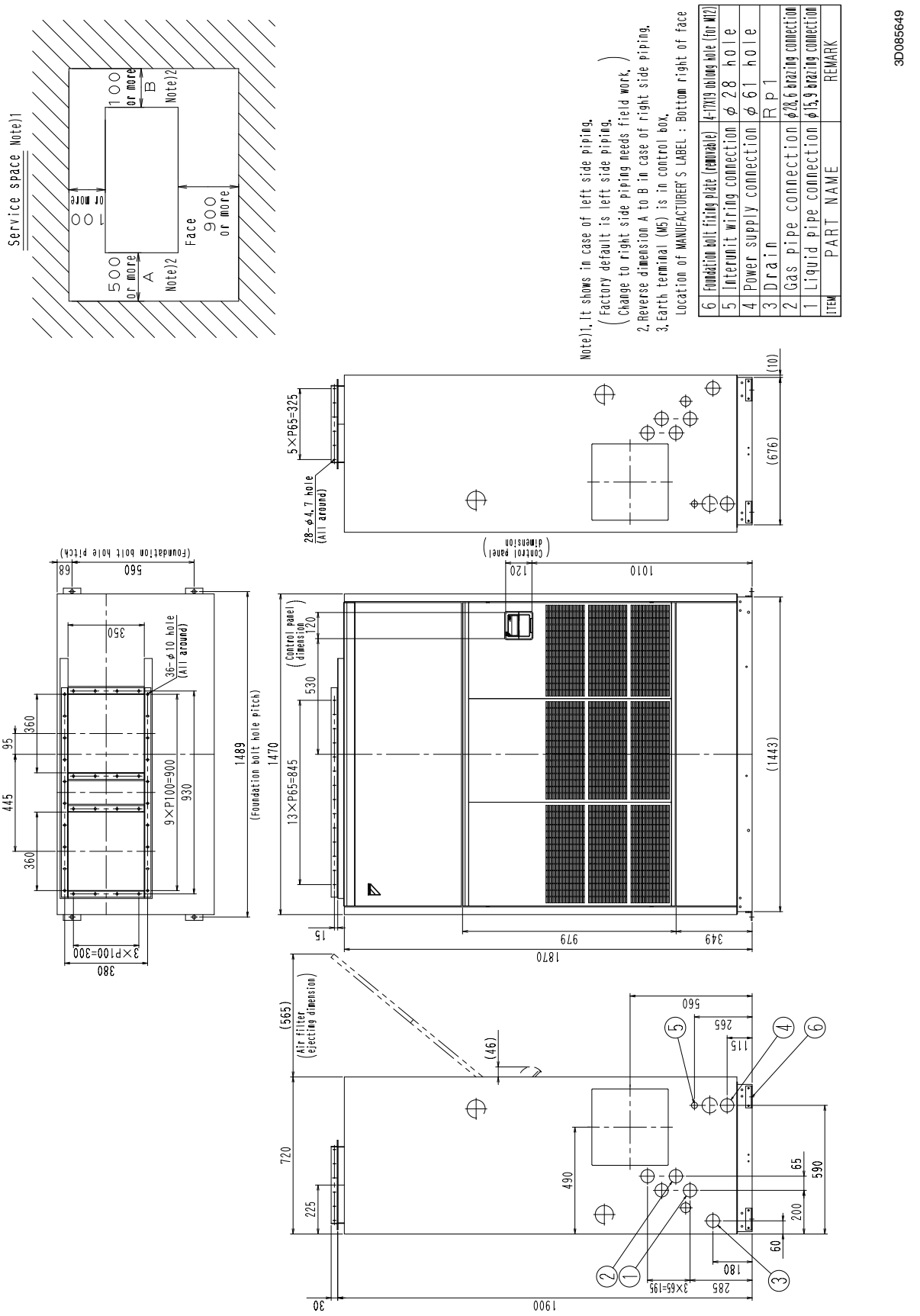
FXVQ400MY1

Unit (mm)



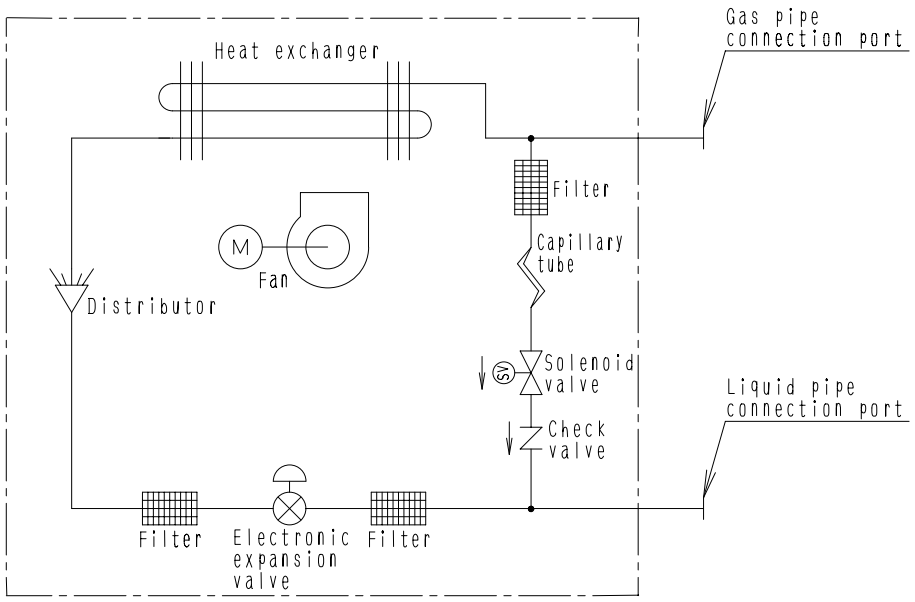
FXVQ500MY1 / FXVQ500MY16

Unit (mm)



3. Piping Diagrams

FXVQ125MY1 / FXVQ200MY1 / FXVQ250MY1



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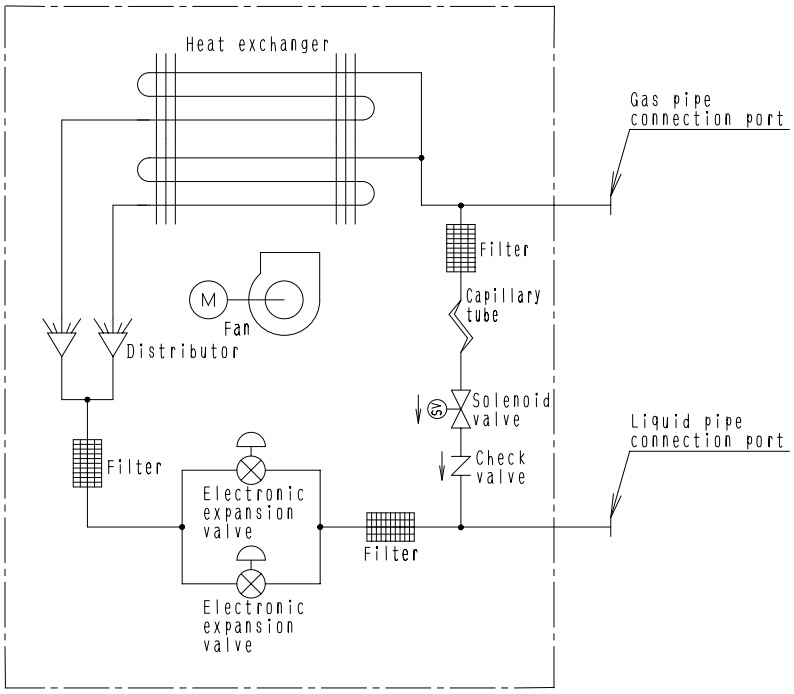
■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXVQ125MY1	ϕ15.9	ϕ9.5
FXVQ200MY1	ϕ19.1	
FXVQ250MY1	ϕ22.2	

FXVQ400MY1 / FXVQ500MY1 / FXVQ500MY16



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■ **Refrigerant pipe connection port diameters**

(mm)

Model	Gas	Liquid
FXVQ400MY1	ϕ28.6	ϕ12.7
FXVQ500MY1 / FXVQ500MY16	ϕ28.6	ϕ15.9

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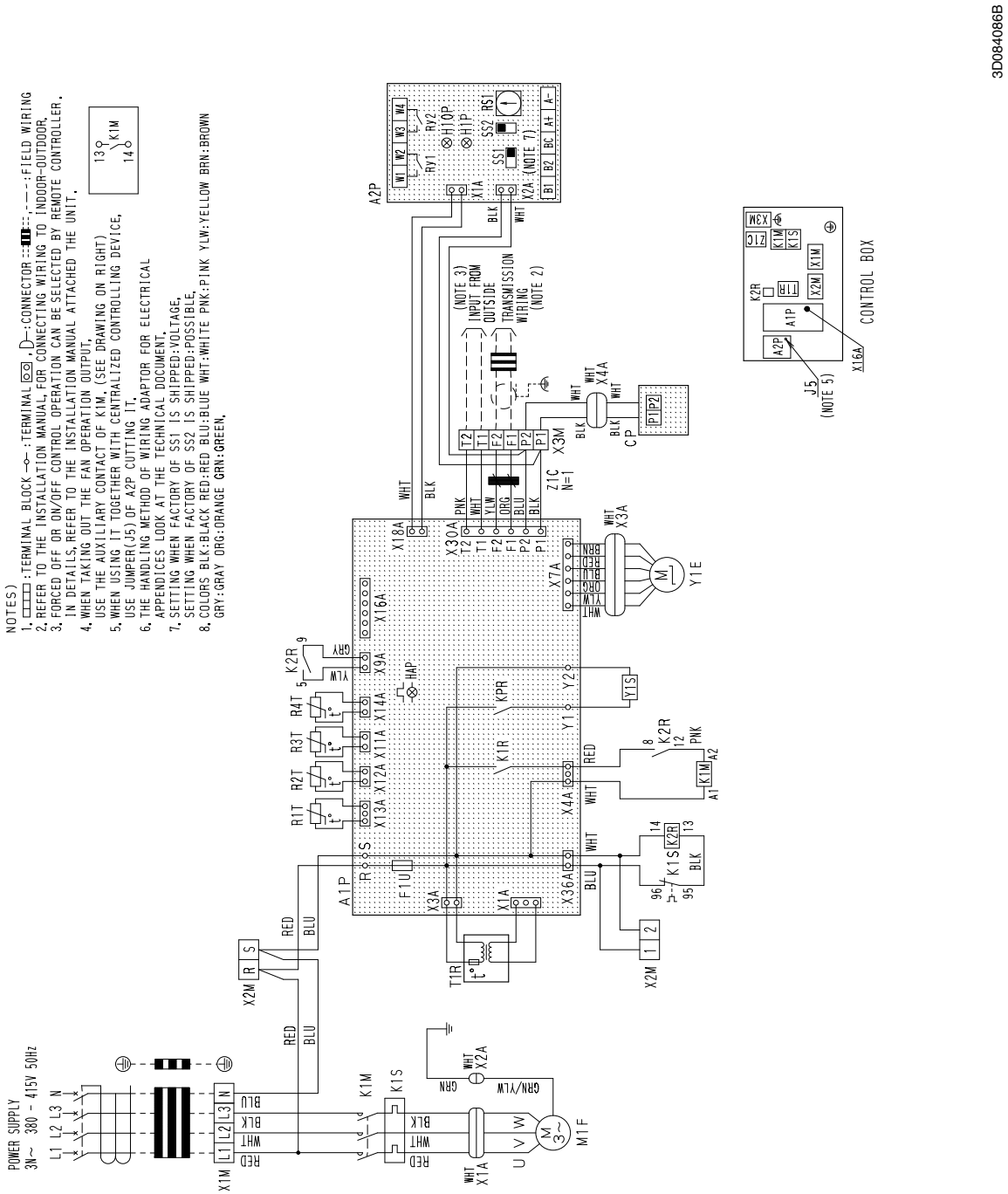
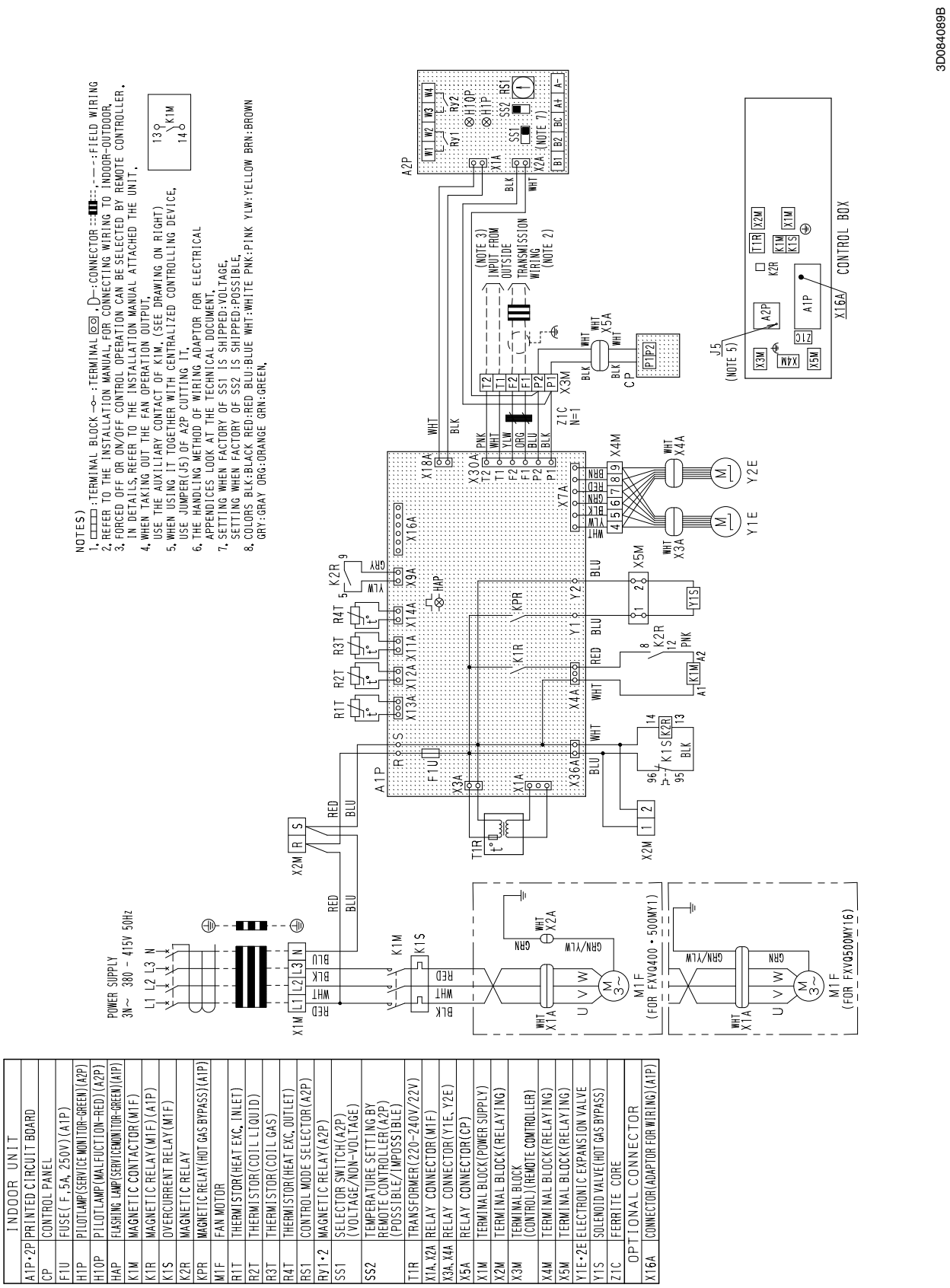
4. Wiring Diagrams

FXVQ125MY1 / FXVQ200MY1 / FXVQ250MY1



INDOOR UNIT	
A1P•2P	PRINTED CIRCUIT BOARD
CP	CONTROL PANEL
F1U	FUSE(F,5A,250V)(A1P)
H1P	PILOTLAMP(SERVICE MONITOR-GREEN)(A2P)
H1OP	PILOTLAMP(MALFUCTION-RED)(A2P)
HAP	FLASHING LAMP(SERVICEMONITOR-GREEN)(A1P)
K1M	MAGNETIC CONTACTOR(M1F)
K1R	MAGNETIC RELAY(M1F)(A1P)
K1S	OVERCURRENT RELAY(M1F)
K2R	MAGNETIC RELAY
KPR	MAGNETIC RELAY(HOT GAS BYPASS)(A1P)
M1F	FAN MOTOR
R1T	THERMISTOR(HEAT EXC.INLET)
R2T	THERMISTOR(COIL LIQUID)
R3T	THERMISTOR(COIL GAS)
R4T	THERMISTOR(HEAT EXC.OUTLET)
RS1	CONTROL MODE SELECTOR(A2P)
RY1•2	MAGNETIC RELAY(A2P)
SS1	SELECTOR SWITCH(A2P) (VOLTAGE/NON-VOLTAGE)
SS2	TEMPERATURE SETTING BY REMOTE CONTROLLER(A2P) (POSSIBLE/IMPOSSIBLE)
T1R	TRANSFORMER(220-240V/22V)
X1A,X2A	RELAY CONNECTOR(M1F)
X3A	RELAY CONNECTOR(Y1E)
X4A	RELAY CONNECTOR(CP)
X1M	TERMINAL BLOCK(POWER SUPPLY)
X2M	TERMINAL BLOCK(RELAYING)
X3M	TERMINAL BLOCK (CONTROL)(REMOTE COMTROLLER)
Y1E	ELECTRONIC EXPANSION VALVE
Y1S	SOLENOID VALVE(HOT GAS BYPASS)
Z1C	FERRITE CORE
OPTIONAL CONNECTOR	
X16A	CONNECTOR(ADAPTOR FOR WIRING)(A1P)

FXVQ400MY1 / FXVQ500MY1 / FXVQ500MY16



INDOOR UNIT	
A1P・2P	PRINTED CIRCUIT BOARD
CP	CONTROL PANEL
F1U	FUSE(F,5A, 250V)(A1P)
H1P	PILOTLAMP(SERVICE MONITOR-GREEN)(A2P)
H1OP	PILOTLAMP(MALFUCTION-RED)(A2P)
HAP	FLASHING LAMP(SERVICEMONITOR-GREEN)(A1P)
K1M	MAGNETIC CONTACTOR(M1F)
K1R	MAGNETIC RELAY(M1F)(A1P)
K1S	OVERCURRENT RELAY(M1F)
K2R	MAGNETIC RELAY
KPR	MAGNETIC RELAY(HOT GAS BYPASS)(A1P)
M1F	FAN MOTOR
R1T	THERMISTOR(HEAT EXC, INLET)
R2T	THERMISTOR(COIL LIQUID)
R3T	THERMISTOR(COIL GAS)
R4T	THERMISTOR(HEAT EXC, OUTLET)
RS1	CONTROL MODE SELECTOR(A2P)
RY1・2	MAGNETIC RELAY(A2P)
SS1	SELECTOR SWITCH(A2P) (VOLTAGE/NON-VOLTAGE)
SS2	TEMPERATURE SETTING BY REMOTE CONTROLLER(A2P) (POSSIBLE/IMPOSSIBLE)
T1R	TRANSFORMER(220-240V/22V)
X1A, X2A	RELAY CONNECTOR(M1F)
X3A, X4A	RELAY CONNECTOR(Y1E, Y2E)
X5A	RELAY CONNECTOR(CP)
X1M	TERMINAL BLOCK(POWER SUPPLY)
X2M	TERMINAL BLOCK(RELAYING)
X3M	TERMINAL BLOCK (CONTROL)/(REMOTE CONTROLLER)
X4M	TERMINAL BLOCK(RELAYING)
X5M	TERMINAL BLOCK(RELAYING)
Y1E・2E	ELECTRONIC EXPANSION VALVE
Y1S	SOLENOID VALVE(HOT GAS BYPASS)
Z1C	FERRITE CORE
OPTIONAL CONNECTOR	
X16A	CONNECTOR(ADAPTOR FOR WIRING)(A1P)

5. Electric Characteristics

FXVQ125MY1 / FXVQ200MY1 / FXVQ250MY1 / FXVQ400MY1 / FXVQ500MY1 / FXVQ500MY16

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXVQ125MY1	50	380-415	MAX. 456 Min. 342	2.4	16	0.75	1.9	590	590
FXVQ200MY1				4.5	16	1.5	3.6	1410	1410
FXVQ250MY1				4.5	16	1.5	3.6	1680	1680
FXVQ400MY1				9.5	25	3.7	7.6	3970	3970
FXVQ500MY1				9.5	25	3.7	7.6	2620	2620
FXVQ500MY16				14.5	40	5.5	11.6	5020	5020

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 16A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model	FXVQ125MY1	FXVQ200MY1	FXVQ250MY1	FXVQ400MY1	FXVQ500MY1	FXVQ500MY16
Printed circuit board fuse	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A	250V 5A
Over current relay (Fan motor)	2.0A	3.6A	3.6A	8.0A	8.0A	12.0A

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7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Indoor air temp.													
		14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
		20.0°CDB		23.0°CDB		26.0°CDB		27.0°CDB		28.0°CDB		30.0°CDB		32.0°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXVQ-MY1	125	9.4	8.8	11.3	9.8	13.1	10.8	14.0	10.9	14.2	10.5	14.5	9.8	14.9	9.1
	200	15.1	13.8	18.0	15.2	20.9	16.7	22.4	16.9	22.7	16.4	23.2	15.3	23.8	14.1
	250	18.9	17.0	22.5	18.9	26.2	20.8	28.0	21.2	28.3	20.4	29.0	19.1	29.7	17.6
	400	30.4	27.4	36.2	30.5	42.1	33.5	45.0	34.1	45.5	33.0	46.6	30.9	47.7	28.7
	500	37.8	35.2	45.1	39.5	52.4	43.4	56.0	44.2	56.7	42.7	58.0	39.9	59.4	37.3
FXVQ-MY16	500	37.8	35.4	45.1	39.6	52.4	43.6	56.0	44.7	56.7	42.9	58.0	40.1	59.4	37.6

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

Notes: 1. These capacity tables are for use when selecting a *VRV* indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. ☐ shows rated condition.

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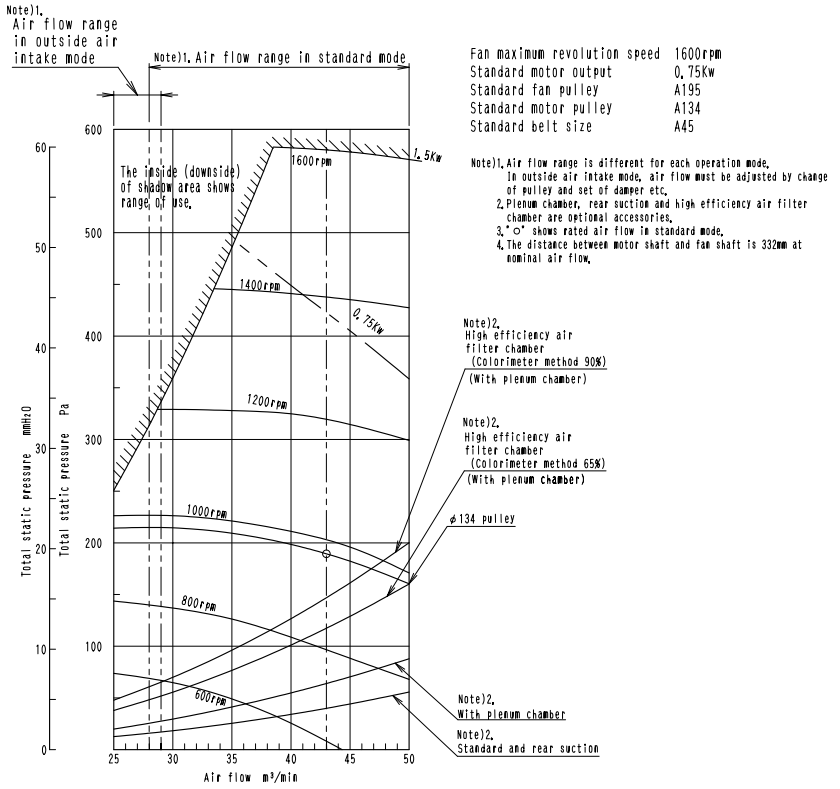
7.2 Correction Factor for Te: 9°C

When a mixed combination of *VRV* and residential indoor units is connected

		VRV (Te: 9°C)						
		14°CWB	16°CWB	18°CWB	19°CWB	20°CWB	22°CWB	24°CWB
		20°CDB	23°CDB	26°CDB	27°CDB	28°CDB	30°CDB	32°CDB
FXVQ125MY1	TC	0.685	0.719	0.782	0.801	0.816	0.842	0.865
	SHF	1.133	1.150	1.099	1.081	1.070	1.055	1.056
FXVQ200MY1	TC	0.691	0.697	0.762	0.790	0.810	0.834	0.856
	SHF	1.109	1.169	1.111	1.087	1.069	1.056	1.060
FXVQ250MY1	TC	0.689	0.715	0.780	0.799	0.815	0.840	0.862
	SHF	1.122	1.153	1.100	1.082	1.070	1.052	1.056
FXVQ400MY1	TC	0.693	0.714	0.775	0.800	0.816	0.840	0.861
	SHF	1.110	1.143	1.095	1.075	1.062	1.047	1.031
FXVQ500MY1	TC	0.697	0.736	0.790	0.808	0.822	0.847	0.869
	SHF	1.115	1.128	1.088	1.072	1.063	1.045	1.031
FXVQ500MY16	TC	0.699	0.737	0.791	0.809	0.823	0.847	0.869
	SHF	1.113	1.126	1.087	1.072	1.062	1.045	1.031

8. Fan Characteristics

FXVQ125MY1



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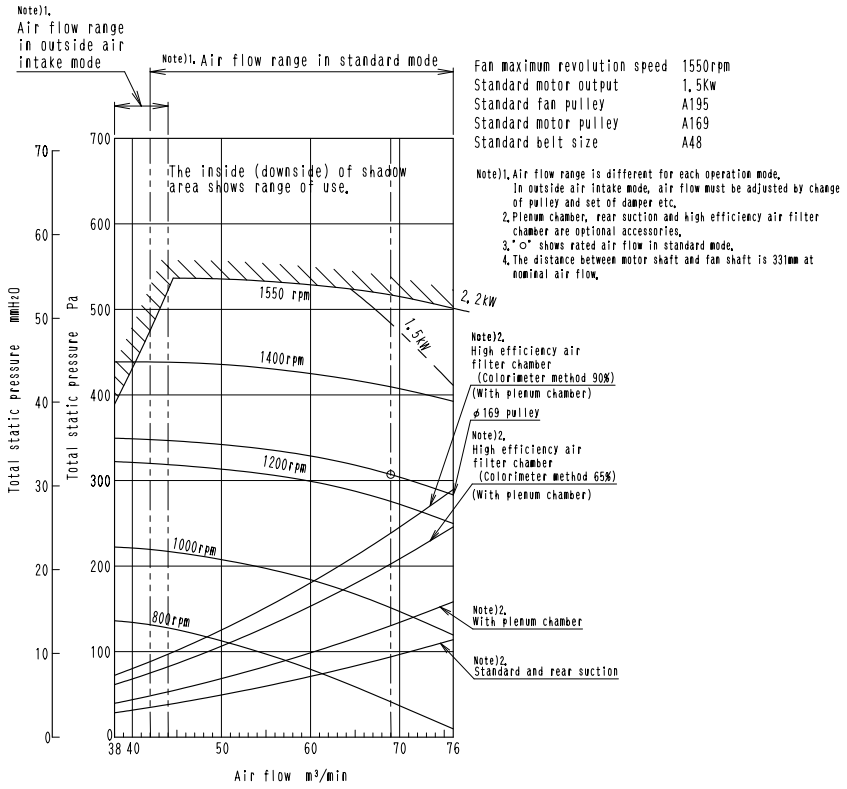
FXVQ200MY1



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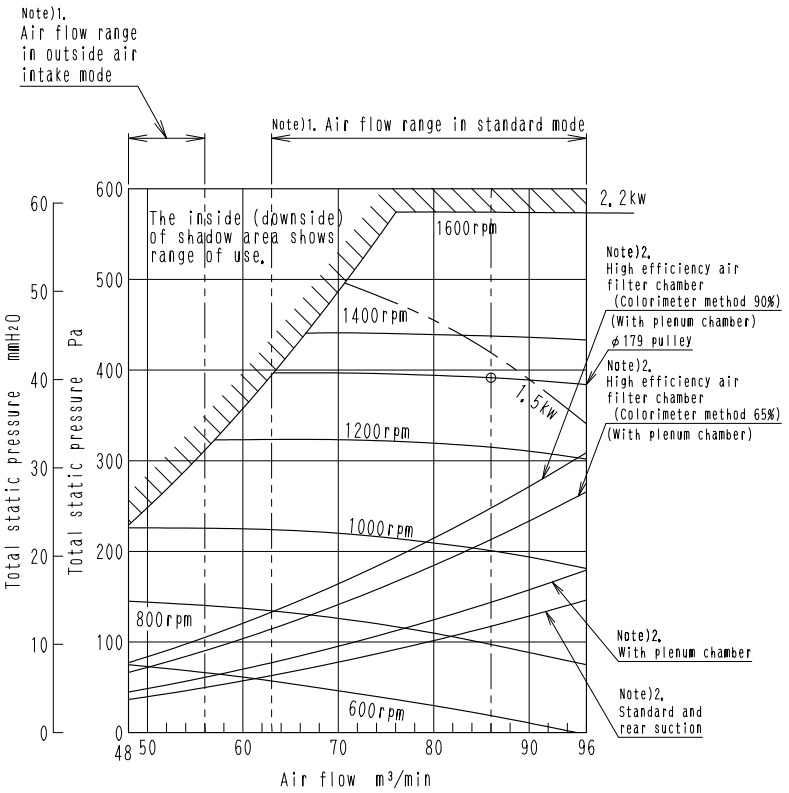
FXVQ250MY1



Fan maximum revolution speed	1600rpm
Standard motor output	1.5Kw
Standard fan pulley	A195
Standard motor pulley	A179
Standard belt size	A49

Note)1. Air flow range is different for each operation mode.
In outside air intake mode, air flow must be adjusted by change of pulley and set of damper etc.
2. Plenum chamber, rear suction and high efficiency air filter chamber are optional accessories.
3. "○" shows rated air flow in standard mode.
4. The distance between motor shaft and fan shaft is 340mm at nominal air flow.

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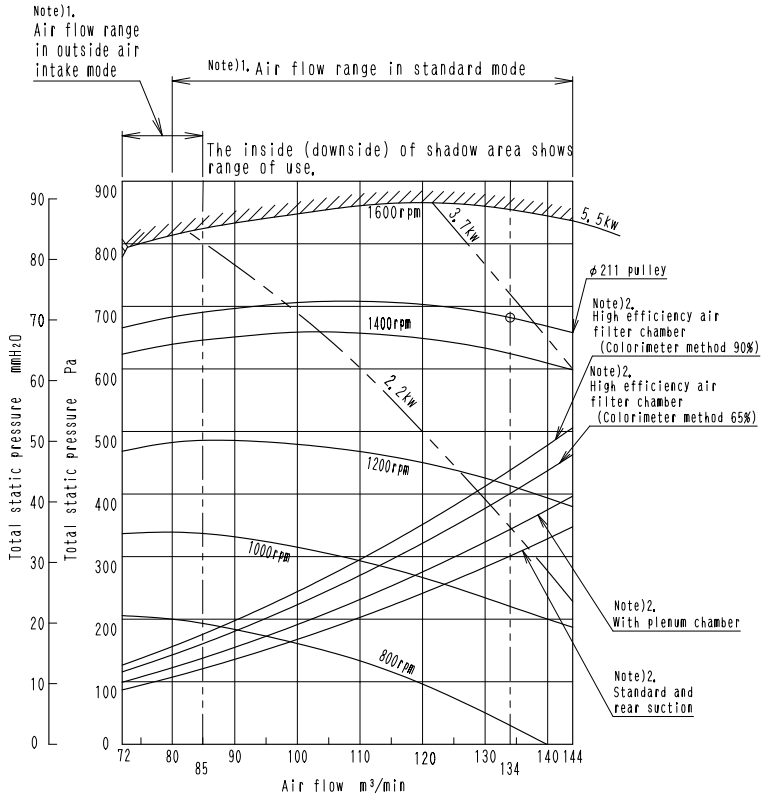
FXVQ400MY1



Fan maximum revolution speed	1600rpm
Standard motor output	3.7Kw
Standard fan pulley	2B211
Standard motor pulley	B211
Standard belt size	B44

Note)1. Air flow range is different for each operation mode.
In outside air intake mode, air flow must be adjusted by change of pulley and set of damper etc.
2. Plenum chamber, rear suction and high efficiency air filter chamber are optional accessories.
3. "○" shows rated air flow in standard mode.
4. The distance between motor shaft and fan shaft is 228mm at nominal air flow.

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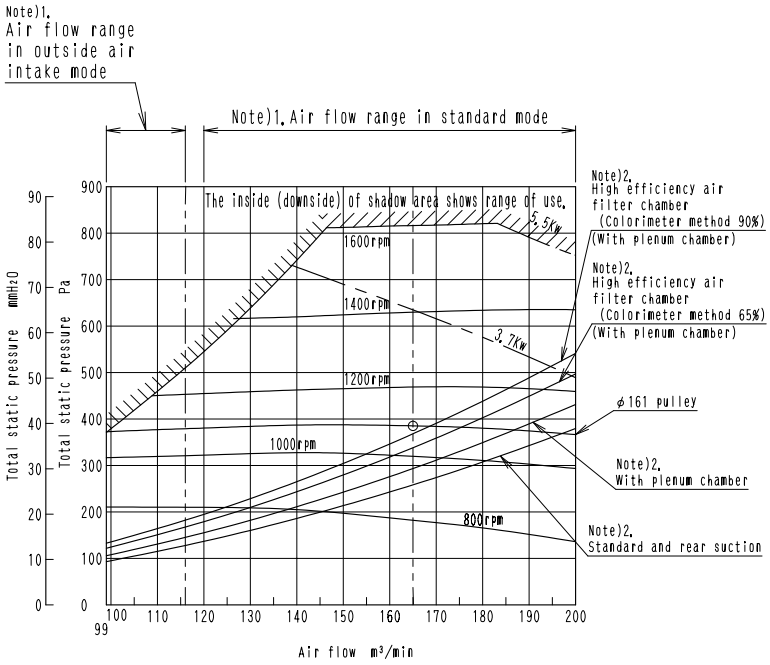
FXVQ500MY1



Fan maximum revolution speed	1600rpm
Standard motor output	3.7Kw
Standard fan pulley	2B211
Standard motor pulley	B161
Standard belt size	B40

Note)1. Air flow range is different for each operation mode.
In outside air intake mode, air flow must be adjusted by change of pulley and set of damper etc.
2. Plenum chamber, rear suction and high efficiency air filter chamber are optional accessories.
3. "○" shows rated air flow in standard mode.
4. The distance between motor shaft and fan shaft is 232mm at nominal air flow.

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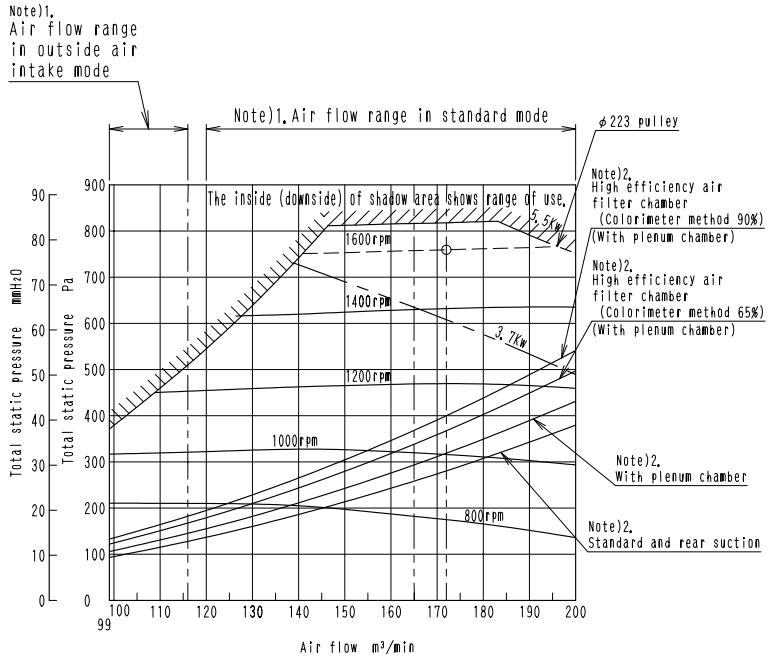
FXVQ500MY16



Fan maximum revolution speed	1600rpm
Standard motor output	5.5Kw
Standard fan pulley	2B211
Standard motor pulley	2B223
Standard belt size	B45

Note)1. Air flow range is different for each operation mode.
In outside air intake mode, air flow must be adjusted by change of pulley and set of damper etc.
2. Plenum chamber, rear suction and high efficiency air filter chamber are optional accessories.
3. "○" shows rated air flow in standard mode.
4. The distance between motor shaft and fan shaft is 247mm at nominal air flow.

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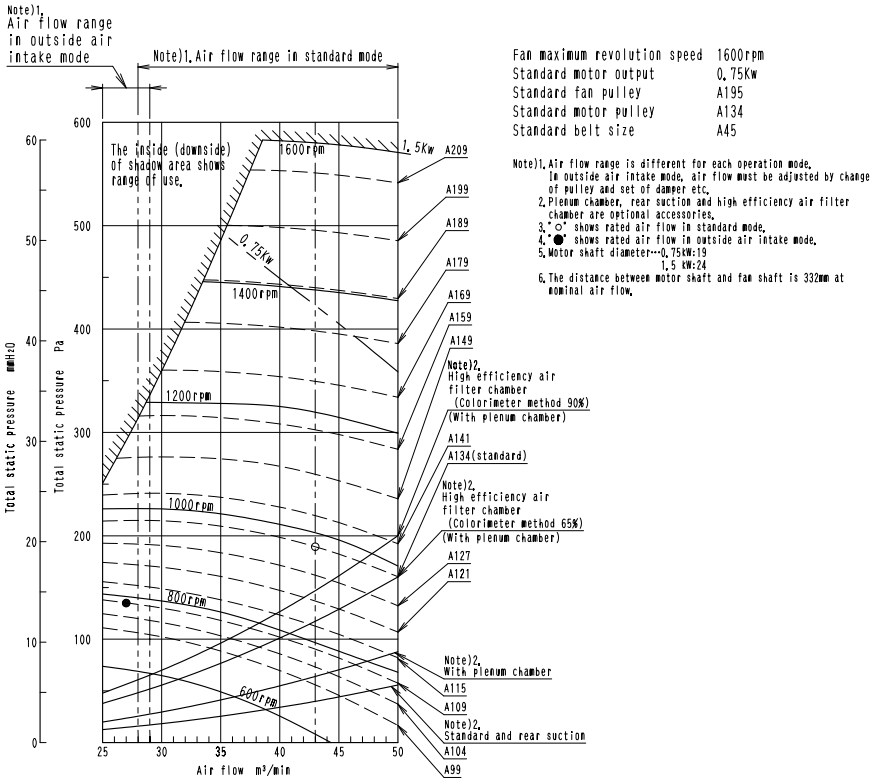
9. Fan Characteristics (For Pulley Selection)

9.1 Pulley Selection

FXVQ125MY1



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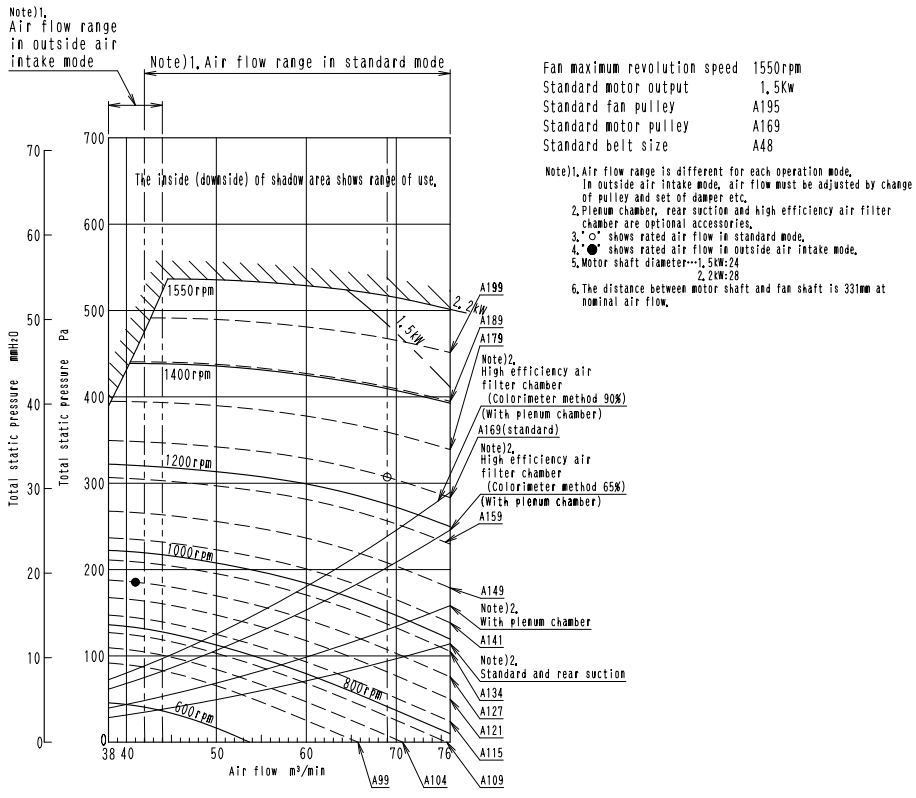
FXVQ200MY1



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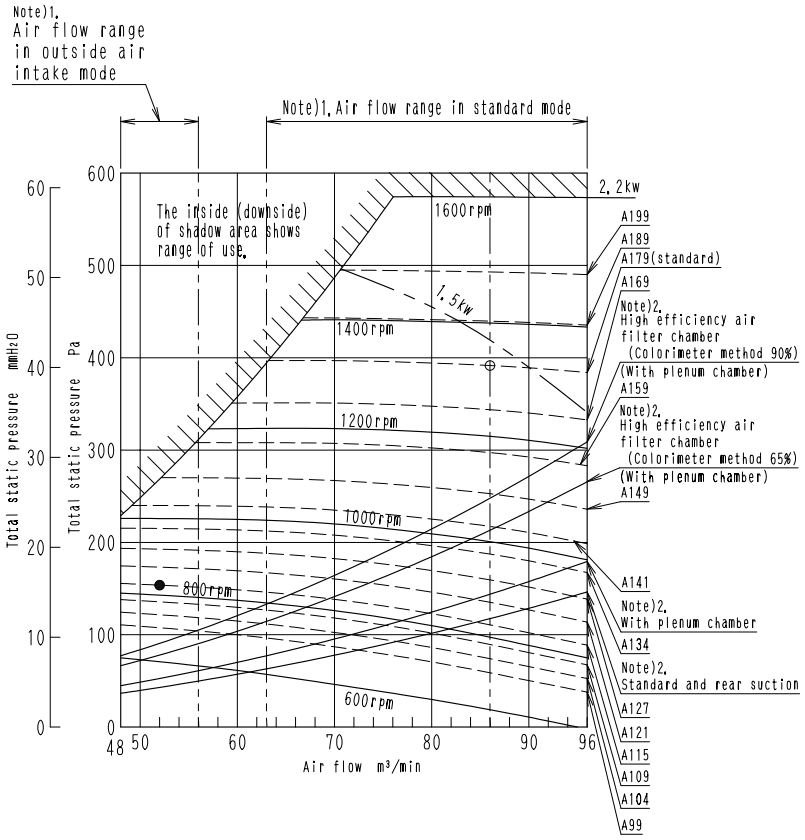
FXVQ250MY1



Fan maximum revolution speed	1600rpm
Standard motor output	1.5Kw
Standard fan pulley	A195
Standard motor pulley	A179
Standard belt size	A49

Note)1. Air flow range is different for each operation mode.
In outside air intake mode, air flow must be adjusted by change of pulley and set of damper etc.
2. Plenum chamber, rear suction and high efficiency air filter chamber are optional accessories.
3. "○" shows rated air flow in standard mode.
4. "●" shows rated air flow in outside air intake mode.
5. Motor shaft diameter···1.5kW:24
2.2kW:28
6. The distance between motor shaft and fan shaft is 340mm at nominal air flow.

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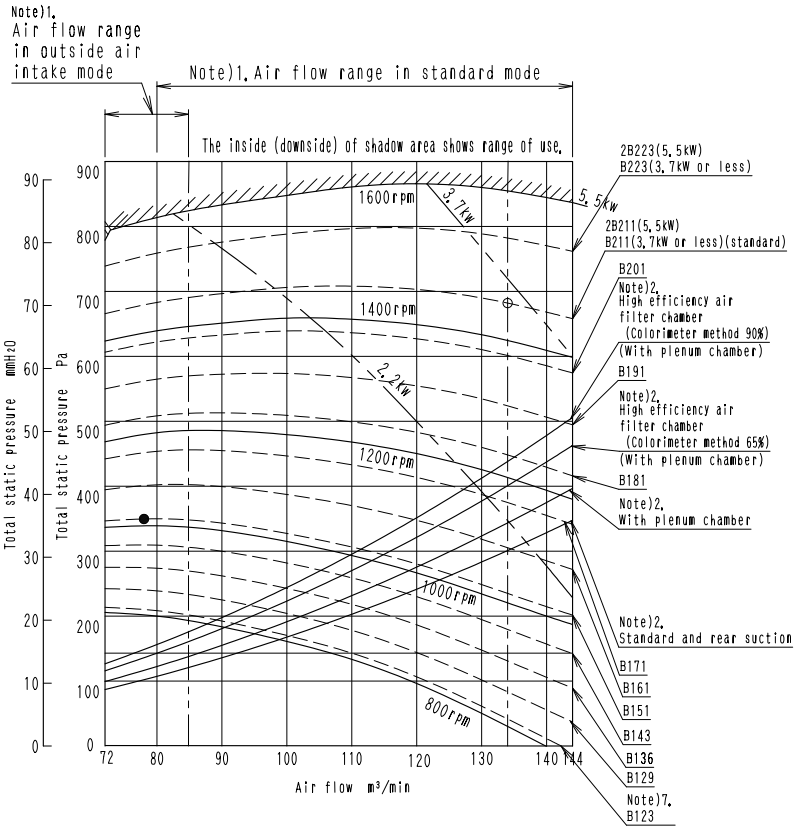
FXVQ400MY1

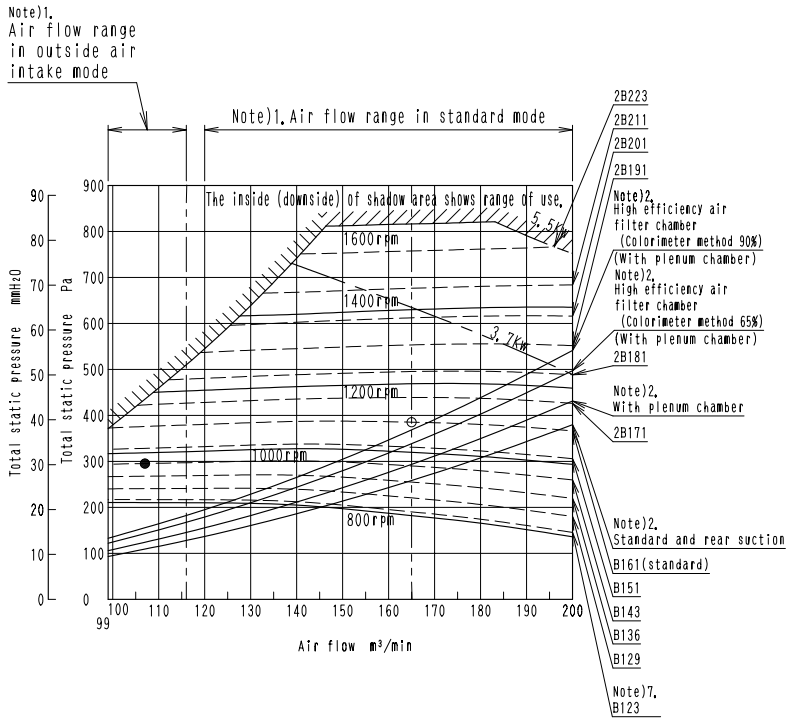


Fan maximum revolution speed	1600rpm
Standard motor output	3.7Kw
Standard fan pulley	2B211
Standard motor pulley	B211
Standard belt size	B44

Note)1. Air flow range is different for each operation mode.
In outside air intake mode, air flow must be adjusted by change of pulley and set of damper etc.
2. Plenum chamber, rear suction and high efficiency air filter chamber are optional accessories.
3. "○" shows rated air flow in standard mode.
4. "●" shows rated air flow in outside air intake mode.
5. Motor shaft diameter···2.2kW:28
3.7kW:28
5.5kW:38
6. The distance between motor shaft and fan shaft is 228mm at nominal air flow.
7. Use low edge cogged belt in selection lower size motor than B129.

4D084345A

FXVQ500MY1



Fan maximum revolution speed	1600rpm
Standard motor output	3.7Kw
Standard fan pulley	2B211
Standard motor pulley	B161
Standard belt size	B40

Note)1. Air flow range is different for each operation mode.
In outside air intake mode, air flow must be adjusted by change of pulley and set of damper etc.
2. Plenum chamber, rear suction and high efficiency air filter chamber are optional accessories.
3. "○" shows rated air flow in standard mode.
4. "●" shows rated air flow in outside air intake mode.
5. Motor shaft diameter···3.7kW:28
5.5kW:38
6. The distance between motor shaft and fan shaft is 232mm at nominal air flow.
7. Use low edge cogged belt in selection lower size motor than B129.

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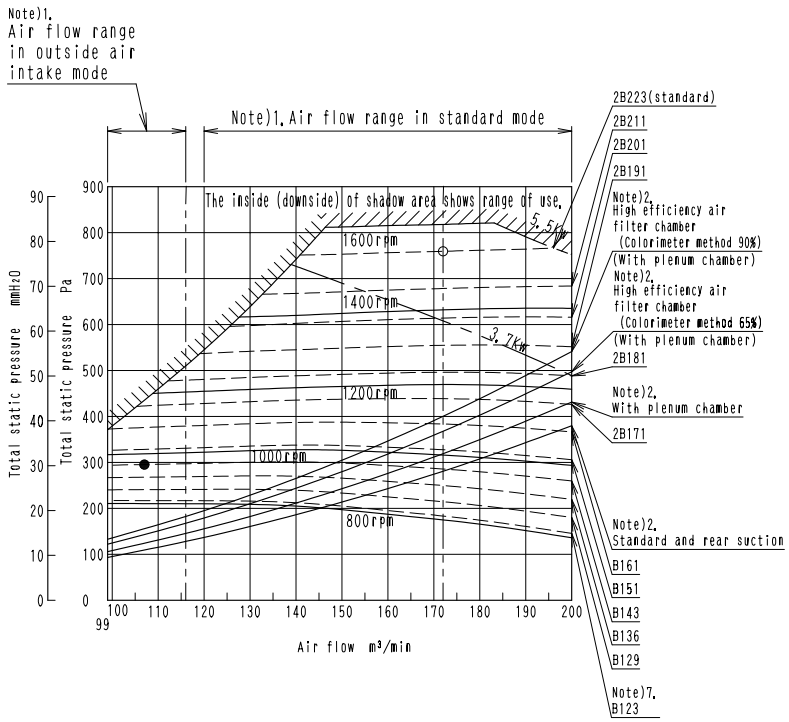
FXVQ500MY16



Fan maximum revolution speed	1600rpm
Standard motor output	5.5Kw
Standard fan pulley	2B211
Standard motor pulley	2B223
Standard belt size	B45

Note)1. Air flow range is different for each operation mode.
In outside air intake mode, air flow must be adjusted by change of pulley and set of damper etc.
2. Plenum chamber, rear suction and high efficiency air filter chamber are optional accessories.
3. "○" shows rated air flow in standard mode.
4. "●" shows rated air flow in outside air intake mode.
5. Motor shaft diameter···3.7kW:28
5.5kW:38
6. The distance between motor shaft and fan shaft is 247mm at nominal air flow.
7. Use low edge cogged belt in selection lower size motor than B129.

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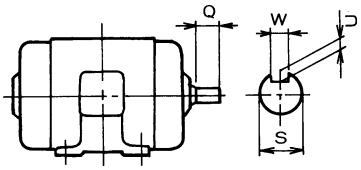
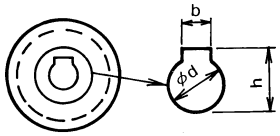
9.2 Fan Motor Specifications

Items				Rated motor output	0.75	1.5	2.2	3.7	5.5
Motor			1. Shaft outer diameter	ϕS	19	24	28	28	38
			2. Shaft length	Q	40	50	60	60	80
			3. Keyway width	W	6	8	8	8	10
			4. Keyway depth	U	3.5	4	4	4	5
			5. Insulation class		E	E	E	E	B
V Pulley	Type A and type B		1. Shaft hole diameter	ϕd	19	24	28	28	38
			2. Keyway	b	6	8	8	8	10
			3. Keyway height	h	21.5	27	31	31	41

9.3 How to Select Motor Pulley

1. Select the fan revolution speed by air flow rate and external static pressure.
2. Select Motor Pulley by Fan revolution speed.

$$D_1 = \frac{D_2 \times N_2}{N_1}$$

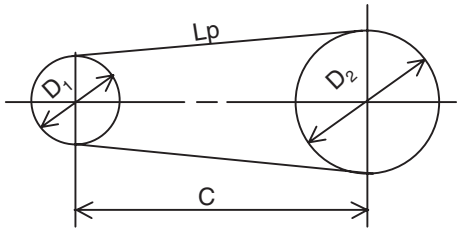
D_1: Pitch Diameter of Motor Pulley (mm)
D_2: Pitch Diameter of Fan Pulley (mm)
N_1: Revolution Speed of Fan Motor (rpm)
N_2: Fan Revolution Speed

Relation between outer diameter and pitch diameter of each Pulley are as follows:
A type (Pitch Diameter) = Outer Diameter of Pulley - 9mm
B type (Pitch Diameter) = Outer Diameter of Pulley - 11mm
Please use the value given for the fan motor revolution speed (4 pole).
50Hz.....1450 rpm
60Hz.....1750 rpm

■ **How to Select V belt**

When changing the motor pulley, the standard V belt may not be used.
In that case, select V belt in accordance with the following formula:

V-belt Size (Length)



$$Lp = 2C + 1.57 (D_1 + D_2) + \frac{(D_2 - D_1)^2}{4C}$$

Lp : Effective Center Periphery Length (mm)
D_1: Pitch Diameter of Motor Pulley (mm)
D_2: Pitch Diameter of Fan Pulley (mm)
C : Distance between the shafts of the pulleys (mm)

Note: The unit of V belt length (Nominal number) is usually shown in "inch".

■ **Distance between the shafts of the pulleys (C)**

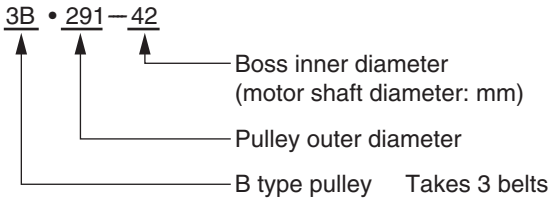
Unit: mm

50Hz	
FXVQ125MY1	332
FXVQ200MY1	331
FXVQ250MY1	340
FXVQ400MY1	228
FXVQ500MY1	232
FXVQ500MY16	247

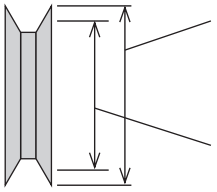
60Hz	
FXVQ125MTLT	332
FXVQ200MTLT	331
FXVQ250MTLT	340
FXVQ400MTLT	227
FXVQ500MTL	232

Refer to each **Fan Characteristics** drawing for the latest value.

■ **Pulley Specification**



The pulley makers give the pulley size using the pitch diameter, while Daikin uses the pulley outer diameter.



Pulley outer diameter
At Daikin, the outer diameter is used in pulley sizes.

Pitch Diameter (the actual diameter of the parts in contact with the belt)
The pulley makers often use the pitch diameter in pulley sizes.

When using air conditioners in duct connection, external static pressure and airflow rate will increase, exceeding the range of use for standard motors and pulleys. Therefore, it is necessary to change the motor or pulley to deal with this.

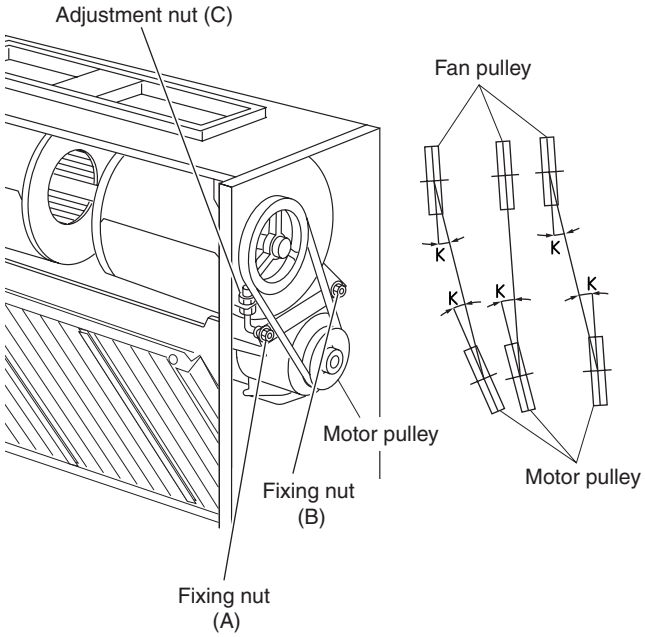
9.4 Pulley and Fan Belt Adjustment

Warning Be sure to wait 10 minutes or more after turning off all power supplies before disassembling work.

In case of FXVQ125 / 200 / 250M

Operating procedures

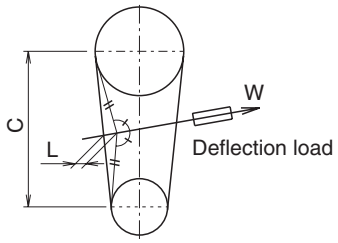
Following the installation manual, remove the front panel and others.



■ **Parallelism criteria (K)**
Less than 10 arc-minutes
(discrepancies of 3mm per 1m)

■ **Tension of V belt**

- Tension of a V belt must meet the deflection load (W) as shown.
  Calculate the required deflection length (L) by the equation (1), its tolerance must be within the range as below.



L= 0.016 × C (mm) ———————— (1)
C: Distance between the shafts of the pulleys (mm)

Model	V belt	Number of belts	Motor output (kW)	Motor pulley diameter (mm)	Deflection load W (N) per single V belt
FXVQ125-250	Type A	1	0.75	~99	9.0~9.9
		1	0.75	104~	12.0~13.2
		1	1.5	~115	14.8~16.3
		1	1.5, 2.2	121~	12.0~13.2

Note:

- When the new belt is used, adjust the tension to about 1.15 times the deflection load (W) shown above.
- When the belt has adopted to the pulley (after operating about 50 hours), adjust the tension to the load shown above.
  (Even if the adjustments are made on a new belt, check the load again as shown on the above table after the belt has adopted.)
- With or without replacing the pulley, check the deflection load when about 50 hours passed after the test operation.
- After replacing belt or pulley, conduct the test operation and check if there is no abnormal noise or vibration.

Refer to the JIS B 1854 (Pulley) and JIS K 6323 (V belt) for details. (JIS: Japanese Industrial Standards)

1. Take measurements

1) Measure the parallelism of the fan pulley and motor pulley.
2) Measure the tension of the fan belt.

2. Make adjustments

1) Sucure the pulley parallelism by adjustment of the motor pulley position and adjustment of fixing nuts (A) (B).
2) Adjust the fan belt tension with adjustment nut (C).

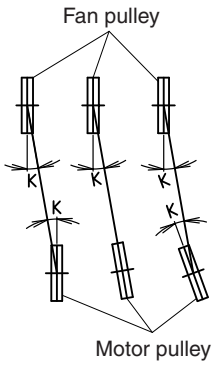
3. Perform checks

1) Check that the pulley parallelism and the fan belt tension are within the criteria.

In case of FXVQ400 / 500M

Operating procedures

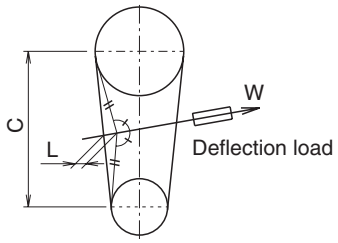
Following the installation manual, remove the front panel and others.



■ **Parallelism criteria (K)**
Less than 10"
(discrepancies of 3mm per 1m)

■ **Tension of V belt**

- Tension of a V belt must meet the deflection load (W) as shown.
  Calculate the required deflection length (L) by the equation (1), its tolerance must be within the range as below.



$L = 0.016 \times C$ (mm) ———— (1)
C: Distance between the shafts of the pulleys (mm)

Model	V belt	Number of belts	Motor output (kW)	Motor pulley diameter (mm)	Deflection load W (N) per single V belt
FXVQ400 / 500	Type B	1	2.2	Any size	19.0~20.9
		1	3.7	~136	30.0~33.0
		1	3.7	143~161	25.4~27.9
		1	3.7	171~	21.1~23.2
		2	3.7, 5.5	Any size	19.0~20.9

Note:

- When the new belt is used, adjust the tension to about 1.15 times the deflection load (W) shown above.
- When the belt has adopted to the pulley (after operating about 50 hours), adjust the tension to the load shown above.
  (Even if the adjustments are made on a new belt, check the load again as shown on the above table after the belt has adopted.)
- With or without replacing the pulley, check the deflection load when about 50 hours passed after the test operation.
- After replacing belt or pulley, conduct the test operation and check if there is no abnormal noise or vibration.

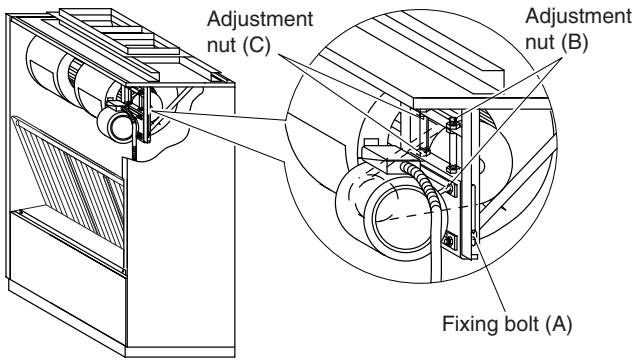
Refer to the JIS B 1854 (Pulley) and JIS K 6323 (V belt) for details. (JIS: Japanese Industrial Standards)

1. Take measurements

1) Measure the parallelism of the fan pulley and motor pulley.
2) Measure the tension of the fan belt.

2. Make adjustments

1) Secure the pulley parallelism by adjustment of the motor pulley position and adjustment of fixing bolt (A).
2) Adjust the fan belt tension by loosening fixing bolt (A) and using adjustment nut (B), (C).



3. Perform checks

1) Check that the pulley parallelism and the fan belt tension are within the criteria.

9.5 V Belt Size Table

Refer to the JIS K 6323 (V belt) for details. (JIS: Japanese Industrial Standards)

(Unit: mm)

Nominal number	Type A	Type B
20	508	—
21	533	—
22	559	—
23	584	—
24	610	—
25	635	635
26	660	660
27	686	686
28	711	711
29	737	737
30	762	762
31	787	787
32	813	813
33	838	838
34	864	864
35	889	889
36	914	914
37	940	940
38	965	965
39	991	991
40	1016	1016
41	1041	1041
42	1067	1067
43	1092	1092
44	1118	1118
45	1143	1143
46	1168	1168
47	1194	1194
48	1219	1219

Nominal number	Type A	Type B
49	1245	1245
50	1270	1270
51	1295	1295
52	1321	1321
53	1346	1346
54	1372	1372
55	1397	1397
56	1422	1422
57	1448	1448
58	1473	1473
59	1499	1499
60	1524	1524
61	1549	1549
62	1575	1575
63	1600	1600
64	1626	1626
65	1651	1651
66	1676	1676
67	1702	1702
68	1727	1727
69	1753	1753
70	1778	1778
71	1803	1803
72	1829	1829
73	1854	1854
74	1880	1880
75	1905	1905
76	1930	1930
77	1956	1956

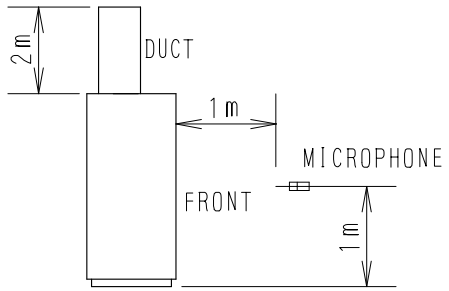
Nominal number	Type A	Type B
78	1981	1981
79	2007	2007
80	2032	2032
81	2057	2057
82	2083	2083
83	2108	2108
84	2134	2134
85	2159	2159
86	2184	2184
87	2210	2210
88	2235	2235
89	2261	2261
90	2286	2286
91	2311	2311
92	2337	2337
93	2362	2362
94	2388	2388
95	2413	2413
96	2438	2438
97	2464	2464
98	2489	2489
99	2515	2515
100	2540	2540
102	2591	2591
105	2667	2667
108	2743	2743
110	2794	2794
112	2845	2845
115	2921	2921

Nominal number	Type A	Type B
118	2997	2997
120	3048	3048
122	3099	3099
125	3175	3175
128	3251	3251
130	3302	3302
132	—	3353
135	3429	3429
138	—	3505
140	3556	3556
142	—	—
145	3683	3683
148	—	—
150	3810	3810
155	3937	3937
160	4064	4064
165	4191	4191
170	4318	4318
175	—	4445
180	4572	4572
185	—	4699
190	—	4826
195	—	4953
200	—	5080
210	—	5334

10. Sound Levels

Overall

Location of microphone (for sound pressure level)



Notes:

1. The operating conditions are assumed to be standard (JIS conditions).
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipment installed.

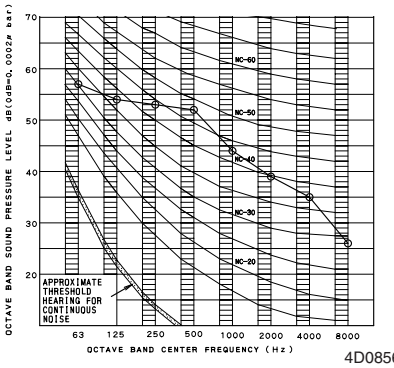
dB(A)

Model	Sound pressure level
	380-415V, 50Hz
FXVQ125MY1	52
FXVQ200MY1	55
FXVQ250MY1	59
FXVQ400MY1	64
FXVQ500MY1	61
FXVQ500MY16	67

Octave Band Level

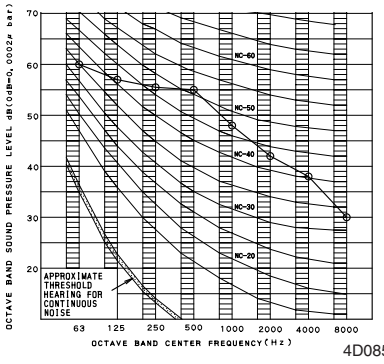
○——○ 380-415V, 50Hz

FXVQ125MY1



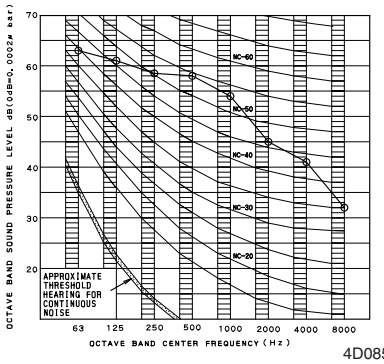
4D085651

FXVQ200MY1



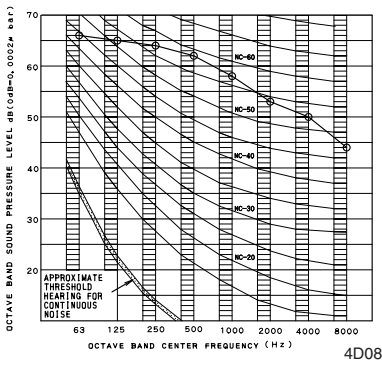
4D085652

FXVQ250MY1



4D085653

FXVQ400MY1



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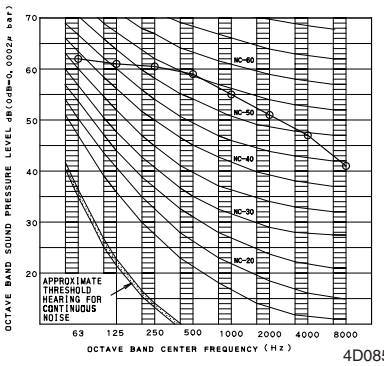
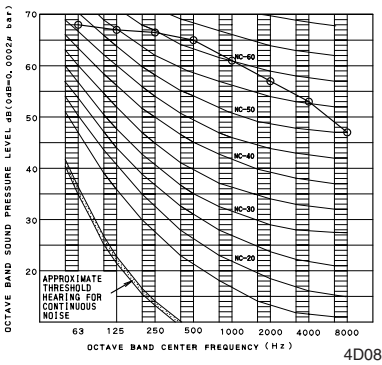
FXVQ500MY1



4D085655

FXVQ500MY16



4D085656

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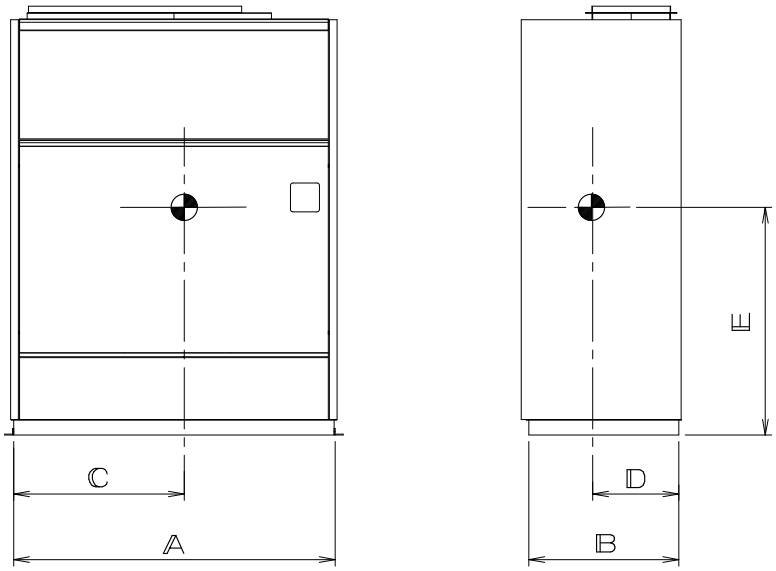
11. Centre of Gravity

FXVQ125MY1 / FXVQ200MY1 / FXVQ250MY1 / FXVQ400MY1 / FXVQ500MY1 / FXVQ500MY16

Unit (mm)



MODEL NAME	A	B	C	D	E
FXVQ125MY1	722	475	375	260	800
FXVQ200MY1	922	475	480	260	800
FXVQ250MY1	1142	475	590	260	800
FXVQ400MY1	1143	676	615	370	1010
FXVQ500MY1	1443	676	740	360	980
FXVQ500MY16	1443	676	765	375	1025

4D085650

12. Accessories

12.1 Optional Accessories (for Unit)

Item \ Model					FXVQ125MY1	FXVQ200MY1	FXVQ250MY1	FXVQ400MY1	FXVQ500MY1	FXVQ500MY16
Option for discharge and suction	Replacement long life filter				KAFJ261L140	KAFJ261L224	KAFJ261L280	KAFJ261M450	KAFJ261M560	
	Ultra long-life filter				—			KAFSJ9A400	KAFSJ9A560	
	Front suction filter chamber for high-efficiency filter	Front suction base flange			KD-9A140	KD-9A200	KD-9A280	KD-9A400	KD-9A500	
		Suction grille			KDGF-9A140	KDGF-9A200	KDGF-9A280	KDGF-9A400	KDGF-9A500	
		Filter chamber for high-efficiency filter ★1, 2	Replacement long-life filter ★1, 2, 3		KAF-91A140	KAF-91A200	KAF-91A280	KAF-91A400	KAF-91A500	
			Replacement high-efficiency filter	Colorimetric method 65% ★1, 3	KAF-92A140	KAF-92A200	KAF-92A280	KAF-92A400	KAF-92A500	
				Colorimetric method 90% ★2, 3	KAF-93A140	KAF-93A200	KAF-93A280	KAF-93A400	KAF-93A500	
			Filter chamber ★1, 2		KDDF-9A140	KDDF-9A200	KDDF-9A280	KDDF-9A400	KDDF-9A500	
	Prenum chamber				KPCJ140A	KPC5J	KPC8J	KPCJ400A	KPC15JA	
	Pully for plenum chamber				KPP8JA	KPP9JA	KPP10JA	—★4		
	Discharge grill for plenum side				KD101A10			KD101A20		
	Fresh air intake kit				KD106D10			KDFJ906A560		
	Rear suction kit				KDFJ905A140	KDFJ905A200	KDFJ905A280	KDFJ905A400	KDFJ905A560	
Wood base					KKWJ9A140	KWF1G5P	KWF1G8P	KKWJ9A400	KWF1G15	
Vibration isolating frame					K-ABSG1406A	K-ABSG1407A	K-ABSG1408A	K-ABSG1409A	K-ABSG1410A	

C: 3D085669C

Notes:

★1. When ordering a filter chamber for high-efficiency filter (colorimetric method 65%), please order with all the respective parts.

★2. When ordering a filter chamber for high-efficiency filter (colorimetric method 90%), please order with all the respective parts.

★3. When replacing with a new filter, please order the replacement filters with the corresponding filter model name.

★4. The pulley and V belt are fileld supply.

	Specification	
	Pulley	V belt
FXVQ400MY1	B151	B40
FXVQ500MY1	B143	B39
FXVQ500MY16	B143	B40

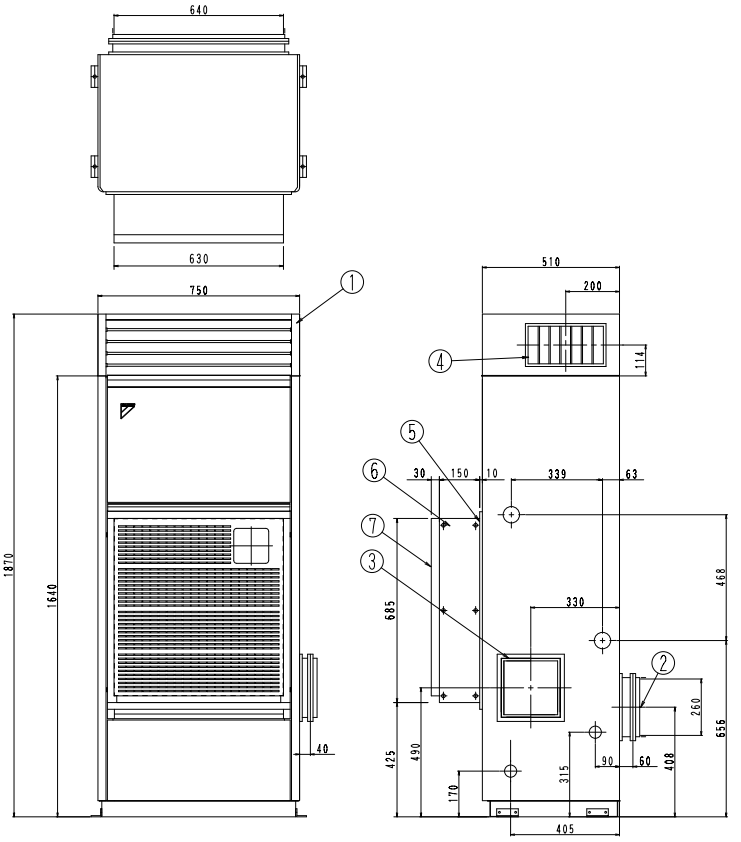
12.2 Optional Accessories (for Control)

Refer to page 728.

13. Dimensions of Optional Accessories

FXVQ125MY1

Unit (mm)



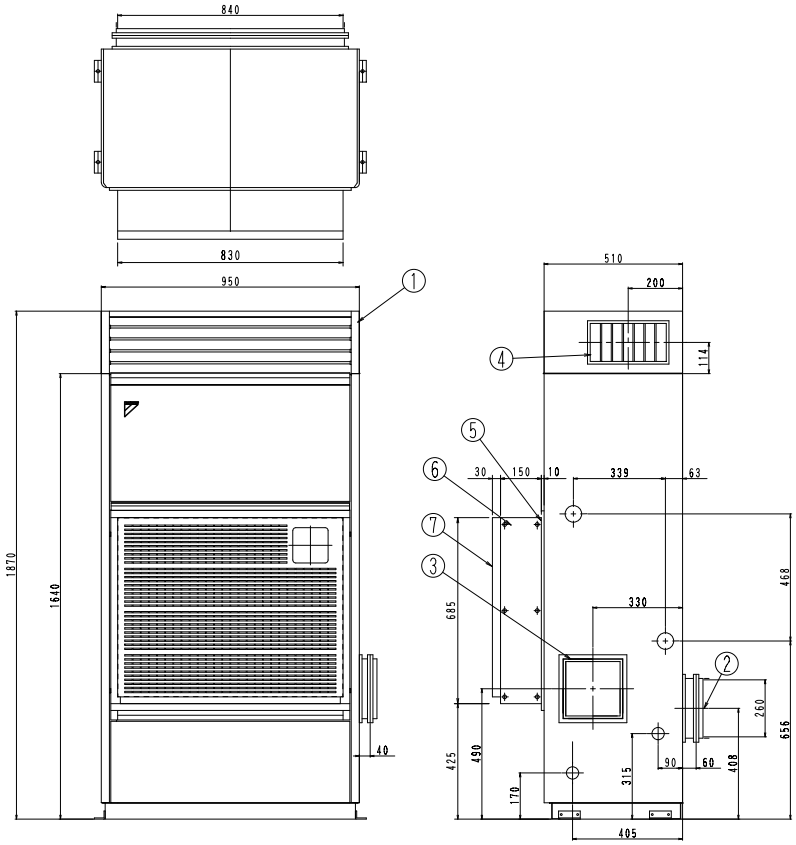
NOTE)1. FOR③, ④IT IS ABLE TO BE CONNECTED TO BOTH SIDE(RIGHT AND LEFT).

ITEM	PART NAME	REMARK
7	SUCTION GRILLE	
6	FILTER CHAMBER FOR HIGH EFFICIENCY FILTER	
5	FRONT SUCTION BASE FLANGE	
4	DISCHAGE GRILL FOR PRENUM SIDE	
3	CONNECTION PORT WITH FLESH AIR INTAKE DUCT	
2	CONNECTION PORT WITH REAR SUCTION DUCT	
1	PLENUM CHAMBER	

3D083638A

FXVQ200MY1

Unit (mm)



NOTE)1. FOR③, ④IT IS ABLE TO BE CONNECTED TO BOTH SIDE(RIGHT AND LEFT).

ITEM	PART NAME	REMARK
7	SUCTION GRILLE	
6	FILTER CHAMBER FOR HIGH EFFICIENCY FILTER	
5	FRONT SUCTION BASE FLANGE	
4	DISCHAGE GRILL FOR PRENUM SIDE	
3	CONNECTION PORT WITH FLESH AIR INTAKE DUCT	
2	CONNECTION PORT WITH REAR SUCTION DUCT	
1	PLENUM CHAMBER	

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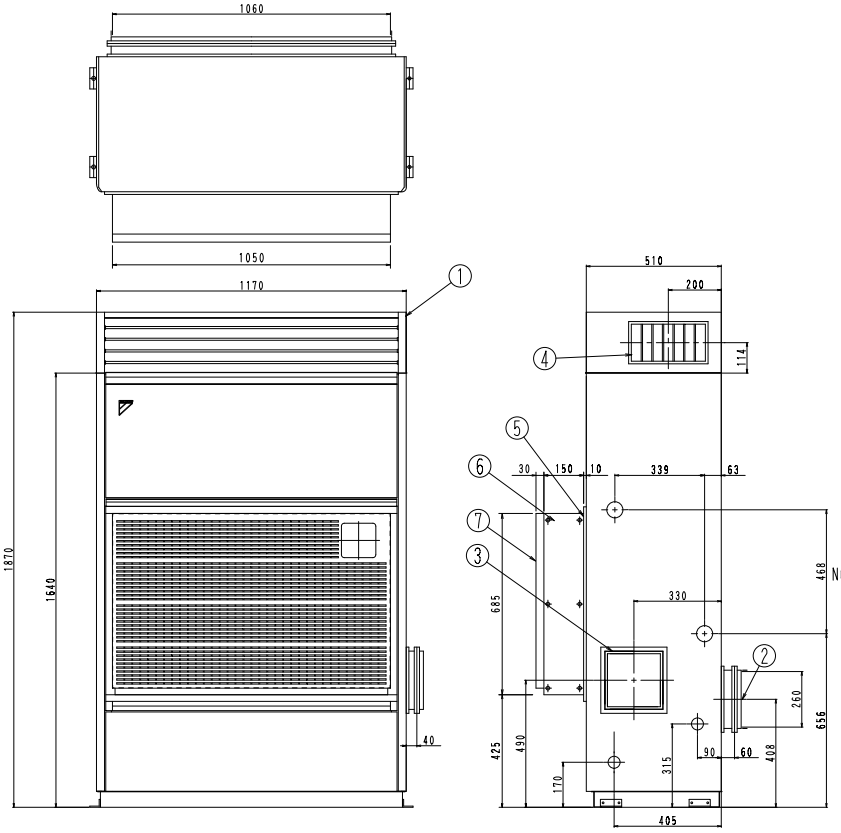
FXVQ250MY1

Unit (mm)



NOTE)1. FOR③, ④IT IS ABLE TO BE CONNECTED TO BOTH SIDE(RIGHT AND LEFT).

ITEM	PART NAME	REMARK
7	SUCTION GRILLE	
6	FILTER CHAMBER FOR HIGH EFFICIENCY FILTER	
5	FRONT SUCTION BASE FLANGE	
4	DISCHAGE GRILL FOR PRENUM SIDE	
3	CONNECTION PORT WITH FLESH AIR INTAKE DUCT	
2	CONNECTION PORT WITH REAR SUCTION DUCT	
1	PLENUM CHAMBER	

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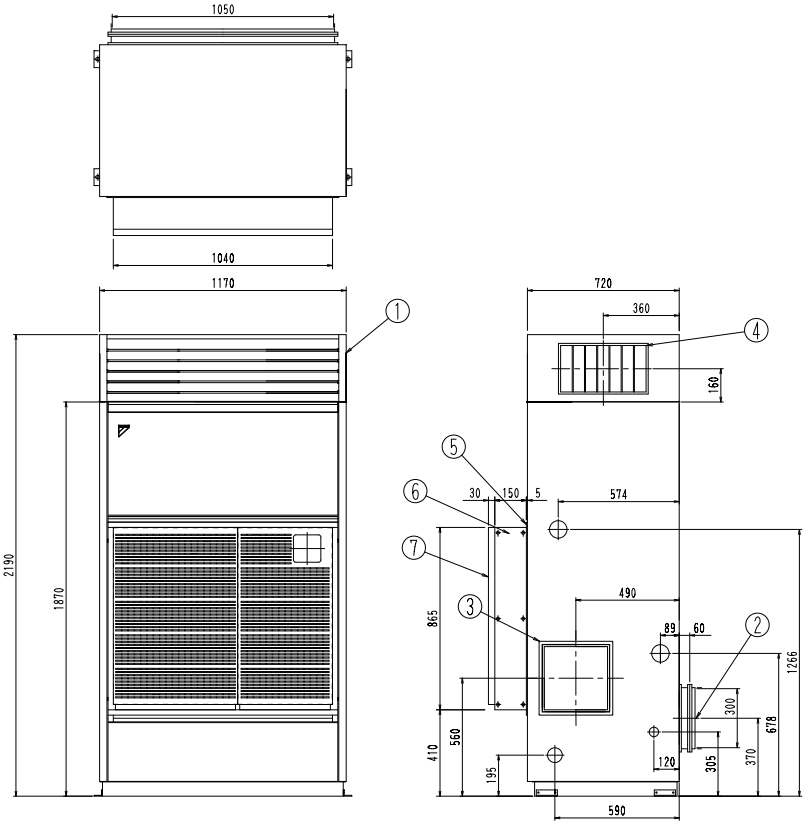
FXVQ400MY1

Unit (mm)



NOTE)1. FOR③, ④IT IS ABLE TO BE CONNECTED TO BOTH SIDE(RIGHT AND LEFT).

ITEM	PART NAME	REMARK
7	SUCTION GRILLE	
6	FILTER CHAMBER FOR HIGH EFFICIENCY FILTER	
5	FRONT SUCTION BASE FLANGE	
4	DISCHAGE GRILL FOR PRENUM SIDE	
3	CONNECTION PORT WITH FLESH AIR INTAKE DUCT	
2	CONNECTION PORT WITH REAR SUCTION DUCT	
1	PLENUM CHAMBER	

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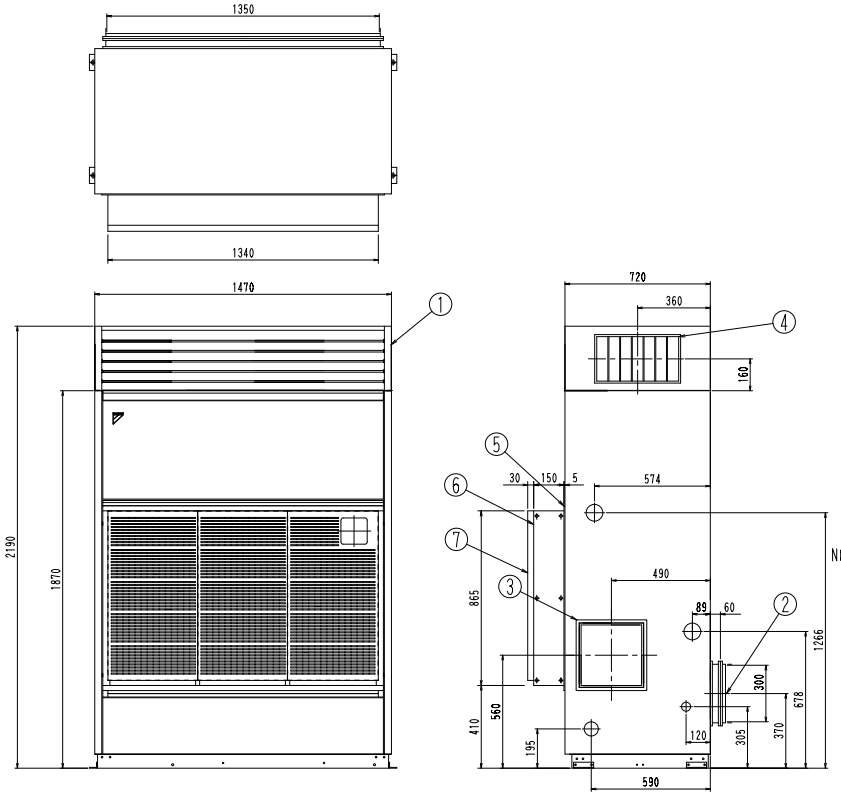
FXVQ500MY1 / FXVQ500MY16

Unit (mm)



NOTE)1. FOR③, ④IT IS ABLE TO BE CONNECTED TO BOTH SIDE(RIGHT AND LEFT).

ITEM	PART NAME	REMARK
7	SUCTION GRILLE	
6	FILTER CHAMBER FOR HIGH EFFICIENCY FILTER	
5	FRONT SUCTION BASE FLANGE	
4	DISCHAGE GRILL FOR PRENUM SIDE	
3	CONNECTION PORT WITH FLESH AIR INTAKE DUCT	
2	CONNECTION PORT WITH REAR SUCTION DUCT	
1	PLENUM CHAMBER	

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14. Data and Notice in Using the Outdoor-Air Processing Mode

■ **The FXVQ-series can be modified to the following operation mode.**

- Outdoor air processing mode

It supports cooling and heating operations by introducing outdoor air.

(In this outdoor-air processing mode, you cannot control the room temperature.
If you need to do so, please use this mode with another air conditioning unit for room temperature control.)

- The combination with an outdoor unit is limited to one indoor unit and one set of outdoor unit (including multiple connection of outdoor units). The connection of multiple floor standing duct units is prohibited. Connection of floor standing duct units and other type of indoor units mixed together is prohibited.
- When the outdoor-air processing mode is selected, the airflow range is limited. If the airflow exceeds the specified range, the product may stop abnormally. On the other hand, if the airflow falls below the specified range, the equipment reliability may decrease. For details, please see the "■ Airflow range" section.
- When the outdoor-air processing mode is selected, the machine controls the operation so that the temperature of the discharge air becomes closer to the preset temperature of the control panel. However, if the air-conditioning load is too large or too small, the discharge air temperature may not become closer to the preset temperature.

■ **Airflow range**

Please set the airflow according to each operation mode. When selecting a pulley, please see "Fan characteristics (For Pully Selection)".

Operation mode	Airflow range (m^3/min); The value in ( ) is the rated airflow.					
	FXVQ125MY1	FXVQ200MY1	FXVQ250MY1	FXVQ400MY1	FXVQ500MY1	FXVQ500MY16
Standard operation mode	28 - 50 (43)	42 - 76 (69)	63 - 96 (86)	80 - 144 (134)	120 - 200 (165)	120 - 200 (172)
Outdoor-air processing mode	25 - 29 (27)	38 - 44 (41)	48 - 56 (52)	72 - 85 (78)	99 - 116 (107)	99 - 116 (107)

■ **Option models of the rear side air inlet**

When outdoor air is taken in from the rear side of the indoor unit in the outdoor-air processing mode, please prepare the following option (Rear Suction Kit). For the shape and external dimension for the main unit attachment of this kit, please see "Detail of Optional Accessories". Please remove the air inlet protection gauze of the main unit when attaching a front shield plate.

	FXVQ125MY1	FXVQ200MY1	FXVQ250MY1	FXVQ400MY1	FXVQ500MY1	FXVQ500MY16
Option model name	KDFJ905A140	KDFJ905A200	KDFJ905A280	KDFJ905A400	KDFJ905A560	KDFJ905A560

■ **Temperature setting range**

The temperature you can set varies in each operation mode.

Operation mode	Cooling	Heating
Standard operation mode	15 - 32°C	15 - 32°C
Outdoor-air processing mode	15 - 27°C(controlled by the discharge air temperature)	18 - 35°C(controlled by the discharge air temperature)

Note: The setting is not available in the fan operation mode.

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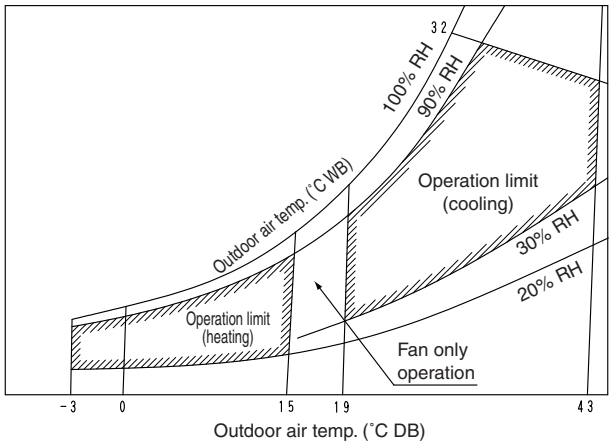
■ **Operation limits**



Notes) 1. This diagram shows operation limits under the following conditions:
Indoor/Outdoor units - Equivalent piping length: 7.5 m
Level difference : 0 m
2. Field settings and airflow rate should be changed from the control panel.
(The airflow rate range is limited.)
3. Use the unit at indoor and outdoor air temperatures within the operation limits.
(Using the unit at temperatures outside the operation limit may cause it to malfunction or abnormal stop.)
4. Discharge air temperature can be set from the control panel, but may not reach the set temperature depending on outdoor air conditions or equipment protection control. (Particularly in heating operation, discharge air temperature may come close to room temperature and make you feel cold.)
5. Room temperature cannot be controlled while in outdoor-air processing mode. If room temperature needs to be controlled, use other room temperature control air conditioner in combination.

■ **Field settings**

[In case of *VRV* IV]

Be sure to set from both **(a) Field settings from the indoor unit** and **(b) Field settings from the outdoor unit**.

(a) Field settings from the indoor unit

You need to configure the settings by the control panel of the indoor unit to change the operation mode.
Please configure the settings as shown below after completing test run.
Please also see the installation manual of the indoor unit for the setting method.

Operation mode	Mode No.	Setting switch No.	Setting position No.
Standard operation mode	14	8	01
Outdoor-air processing mode			03

(b) Field settings from the outdoor unit

Perform field settings with push button switch (BS1-3) on the Printed Circuit Board in the Electric Component Box.
After finishing check operation, set up according to following procedure.
As to setting method, refer to the paragraph of Field Setting in the installation manual of the outdoor unit as well.

Procedure of outdoor-air processing mode setting	Details of setting	7 Segment display		
		SEG1	SEG2	SEG3
1. Push the new page button (BS1) for 5 seconds in normal mode. Confirm that 7 segment display is same as the figure shown in the right.	Switched to Setting mode.	2	0	0
2. Push the operation button (BS2) and adjust the 7 segment display to the figure shown in the right.	"Outdoor-air processing mode"	2	9	3
3. Push the confirmation button (BS3).		The present settings of [4.] will be indicated.		
4. Push the operation button (BS2) and adjust the 7 segment display to the figure shown in the right.	"Invalid" (factory set)	light off	light off	0
	"Valid"	light off	light off	1
5. Push the confirmation button (BS3).	The setting in [4.] is defined.	It will turn to light ON.		
6. Push the confirmation button (BS3) again.	The system starts the operation according to the setting.	2	0	0
7. Push the new page button (BS1).	Returned to Normal mode.	light off	light off	light off

[In case of *VRV* III]

Set from **(a) Field settings from the indoor unit** only.

(a) Field settings from the indoor unit

You need to configure the settings by the control panel of the indoor unit to change the operation mode.
Please configure the settings as shown below after completing test run.
Please also see the installation manual of the indoor unit for the setting method.

Operation mode	Mode No.	Setting switch No.	Setting position No.
Standard operation mode	14	8	01
Outdoor-air processing mode			03

■ **Specification table (outdoor-air processing mode)**

Model name			FXVQ125MY1	FXVQ200MY1	FXVQ250MY1	FXVQ400MY1	FXVQ500MY1	FXVQ500MY16
Cooling capacity ★1		kW	16.8	26.8	33.5	53.6	67.0	67.0
Heating capacity ★2		kW	14.0	22.4	28.0	45.0	56.0	56.0
Fan	Airflow rate ★3	m^3/min	27	41	52	78	107	107
	External static pressure ★4	Pa	120	150	120	261	175	175

Notes: ★1. Indoor temperature: 33°CDB, 28°CWB / outdoor temperature: 33°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.

★2. Indoor temperature: 7°CDB / outdoor temperature: 7°CDB, 3°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.

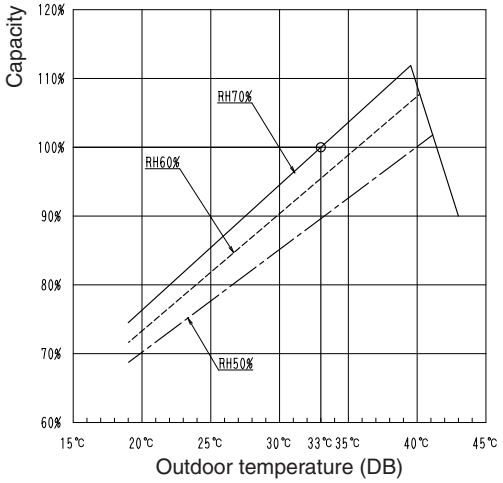
★3. This product is shipped with the airflow set to the standard mode. When introducing outdoor air (outdoor-air processing mode), please make sure to adjust the airflow by conducting field settings from the control panel, changing the pulley, or installing dampers. If not adjusting the airflow, the airflow would still be set to the standard mode and therefore you might feel cold when heating or feel hot when cooling.

★4. The value is the external static pressure with standard pulley.

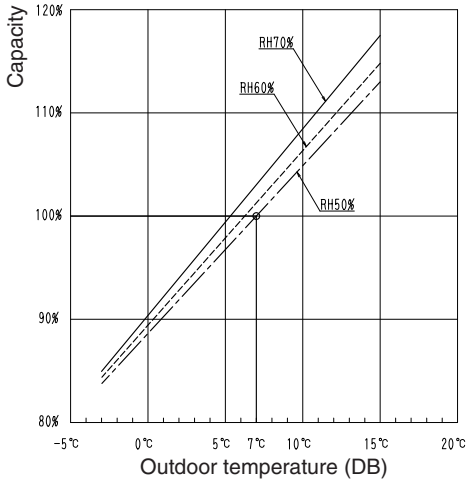
■ **Capacity characteristics**

Capacity characteristics (outdoor-air processing mode)

Cooling



Heating



Note) 1. The characteristics in this chart indicates values under the following conditions.

Equivalent piping length	: 7.5 m
Level difference	: 0.0 m
Airflow rate	: Rated
Static pressure	: Rated
Gas pipe	: Below table

Gas pipe diameter	Model name
ϕ15.9	125 Type
ϕ19.1	200 Type
ϕ22.2	250 Type
ϕ28.6	400 · 500 Type

2. ○ mark represents a rated point. Please read the value multiplied by the capacity in the specification.
3. The capacity characteristics at heating does not include capacity changes at frost accumulation (including defrosting operation).
4. The blowing air temperature may not become the preset temperature of the control panel due to capacity shortage, compressor control range or protection control for excessive capacity.
(Especially in the heating operation, you might feel cold as the discharge air temperature becomes closer to the room temperature.)
5. Since you cannot control the room temperature in the outdoor-air processing mode, please use another air-conditioning unit for room temperature control together if you need to adjust the room temperature.

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Part 3 FXMQ-MF Outdoor-Air Processing Unit

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1. Specifications

Model				FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
Power Supply				1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz
★1 ★2 Cooling Capacity			kcal/h	12,000	19,300	24,100
			Btu/h	47,800	76,400	95,500
			kW	14.0	22.4	28.0
Casing				Galvanized Steel Plate	Galvanized Steel Plate	Galvanized Steel Plate
Dimensions: (H×W×D)			mm	470×744×1,100	470×1,380×1,100	470×1,380×1,100
Coil (Cross Fin Coil)	Rows×Stages×Fin Pitch		mm	3×26×2.0	3×26×2.0	3×26×2.0
	Face Area		m²	0.28	0.65	0.65
Fan	Model			D13/4G2DA1	D13/4G2DA1	D13/4G2DA1
	Type			Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output × Number of Units		W	380×1	380×1	380×1
	Airflow Rate (H/L)		m³/min	18	28	35
			l/s	300	466	583
			cfm	635	988	1,236
	External Static Pressure	220V, 50Hz	Pa	185	225	205
		240V, 50Hz		225	275	255
	Drive			Direct Drive	Direct Drive	Direct Drive
Temperature Control				Microprocessor Thermostat for Cooling and Heating	Microprocessor Thermostat for Cooling and Heating	Microprocessor Thermostat for Cooling and Heating
Sound Absorbing Thermal Insulation Material				Glass Fiber	Glass Fiber	Glass Fiber
Air Filter				★3	★3	★3
Piping Connections	Liquid Pipes		mm	ϕ9.5 (Flare Connection)	ϕ9.5 (Flare Connection)	ϕ9.5 (Flare Connection)
	Gas Pipes		mm	ϕ15.9 (Flare Connection)	ϕ19.1 (Brazing Connection)	ϕ22.2 (Brazing Connection)
	Drain Pipe		mm	PS1B (female thread)	PS1B (female thread)	PS1B (female thread)
Mass			kg	86	123	123
Sound Pressure Level ★4		220V, 50Hz	dB(A)	42	47	47
		240V, 50Hz		43	48	48
Safety Devices				Fuse. Thermal Protector for Fan Motor.	Fuse. Thermal Protector for Fan Motor.	Fuse. Thermal Protector for Fan Motor.
Refrigerant Control				Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories				Operation Manual. Installation Manual. Sealing Pads. Screws. Clamps.	Operation Manual. Installation Manual. Sealing Pads. Connection Pipes. Screws. Clamps.	Operation Manual. Installation Manual. Sealing Pads. Connection Pipes. Screws. Clamps.
Drawing No.				C: 3D046147B	C: 3D046147B	C: 3D046147B

Notes:

★1. Nominal cooling capacities are based on the following conditions:
Outdoor temperature: 33°CDB, 28°CWB (68% RH)
Discharge set temp.: 18°CDB
Equivalent ref. piping: 7.5m (Horizontal)
★2. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
★3. Air filter is not standard accessory, but please mount it in the duct system of the suction side.
Select its dust collection efficiency (gravity method) 50% or more.
★4. Anechoic chamber conversion value, measured at a point 1.5m downward from the unit centre.
These values are normally somewhat higher during actual operation as a result of ambient conditions.
5. Refer to **Electric Characteristics** for the power input.

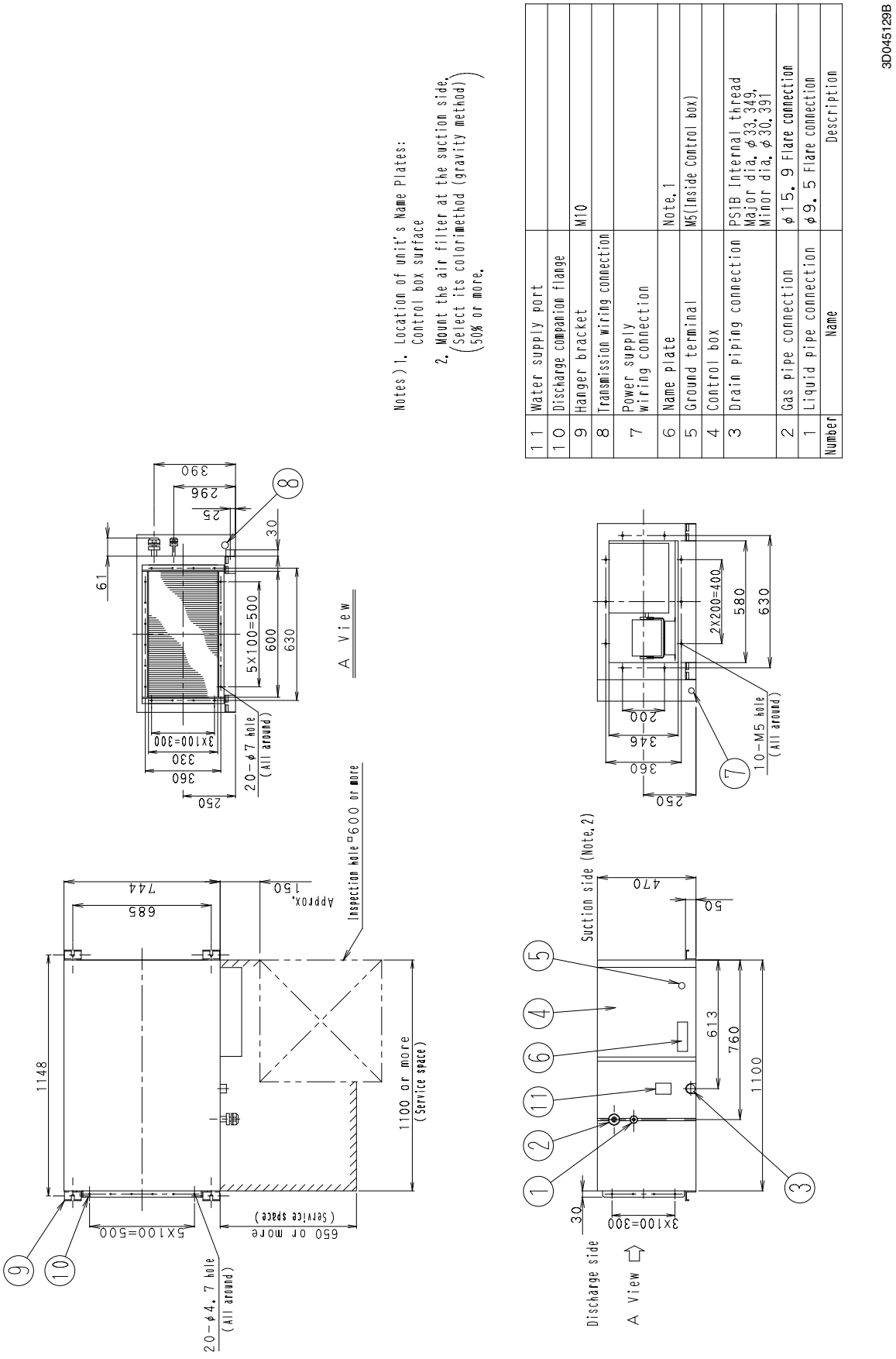
Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

2. Dimensions

2.1 Indoor Units

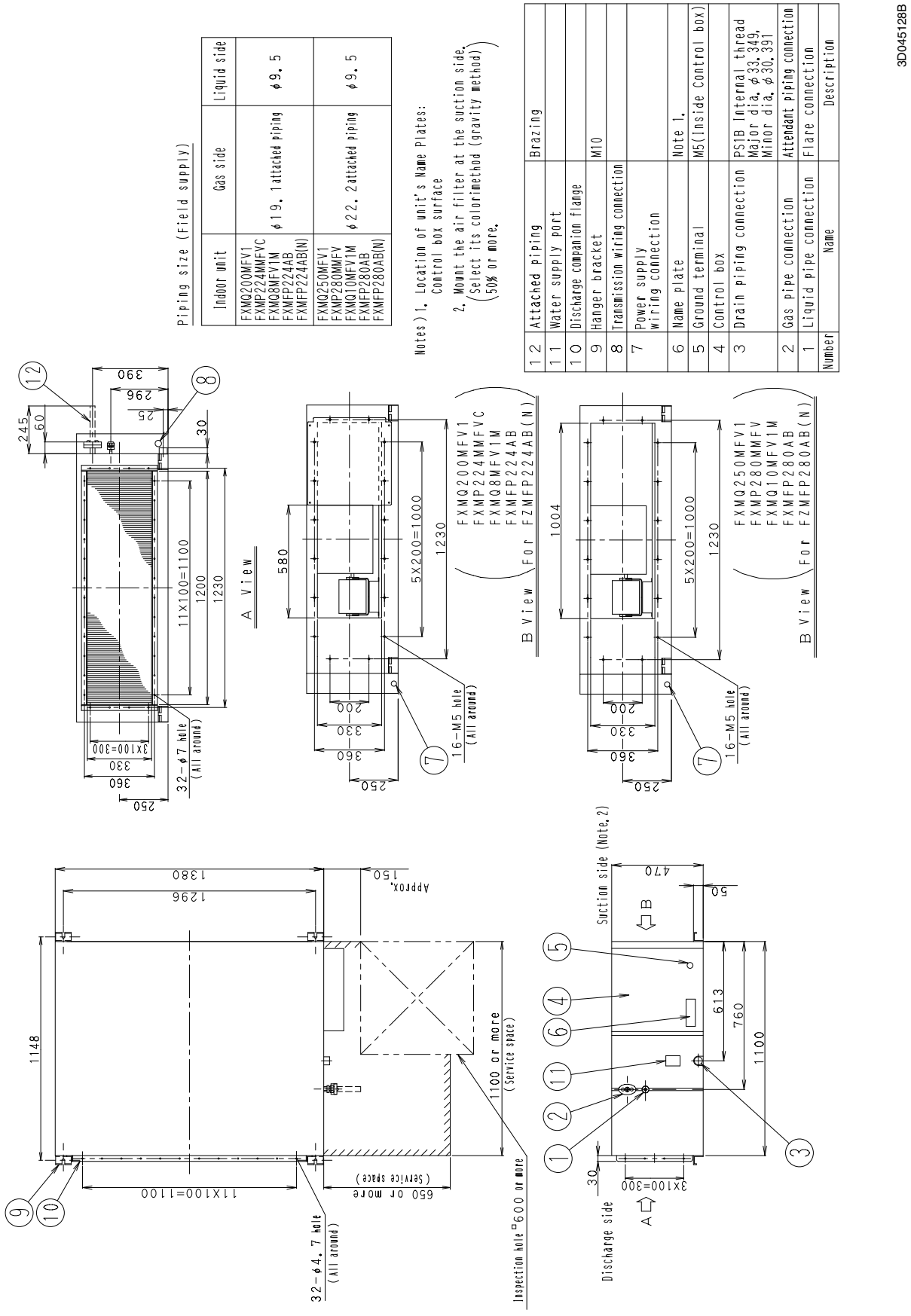
FXMQ125MFV1

Unit (mm)



FXMQ200MFV1 / FXMQ250MFV1

Unit (mm)



2.2 Dimensions with Option

FXMQ125MFV1

Unit (mm)

Number	Name	Description
8	Drain hose	Attached to Drain pump kit
7	Water supply port	
6	Drain pipe connection (drain pump kit)	VP25(O. D ϕ32, I. D ϕ25)
5	Drain pump kit	Built-in
4	Long-life replacement filter	
3	High-efficiency filter	
2	Filter chamber	
1	*VRV* D. P. Unit C. duct type	

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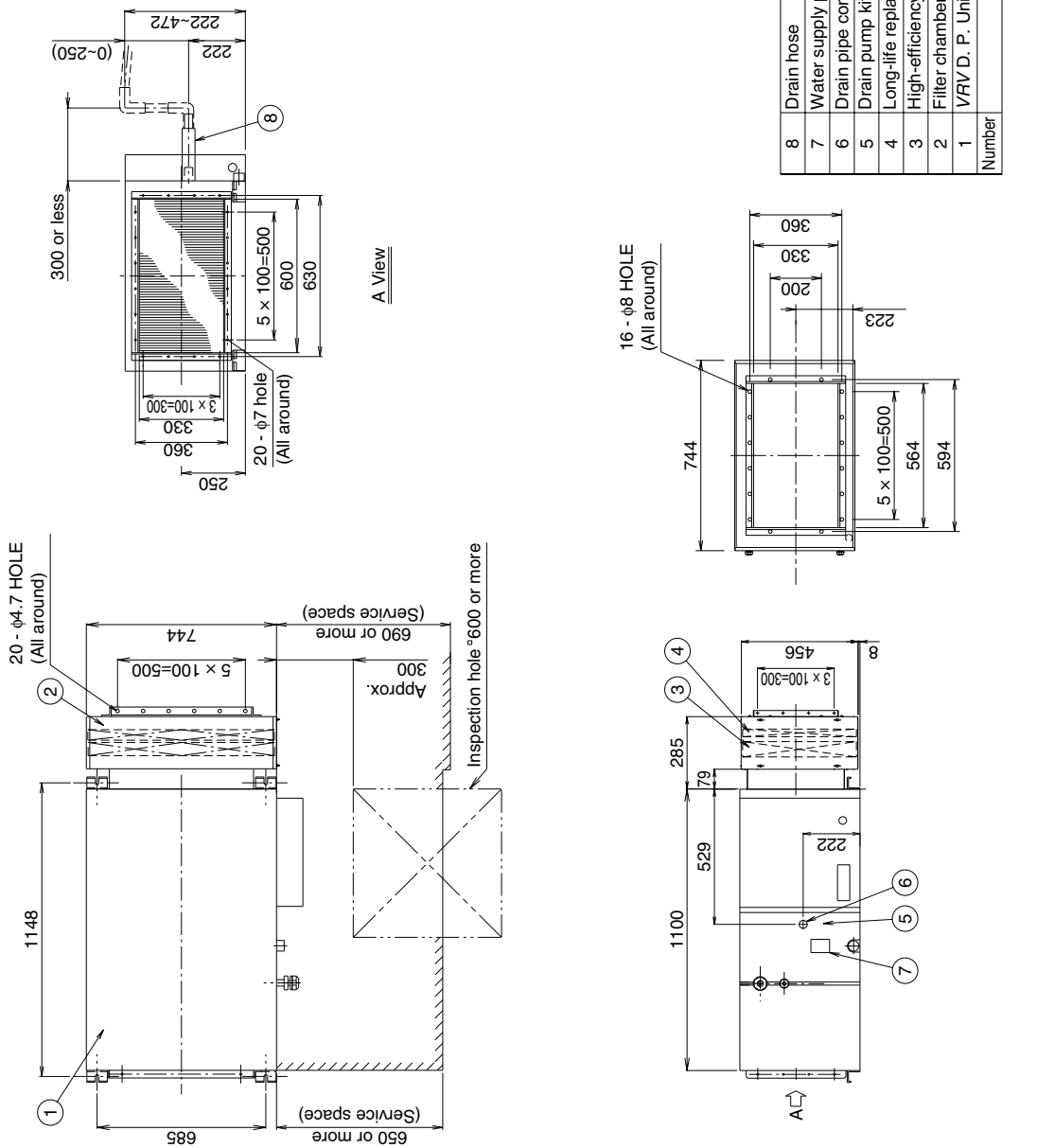

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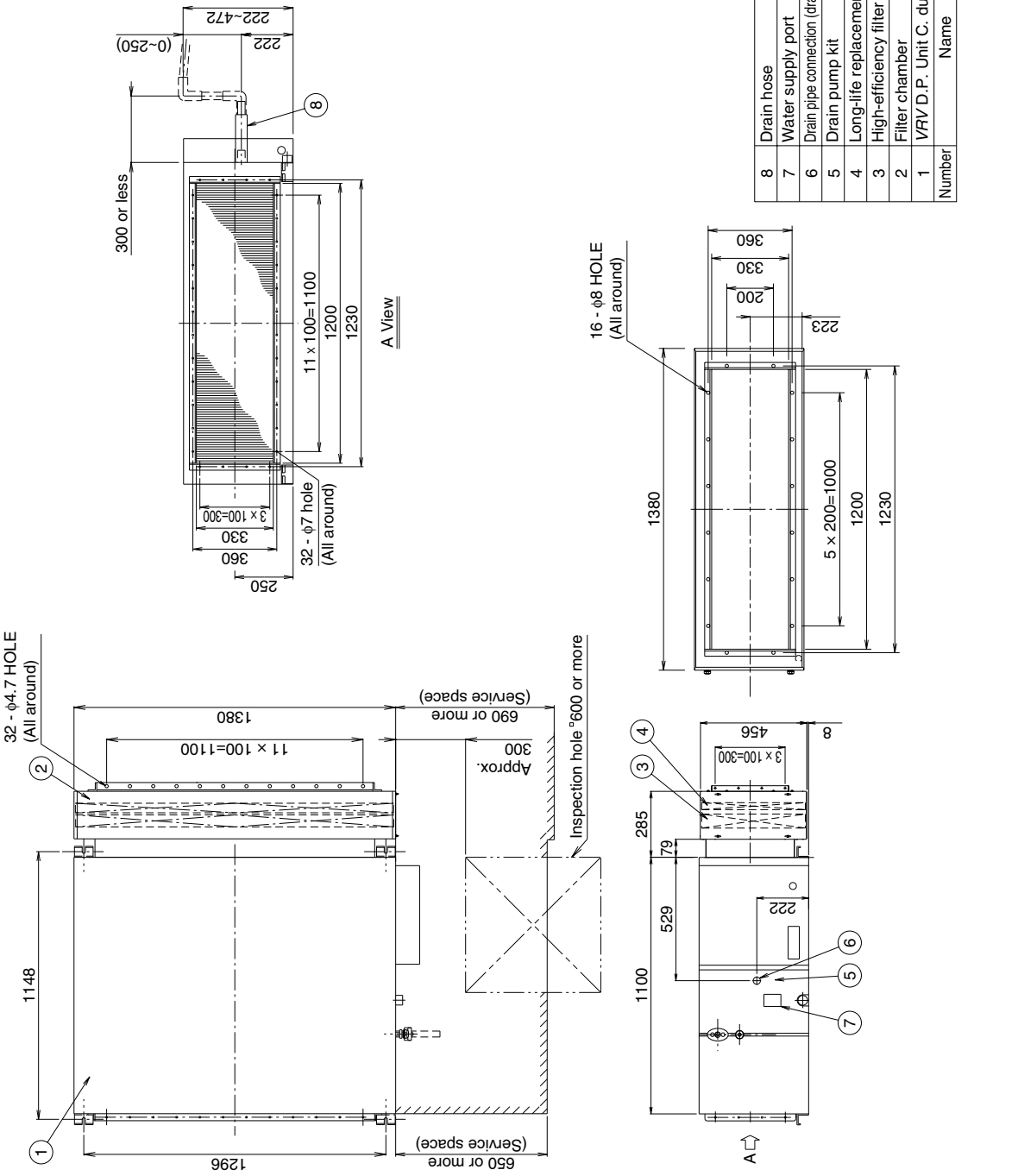
FXMQ200MFV1 / FXMQ250MFV1

Unit (mm)

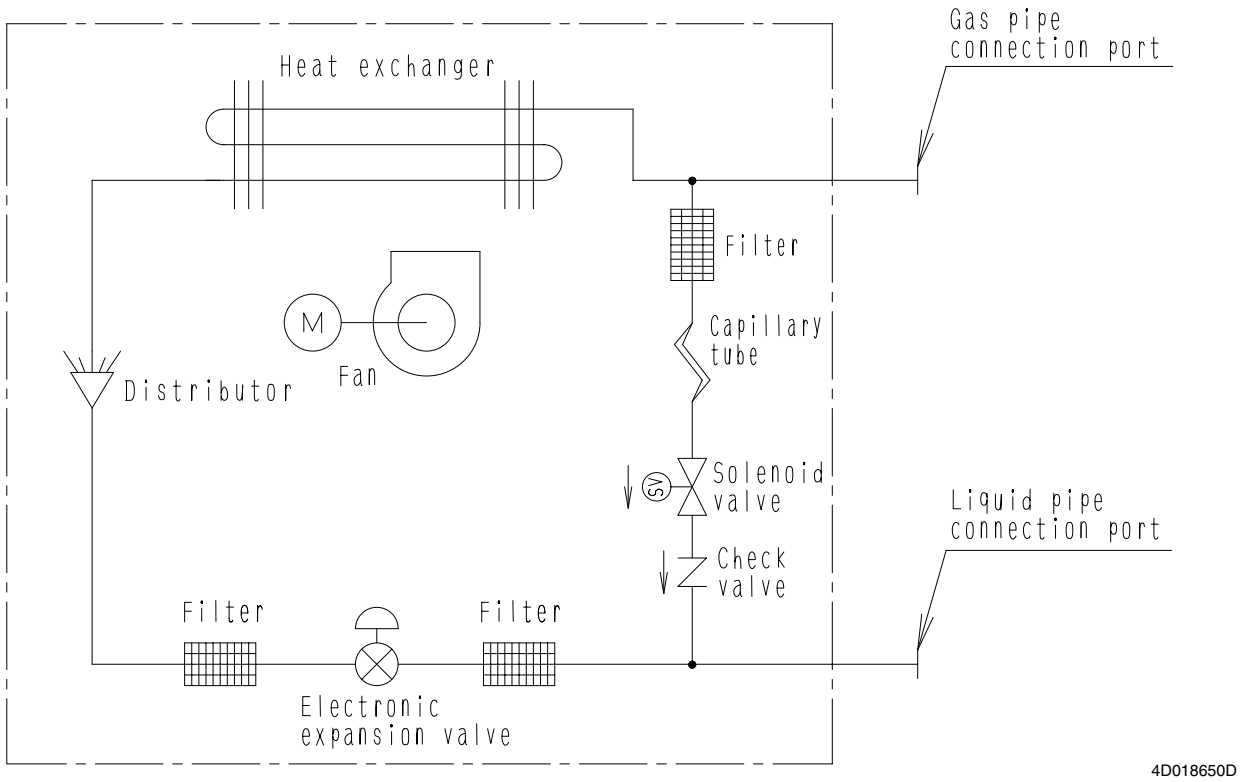
C: 3D046154

Number	Name	Description
1	*VRV* D.P. Unit C. duct type	
2	Filter chamber	
3	High-efficiency filter	
4	Long-life replacement filter	
5	Drain pump kit	Built-in
6	Drain pipe connection (drain pump kit)	VP25 (O. D ϕ32, I. D ϕ25)
7	Water supply port	
8	Drain hose	Attached to Drain pump kit



3. Piping Diagrams

FXMQ125MFV1 / FXMQ200MFV1 / FXMQ250MFV1



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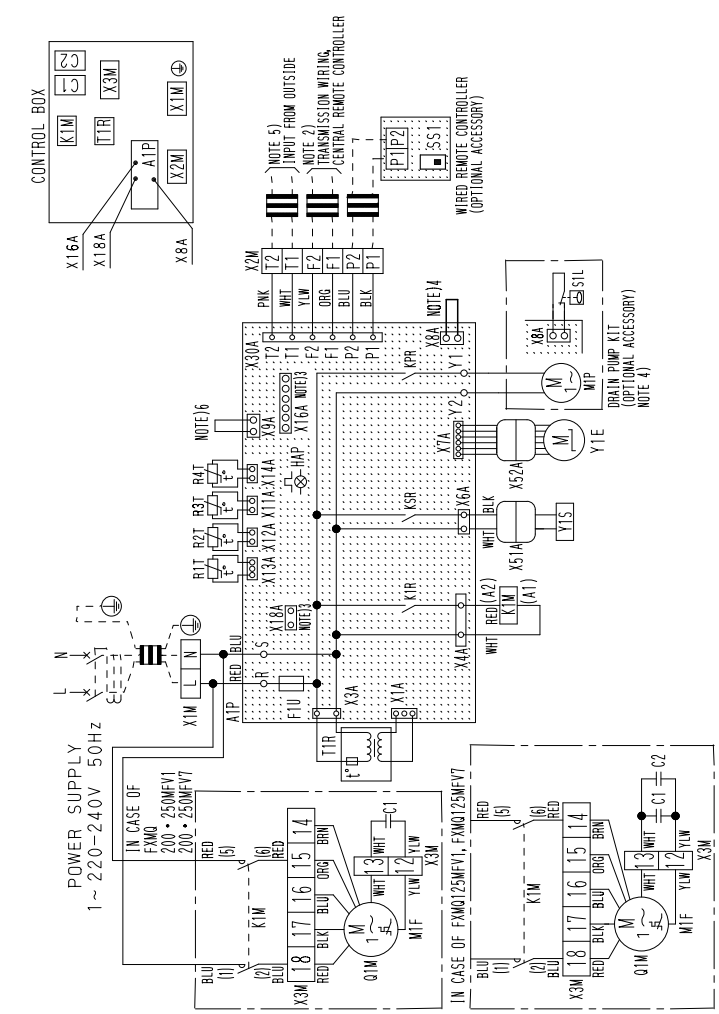
4. Wiring Diagrams

FXMQ125MFV1 / FXMQ200MFV1 / FXMQ250MFV1



INDOOR UNIT		X1M	TERMINAL BLOCK(POWER)
A1P	PRINTED CIRCUIT BOARD	X2M	TERMINAL BLOCK(CONTROL)
C1, C2	CAPACITOR(M1F)	X3M	TERMINAL BLOCK
F1U	FUSE(Ⓑ, 5A, 250V)(A1P)	X51A, X52A	CONNECTOR
HAP	LIGHT EMMITING DIODE (SERVICE MONITOR-GREEN)	Y1E	ELECTRIC EXPANSION VALVE
		Y1S	SOLENOID VALVE(HOT GAS)
K1M	MAGNETIC RELAY(M1F)	OPTIONAL PARTS	
K1R	MAGNETIC RELAY(M1F)		
KPR	MAGNETIC RELAY(M1P)	M1P	MOTOR(DRAIN PUMP)
KSR	MAGNETIC RELAY(Y1S)	S1L	FLOAT SWITCH(DRAIN PUMP)
M1F	MOTOR(FAN)		
Q1M	THERMAL PROTECTOR (M1F EMBEDDED 135℃)	WIRED REMOTE CONTROLLER	
		SS1	SELECT SWITCH(MAIN/SUB)
R1T	THERMISTOR(SUCTION AIR)	CONNECTOR FOR OPTIONAL PARTS	
R2T	THERMISTOR(COIL, LIQUID)		
R3T	THERMISTOR(COIL, GAS)	X16A	CONNECTOR(ADAPTOR FOR WIRING)
R4T	THERMISTOR(DISCHARGE AIR)		
T1R	TRANSFORMAR(220-240V/22V)	X18A	CONNECTOR(WIRING ADAPTOR FOR ELECTRICAL APPENDICES)

NOTES)
1. □□:TERMINAL BLOCK, ▭,▷—:CONNECTOR, —○—:TERMINAL, ■■:FIELD WIRING, ⏚:PROTECTIVE EARTH (SCREW)
   ▭:SHORT CIRCUIT CONNECTOR, ■■:FIELD WIRING, ⏚:PROTECTIVE EARTH (SCREW)
2. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
3. X16A AND X18A ARE CONNECTED WHEN THE OPTIONAL ACCESSORIES ARE BEING USED.
4. IN CASE INSTALLING THE DRAIN PUMP KIT, REMOVE THE SHORT CIRCUIT CONNECTOR OF X8A AND EXECUTE THE ADDITIONAL WIRING FOR FLOAT SWITCH AND DRAIN PUMP.
5. WHEN CONNECTING THE INPUT WIRES FROM OUTSIDE, FORCED OFF OR ON/OFF CONTROL OPERATION CAN BE SELECTED BY REMOTE CONTROLLER. IN DETAILS, REFER TO THE INSTALLATION MANUAL ATTACHED TO THE UNIT.
6. DO NOT REMOVE SHORT CIRCUIT CONNECTOR OF X9A.
7. SYMBOLS SHOW AS FOLLOWS; (PNK:PINK WHT:WHITE YLW:YELLOW ORG:ORANGE BLU:BLUE BLK:BLACK RED:RED BRN:BROWN)

5. Electric Characteristics

FXMQ125MFV1 / FXMQ200MFV1 / FXMQ250MFV1

Units				Power supply		IFM		Input(W)	
Model	Hz	Volts	Voltage range	MCA	MFA	KW	FLA	Cooling	Heating
FXMQ125MFV1	50	220-240	MAX. 264 Min. 198	1.9	15	0.380	1.5	359	359
FXMQ200MFV1				3.3	15	0.380	2.6	548	548
FXMQ250MFV1				3.8	15	0.380	3.0	638	638

Symbols:

MCA : Min. Circuit Amps (A)
MFA : Max. Fuse Amps (See note 5)
KW : Fan Motor Rated Output(KW)
FLA : Full Load Amps(A)
IFM : Indoor Fan Motor

Note:

1. Voltage range

   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.

2. Maximum allowable voltage unbalance between phases is 2%.

3. MCA/MFA

   MCA = 1.25 X FLA

   MFA ≦ 4 X FLA

   (Next lower standard fuse rating. Min. 15A)

4. Select wire size based on the MCA.

5. Instead of fuse, use Circuit Breaker.

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6. Safety Devices Setting

Model		FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
Printed circuit board fuse		250V 5A	250V 5A	250V 5A
Fan motor thermal fuse	°C	–	–	–
Fan motor thermal protector	°C	OFF: 135±8 (ON: 85±15)	OFF: 135±8 (ON: 85±15)	OFF: 135±8 (ON: 85±15)

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7. Capacity Tables

FXMQ125MFV1

Cooling

Outdoor temperature	℃ WB							
℃ DB	15.0	17.0	20.0	23.0	26.0	28.0	30.0	32.0
	Capacity							
	kW	kW	kW	kW	kW	kW	kW	kW
20.0	0.81	1.27	–	–	–	–	–	–
22.0	1.45	2.07	3.32	–	–	–	–	–
25.0	2.53	2.83	4.54	6.49	–	–	–	–
27.0	–	3.26	5.09	7.28	–	–	–	–
29.0	–	–	5.52	7.89	10.6	–	–	–
31.0	–	–	5.85	8.37	11.2	13.6	–	–
33.0	–	–	6.12	8.76	11.8	14.0	15.5	–
35.0	–	–	–	9.08	12.1	13.9	15.3	15.3
37.0	–	–	–	9.35	12.1	13.9	15.0	15.0
39.0	–	–	–	–	12.1	13.8	14.8	14.8

Notes

1. The above capacities are based on the following conditions:
   Air discharge temperature setting:18℃ for cooling operation
   Equivalent piping length:7.5m
   Level difference:0m
2. The above capacities values are general average values which can be generated by each compressor operation level.
3. A value enclosed in ☐ means rated capacity.

15

C: 4D046308D

FXMQ200MFV1

Cooling

Outdoor temperature	°C WB							
°C DB	15.0	17.0	20.0	23.0	26.0	28.0	30.0	32.0
	Capacity							
	kW	kW	kW	kW	kW	kW	kW	kW
20.0	1.29	2.03	–	–	–	–	–	–
22.0	2.32	3.31	5.31	–	–	–	–	–
25.0	4.05	4.52	7.27	10.4	–	–	–	–
27.0	–	5.21	8.15	11.6	–	–	–	–
29.0	–	–	8.83	12.6	16.9	–	–	–
31.0	–	–	9.36	13.4	18.0	21.8	–	–
33.0	–	–	9.80	14.0	18.8	22.4	24.8	–
35.0	–	–	–	14.5	19.4	22.2	24.4	24.4
37.0	–	–	–	15.0	19.4	22.2	24.0	24.0
39.0	–	–	–	–	19.3	22.1	23.6	23.6

Notes

1. The above capacities are based on the following conditions:
   Air discharge temperature setting:18°C for cooling operation
   Equivalent piping length:7.5m
   Level difference:0m
2. The above capacities values are general average values which can be generated by each compressor operation level.
3. A value enclosed in ☐ means rated capacity.

C: 4D046309D

FXMQ250MFV1

Cooling

Outdoor temperature	℃ WB							
℃ DB	15.0	17.0	20.0	23.0	26.0	28.0	30.0	32.0
	Capacity							
	kW	kW	kW	kW	kW	kW	kW	kW
20.0	1.61	2.54	–	–	–	–	–	–
22.0	2.90	4.13	6.63	–	–	–	–	–
25.0	5.07	5.65	9.08	13.0	–	–	–	–
27.0	–	6.51	10.2	14.6	–	–	–	–
29.0	–	–	11.0	15.8	21.2	–	–	–
31.0	–	–	11.7	16.7	22.5	27.2	–	–
33.0	–	–	12.2	17.5	23.5	28.0	31.0	–
35.0	–	–	–	18.2	24.3	27.8	30.5	30.5
37.0	–	–	–	18.7	24.2	27.8	30.0	30.0
39.0	–	–	–	–	24.1	27.7	29.5	29.5

Notes

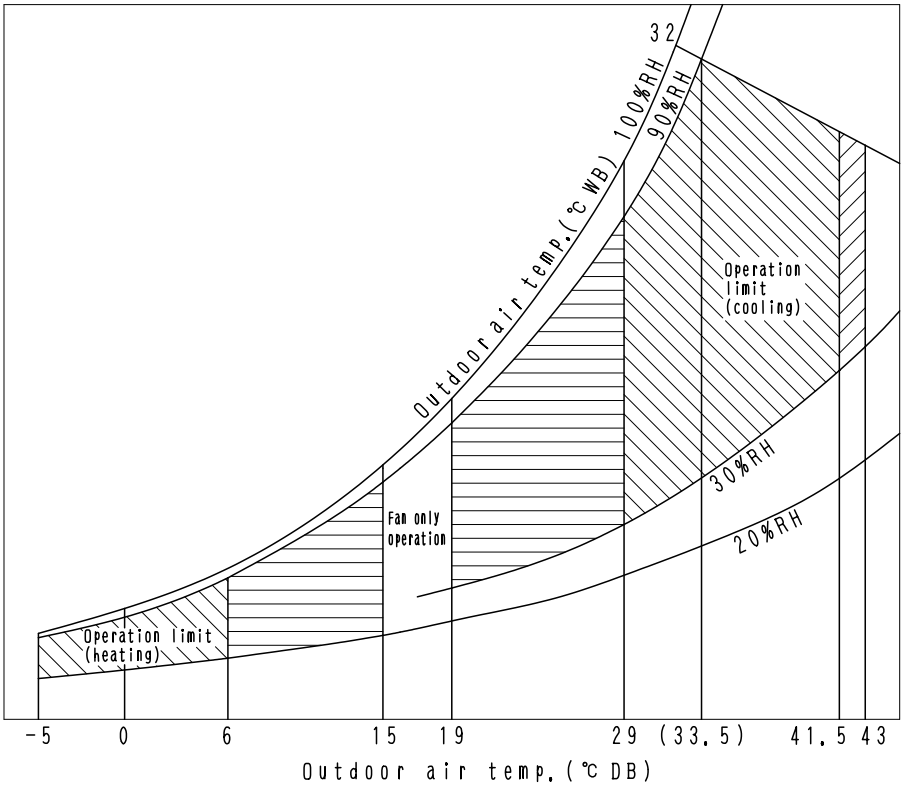
1. The above capacities are based on the following conditions:
   Air discharge temperature setting:18℃ for cooling operation
   Equivalent piping length:7.5m
   Level difference:0m
2. The above capacities values are general average values which can be generated by each compressor operation level.
3. A value enclosed in ☐ means rated capacity.

C: 4D046310D

15

8. Operation Limits

FXMQ125MFV1



NOTE
1) These figures assume the following operating conditions. (Indoor and outdoor units) Equivalent pipe length: 7.5m Level difference: 0m

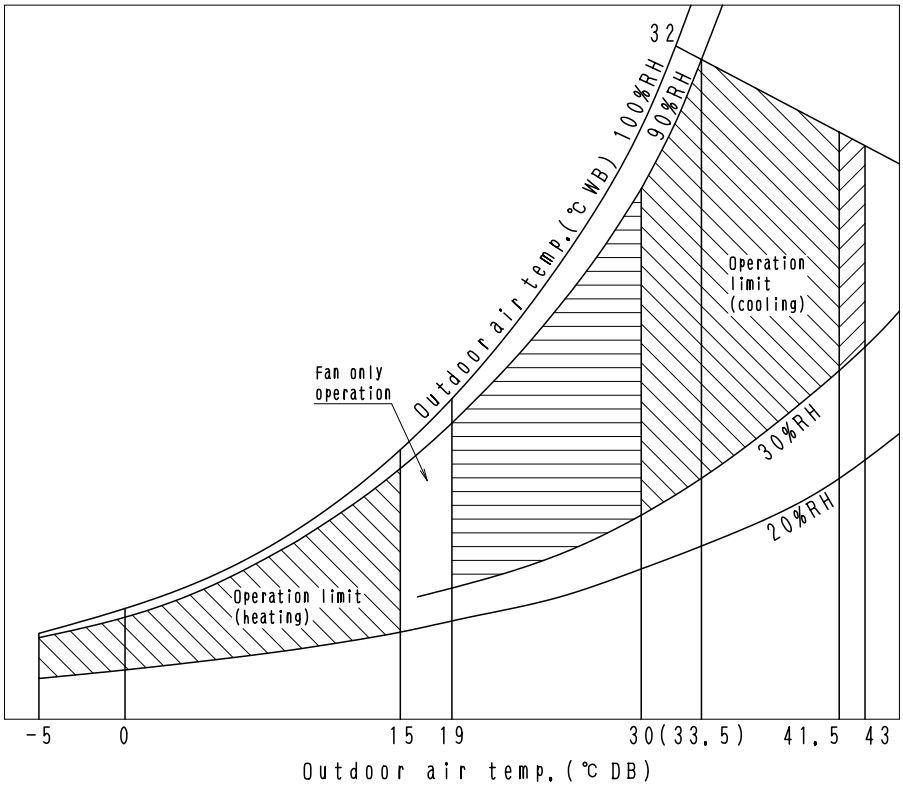
2) ▭ :The discharge air temperature may not match the temperature setting for too large outdoor-air processing capacity. Thermostat OFF may be carried out.

3) ▨ :The discharge air temperature may not match the temperature setting for too small outdoor-air processing capacity.

4) The system will not operate in fan mode when the outdoor-air tempereture is 5℃ or below.

3D046312A

FXMQ200MFV1



NOTE
1) These figures assume the following operating conditions. (Indoor and outdoor units) Equivalent pipe length: 7.5m Level difference: 0m

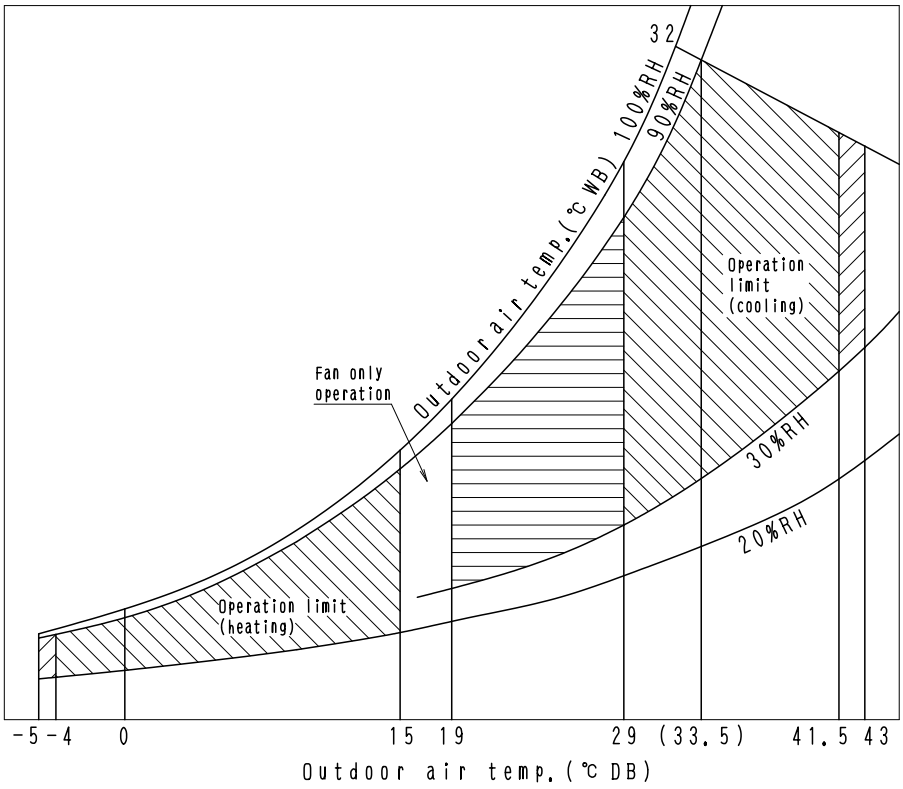
2) ▭ :The discharge air temperature may not match the temperature setting for too large outdoor-air processing capacity. Thermostat OFF may be carried out.

3) ▨ :The discharge air temperature may not match the temperature setting for too small outdoor-air processing capacity.

4) The system will not operate in fan mode when the outdoor-air tempereture is 5℃ or below.

3D047750A

FXMQ250MFV1



NOTE
1) These figures assume the following operating conditions.
(Indoor and outdoor units)
Equivalent pipe length: 7.5m
Level difference: 0m

2) : The discharge air temperature may not match the temperature setting for too large outdoor-air processing capacity. Thermostat OFF may be carried out.

3) : The discharge air temperature may not match the temperature setting for too small outdoor-air processing capacity.

4) The system will not operate in fan mode when the outdoor-air tempereture is 5℃ or below.

3D046313B

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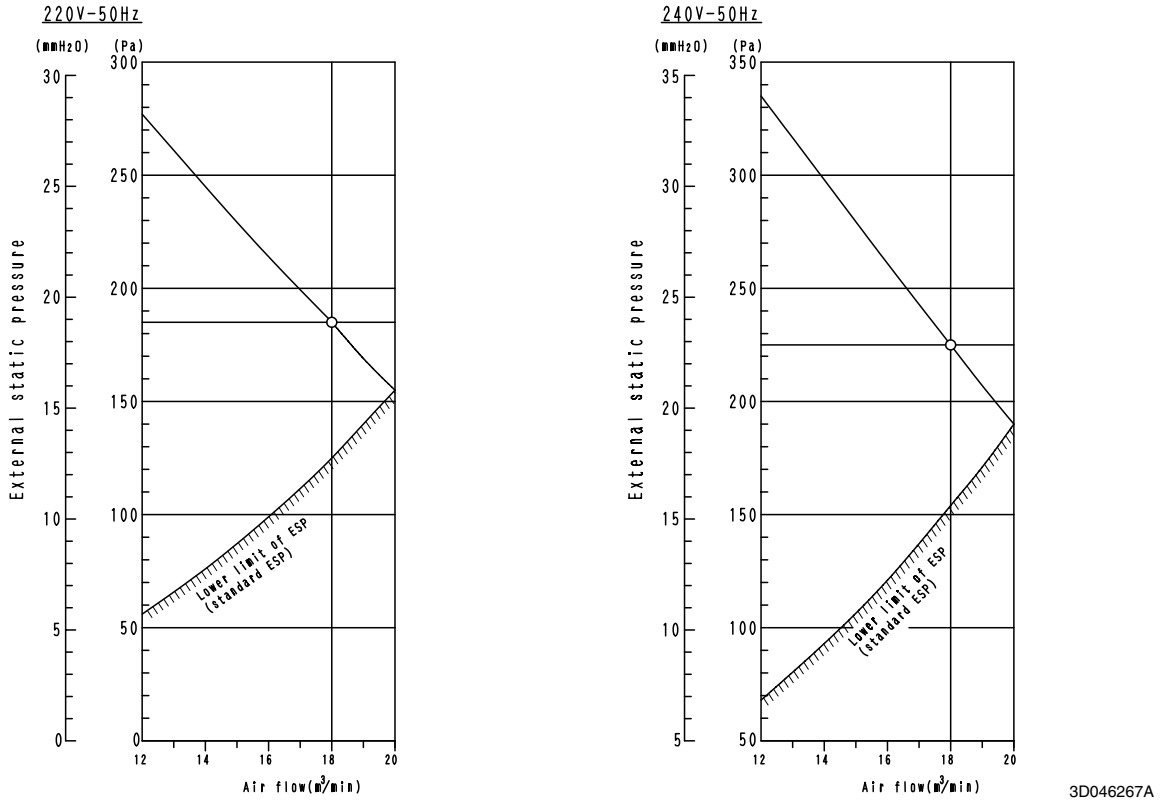
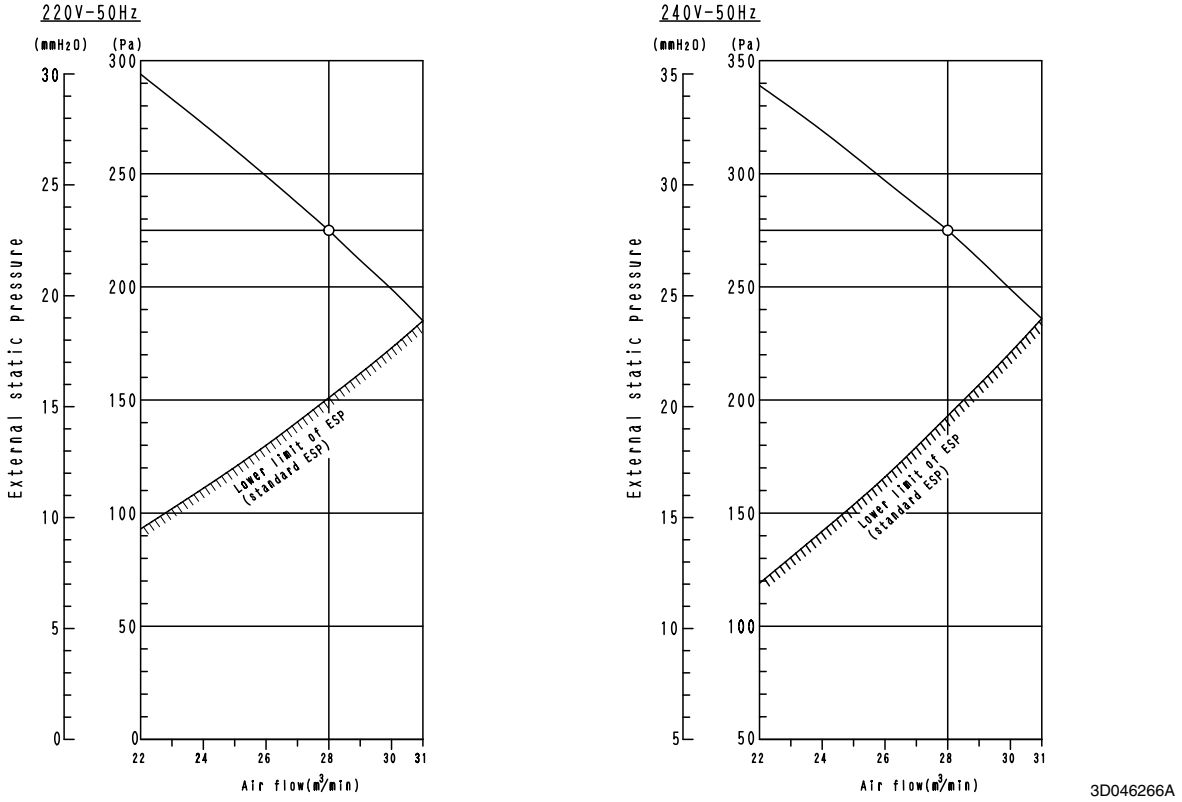
9. Fan Performances

FXMQ125MFV1



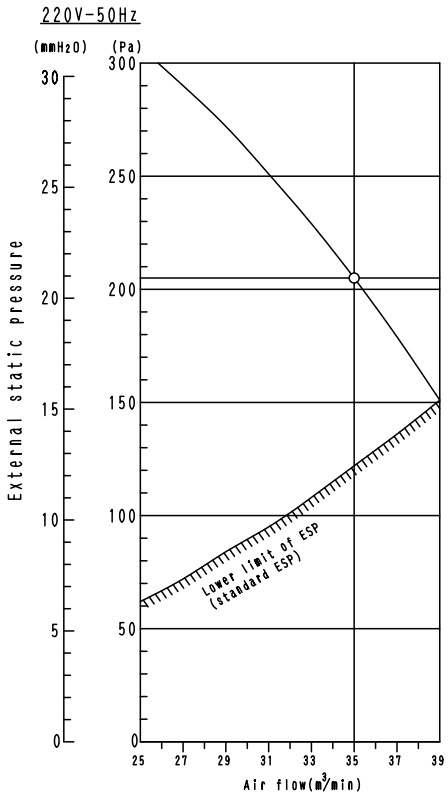
3D046267A

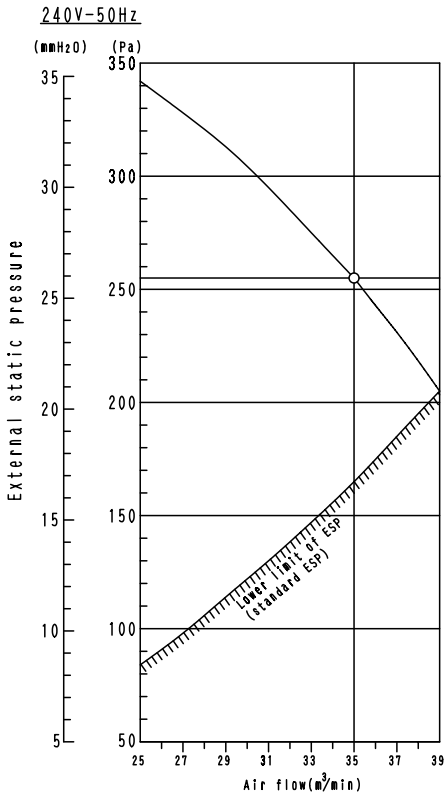
FXMQ200MFV1



3D046266A

FXMQ250MFV1





3D046265A

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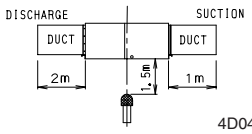
10. Sound Levels

Overall

Location of microphone (for sound pressure level)



4D046271

dB(A)

Model	Sound pressure level	
	220V, 50Hz	240V, 50Hz
FXMQ125MFV1	42	43
FXMQ200MFV1	47	48
FXMQ250MFV1	47	48

Notes:

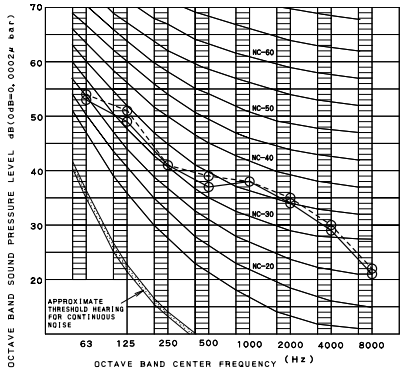
1. The operating conditions are assumed to be standard (JIS conditions)
2. These operating values were obtained in anechoic chamber (conversion values).
   Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of the particular room in which the equipments installed.

Octave Band Level

○———○ 220V, 50Hz

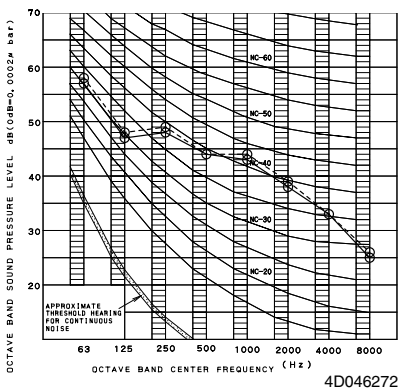
○ - - - -○ 240V, 50Hz

FXMQ125MFV1



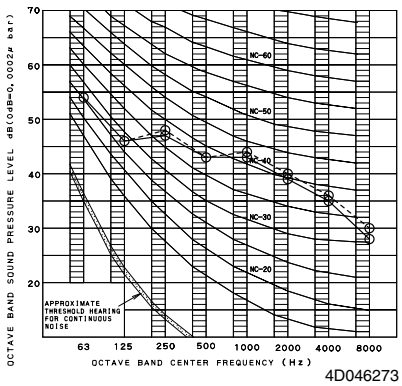
4D046271

FXMQ200MFV1



4D046272

FXMQ250MFV1

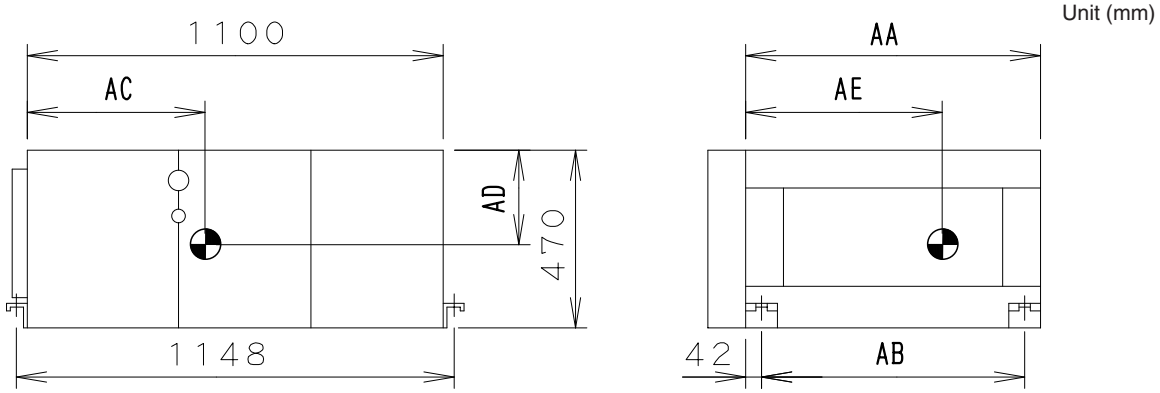


4D046273

11. Centre of Gravity

FXMQ125MFV1 / FXMQ200MFV1 / FXMQ250MFV1

Unit (mm)



MODEL	PRODUCT MASS	AA	AB	AC	AD	AE
FXMQ125MFV1 FXMP140MMFV FXMFP140AB FZMFP140AB(N)	86Kg	780	696	600	250	330
FXMQ200MFV1 FXMP224MMFVC FXMFP224AB FZMFP224AB(N)	123Kg	1380	1296	570	250	600
FXMQ250MFV1 FXMP280MMFV FXMFP280AB FZMFP280AB(N)	123Kg	1380	1296	570	250	600

4D046143C

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12. Accessories

12.1 Optional Accessories (For Unit)

Item		Model		
		FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
Drain pump kit		KDU30L250VE		
High efficiency filter	65%	KAFJ372L140	KAFJ372L280	
	90%	KAFJ373L140	KAFJ373L280	
Filter chamber ★1		KDJ3705L140	KDJ3705L280	
Long life replacement filter		KAFJ371L140	KAFJ371L280	

C: 3D046270

Notes:

★1. Filter chamber has a suction-type flange. (Main unit does not have.)

· Dimensions and weight of the equipment may vary depending on the options used.
· Some options may not be usable due to the equipment installation conditions, so please confirm prior to ordering.
· Some options may not be used in combination.
· Operating sound may increase somewhat depending on the options used.

12.2 Optional Accessories (For Operation Controls)

Item	Model		
	FXMQ125MFV1	FXMQ200MFV1	FXMQ250MFV1
Wired remote controller	BRC1C62 / BRC1E62		
Adaptor for wiring	KRP1B61		
Wiring adaptor for electrical appendices (1)	KRP2A61		
Wiring adaptor for electrical appendices (2)	KRP4AA51		
Central remote controller	DCS302CA61		
Electrical box with earth terminal (3 blocks)	KJB311AA		
Unified ON/OFF controller	DCS301BA61		
Electrical box with earth terminal (2 blocks)	KJB212AA		
Noise filter (for electromagnetic interface use only)	KEK26-1A		
Schedule timer	DST301BA61		
External control adaptor for outdoor unit (must be installed on indoor units)	DTA104A61		

C: 3D034600G

Part 4 Residential Indoor Units with Connection to BP Units

<SkyAir>
FCQ35BVE
FCQ50BVE
FCQ60BVE
FCQ71BVE
FFQ25BV1B
FFQ35BV1B
FFQ50BV1B
FFQ60BV1B
FBQ60BV1
FBQ71BV1

<SPLIT>
FDKS25EAVMB
FDKS35EAVMB
FDKS25CAVMB
FDKS35CAVMB
FDKS50CVMB
FDKS60CVMB
FTKS25DVM
FTKS35DVM
FTKS50BVMA
FTKS50FVM
FTKS60FVM
FTKS71FVM

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1. Power Supply

Indoor Unit		BP Unit	Power Supply
Ceiling Mounted Cassette Type	FCQ35BVE	BPMKS967A3 BPMKS967A2	1 phase, 220-240 / 220-230V, 50 / 60Hz
	FCQ50BVE		
	FCQ60BVE		
	FCQ71BVE		
Ceiling Mounted Cassette (Compact multi flow) Type	FFQ25BV1B		
	FFQ35BV1B		
	FFQ50BV1B		
	FFQ60BV1B		
Ceiling Mounted Built-in Type	FBQ60BV1		
	FBQ71BV1		
Slim Ceiling Mounted Duct Type	FDKS25EAVMB		
	FDKS35EAVMB		
	FDKS25CAVMB		
	FDKS35CAVMB		
	FDKS50CVMB		
	FDKS60CVMB		
Wall Mounted Type	FTKS25DVM		
	FTKS35DVM		
	FTKS50BVMA		
	FTKS50FVM		
	FTKS60FVM		
	FTKS71FVM		

Note: Power Supply Intake: BP Unit

2. Specifications

2.1 Indoor Units

Ceiling Mounted Cassette Type

Model				FCQ35BVE	FCQ50BVE
				Cooling	Cooling
Decoration Panel	Colour			White	White
	Dimensions (H×W×D)			40×950×950	40×950×950
Airflow Rate (H/L)			m³/min	14.0/10.0	15.0/11.0
			l/s	233/167	250/183
			cfm	494/353	530/388
Fan	Type			Turbo Fan	Turbo Fan
	Motor Output		W	45	45
	Speed		Steps	2 Steps	2 Steps
Air Direction Control				Horizontal, Downward	Horizontal, Downward
Air Filter				Removable, Washable, Mildew Proof	Removable, Washable, Mildew Proof
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D)			mm	230×840×840	230×840×840
Packaged Dimensions (H×W×D)			mm	305×930×920	305×930×920
Weight			kg	24	24
Gross Weight			kg	32	32
Sound Pressure Level (H/L)		220V	dB(A)	33/29	33/29
		240V		35/31	35/31
Sound Power Level (H)			dB(A)	48	48
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection		Liquid	mm	ϕ 6.4 (Flare)	ϕ 6.4 (Flare)
		Gas	mm	ϕ 9.5 (Flare)	ϕ 12.7 (Flare)
		Drain	mm	VP25 (O.D.ϕ 32 / I.D.ϕ 25)	VP25 (O.D.ϕ 32 / I.D.ϕ 25)
Drawing No.				C: 3D049093A	C: 3D049093A

Model				FCQ60BVE	FCQ71BVE
				Cooling	Cooling
Decoration Panel	Colour			White	White
	Dimensions (H×W×D)			40×950×950	40×950×950
Airflow Rate (H/L)			m³/min	19.0/14.0	19.0/14.0
			l/s	317/233	317/233
			cfm	671/494	671/494
Fan	Type			Turbo Fan	Turbo Fan
	Motor Output		W	45	45
	Speed		Steps	2 Steps	2 Steps
Air Direction Control				Horizontal, Downward	Horizontal, Downward
Air Filter				Removable, Washable, Mildew Proof	Removable, Washable, Mildew Proof
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D)			mm	230×840×840	230×840×840
Packaged Dimensions (H×W×D)			mm	305×930×920	305×930×920
Weight			kg	24	24
Gross Weight			kg	32	32
Sound Pressure Level (H/L)		220V	dB(A)	35/30	35/30
		240V		37/32	37/32
Sound Power Level (H)			dB(A)	50	50
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection		Liquid	mm	ϕ 6.4 (Flare)	ϕ 9.5 (Flare)
		Gas	mm	ϕ12.7 (Flare)	ϕ15.9 (Flare)
		Drain	mm	VP25 (O.D.ϕ 32 / I.D.ϕ 25)	VP25 (O.D.ϕ 32 / I.D.ϕ 25)
Drawing No.				C: 3D049093A	C: 3D049093A

Notes:

1. Refer to **Electric Characteristics** for the power input.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3414 cfm=m³/min×35.3

Ceiling Mounted Cassette (Compact multi flow) Type

Model				FFQ25BV1B	FFQ35BV1B
				Cooling	Cooling
Decoration Panel	Colour			White	White
	Dimensions (H×W×D)			55×700×700	55×700×700
Airflow Rate (H/L)			m³/min	9.0/6.5	10.0/6.5
			l/s	150/108	167/108
			cfm	318/229	353/229
Fan	Type			Turbo Fan	Turbo Fan
	Motor Output		W	55	55
	Speed		Steps	2 Steps	2 Steps
Air Direction Control				Horizontal, Downward	Horizontal, Downward
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D) ★1			mm	260 (286)×575×575	260 (286)×575×575
Packaged Dimensions (H×W×D)			mm	370×687×674	370×687×674
Weight			kg	17.5	17.5
Gross Weight			kg	21	21
Sound Pressure Level (H/L)		230V	dB(A)	29.5/24.5	32/25
Sound Power Level (H)		230V	dB(A)	46.5	49
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection		Liquid	mm	ϕ 6.4	ϕ 6.4
		Gas	mm	ϕ 9.5	ϕ 9.5
		Drain	mm	VP20 (O.D.ϕ 26 / I.D.ϕ 20)	VP20 (O.D.ϕ 26 / I.D.ϕ 20)
Drawing No.				C: 3D040444B	C: 3D040442B

Model				FFQ50BV1B	FFQ60BV1B
				Cooling	Cooling
Decoration Panel	Colour			White	White
				Cooling	Cooling
	Dimensions (H×W×D)			55×700×700	55×700×700
Airflow Rate (H/L)			m³/min	12.0/8.0	15.0/10.0
			l/s	200/133	250/167
			cfm	424/282	530/353
Fan	Type			Turbo Fan	Turbo Fan
	Motor Output		W	55	55
	Speed		Steps	2 Steps	2 Steps
Air Direction Control				Horizontal, Downward	Horizontal, Downward
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D) ★1			mm	260 (286)×575×575	260 (286)×575×575
Packaged Dimensions (H×W×D)			mm	370×687×674	370×687×674
Weight			kg	17.5	17.5
Gross Weight			kg	21	21
Sound Pressure Level (H/L)		230V	dB(A)	36/27	41/32
Sound Power Level (H)		230V	dB(A)	53	58
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection		Liquid	mm	ϕ 6.4	ϕ 6.4
		Gas	mm	ϕ12.7	ϕ12.7
		Drain	mm	VP20 (O.D.ϕ 26 / I.D.ϕ 20)	VP20 (O.D.ϕ 26 / I.D.ϕ 20)
Drawing No.				C: 3D040437	C: 3D040431

Notes:

★1. ( ) : dimension including control box

2. Refer to **Electric Characteristics** for the power input.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3414 cfm=m³/min×35.3

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Ceiling Mounted Built-in Type

Model				FBQ60BV1	FBQ71BV1
				Cooling	Cooling
Decoration Panel	Colour			White	White
				Cooling	Cooling
	Dimensions (H×W×D)			55×1,100×500	55×1,100×500
Airflow Rate (H/L)			m^3/min	17.0/13.0	19.0/14.0
			l/s	283/217	317/233
			cfm	600/459	671/494
Fan	Type			Sirocco Fan	Sirocco Fan
	Motor Output		W	110	125
	Speed		Steps	2 Steps	2 Steps
Air Filter				Resin Net (with mould resistant)	Resin Net (with mould resistant)
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D)			mm	300×1,000×800	300×1,000×800
Packaged Dimensions (H×W×D)			mm	400×1,171×991	400×1,171×991
Weight			kg	41	41
Gross Weight			kg	50	50
Sound Pressure Level (H/L)		220V	dB(A)	41/35	41/35
		240V		43/37	43/37
Sound Power Level (H)			dB(A)	60	60
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection		Liquid	mm	ϕ 6.4 (Flare)	ϕ 9.5 (Flare)
		Gas	mm	ϕ 12.7 (Flare)	ϕ 15.9 (Flare)
		Drain	mm	VP25 (O.D.ϕ 32 / I.D.ϕ 25)	VP25 (O.D.ϕ 32 / I.D.ϕ 25)
Drawing No.				C: 3D049097	C: 3D049097

Note:

1. Refer to **Electric Characteristics** for the power input.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3414 cfm=m^3/min×35.3

Slim Ceiling Mounted Duct Type

Model				FDKS25EAVMB	FDKS35EAVMB
				Cooling	Cooling
Front Panel Colour				—	—
Airflow Rate (H/M/L/SL)			m³/min	8.7/8.0/7.3/6.2	8.7/8.0/7.3/6.2
			cfm	307/282/258/219	307/282/258/219
Fan	Type			Sirocco Fan	Sirocco Fan
	Motor Output		W	62	62
	Speed		Steps	5 Steps, Quiet, Auto	5 Steps, Quiet, Auto
Air Filter				Removable, Washable, Mildew Proof	Removable, Washable, Mildew Proof
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D)			mm	200×700×620	200×700×620
Packaged Dimensions (H×W×D)			mm	274×906×751	274×906×751
Weight			kg	21	21
Gross Weight			kg	29	29
Sound Pressure Level (H/M/L/SL)			dB(A)	35/33/31/29	35/33/31/29
External Static Pressure			Pa	30	30
Moisture Removal			L/h	1.2	1.9
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection	Liquid		mm	ϕ 6.4	ϕ 6.4
	Gas		mm	ϕ 9.5	ϕ 9.5
	Drain		mm	VP20 (O.D.ϕ 26 / I.D.ϕ 20)	VP20 (O.D.ϕ 26 / I.D.ϕ 20)
Drawing No.				C: 3D051882A	C: 3D051884A

Notes:

1. The operating sound is based on the rear side suction inlet and the external static pressure 30 Pa.
   Operating sound for under side suction inlet: [operating sound for rear side suction inlet]+6 dB.
   However, when installation to which the external static pressure becomes low is carried out,
   6 dB or more may go up.
2. Refer to **Electric Characteristics** for the power input.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3414 cfm=m³/min×35.3

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Slim Ceiling Mounted Duct Type

Model				FDKS25CAVMB	FDKS35CAVMB
				Cooling	Cooling
Front Panel Colour				—	—
Airflow Rate (H/M/L/SL)			m³/min	9.5/8.8/8.0/6.7	10.0/9.3/8.5/7.0
			cfm	335/311/282/237	353/328/300/247
Fan	Type			Sirocco Fan	Sirocco Fan
	Motor Output		W	62	62
	Speed		Steps	5 Steps, Quiet, Auto	5 Steps, Quiet, Auto
Air Filter				Removable, Washable, Mildew Proof	Removable, Washable, Mildew Proof
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D)			mm	200×900×620	200×900×620
Packaged Dimensions (H×W×D)			mm	266×1,106×751	266×1,106×751
Weight			kg	25	25
Gross Weight			kg	31	31
Sound Pressure Level (H/M/L/SL)			dB(A)	35/33/31/29	35/33/31/29
External Static Pressure			Pa	40	40
Moisture Removal			L/h	1.2	1.9
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection	Liquid		mm	ϕ 6.4	ϕ 6.4
	Gas		mm	ϕ 9.5	ϕ 9.5
	Drain		mm	VP20 (O.D. ϕ26 / I.D. ϕ20)	VP20 (O.D. ϕ26 / I.D. ϕ20)
Drawing No.				C: 3D048947C	C: 3D048948C

Model				FDKS50CVMB	FDKS60CVMB
				Cooling	Cooling
Front Panel Colour				—	—
Airflow Rate (H/M/L/SL)			m³/min	12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
			cfm	424/388/353/297	565/522/477/395
Fan	Type			Sirocco Fan	Sirocco Fan
	Motor Output		W	130	130
	Speed		Steps	5 Steps, Quiet, Auto	5 Steps, Quiet, Auto
Air Filter				Removable, Washable, Mildew Proof	Removable, Washable, Mildew Proof
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D)			mm	200×900×620	200×1,100×620
Packaged Dimensions (H×W×D)			mm	266×1,106×751	266×1,306×751
Weight			kg	27	30
Gross Weight			kg	34	37
Sound Pressure Level (H/M/L/SL)			dB(A)	37/35/33/31	38/36/34/32
External Static Pressure			Pa	40	40
Moisture Removal			L/h	2.9	3.9
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection	Liquid		mm	ϕ 6.4	ϕ 6.4
	Gas		mm	ϕ12.7	ϕ12.7
	Drain		mm	VP20 (O.D. ϕ26 / I.D. ϕ20)	VP20 (O.D. ϕ26 / I.D. ϕ20)
Drawing No.				C: 3D052134A	C: 3D052135

Notes:

1. The operating sound is based on the rear side suction inlet and the external static pressure 40 Pa.
   Operating sound for under side suction inlet: [operating sound for rear side suction inlet]+5 dB.
   However, when installation to which the external static pressure becomes low is carried out,
   5 dB or more may go up.
2. Refer to **Electric Characteristics** for the power input.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3414 cfm=m³/min×35.3

Wall Mounted Type

Model				FTKS25DVM	FTKS35DVM
				Cooling	Cooling
Front Panel Colour				White	White
Airflow Rate (H/M/L/SL)			m³/min	8.7/6.7/4.7/3.9	8.9/6.9/4.8/4.0
			cfm	307/237/166/138	314/244/169/141
Fan	Type			Cross Flow Fan	Cross Flow Fan
	Motor Output		W	40	40
	Speed		Steps	5 Steps, Quiet, Auto	5 Steps, Quiet, Auto
Air Direction Control				Right, Left, Horizontal, Downward	Right, Left, Horizontal, Downward
Air Filter				Removable, Washable, Mildew Proof	Removable, Washable, Mildew Proof
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D)			mm	283×800×195	283×800×195
Packaged Dimensions (H×W×D)			mm	265×855×340	265×855×340
Weight			kg	9	9
Gross Weight			kg	12	12
Sound Pressure Level (H/M/L/SL)			dB(A)	37/—/25/22	39/—/26/23
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection		Liquid	mm	ϕ 6.4	ϕ 6.4
		Gas	mm	ϕ 9.5	ϕ 9.5
		Drain	mm	ϕ18.0	ϕ18.0
Drawing No.				C: 3D049321	C: 3D049322

Model				FTKS50BVMA
				Cooling
Front Panel Colour				White
Airflow Rate (H/M/L/SL)			m³/min	11.4/9.8/8.7/7.7
			cfm	402/346/307/272
Fan	Type			Cross Flow Fan
	Motor Output		W	40
	Speed		Steps	5 Steps, Quiet, Auto
Air Direction Control				Right, Left, Horizontal, Downward
Air Filter				Removable, Washable, Mildew Proof
Temperature Control				Microcomputer Control
Dimensions (H×W×D)			mm	290×795×238
Packaged Dimensions (H×W×D)			mm	280×840×338
Weight			kg	9
Gross Weight			kg	13
Sound Pressure Level (H/M/L/SL)			dB(A)	44/40/35/32
Heat Insulation				Both Liquid and Gas Pipes
Piping Connection		Liquid	mm	ϕ 6.4
		Gas	mm	ϕ12.7
		Drain	mm	ϕ18.0
Drawing No.				C: 3D047569

Note:

1. Refer to **Electric Characteristics** for the power input.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3414 cfm=m³/min×35.3

Wall Mounted Type

Model				FTKS50FVM	FTKS60FVM
				Cooling	Cooling
Front Panel Colour				White	White
Airflow Rate (H/M/L/SL)			m³/min	14.7/12.6/10.2/9.2	16.2/13.9/11.5/10.0
			cfm	519/445/360/325	572/491/406/353
Fan	Type			Cross Flow Fan	Cross Flow Fan
	Motor Output		W	43	43
	Speed		Steps	5 Steps, Quiet, Auto	5 Steps, Quiet, Auto
Air Direction Control				Right, Left, Horizontal, Downward	Right, Left, Horizontal, Downward
Air Filter				Removable, Washable, Mildew Proof	Removable, Washable, Mildew Proof
Temperature Control				Microcomputer Control	Microcomputer Control
Dimensions (H×W×D)			mm	290×1,050×238	290×1,050×238
Packaged Dimensions (H×W×D)			mm	337×1,147×366	337×1,147×366
Weight			kg	12	12
Gross Weight			kg	17	17
Sound Pressure Level	H/M/L/SL		dBA	43/39/34/31	45/41/36/33
Heat Insulation				Both Liquid and Gas Pipes	Both Liquid and Gas Pipes
Piping Connection	Liquid		mm	ϕ 6.4	ϕ 6.4
	Gas		mm	ϕ12.7	ϕ12.7
	Drain		mm	ϕ18.0	ϕ18.0
Drawing No.				C: 3D056225	C: 3D056226

Model				FTKS71FVM
				Cooling
Front Panel Colour				White
Airflow Rate (H/M/L/SL)			m³/min	17.4/14.6/11.9/10.7
			cfm	614/515/420/378
Fan	Type			Cross Flow Fan
	Motor Output		W	43
	Speed		Steps	5 Steps, Quiet, Auto
Air Direction Control				Right, Left, Horizontal, Downward
Air Filter				Removable, Washable, Mildew Proof
Temperature Control				Microcomputer Control
Dimensions (H×W×D)			mm	290×1,050×238
Packaged Dimensions (H×W×D)			mm	337×1,147×366
Weight			kg	12
Gross Weight			kg	17
Sound Pressure Level (H/M/L/SL)			dB(A)	46/42/37/34
Heat Insulation				Both Liquid and Gas Pipes
Piping Connection	Liquid		mm	ϕ 6.4
	Gas		mm	ϕ15.9
	Drain		mm	ϕ18.0
Drawing No.				C: 3D056227

Note:

1. Refer to **Electric Characteristics** for the power input.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3414 cfm=m³/min×35.3

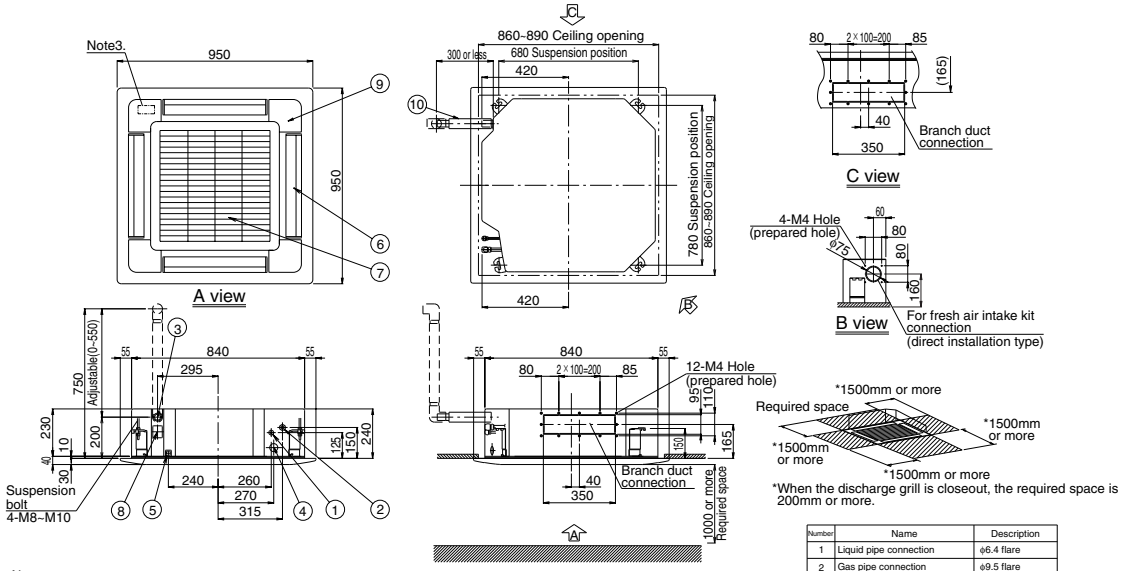
3. Dimensions

3.1 Indoor Units

3.1.1 Ceiling Mounted Cassette Type

FCQ35BVE with BYC125K-W1 (Decoration Panel)

Unit (mm)



Number	Name	Description
1	Liquid pipe connection	ϕ6.4 flare
2	Gas pipe connection	ϕ9.5 flare
3	Drain pipe connection	VP25
4	Power supply connection	
5	Remote control code and control wiring connection	
6	Air discharge grille	
7	Air suction grille	
8	Port for water supply	
9	Corner decoration cover	
10	Drain hose	O.D.32

Notes:
1. Location of unit's Name Plate
   For Main body:Switch Box cover inside surface of suction grille.
   For decoration panel: Panel frame inside surface of suction grille.

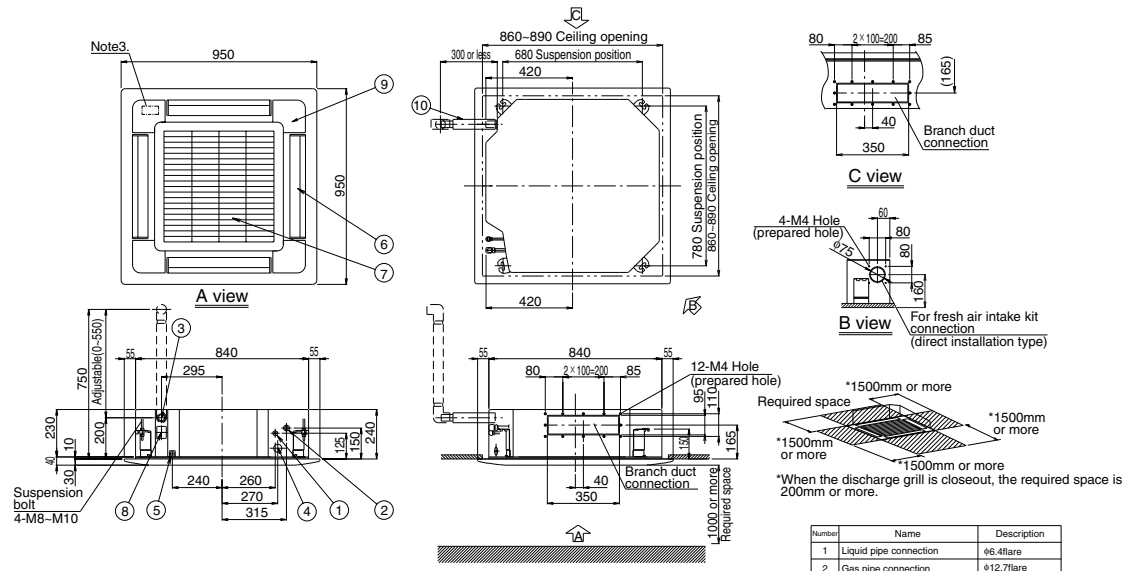
2. When installing an optional accessory, refer to the installation drawings.
   • For fresh air intake kit·····Inspection port is necessary.
   • For high efficiency filter unit·····Inspection port is not necessary.

3. In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.

3D049126

FCQ50BVE / FCQ60BVE with BYC125K-W1 (Decoration Panel)

Unit (mm)



Number	Name	Description
1	Liquid pipe connection	ϕ6.4flare
2	Gas pipe connection	ϕ12.7flare
3	Drain pipe connection	VP25
4	Power supply connection	
5	Remote control code and control wiring connection	
6	Air discharge grille	
7	Air suction grille	
8	Port for water supply	
9	Corner decoration cover	
10	Drain hose	O.D.32

Notes:
1. Location of unit's Name Plate
   For Main body:Switch Box cover inside surface of suction grille.
   For decoration panel:Panel frame inside surface of suction grille.

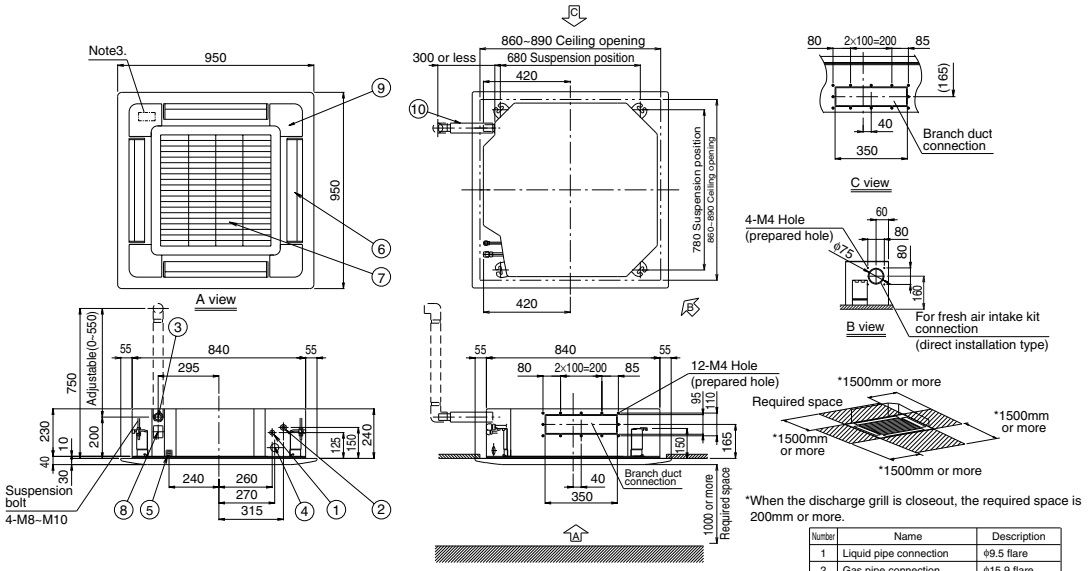
2. When installing an optional accessory, refer to the installation drawings.
   • For fresh air intake kit·····Inspection port is necessary.
   • For high efficiency filter unit·····Inspection port is not necessary.

3. In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.

3D049127

FCQ71BVE with BYC125K-W1 (Decoration Panel)

Unit (mm)



*When the discharge grill is closeout, the required space is 200mm or more.

Number	Name	Description
1	Liquid pipe connection	ϕ9.5 flare
2	Gas pipe connection	ϕ15.9 flare
3	Drain pipe connection	VP25
4	Power supply connection	
5	Remote control code and control wiring connection	
6	Air discharge grille	
7	Air suction grille	
8	Port for water supply	
9	Corner decoration cover	
10	Drain hose	O.D.32

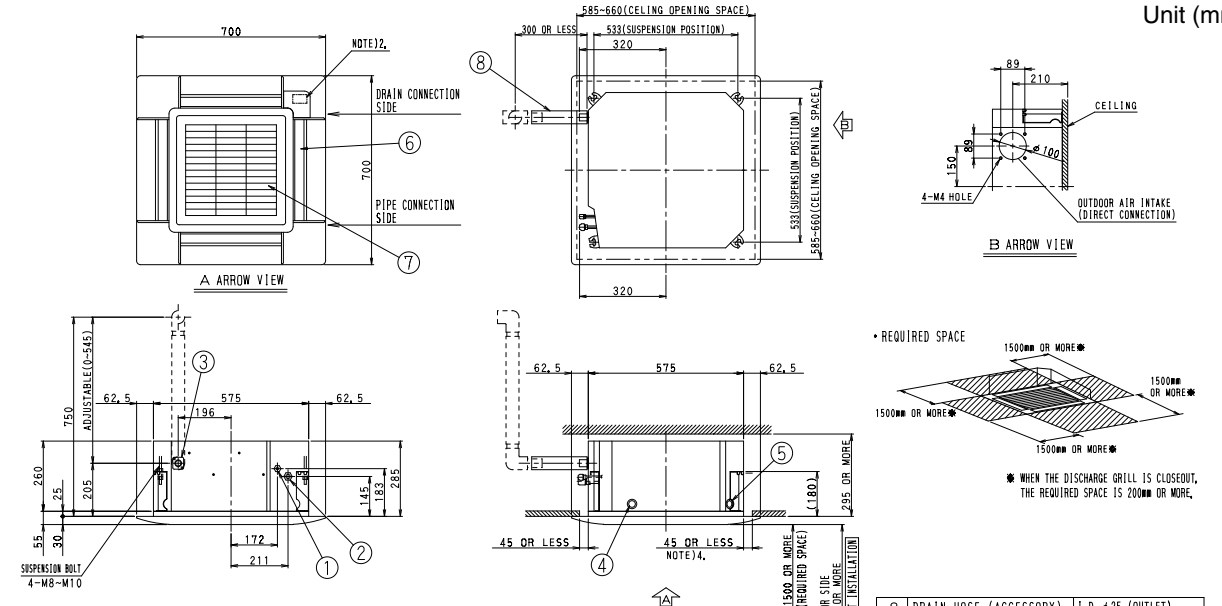
Notes:
1. Location of unit's Name Plate
   For Main body: Switch Box Cover inside surface of suction grille.
   For decoration panel: Panel frame inside surface of suction grille.
2. When installing an optional accessory, refer to the installation drawings.
   - For fresh air intake kit·····Inspection port is necessary.
   - For high efficiency filter unit·····Inspection port is not necessary.
3. In case of using wireless remote controller, this position will be a signal receiver. Refer to the drawing of wireless remote controller in detail.

3D012312D

3.1.2 Ceiling Mounted Cassette (Compact Multi Flow) Type

FFQ25BV1B / FFQ35BV1B with BYFQ60B3W1 (Decoration Panel)

Unit (mm)



* WHEN THE DISCHARGE GRILL IS CLOSEOUT, THE REQUIRED SPACE IS 200mm OR MORE.

NOTE) 1. STICKING LOCATION FOR MANUFACTURE'S LABEL
MANUFACTURE'S LABEL FOR INDOOR UNIT:ON THE BELL MOUTH INSIDE SUCTION GRILLE
MANUFACTURE'S LABEL FOR DECORATION PANEL :ON THE INNER FRAME INSIDE SUCTION GRILLE
2. IN CASE OF USING WIRELESS REMOTE CONTROLLER, THIS POSITION WILL BE A SIGNAL RECEIVER. REFER TO THE DRAWING OF WIRELESS REMOTE CONTROLLER IN DETAIL.
3. WHEN THE TEMPERATURE AND HUMIDITY IN THE CEILING EXCEED 30℃ AND RH 80% OR THE FRESH AIR IS INDUCTED INTO THE CEILING OR THE UNIT CONTINUES 24 HOUR OPERATION, AN ADDITIONAL INSULATION (THICKNESS 10mm OR MORE OF GLASSWOOL OR POLYETHYLENE FORM) IS REQUIRED.
4. THOUGH THE INSTALLATION IS ACCEPTABLE UP TO MAXIMUM OF 660mm SQUARE CEILING OPENING, KEEP THE CLEARANCE OF 45mm OR LESS BETWEEN THE MAIN UNIT AND THE CEILING OPENING SO THAT THE PANEL OVERLAP ALLOWANCE CAN BE ENSURED.

• DECORATION PANEL

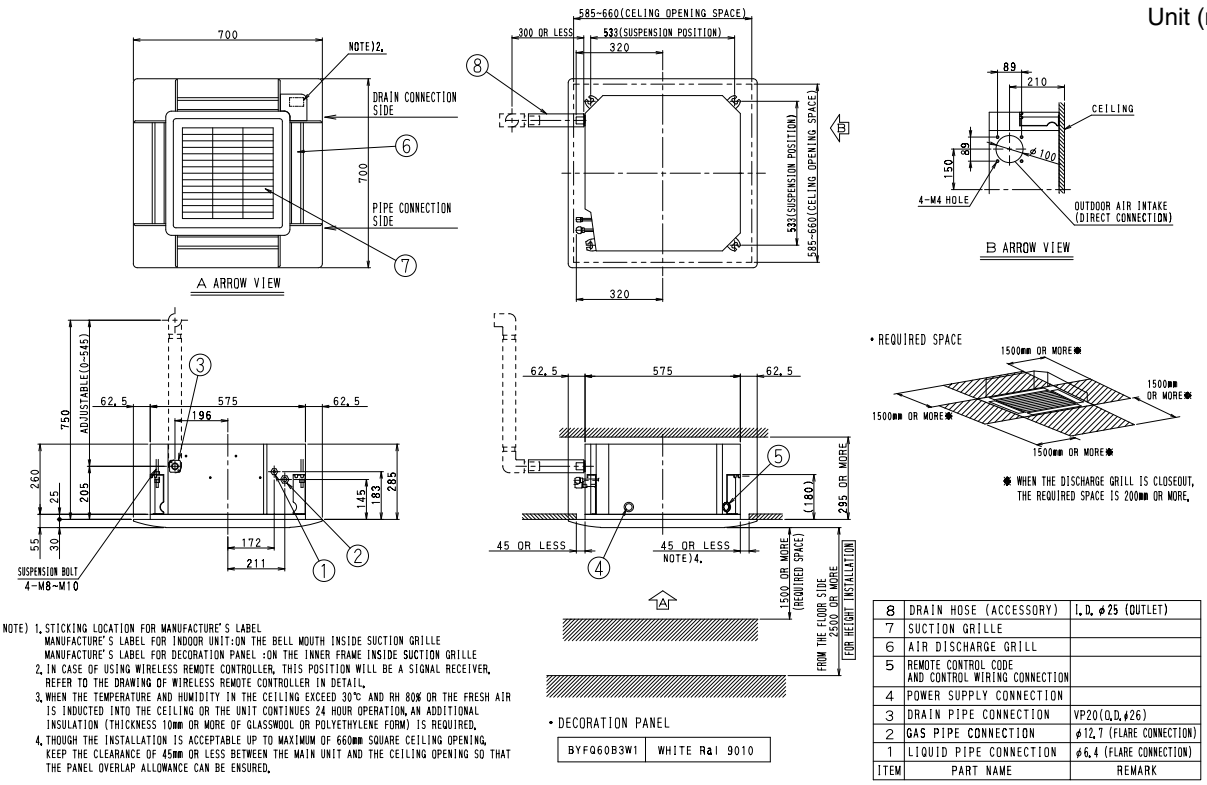
BYFQ60B3W1	WHITE Ral 9010

ITEM	PART NAME	REMARK
8	DRAIN HOSE (ACCESSORY)	I.D. ϕ25 (OUTLET)
7	SUCTION GRILLE	
6	AIR DISCHARGE GRILL	
5	REMOTE CONTROL CODE AND CONTROL WIRING CONNECTION	
4	POWER SUPPLY CONNECTION	
3	DRAIN PIPE CONNECTION	VP20(O.D.ϕ26)
2	GAS PIPE CONNECTION	ϕ9.5 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	ϕ6.4 (FLARE CONNECTION)

C: 3D039003D

FFQ50BV1B / FFQ60BV1B with BYFQ60B3W1 (Decoration Panel)

Unit (mm)



NOTE) 1. STICKING LOCATION FOR MANUFACTURE'S LABEL
MANUFACTURE'S LABEL FOR INDOOR UNIT:ON THE BELL MOUTH INSIDE SUCTION GRILLE
MANUFACTURE'S LABEL FOR DECORATION PANEL :ON THE INNER FRAME INSIDE SUCTION GRILLE
2. IN CASE OF USING WIRELESS REMOTE CONTROLLER, THIS POSITION WILL BE A SIGNAL RECEIVER. REFER TO THE DRAWING OF WIRELESS REMOTE CONTROLLER IN DETAIL.
3. WHEN THE TEMPERATURE AND HUMIDITY IN THE CEILING EXCEED 30℃ AND RH 80% OR THE FRESH AIR IS INDUCTED INTO THE CEILING OR THE UNIT CONTINUES 24 HOUR OPERATION, AN ADDITIONAL INSULATION (THICKNESS 10mm OR MORE OF GLASSWOOL OR POLYETHYLENE FORM) IS REQUIRED.
4. THOUGH THE INSTALLATION IS ACCEPTABLE UP TO MAXIMUM OF 660mm SQUARE CEILING OPENING, KEEP THE CLEARANCE OF 45mm OR LESS BETWEEN THE MAIN UNIT AND THE CEILING OPENING SO THAT THE PANEL OVERLAP ALLOWANCE CAN BE ENSURED.

• DECORATION PANEL

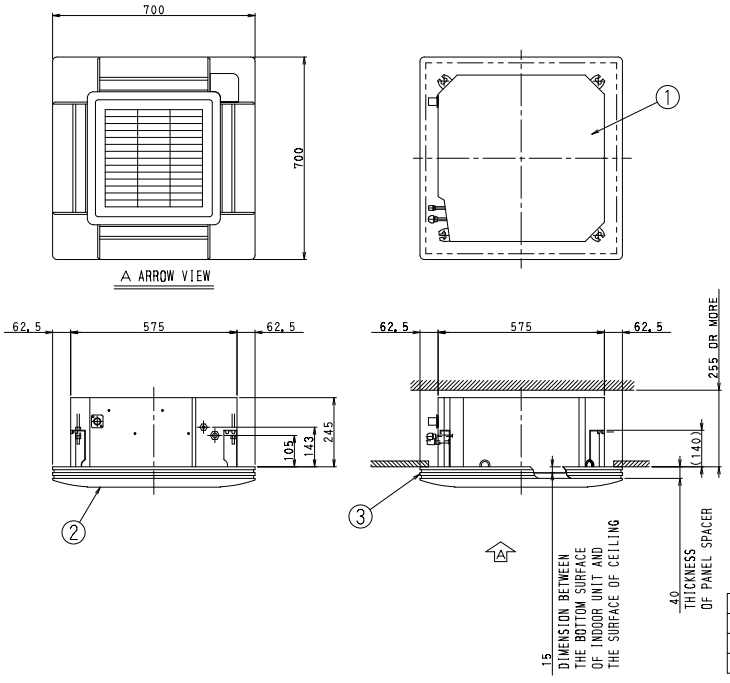
BYFQ60B3W1	WHITE Ral 9010

ITEM	PART NAME	REMARK
8	DRAIN HOSE (ACCESSORY)	I.D. φ25 (OUTLET)
7	SUCTION GRILLE	
6	AIR DISCHARGE GRILL	
5	REMOTE CONTROL CODE AND CONTROL WIRING CONNECTION	
4	POWER SUPPLY CONNECTION	
3	DRAIN PIPE CONNECTION	VP20(O.D.φ26)
2	GAS PIPE CONNECTION	φ12.7 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ6.4 (FLARE CONNECTION)

C: 3D039005E

FFQ25BV1B / FFQ35BV1B / FFQ50BV1B / FFQ60BV1B with KDBQ44BA60A (Panel spacer)

Unit (mm)



ITEM	NAME	REMARK
3	PANEL SPACER	
2	DECORATION PANEL	
1	INDOOR UNIT	

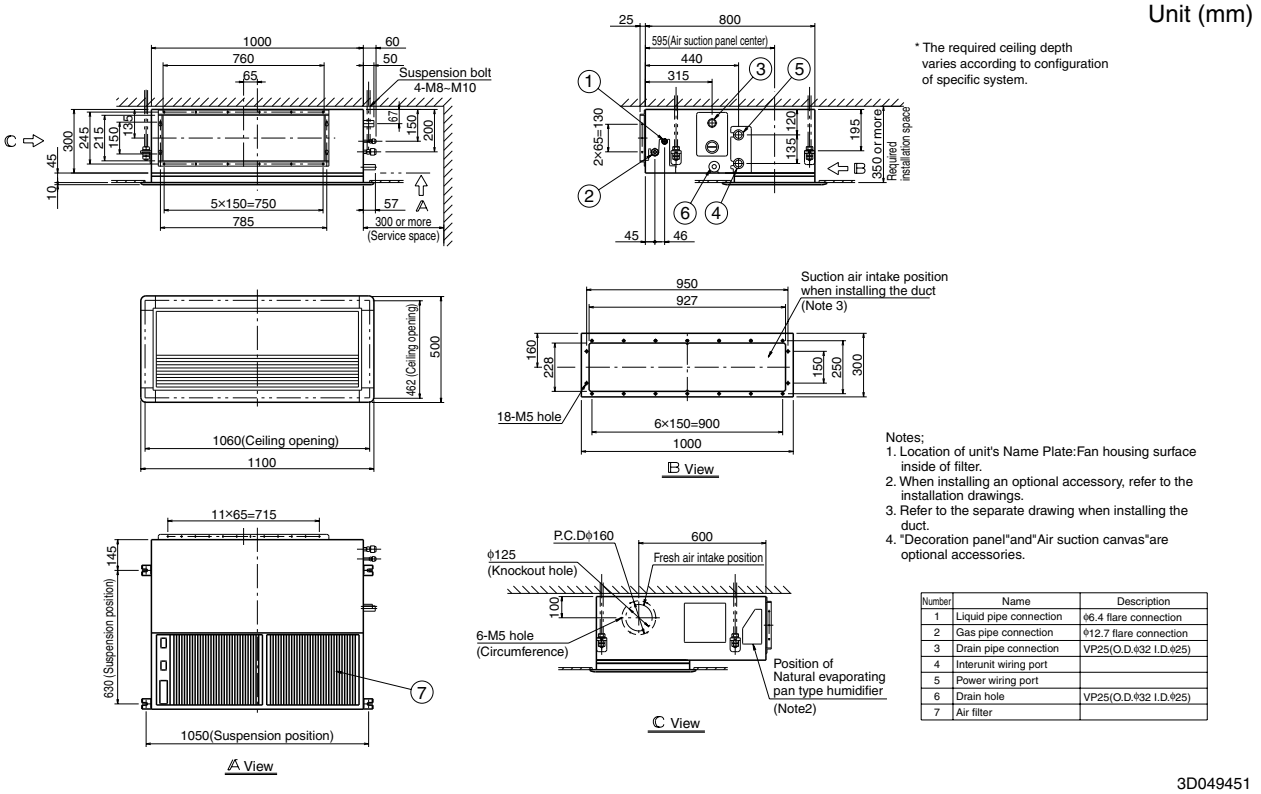
3D041038A

16

3.1.3 Ceiling Mounted Built-in Type

FBQ60BV1 with BYBS71DAW1 (BYBS71DJW1) (Decoration Panel)

Unit (mm)



* The required ceiling depth varies according to configuration of specific system.

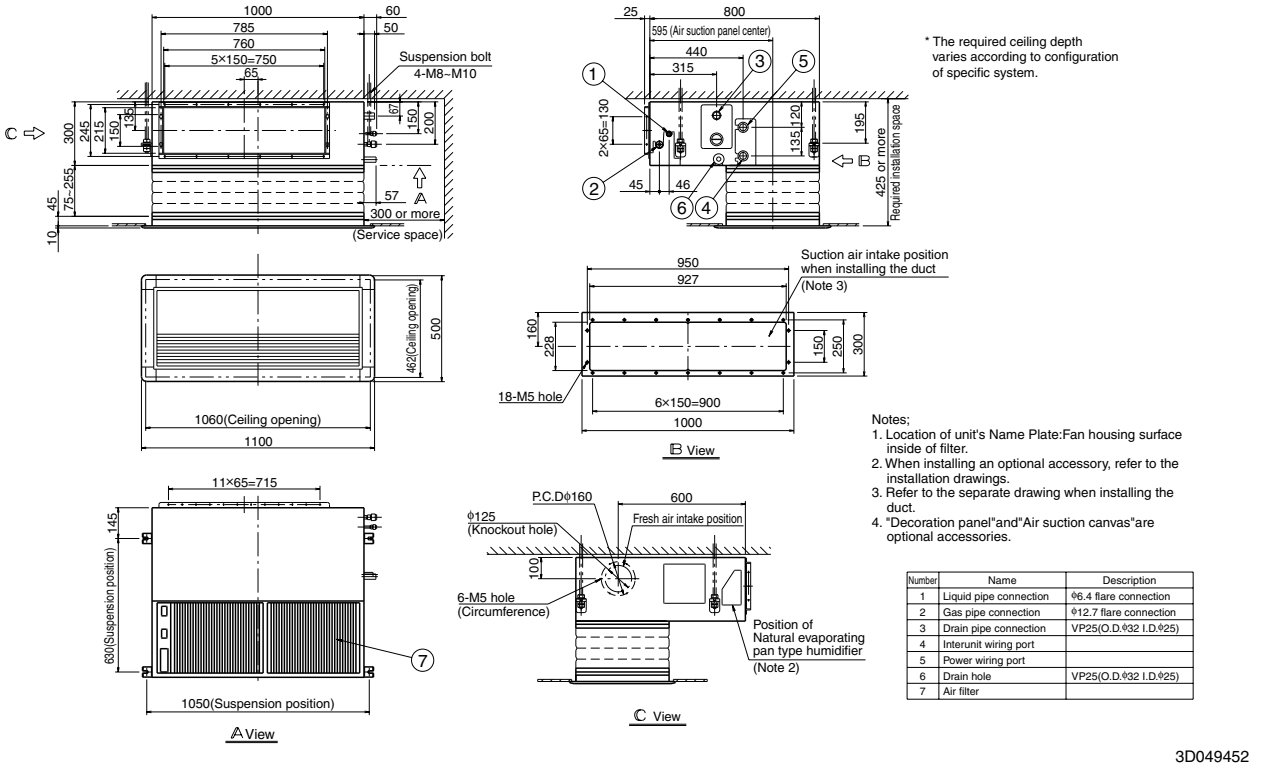
Notes;
1. Location of unit's Name Plate:Fan housing surface inside of filter.
2. When installing an optional accessory, refer to the installation drawings.
3. Refer to the separate drawing when installing the duct.
4. "Decoration panel"and"Air suction canvas"are optional accessories.

Number	Name	Description
1	Liquid pipe connection	ϕ6.4 flare connection
2	Gas pipe connection	ϕ12.7 flare connection
3	Drain pipe connection	VP25(O.D.ϕ32 I.D.ϕ25)
4	Interunit wiring port	
5	Power wiring port	
6	Drain hole	VP25(O.D.ϕ32 I.D.ϕ25)
7	Air filter	

3D049451

FBQ60BV1 with BYBS71DAW1 (BYBS71DJW1) (Decoration Panel) and KSA-25KA80 (Canvas Duct)

Unit (mm)



* The required ceiling depth varies according to configuration of specific system.

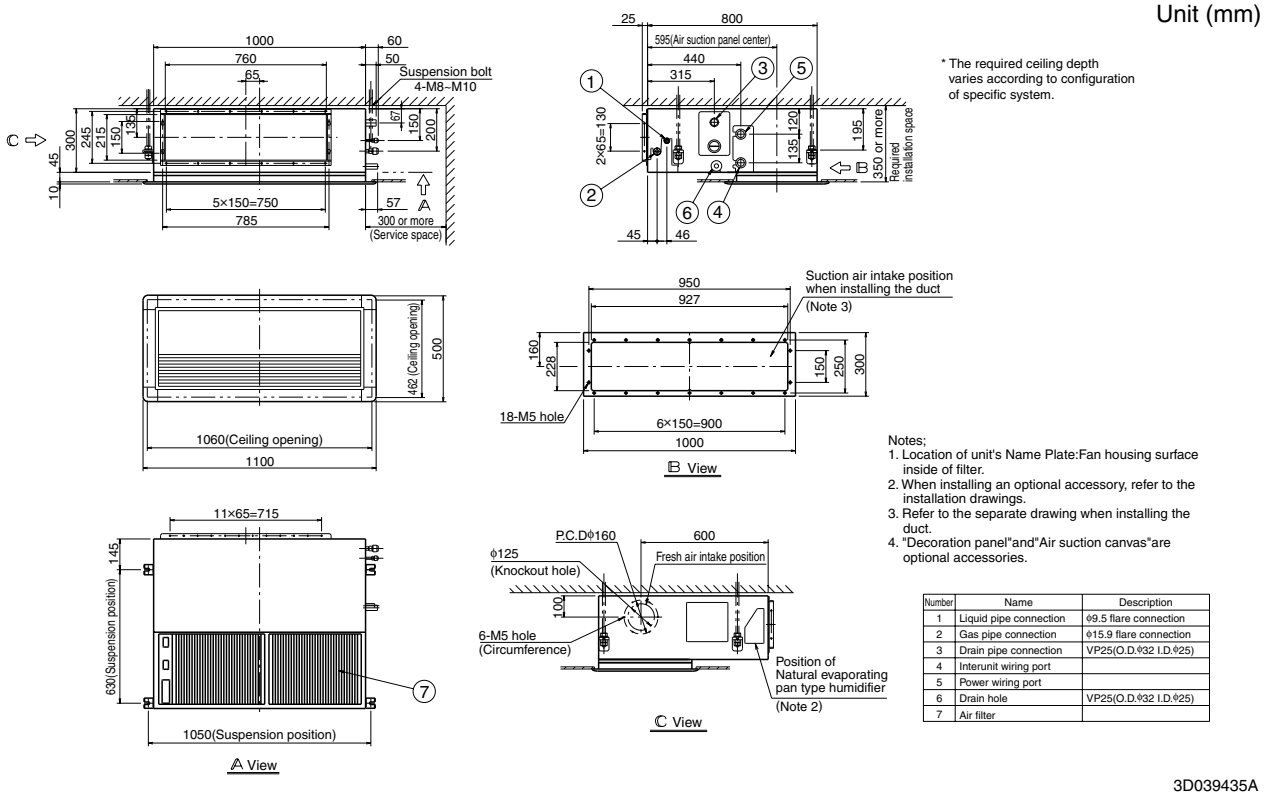
Notes;
1. Location of unit's Name Plate:Fan housing surface inside of filter.
2. When installing an optional accessory, refer to the installation drawings.
3. Refer to the separate drawing when installing the duct.
4. "Decoration panel"and"Air suction canvas"are optional accessories.

Number	Name	Description
1	Liquid pipe connection	Φ6.4 flare connection
2	Gas pipe connection	ϕ12.7 flare connection
3	Drain pipe connection	VP25(O.D.ϕ32 I.D.ϕ25)
4	Interunit wiring port	
5	Power wiring port	
6	Drain hole	VP25(O.D.ϕ32 I.D.ϕ25)
7	Air filter	

3D049452

FBQ71BV1 with BYBS71DAW1 (BYBS71DJW1) (Decoration Panel)

Unit (mm)



* The required ceiling depth varies according to configuration of specific system.

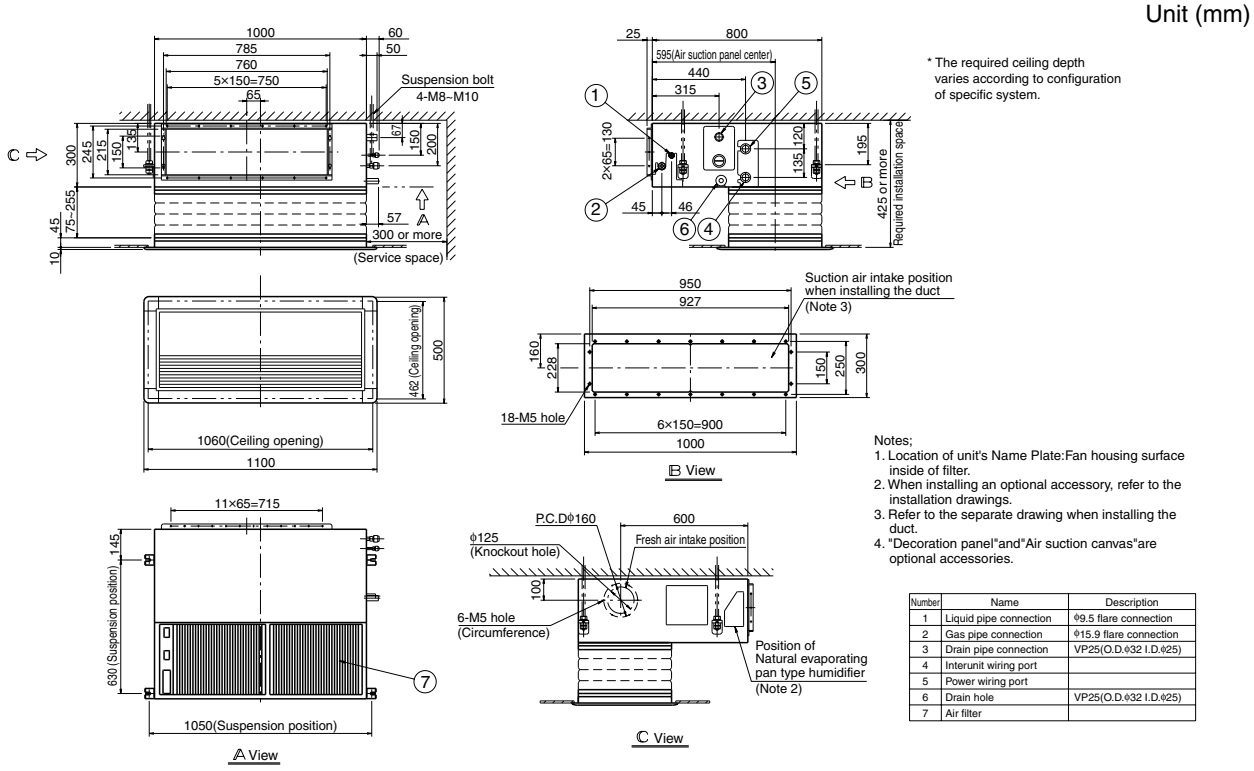
Notes;
1. Location of unit's Name Plate:Fan housing surface inside of filter.
2. When installing an optional accessory, refer to the installation drawings.
3. Refer to the separate drawing when installing the duct.
4. "Decoration panel"and"Air suction canvas"are optional accessories.

Number	Name	Description
1	Liquid pipe connection	ϕ9.5 flare connection
2	Gas pipe connection	ϕ15.9 flare connection
3	Drain pipe connection	VP25(O.D.ϕ32 I.D.ϕ25)
4	Interunit wiring port	
5	Power wiring port	
6	Drain hole	VP25(O.D.ϕ32 I.D.ϕ25)
7	Air filter	

3D039435A

FBQ71BV1 with BYBS71DAW1 (BYBS71DJW1) (Decoration Panel) and KSA-25KA80 (Canvas Duct)

Unit (mm)



* The required ceiling depth varies according to configuration of specific system.

Notes;
1. Location of unit's Name Plate:Fan housing surface inside of filter.
2. When installing an optional accessory, refer to the installation drawings.
3. Refer to the separate drawing when installing the duct.
4. "Decoration panel"and"Air suction canvas"are optional accessories.

Number	Name	Description
1	Liquid pipe connection	ϕ9.5 flare connection
2	Gas pipe connection	ϕ15.9 flare connection
3	Drain pipe connection	VP25(O.D.ϕ32 I.D.ϕ25)
4	Interunit wiring port	
5	Power wiring port	
6	Drain hole	VP25(O.D.ϕ32 I.D.ϕ25)
7	Air filter	

3D039439A

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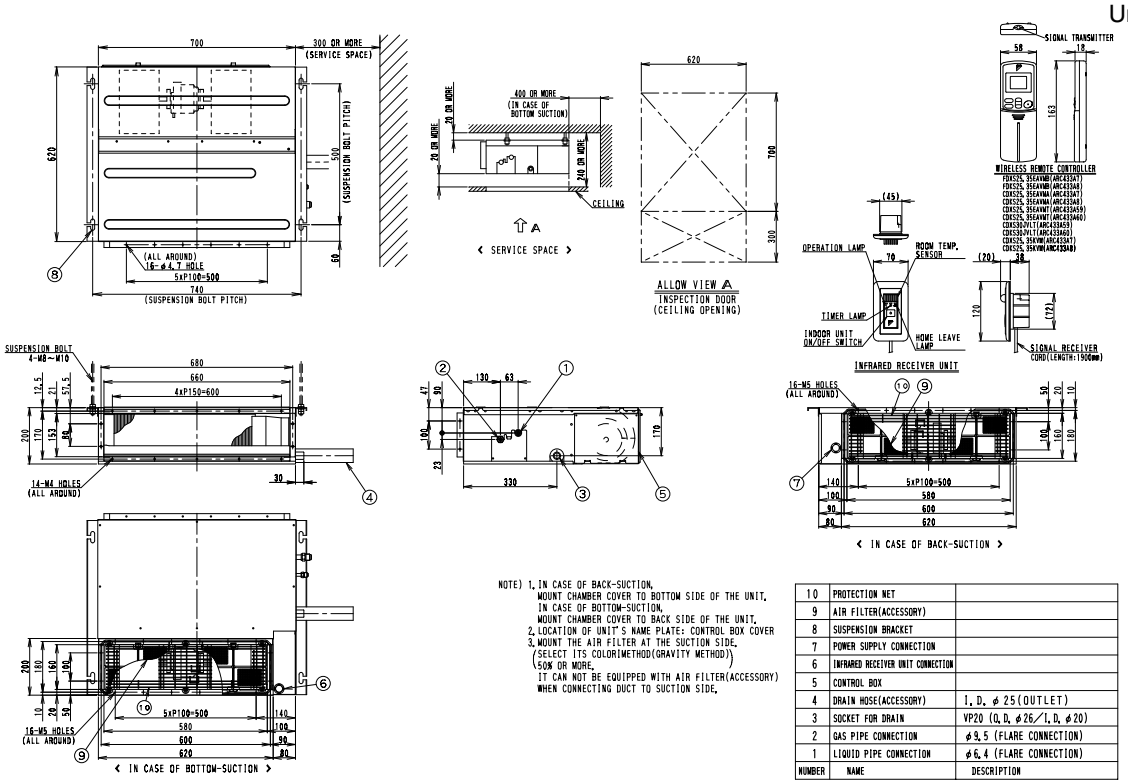
3.1.4 Slim Ceiling Mounted Duct Type

FDKS25EAVMB / FDKS35EAVMB

Unit (mm)



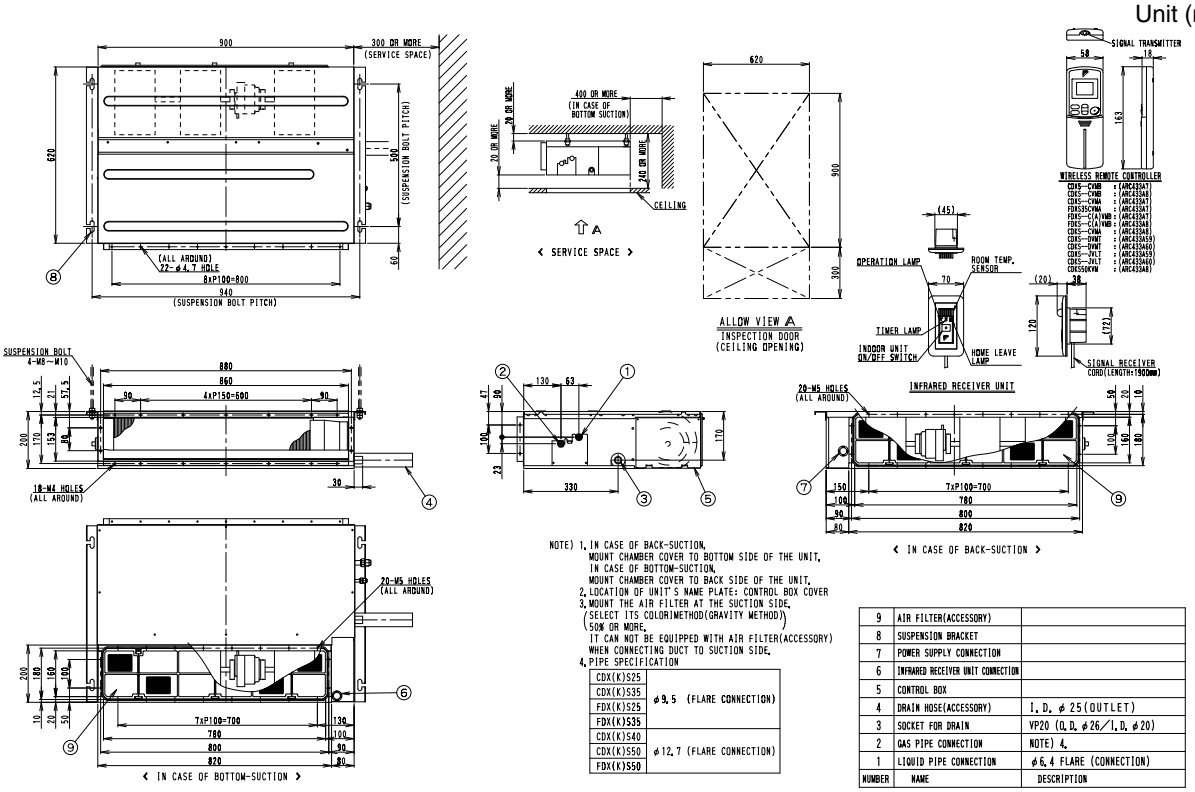
NOTE) 1. IN CASE OF BACK-SUCTION,
MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT.
IN CASE OF BOTTOM-SUCTION,
MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE.
(SELECT ITS COLOR/METHOD(GRAVITY METHOD))
(50% OR MORE.
IT CAN NOT BE EQUIPPED WITH AIR FILTER(ACCESSORY)
WHEN CONNECTING DUCT TO SUCTION SIDE.

NUMBER	NAME	DESCRIPTION
10	PROTECTION NET	
9	AIR FILTER(ACCESSORY)	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	INFRARED RECEIVER UNIT CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I. D. φ 25(OUTLET)
3	SOCKET FOR DRAIN	VP20 (O. D. φ26/I. D. φ20)
2	GAS PIPE CONNECTION	φ9.5 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ6.4 (FLARE CONNECTION)

3D050379C

FDKS25CAVMB / FDKS35CAVMB / FDKS50CVMB

Unit (mm)



NOTE) 1. IN CASE OF BACK-SUCTION,
MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT.
IN CASE OF BOTTOM-SUCTION,
MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE.
(SELECT ITS COLOR/METHOD(GRAVITY METHOD))
(50% OR MORE.
IT CAN NOT BE EQUIPPED WITH AIR FILTER(ACCESSORY)
WHEN CONNECTING DUCT TO SUCTION SIDE.
4. PIPE SPECIFICATION

CDX(K)S25	φ9.5 (FLARE CONNECTION)
CDX(K)S35	
FDX(K)S25	
FDX(K)S35	
CDX(K)S40	φ12.7 (FLARE CONNECTION)
CDX(K)S50	
FDX(K)S50	

NUMBER	NAME	DESCRIPTION
9	AIR FILTER(ACCESSORY)	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	INFRARED RECEIVER UNIT CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I. D. φ 25(OUTLET)
3	SOCKET FOR DRAIN	VP20 (O. D. φ26/I. D. φ20)
2	GAS PIPE CONNECTION	NOTE) 4.
1	LIQUID PIPE CONNECTION	φ6.4 FLARE (CONNECTION)

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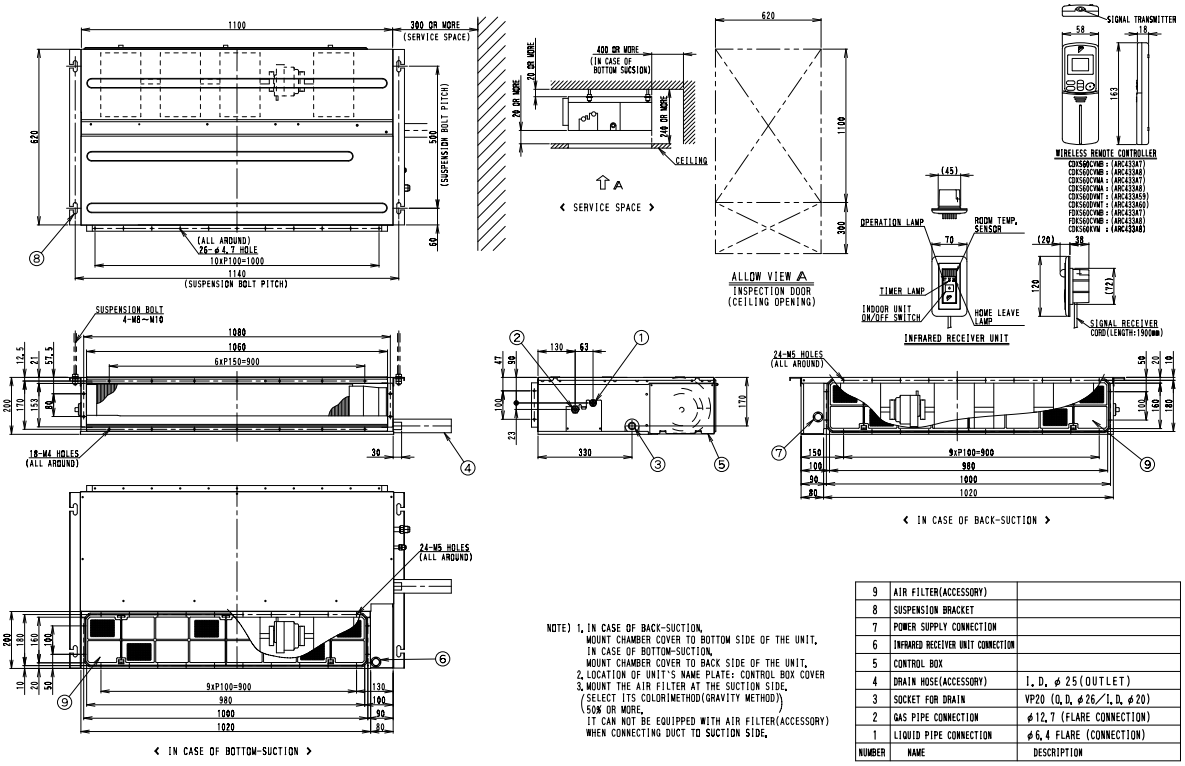
FDKS60CVMB

Unit (mm)



NOTE) 1. IN CASE OF BACK-SUCTION,
MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT.
IN CASE OF BOTTOM-SUCTION,
MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE.
(SELECT ITS COLORIMETHOD(GRAVITY METHOD))
50% OR MORE,
IT CAN NOT BE EQUIPPED WITH AIR FILTER(ACCESSORY)
WHEN CONNECTING DUCT TO SUCTION SIDE.

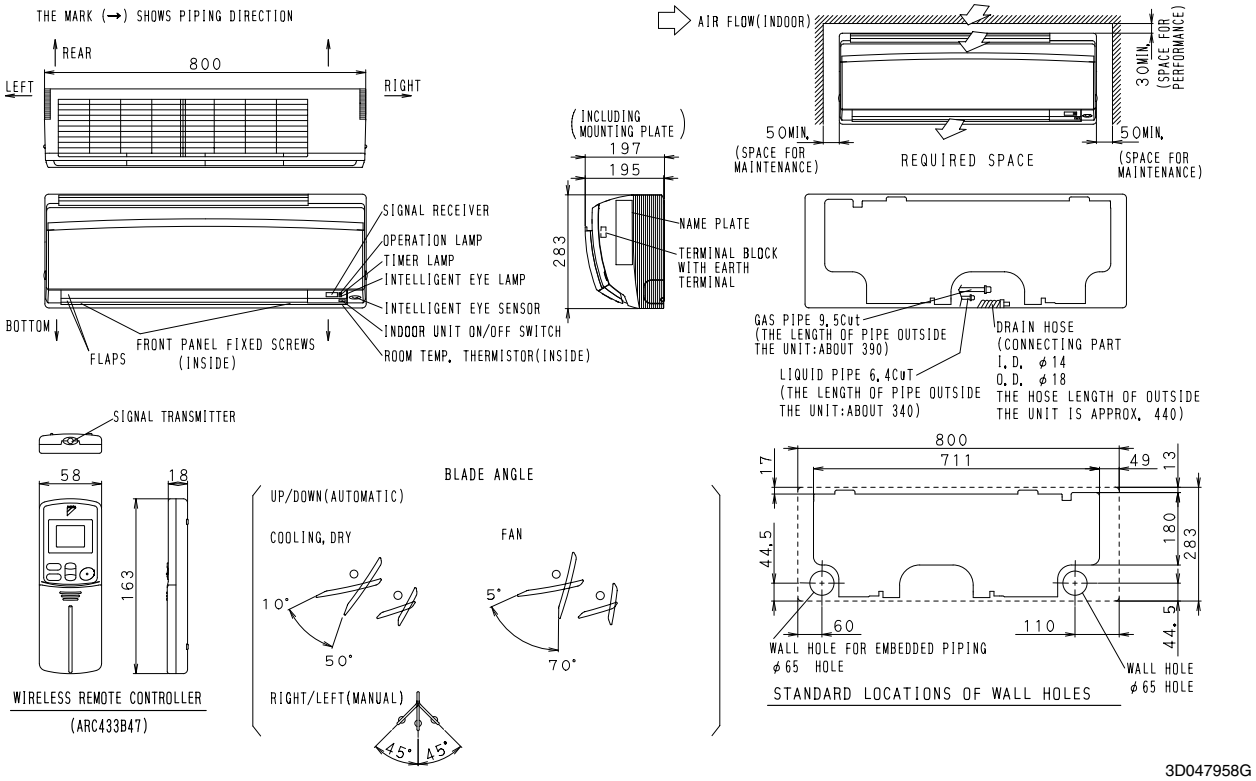
NUMBER	NAME	DESCRIPTION
9	AIR FILTER(ACCESSORY)	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	INFRARED RECEIVER UNIT CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE(ACCESSORY)	I. D. φ25(OUTLET)
3	SOCKET FOR DRAIN	VP20 (O. D. φ26/I. D. φ20)
2	GAS PIPE CONNECTION	φ12.7 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ6.4 FLARE (CONNECTION)

3D045487D

3.1.5 Wall Mounted Type

FTKS25DVM / FTKS35DVM

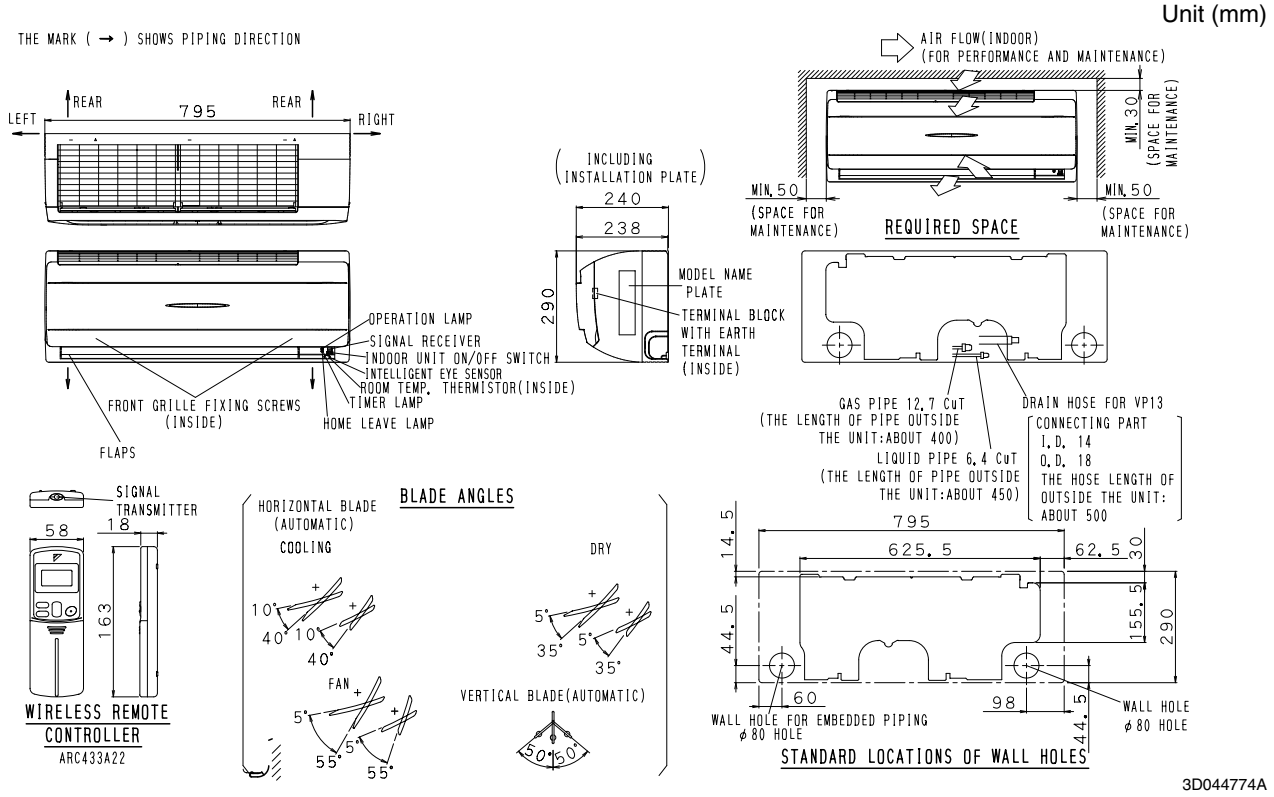
Unit (mm)



3D047958G

FTKS50BVMA

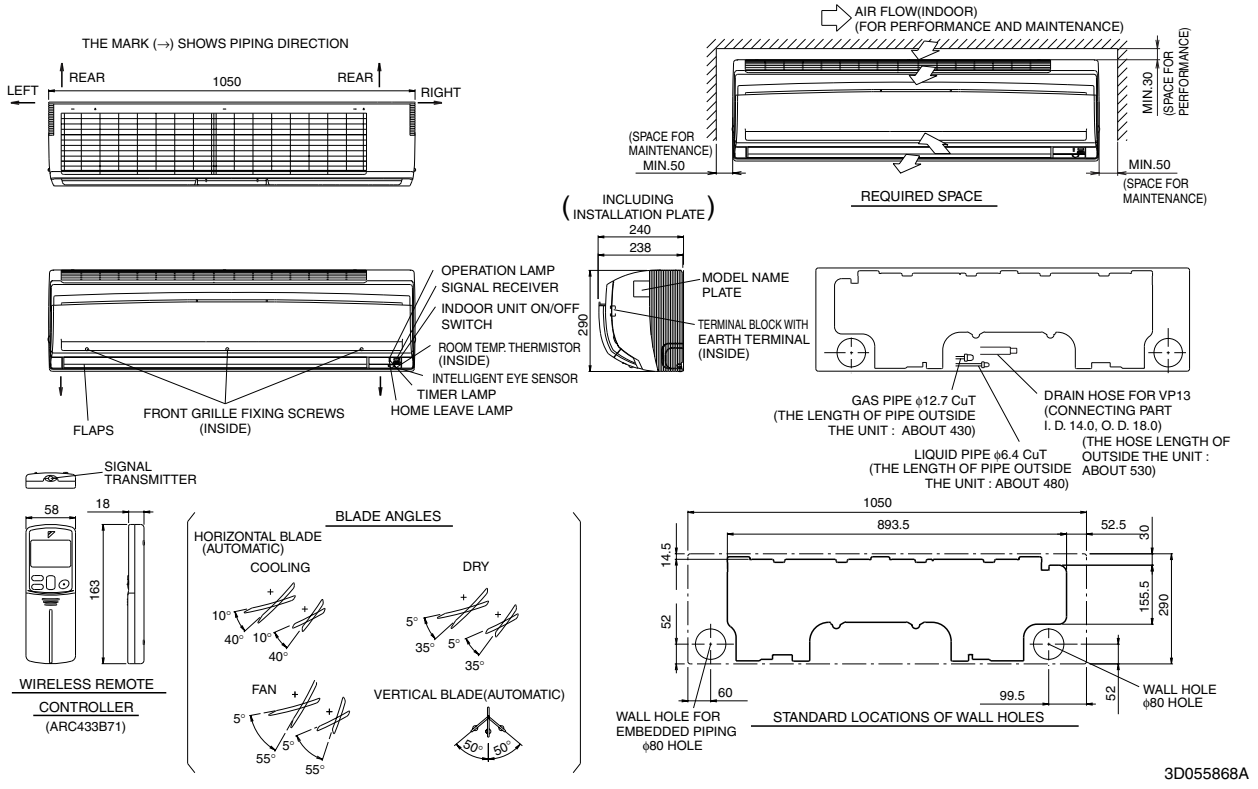
Unit (mm)



3D044774A

FTKS50FVM / FTKS60FVM

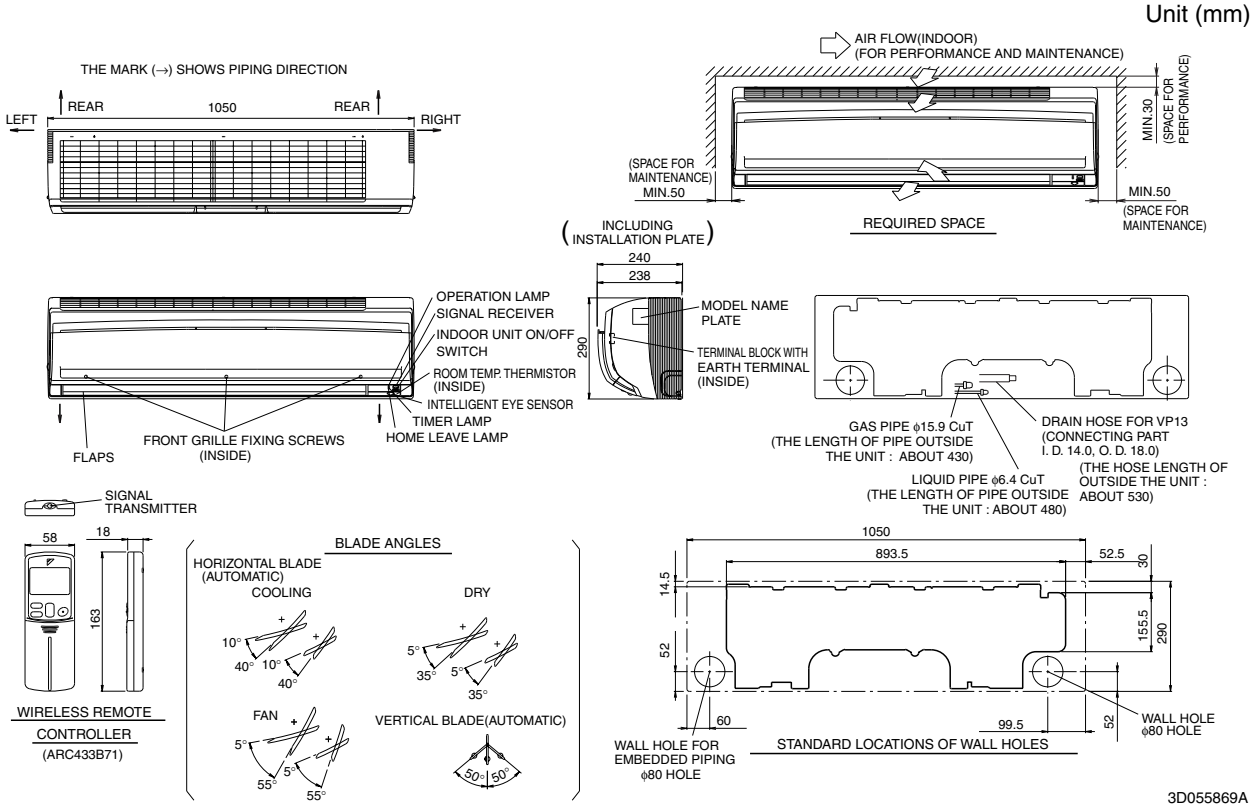
Unit (mm)



3D055868A

FTKS71FVM

Unit (mm)



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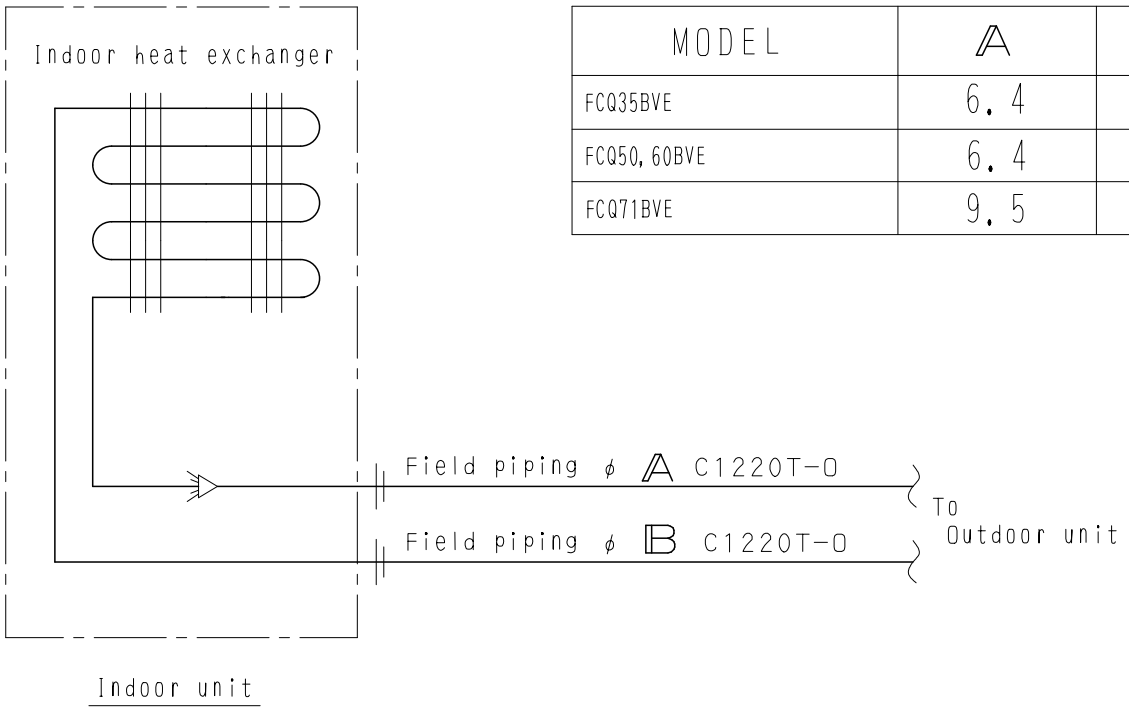
4. Piping Diagrams

4.1 Indoor Units

4.1.1 Ceiling Mounted Cassette Type

FCQ35BVE / FCQ50BVE / FCQ60BVE / FCQ71BVE

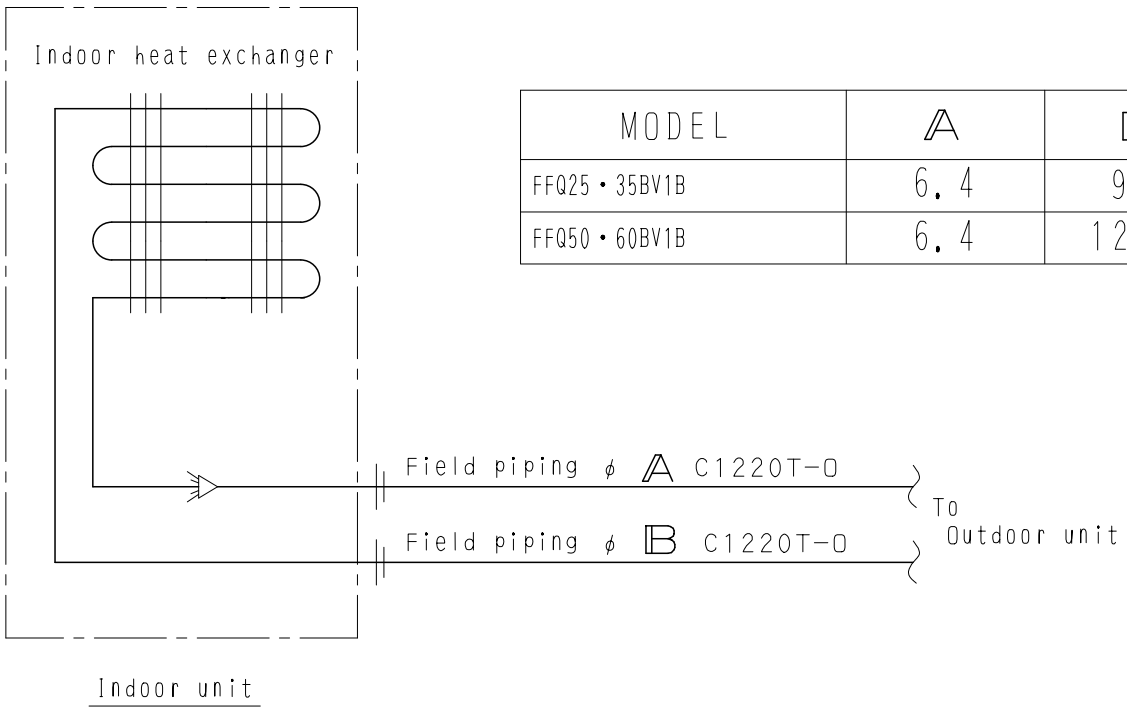


MODEL	A	B
FCQ35BVE	6.4	9.5
FCQ50, 60BVE	6.4	12.7
FCQ71BVE	9.5	15.9

C: 4D037995V

4.1.2 Ceiling Mounted Cassette (Compact Multi Flow) Type

FFQ25BV1B / FFQ35BV1B / FFQ50BV1B / FFQ60BV1B

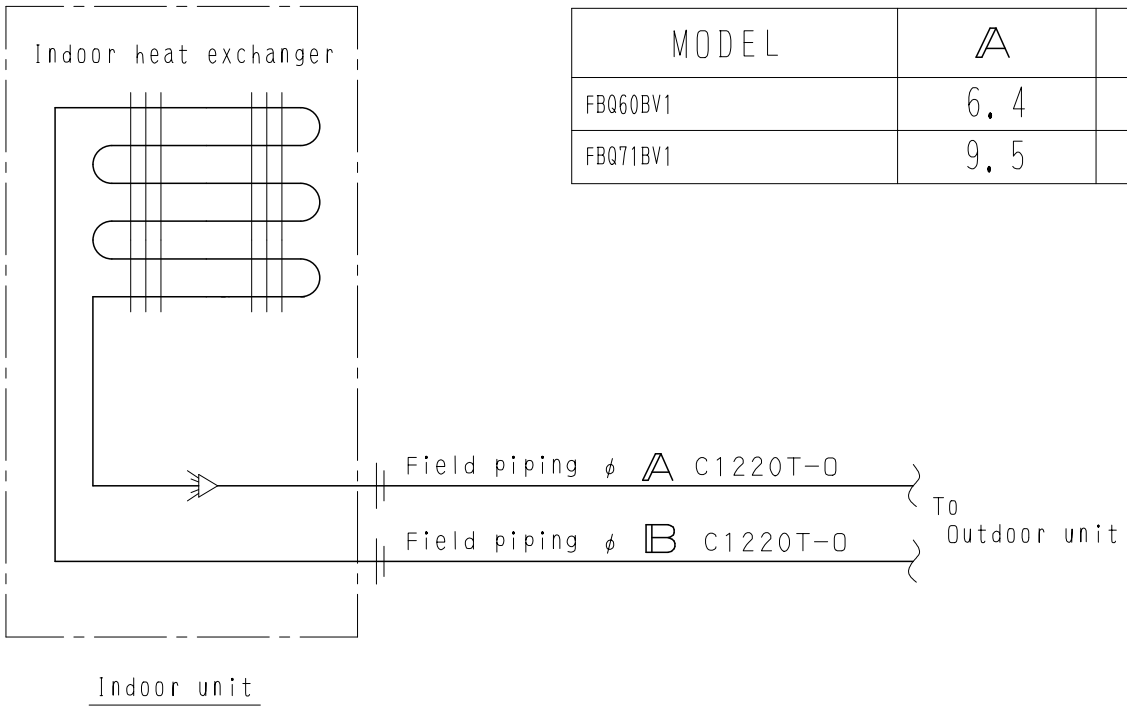


MODEL	A	B
FFQ25・35BV1B	6.4	9.5
FFQ50・60BV1B	6.4	12.7

C: 4D039335B

4.1.3 Ceiling Mounted Built-in Type

FBQ60BV1 / FBQ71BV1

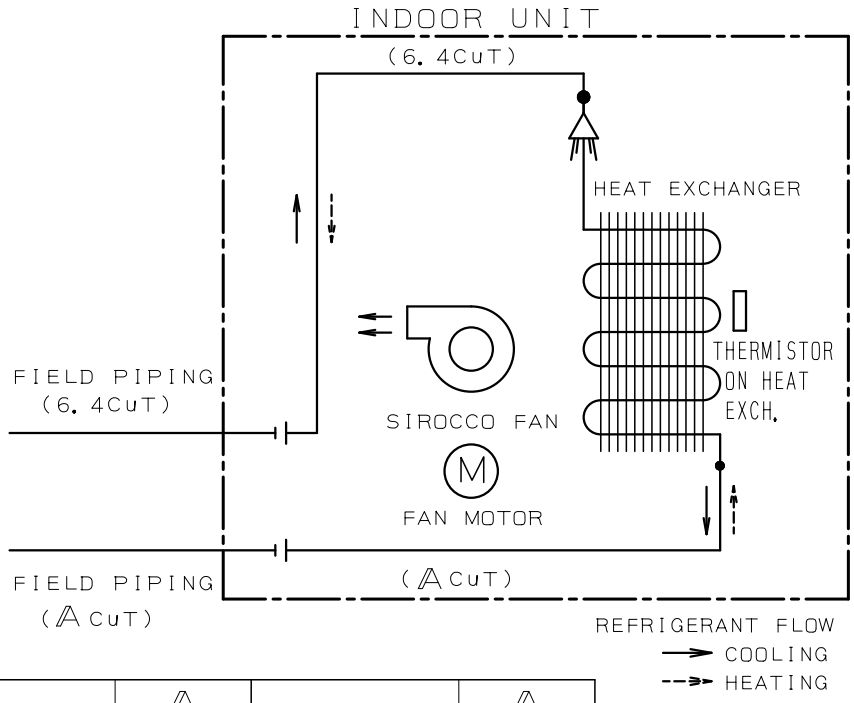


MODEL	A	B
FBQ60BV1	6.4	12.7
FBQ71BV1	9.5	15.9

C: 4D037995V

4.1.4 Slim Ceiling Mounted Duct Type

FDKS25EAVMB / FDKS35EAVMB / FDKS25CAVMB / FDKS35CAVMB / FDKS50CVMB / FDKS60CVMB



	A		A
FDKS25EAVMB FDKS35EAVMB FDKS25CAVMB FDKS35CAVMB	9.5	FDKS50CVMB FDKS60CVMB	12.7

C: 4D045449S

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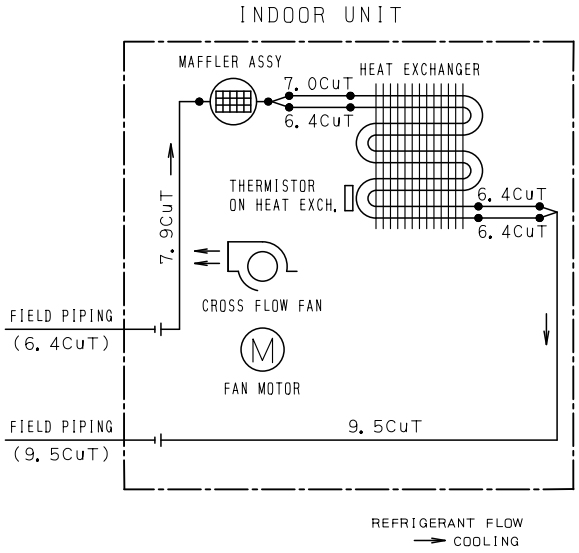
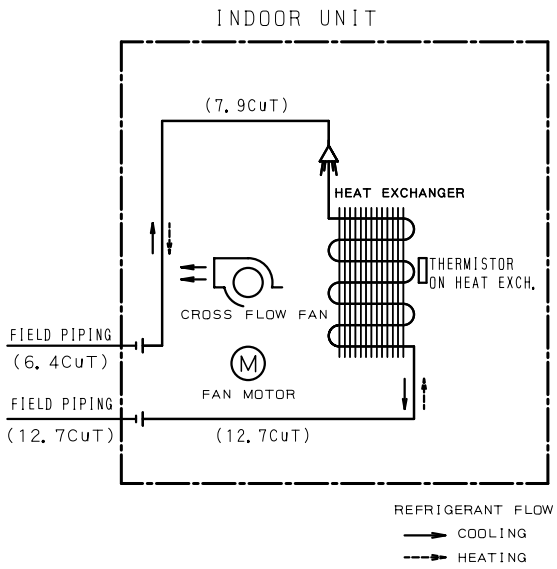
4.1.5 Wall Mounted Type

FTKS25DVM / FTKS35DVM



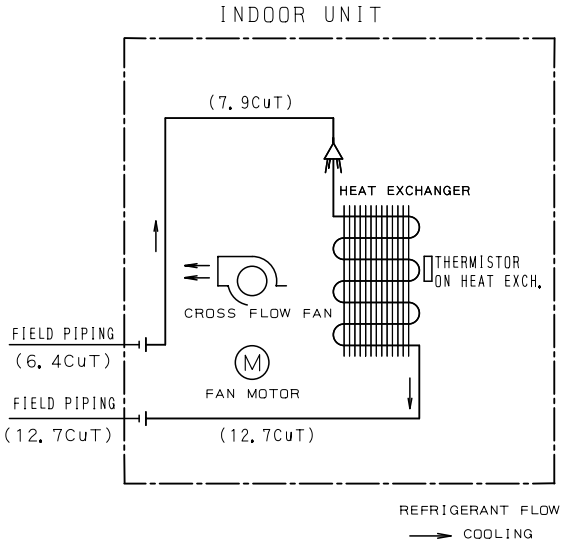
4D050757E

FTKS50BVMA



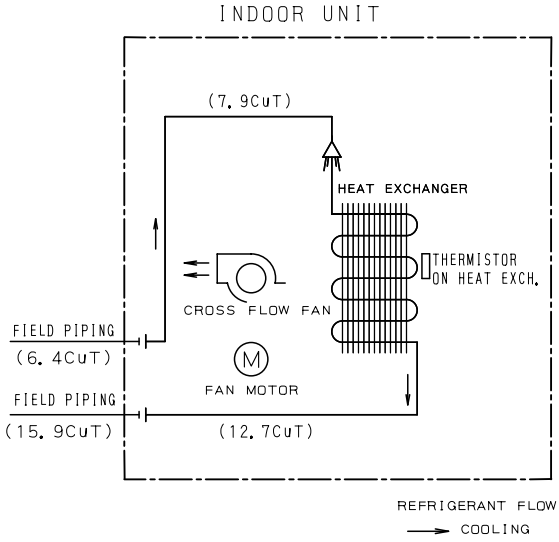
4D040081Y

FTKS50FVM / FTKS60FVM



4D054932J

FTKS71FVM



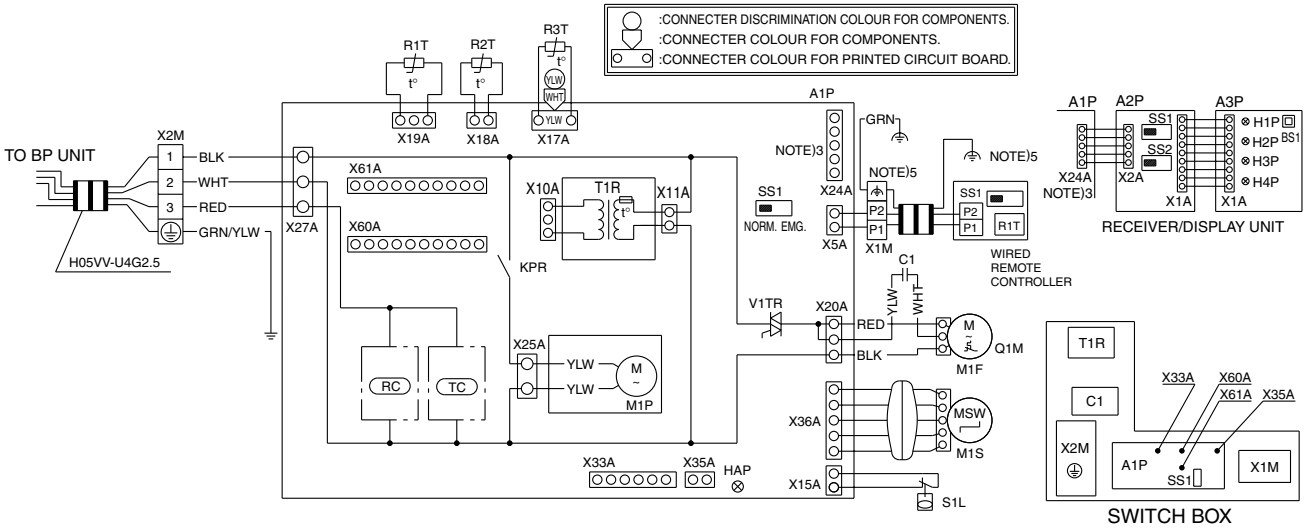
4D050919L

5. Wiring Diagrams

5.1 Indoor Units

5.1.1 Ceiling Mounted Cassette Type

FCQ35BVE / FCQ50BVE / FCQ60BVE / FCQ71BVE



NOTES)

1. : TERMINAL , : CONNECTOR
   : FIELD WIRING
2. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
3. X24A IS CONNECTED WHEN THE WIRELESS REMOTE CONTROLLER KIT IS BEING USED.
4. REMOTE CONTROLLER MODEL VARIES ACCORDING TO THE COMBINATION SYSTEM, CONFIRM ENGINEERING MATERIALS AND CATALOGS, ETC. BEFORE CONNECTING.
5. GROUND THE SHIELD OF THE REMOTE CONTROLLER CORD TO THE INDOOR UNIT (IN CASE OF USING SHIELD WIRE).
6. SYMBOLS SHOW AS FOLLOWS: RED:RED BLK:BLACK WHT:WHITE YLW:YELLOW PRP:PURPLE GRY:GRAY BLU:BLUE
7. CONFIRM THE METHOD OF SETTING THE SELECTOR SWITCH(SS1,SS2) BY INSTALLATION MANUAL AND ENGINEERING DATA, ETC.

A1P	PRINTED CIRCUIT BOARD	BS1	PUSH BUTTON(ON/OFF)
C1	CAPACITOR(M1F)	H1P	LIGHT EMITTING DIODE (ON-RED)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)	H2P	LIGHT EMITTING DIODE (TIMER-GREEN)
KPR	MAGNETIC RELAY(M1P)	H3P	LIGHT EMITTING DIODE (FILTER SIGN-RED)
M1F	MOTOR(INDOOR FAN)	H4P	LIGHT EMITTING DIODE (DEFROST-ORANGE)
M1P	MOTOR(DRAIN PUMP)	SS1	SELECTOR SWITCH (MAIN/SUB)
M1S	MOTOR(SWING FLAP)	SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
Q1M	THERMO SWITCH(M1F EMBEDDED)	CONNECTOR FOR OPTIONAL PARTS	
R1T	THERMISTOR(AIR)	X33A	CONNECTOR (ADAPTOR FOR WIRING)
R2T	THERMISTOR(LIQUID)	X35A	CONNECTOR (GROUP CONTROL ADAPTOR)
R3T	THERMISTOR(COIL)	X60A X61A	CONNECTOR (INTERFACE ADAPTOR FOR SKY AIR SERIES)
S1L	FLOAT SWITCH		
SS1	SELECTOR SWITCH(EMERGENCY)		
T1R	TRANSFORMER(220-240V/22V)		
V1TR	PHASE CONTROL CIRCUIT		
X1M	TERMINAL STRIP		
X2M	TERMINAL STRIP		
(RC)	SIGNAL RECEIVER CIRCUIT		
(TC)	SIGNAL TRANSMISSION CIRCUIT		
WIRED REMOTE CONTROLLER			
R1T	THERMISTOR(AIR)		
SS1	SELECTOR SWITCH(MAIN/SUB)		
WIRELESS REMOTE CONTROLLER (RECEIVER/DISPLAY UNIT)			
A2P	PRINTED CIRCUIT BOARD		
A3P	PRINTED CIRCUIT BOARD		

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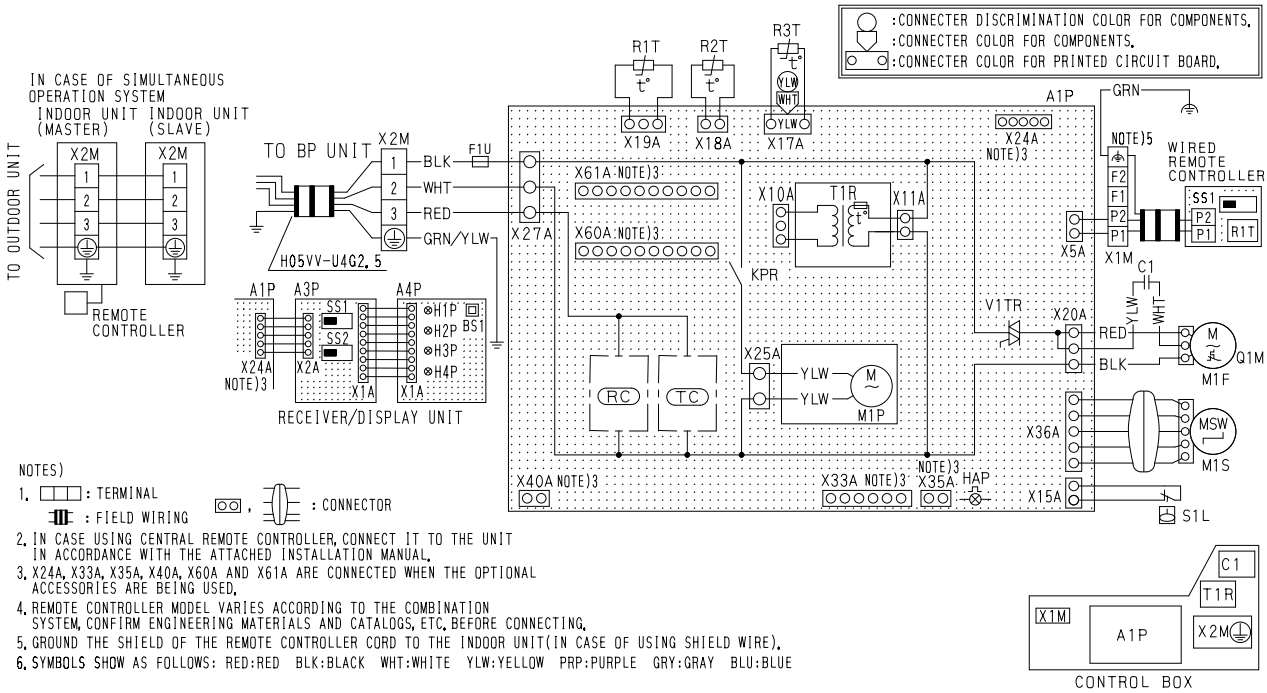
5.1.2 Ceiling Mounted Cassette (Compact Multi Flow) Type

FFQ25BV1B / FFQ35BV1B / FFQ50BV1B / FFQ60BV1B

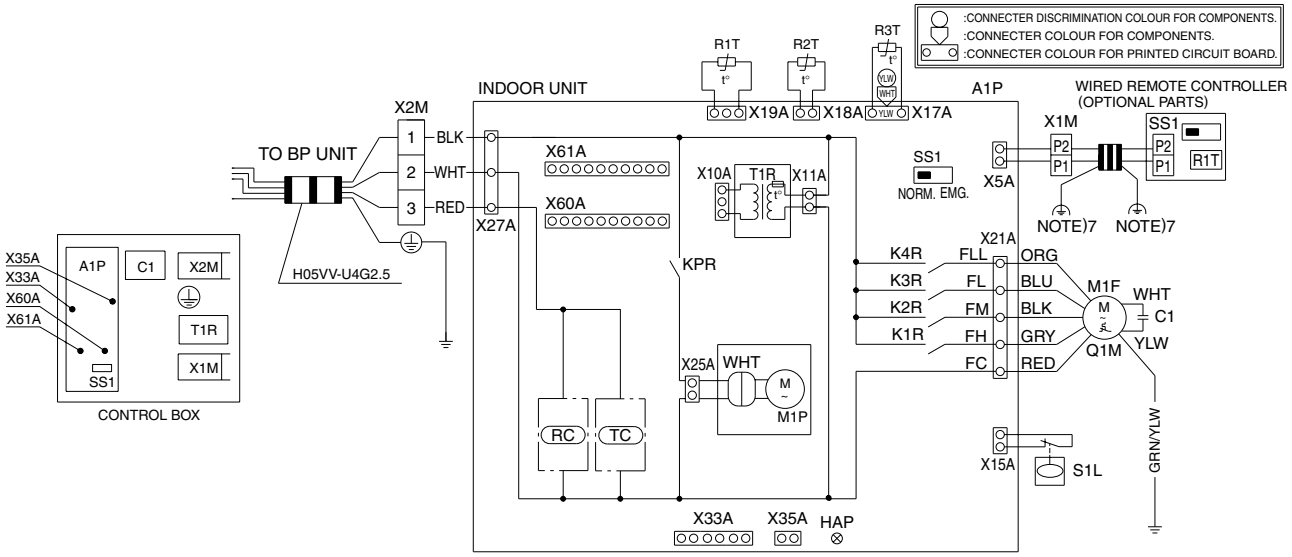


A1P	PRINTED CIRCUIT BOARD	BS1	PUSH BUTTON(ON/OFF)
C1	CAPACITOR(M1F)	H1P	LIGHT EMITTING DIODE (ON-RED)
F1U	FUSE(F, 5A, 250V)		
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)	H2P	LIGHT EMITTING DIODE (TIMER-GREEN)
KPR	MAGNETIC RELAY(M1P)	H3P	LIGHT EMITTING DIODE (FILTER SIGN-RED)
M1F	MOTOR(INDOOR FAN)		
M1P	MOTOR(DRAIN PUMP)	H4P	LIGHT EMITTING DIODE (DEFROST-ORANGE)
M1S	MOTOR(SWING FLAP)		
Q1M	THERMO SWITCH(M1F EMBEDDED)	SS1	SELECTOR SWITCH (MAIN/SUB)
R1T	THERMISTOR(AIR)		
R2T	THERMISTOR(COIL-1)	SS2	SELECTOR SWITCH (WIRELESS ADDRESS SET)
R3T	THERMISTOR(COIL-2)		
S1L	FLOAT SWITCH	CONNECTOR FOR OPTIONAL PARTS	
T1R	TRANSFORMER(220-240V/22V)	X24A	CONNECTOR (WIRELESS REMOTE CONTROLLER)
V1TR	PHASE CONTROL CIRCUIT		
X1M	TERMINAL STRIP	X33A	CONNECTOR (ADAPTOR FOR WIRING)
X2M	TERMINAL STRIP		
(RC)	SIGNAL RECEIVER CIRCUIT	X35A	CONNECTOR (GROUP CONTROL ADAPTOR)
(TC)	SIGNAL TRANSMISSION CIRCUIT		
WIRED REMOTE CONTROLLER		X40A	CONNECTOR (ON/OFF INPUT FROM OUTSIDE)
R1T	THERMISTOR(AIR)		
SS1	SELECTOR SWITCH(MAIN/SUB)	X60A X61A	CONNECTOR (INTERFACE ADAPTOR FOR SKY AIR SERIES)
WIRELESS REMOTE CONTROLLER (RECEIVER/DISPLAY UNIT)			
A3P	PRINTED CIRCUIT BOARD		
A4P	PRINTED CIRCUIT BOARD		

C: 3D064844A

5.1.3 Ceiling Mounted Built-in Type

FBQ60BV1 / FBQ71BV1



NOTES) 1. :TERMINAL , :CONNECTOR
2. :FIELD WIRING
3. IN CASE USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
4. REMOTE CONTROLLER MODEL VARIES ACCORDING TO THE COMBINATION SYSTEM, CONFIRM ENGINEERING MATERIALS AND CATALOGS, ETC. BEFORE CONNECTING.
5. SYMBOLS SHOW AS FOLLOWS: RED:RED BLK:BLACK WHT:WHITE YLW:YELLOW GRN:GREEN GRY:GRAY BLU:BLUE ORG:ORANGE
6. CONFIRM THE METHOD OF SETTING THE SELECTOR SWITCH(SS1) BY INSTALLATION MANUAL AND ENGINEERING MATERIALS, ETC.
7. GROUND THE SHIELD OF THE REMOTE CONTROLLER CORD TO THE INDOOR UNIT (IN CASE OF USING SHIELD WIRE).

A1P	PRINTED CIRCUIT BOARD	CONNECTOR FOR OPTIONAL PARTS	
C1	CAPACITOR(M1F)	X33A	CONNECTOR (ADAPTOR FOR WIRING)
HAP	LIGHT EMITTING DIODE (SERVICE MONITOR GREEN)	X35A	CONNECTOR (GROUP CONTROL ADAPTOR)
K1R~4R	MAGNETIC RELAY(M1F)		
KPR	MAGNETIC RELAY(M1P)	X60A	CONNECTOR
M1F	MOTOR(INDOOR FAN)	X61A	(INTERFACE ADAPTOR
M1P	MOTOR(DRAIN PUMP)		FOR SKY AIR SERIES)
Q1M	THERMO SWITCH(M1F EMBEDDED)		
R1T	THERMISTOR(AIR)		
R2T	THERMISTOR(LIQUID)		
R3T	THERMISTOR(COIL)		
SS1	SELECTOR SWITCH (EMERGENCY)		
S1L	FLOAT SWITCH		
T1R	TRANSFORMER(220-240V/22V)		
X1M	TERMINAL STRIP		
X2M	TERMINAL STRIP		
(RC)	SIGNAL RECEIVER CIRCUIT		
(TC)	SIGNAL TRANSMISSION CIRCUIT		
WIRED REMOTE CONTROLLER			
R1T	THERMISTOR(AIR)		
SS1	SELECTOR SWITCH(MAIN/SUB)		

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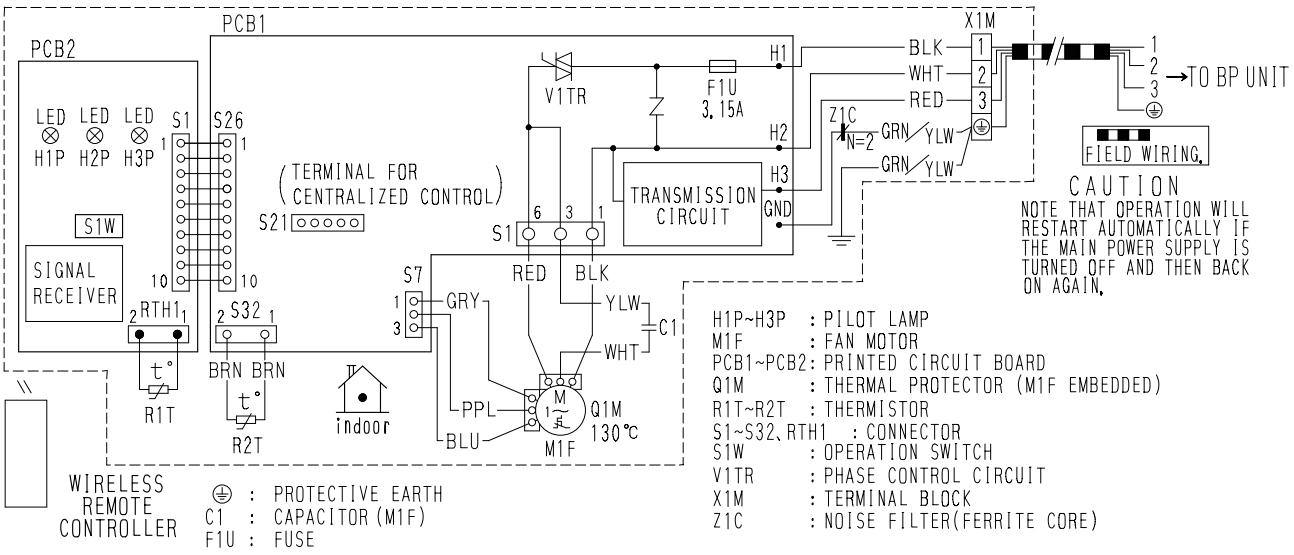
5.1.4 Slim Ceiling Mounted Duct Type

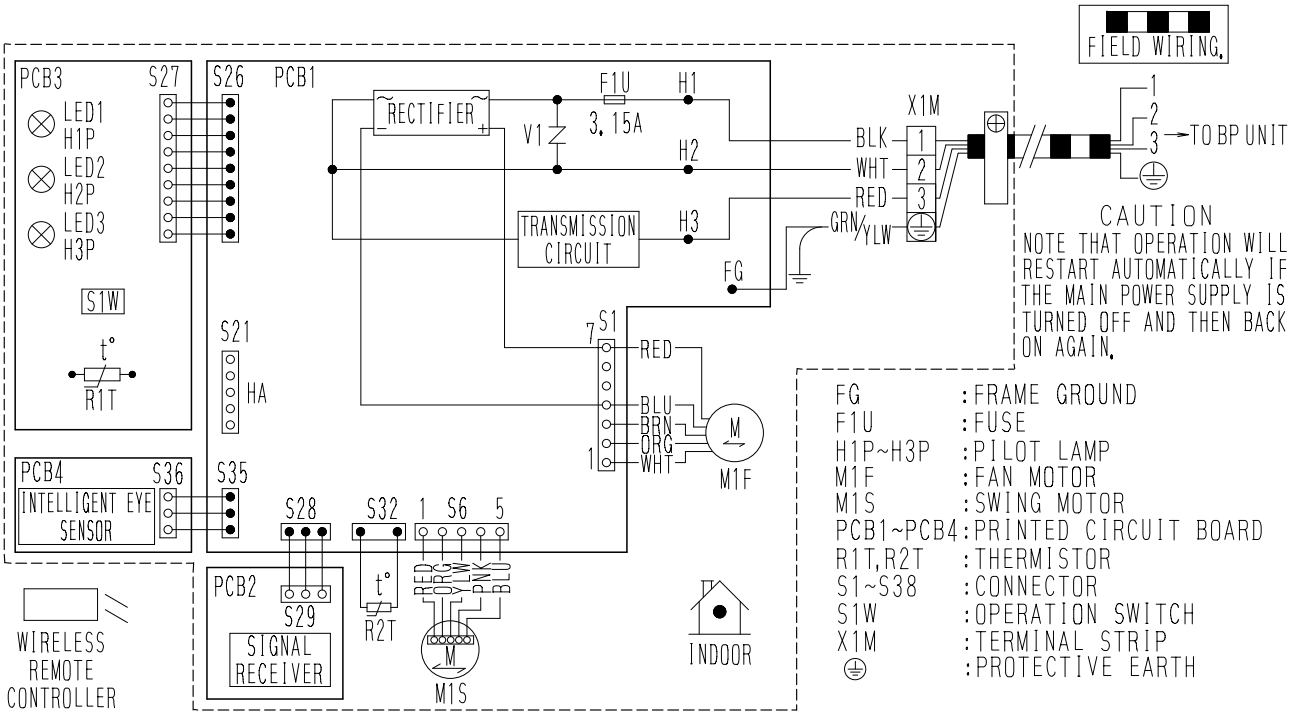
FDKS25EAVMB / FDKS35EAVMB / FDKS25CAVMB / FDKS35CAVMB / FDKS50CVMB / FDKS60CVMB



C: 3D045012M

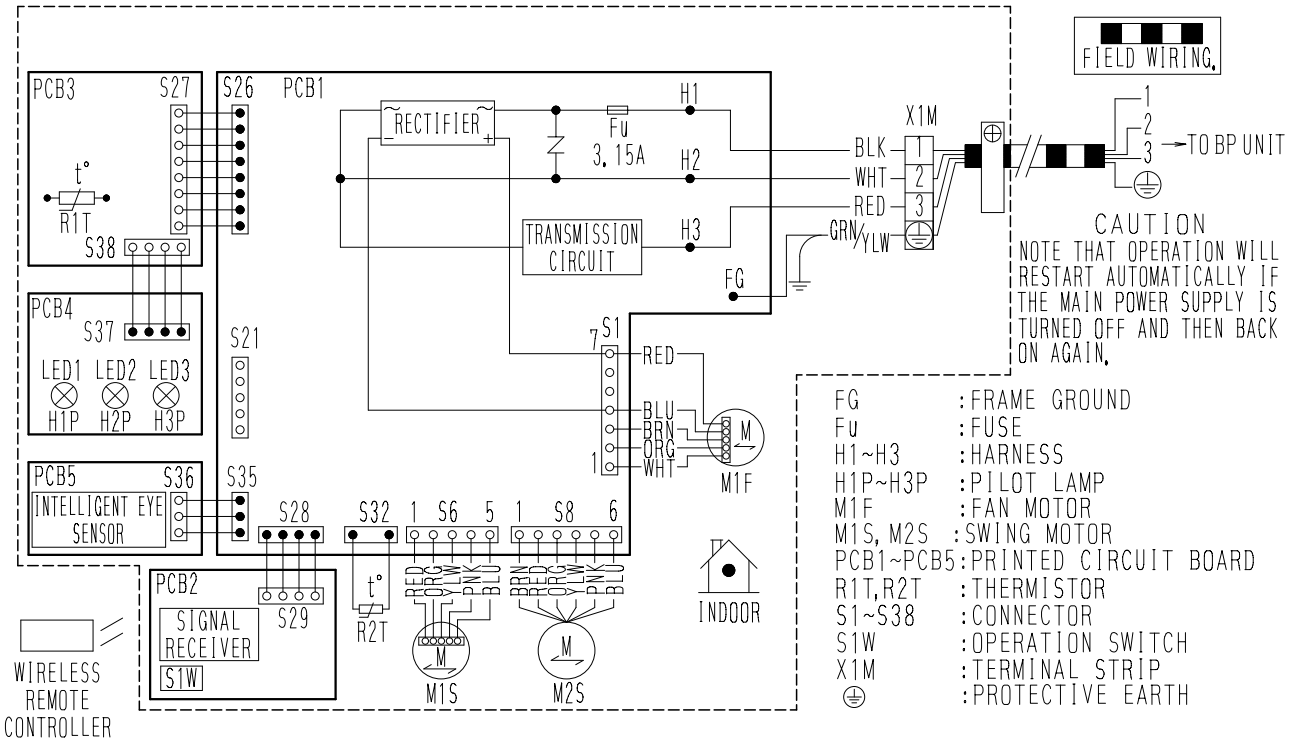
5.1.5 Wall Mounted Type

FTKS25DVM / FTKS35DVM



C: 3D046453H

FTKS50BVMA



C: 3D038065L

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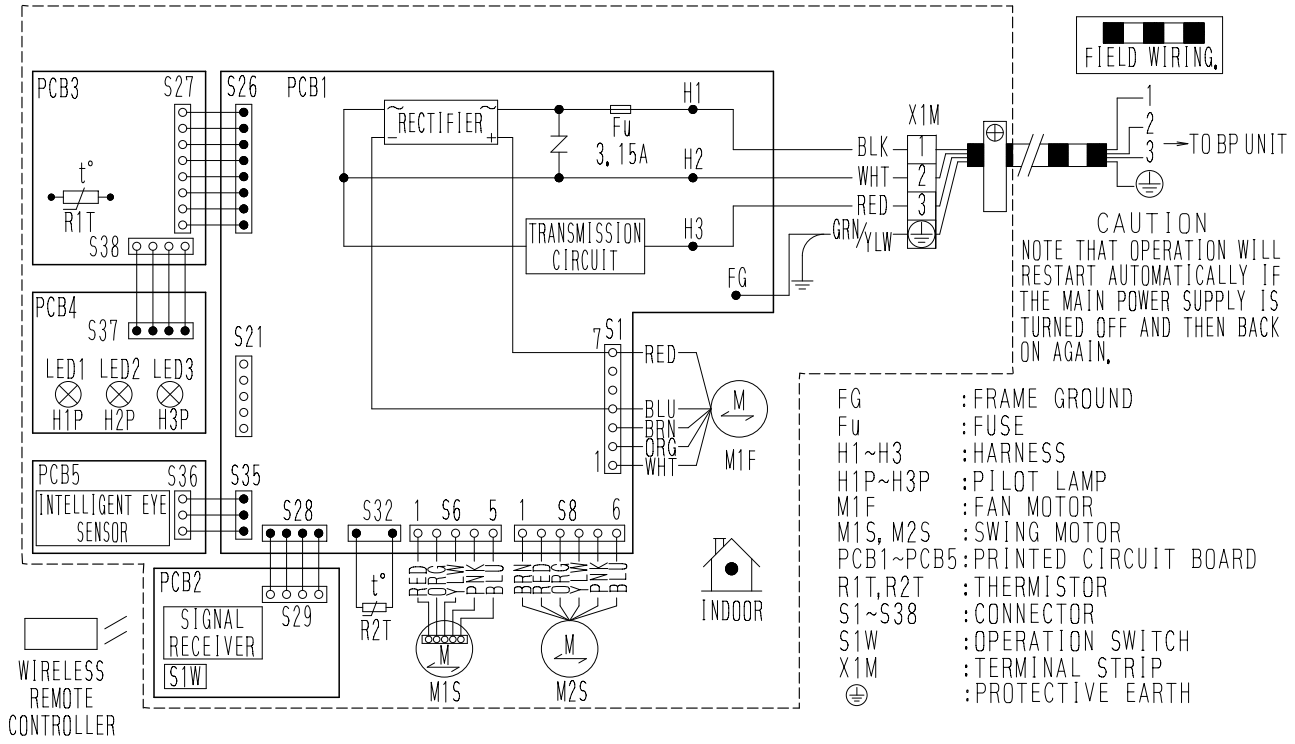
FTKS50FVM / FTKS60FVM / FTKS71FVM



C: 3D038530U

6. Electric Characteristics

Units				Power supply		IFM		Input (W)
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling
FCQ35BVE	50Hz	220-240V	Max. 264V Min. 198V	0.8	15	0.045	0.6	140
FCQ50BVE								
FCQ60BVE								161
FCQ71BVE								
FCQ35BVE	60Hz	220V	Max. 242V Min. 198V	0.9	15	0.045	0.7	161
FCQ50BVE								
FCQ60BVE								181
FCQ71BVE								
FFQ25BV1B	50Hz	220-240V	Max. 264V Min. 198V	0.8	15	0.055	0.6	73
FFQ35BV1B								82
FFQ50BV1B				0.9	15		0.7	97
FFQ60BV1B								120
FBQ60BV1	50Hz	220-240V	Max. 264V Min. 198V	0.9	15	0.110	0.7	165
FBQ71BV1				1.1		0.125	0.9	184
FDKS25EAVMB	50Hz	230V	Max. 253V Min. 207V	0.6	15	0.062	0.5	71
FDKS35EAVMB								
FDKS25CAVMB	50Hz	230V	Max. 253V Min. 207V	0.8	15	0.062	0.6	100
FDKS35CAVMB								
FDKS50CVMB				0.9	15	0.130	0.7	140
FDKS60CVMB				1.0			0.8	160
FTKS25DVM	50Hz	220-240V	Max. 264V Min. 198V	0.2	15	0.040	0.14	35
FTKS35DVM								40
FTKS25DVM	60Hz	220-230V	Max. 253V Min. 198V	0.2	15	0.040	0.14	35
FTKS35DVM								40
FTKS50BVMA	50Hz	220-240V	Max. 264V Min. 198V	0.2	15	0.040	0.18	40
FTKS50BVMA	60Hz	220-230V	Max. 253V Min. 198V	0.2	15	0.040	0.18	40
FTKS50FVM	50Hz	220-240V	Max. 264V Min. 198V	0.2	15	0.043	0.12	34
FTKS60FVM							0.14	40
FTKS71FVM							0.16	45
FTKS50FVM	60Hz	220-230V	Max. 253V Min. 198V	0.2	15	0.043	0.12	34
FTKS60FVM							0.14	40
FTKS71FVM							0.16	45

Symbols: MCA: Min. Circuit Amps (A)
MFA: Max. Fuse Amps (A) (See Note 5)
kW: Fan Motor Rated Output (kW)
FLA: Full Load Amps (A)
IFM: Indoor Fan Motor

Notes: 1. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA / MFA
MCA = 1.25 × FLA
MFA ≤ 4 × FLA
(Next lower standard fuse rating. Min. 15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use circuit breaker.
6. Regarding the power supply, refer to the power supply of BP units.
Power supply intake is from BP units.

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7. Capacity Tables

7.1 Cooling Capacity

Model	Capacity indication	Airflow rate (m^3 / min)	Indoor air temp.													
			14.0°CWB		16.0°CWB		18.0°CWB		19.0°CWB		20.0°CWB		22.0°CWB		24.0°CWB	
			20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
			TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FCQ-BVE	35	14.0	2.0	2.0	2.5	2.4	3.2	2.7	3.5	2.8	3.8	2.9	4.0	2.6	4.3	2.7
	50	15.0	2.9	2.9	3.6	3.4	4.5	3.9	5.0	4.0	5.4	4.1	5.8	3.7	6.1	3.9
	60	19.0	3.5	3.4	4.3	4.0	5.4	4.7	6.0	4.8	6.5	5.0	6.9	4.5	7.3	4.6
	71	19.0	4.1	4.1	5.0	4.7	6.4	5.5	7.1	5.7	7.7	5.8	8.2	5.3	8.7	5.5
FFQ-BV1B	25	9.0	1.5	1.4	1.8	1.7	2.3	1.9	2.5	2.0	2.7	2.1	2.9	1.9	3.1	1.9
	35	10.0	2.0	2.0	2.5	2.4	3.2	2.7	3.5	2.8	3.8	2.9	4.0	2.6	4.3	2.7
	50	12.0	2.9	2.7	3.6	3.2	4.5	3.7	5.0	3.8	5.4	3.9	5.8	3.7	6.1	3.8
	60	15.0	3.5	3.3	4.3	3.9	5.4	4.5	6.0	4.7	6.5	4.8	6.9	4.5	7.3	4.6
FBQ-BV1	60	17.0	3.5	3.4	4.3	4.0	5.4	4.7	6.0	4.8	6.5	5.0	6.9	4.5	7.3	4.6
	71	19.0	4.1	4.1	5.0	4.7	6.4	5.5	7.1	5.7	7.7	5.8	8.2	5.3	8.7	5.5
FDKS-EAVMB	25	8.7	1.5	1.4	1.8	1.7	2.3	1.9	2.5	2.0	2.7	2.1	2.9	1.9	3.1	1.9
	35	8.7	2.0	1.9	2.5	2.3	3.2	2.6	3.5	2.7	3.8	2.8	4.0	2.6	4.3	2.7
FDKS-CAVMB	25	9.5	1.5	1.4	1.8	1.7	2.3	1.9	2.5	2.0	2.7	2.1	2.9	1.9	3.1	1.9
	35	10.0	2.0	2.0	2.5	2.4	3.2	2.7	3.5	2.8	3.8	2.9	4.0	2.6	4.3	2.7
FDKS-CVMB	50	12.0	2.9	2.7	3.6	3.2	4.5	3.7	5.0	3.8	5.4	3.9	5.8	3.7	6.1	3.8
	60	16.0	3.5	3.4	4.3	4.0	5.4	4.6	6.0	4.8	6.5	4.9	6.9	4.5	7.3	4.6
FTKS-DVM	25	8.7	1.5	1.4	1.8	1.7	2.3	1.9	2.5	2.0	2.7	2.1	2.9	1.9	3.1	1.9
	35	8.9	2.0	1.9	2.5	2.3	3.2	2.6	3.5	2.7	3.8	2.8	4.0	2.6	4.3	2.7
FTKS-BVMA	50	11.4	2.9	2.6	3.6	3.1	4.5	3.6	5.0	3.7	5.4	3.8	5.8	3.7	6.1	3.7
FTKS-FVM	50	14.7	2.9	2.9	3.6	3.4	4.5	3.9	5.0	4.0	5.4	4.1	5.8	3.7	6.1	3.9
	60	16.2	3.5	3.4	4.3	4.0	5.4	4.7	6.0	4.8	6.5	4.9	6.9	4.5	7.3	4.6
	71	17.4	4.1	3.9	5.0	4.5	6.4	5.3	7.1	5.5	7.7	5.6	8.2	5.3	8.7	5.5

TC: Total capacity: kW
SHC: Sensible heat capacity: kW

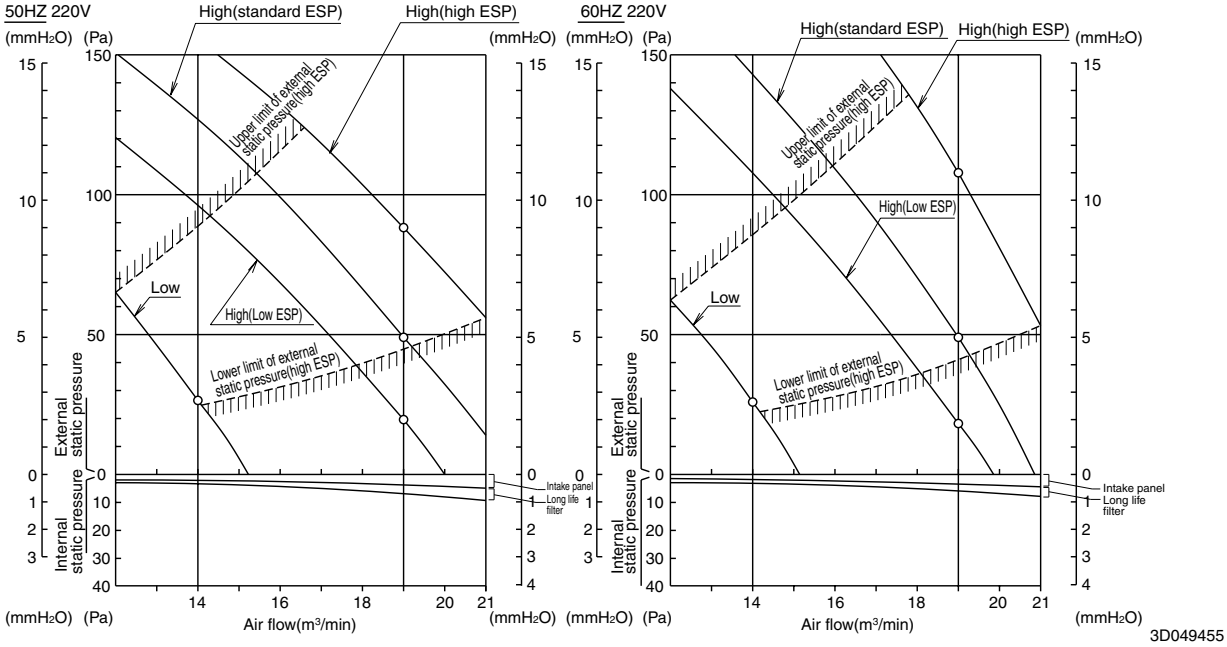
Notes: 1. These capacity tables are for use when selecting a residential indoor unit. The actual capacity of the *VRV* system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the *VRV* system satisfies the required heat load.
2. Capacities are based on the following conditions.
Between the indoor unit and the outdoor unit:
(1) Equivalent refrigerant piping length: 7.5 m
(2) Level difference: 0 m
3. ▭ shows rated condition.

8. Fan Characteristics

8.1 Ceiling Mounted Built-in Type

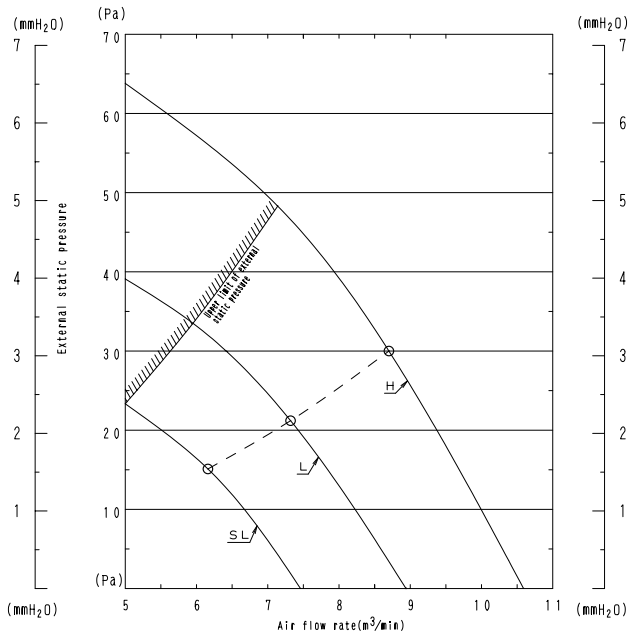
FBQ60BV1 / FBQ71BV1

Notes:
1. The remorte controller can be used to switch between "high" and "low".
2. The air flow is set to "standard" before leaving the factory. It is possible to switch between "standard ESP" and "high ESP" by changing the terminals in the indoor unit electrical box.
3. The external static pressure indicates the characteristics of the fan when a suction panel (optional accessory)and a canvas for the suction panel (optional accessory) are incorporated into the main unit (with a long-life filter).



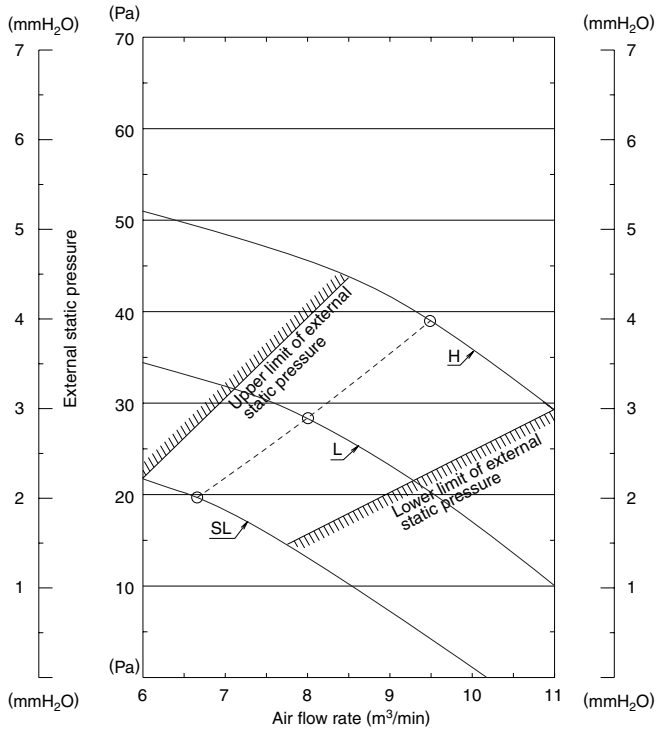
8.2 Slim Ceiling Mounted Duct Type

FDKS25EAVMB / FDKS35EAVMB



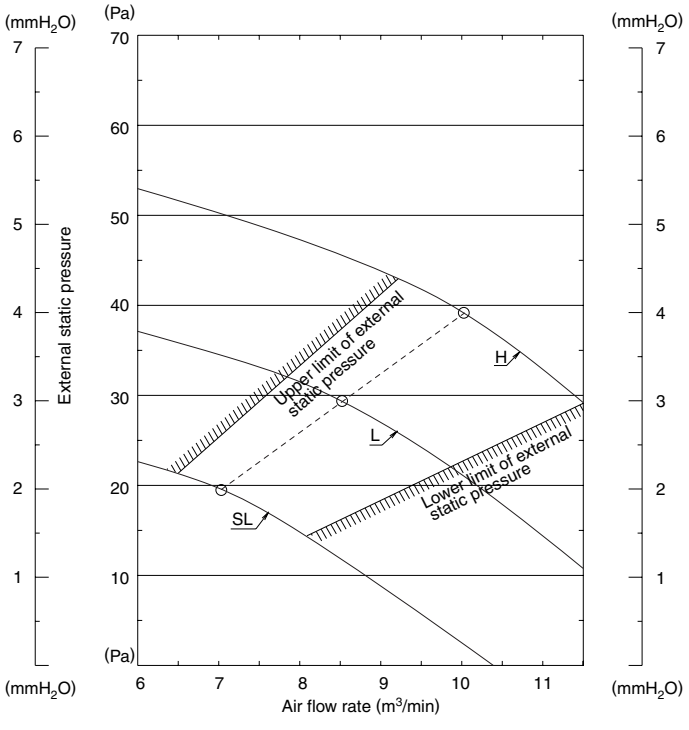
16

FDKS25CAVMB



3D045760E

FDKS35CAVMB



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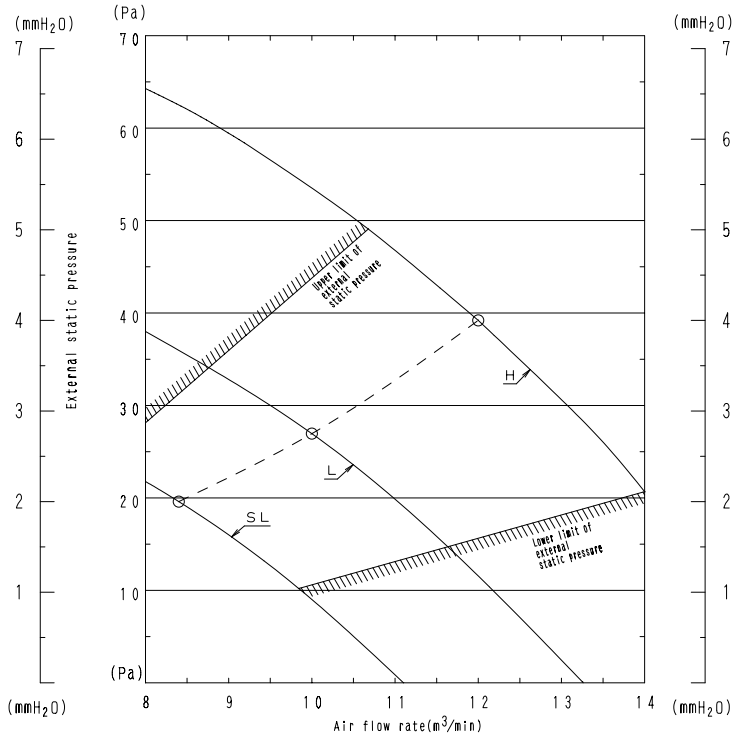
FDKS50CVMB



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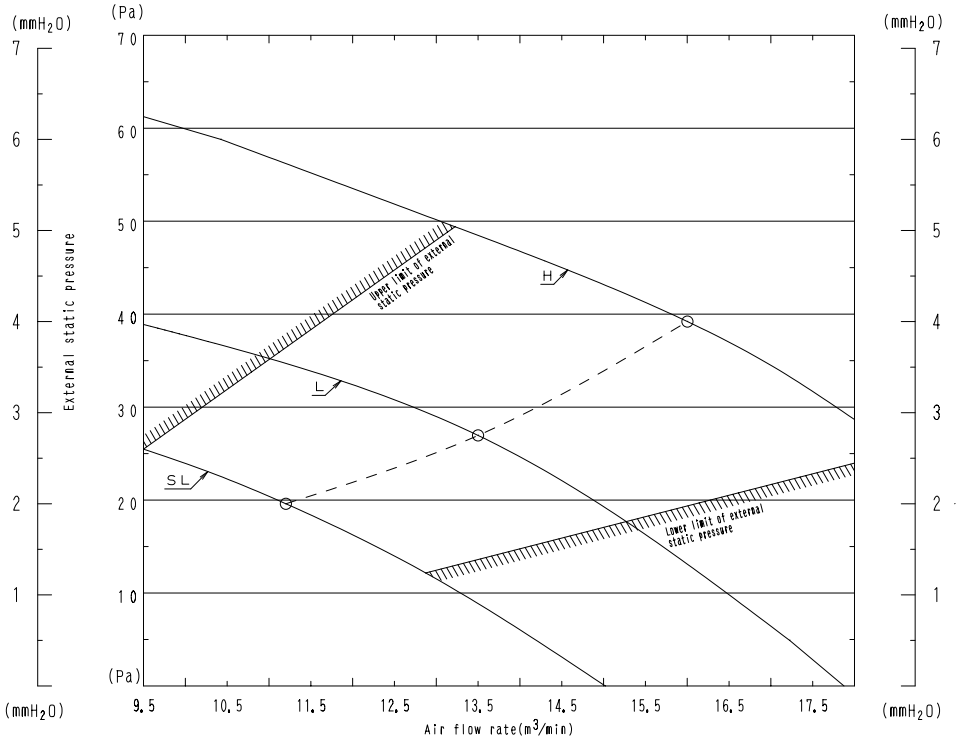
FDKS60CVMB



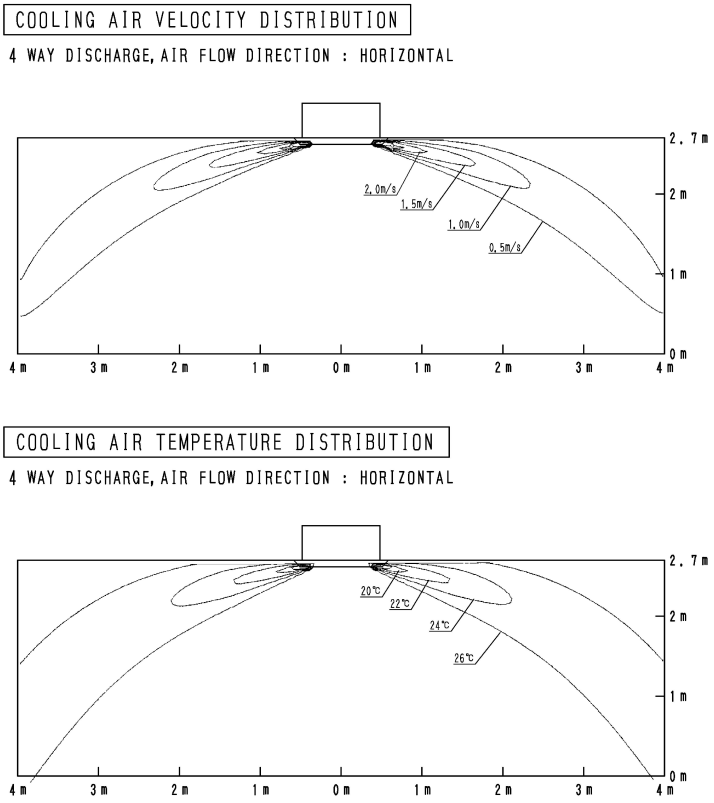
3D045763E

16

9. Air Velocity and temperature distributions (Reference Data)

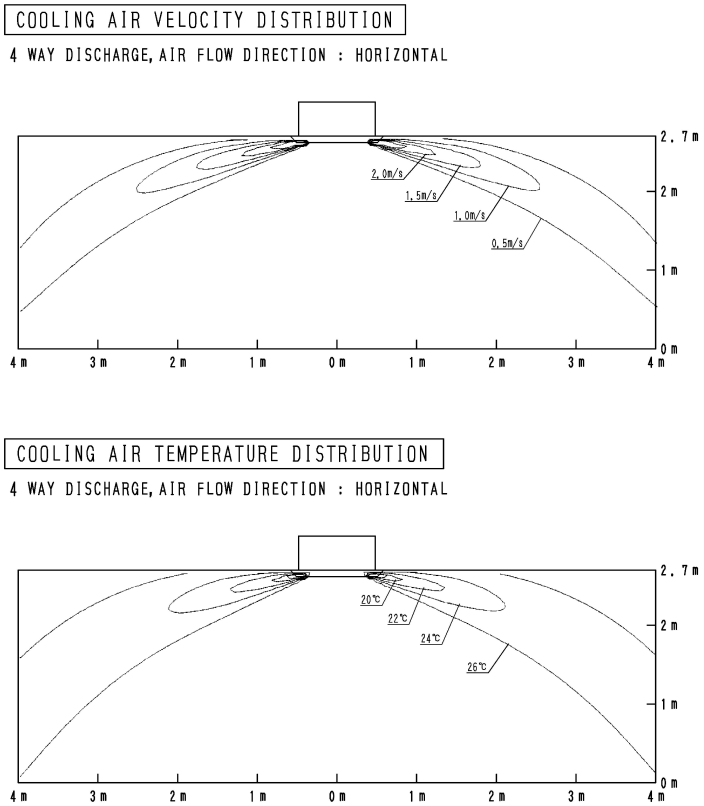
9.1 FFQ

FFQ25BV1B (Cooling)



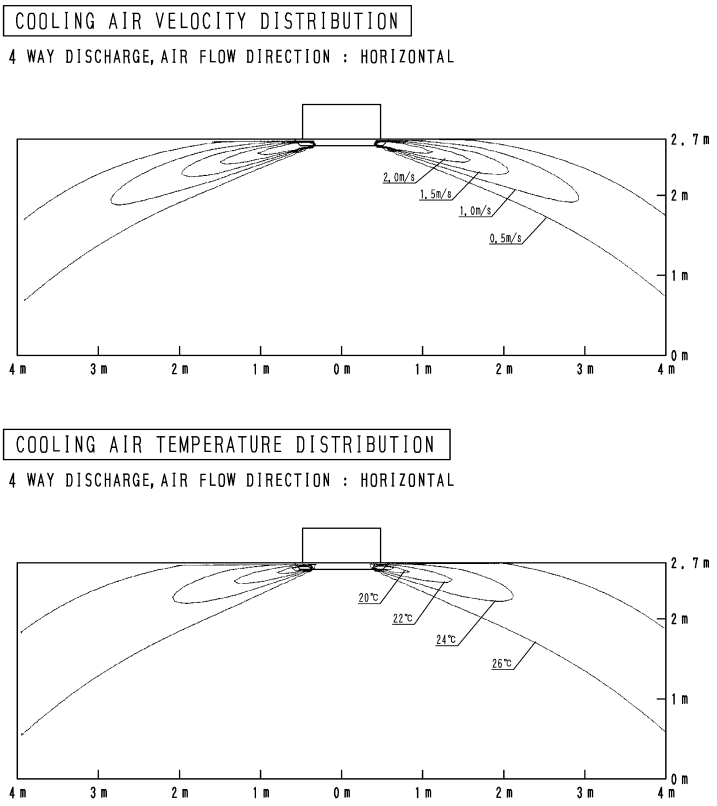
4D039738D

FFQ35BV1B (Cooling)



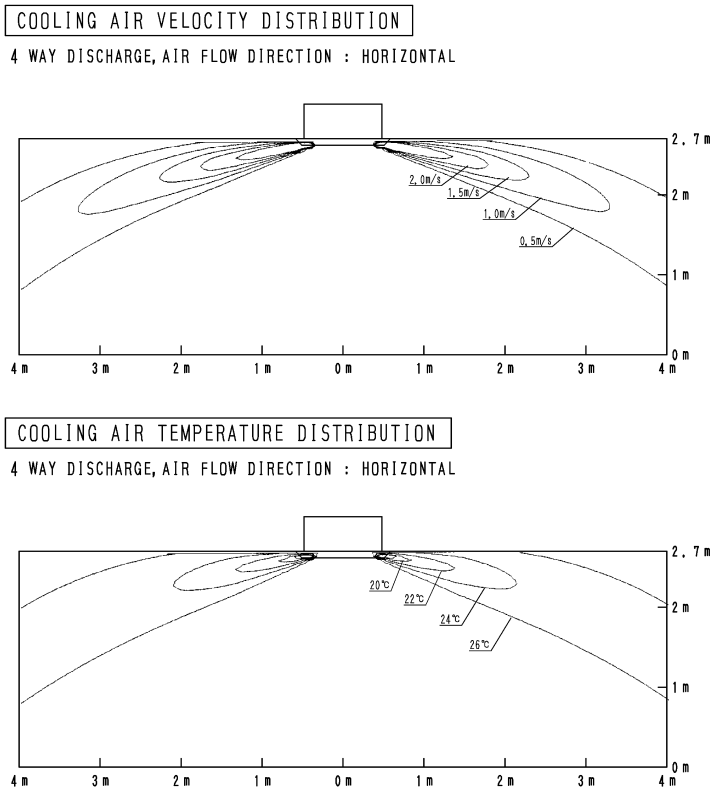
4D039816B

FFQ50BV1B (Cooling)



4D039815B

FFQ60BV1B (Cooling)



4D039733B

16

10. Sound Level

10.1 Measuring Location (for Sound Pressure Level)

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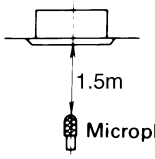
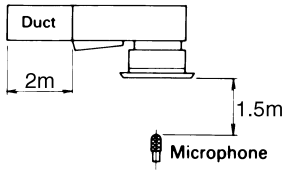
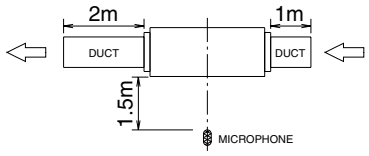
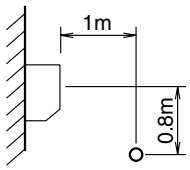
<tr><td>Ceiling Mounted Cassette Type
Ceiling Mounted Cassette (Compact Multi Flow) Type
 
</td><td>Ceiling Mounted Built-in Type
 
</td></tr>
<tr><td>Slim Ceiling Mounted Duct Type
 
</td><td>Wall Mounted Type
 
</td></tr>
</table>

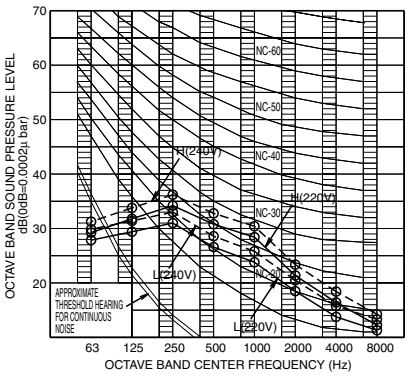
Notes: 1. Operation sound is measured in an anechoic chamber.
2. The data are based on the conditions shown in the table below.

Cooling	Piping Length
Indoor: 27°CDB/19°CWB Outdoor: 35°CDB	5m

10.2 Octave Band Level

10.2.1 Indoor Units

FCQ35BVE / FCQ50BVE



OVER ALL (dB)

SCALE	220V		240V	
	H	L	H	L
A	33	29	35	31
C	39	35	41	37

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 50Hz/60Hz

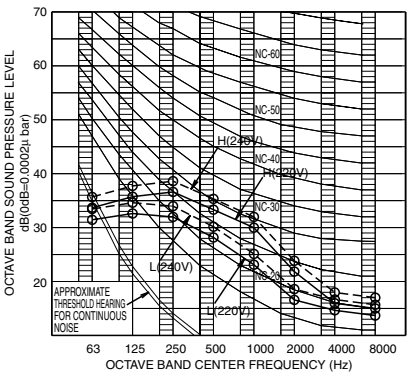
JIS STANDARD

220V

240V

4D006198C

FCQ60BVE / FCQ71BVE



OVER ALL (dB)

SCALE	220V		240V	
	H	L	H	L
A	35	30	37	32
C	41	36	43	38

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 50Hz/60Hz

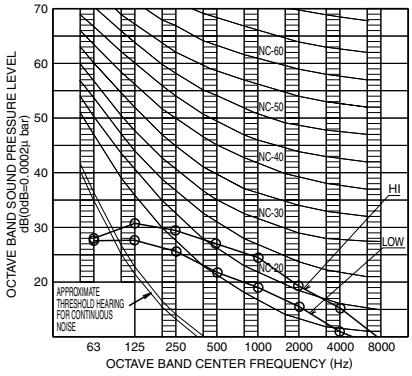
JIS STANDARD

220V

240V

4D006201D

FFQ25BV1B



OVER ALL (dB)

SCALE	HI	LOW
A	29.5	24.5
C	36.1	32.3

(B.G.N IS ALREADY RECTIFIED)

POWER LEVEL (dB)

HI	LOW
46.5	–

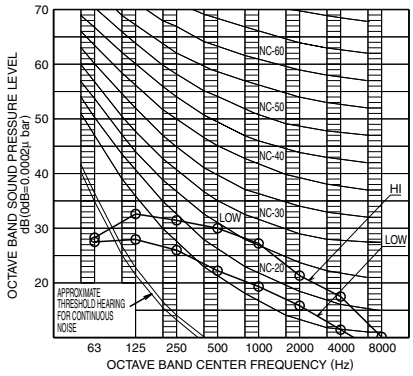
OPERATING CONDITIONS

POWER SOURCE	230V 50Hz
COOLING	RETURN AIR TEMPERATURE : 27°C DB, 19°C WB OUTDOOR TEMPERATURE : 35°C DB, 24°C WB
HEATING	RETURN AIR TEMPERATURE : 20°C DB, 15°C WB OUTDOOR TEMPERATURE : 7°C DB, 6°C WB

4 DIRECTION DISCHARGE

4D040176A

FFQ35BV1B



OVER ALL (dB)

SCALE	HI	LOW
A	32.0	25.0
C	38.0	32.7

(B.G.N IS ALREADY RECTIFIED)

POWER LEVEL (dB)

HI	LOW
49.0	–

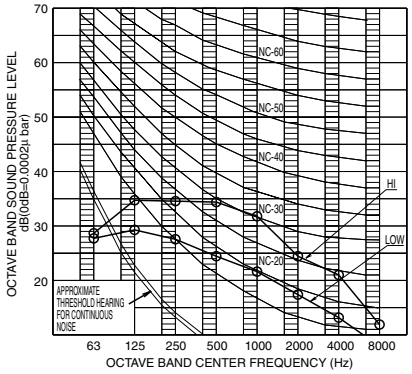
OPERATING CONDITIONS

POWER SOURCE	230V 50Hz
COOLING	RETURN AIR TEMPERATURE : 27°C DB, 19°C WB OUTDOOR TEMPERATURE : 35°C DB, 24°C WB
HEATING	RETURN AIR TEMPERATURE : 20°C DB, 15°C WB OUTDOOR TEMPERATURE : 7°C DB, 6°C WB

4 DIRECTION DISCHARGE

4D040177A

FFQ50BV1B



OVER ALL (dB)

SCALE	HI	LOW
A	36.0	27.0
C	41.0	34.2

(B.G.N IS ALREADY RECTIFIED)

POWER LEVEL (dB)

HI	LOW
53.0	—

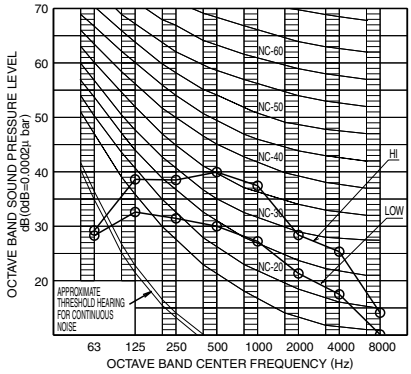
OPERATING CONDITIONS

POWER SOURCE	230V 50Hz
COOLING	RETURN AIR TEMPERATURE:27°C DB, 19°C WB OUTDOOR TEMPERATURE:35°C DB, 24°C WB
HEATING	RETURN AIR TEMPERATURE:20°C DB. 15°C WB OUTDOOR TEMPERATURE:7°C DB, 6°C WB

4 DIRECTION DISCHARGE

4D040178A

FFQ60BV1B



OVER ALL (dB)

SCALE	HI	LOW
A	41.0	32.0
C	44.8	38.0

(B.G.N IS ALREADY RECTIFIED)

POWER LEVEL (dB)

HI	LOW
58.0	—

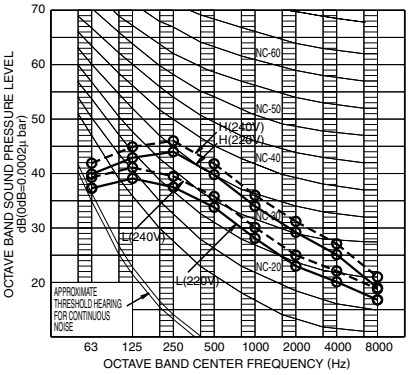
OPERATING CONDITIONS

POWER SOURCE	230V 50Hz
COOLING	RETURN AIR TEMPERATURE:27°C DB, 19°CWB OUTDOOR TEMPERATURE:35°C DB, 24°CWB
HEATING	RETURN AIR TEMPERATURE:20°C DB. 15°CWB OUTDOOR TEMPERATURE:7°C DB, 6°CWB

4 DIRECTION DISCHARGE

4D040179A

FBQ60BV1 / FBQ71BV1



OVER ALL (dB)

SCALE	220V		240V	
	H	L	H	L
A	41	35	43	37
B	48	43	50	45

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 220V · 240V 50Hz

JIS STANDARD

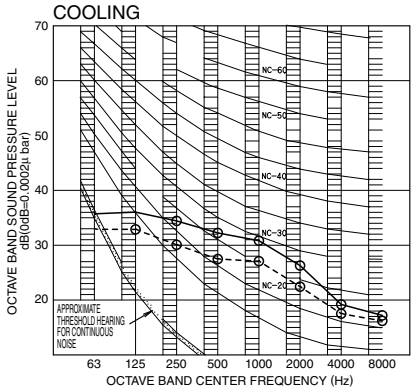
220V

240V

STANDARD ESP 49Pa (H)

DU426-4186A

FDKS25EAVMB / FDKS35EAVMB



OVER ALL (dB)

SCALE	220-240V/50Hz 220-230V/60Hz (H)	220-240V/50Hz 220-230V/60Hz (L)
A	35	31

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 220-240V/50Hz, 220-230V/60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

(H)220-240V/50Hz, 220-230V/60Hz

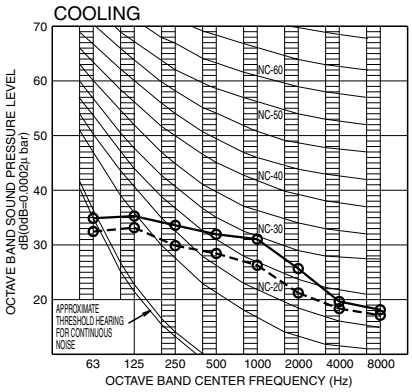
(L)220-240V/50Hz, 220-230V/60Hz

Cooling

4D051868B

16

FDKS25CAVMB



OVER ALL (dB)

SCALE	50Hz/230V 60Hz/220V (H)	50Hz/230V 60Hz/220V (L)
A	35	31

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 230V/50Hz, 220V/60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

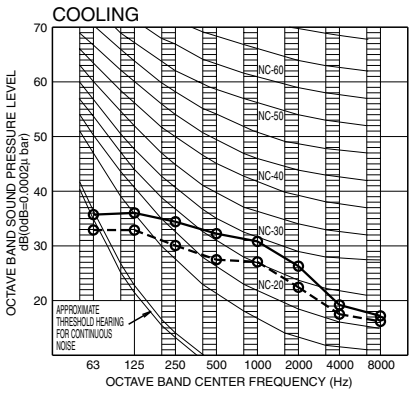
(H) 230V/50Hz, 220V/60Hz

(L) 230V/50Hz, 220V/60Hz

Cooling

4D046333C

FDKS35CAVMB



OVER ALL (dB)

SCALE	50Hz/230V 60Hz/220V (H)	50Hz/230V 60Hz/220V (L)
A	35	31

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 230V/50Hz, 220V/60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

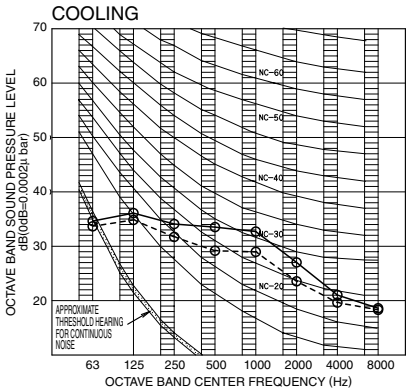
(H) 230V/50Hz, 220V/60Hz

(L) 230V/50Hz, 220V/60Hz

Cooling

4D046334C

FDKS50CVMB



OVER ALL (dB)

SCALE	50Hz/230V 60Hz/220V (H)	50Hz/230V 60Hz/220V (L)
A	37	33

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 230V/50Hz, 220V/60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

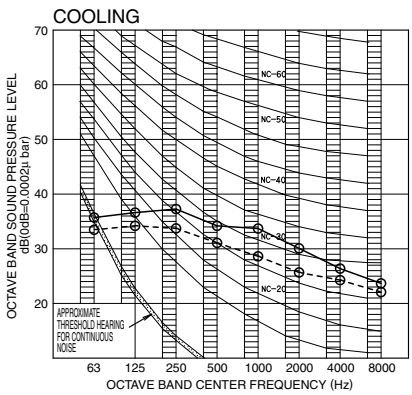
(H) 230V/50Hz, 220V/60Hz

(L) 230V/50Hz, 220V/60Hz

Cooling

4D046335D

FDKS60CVMB



OVER ALL (dB)

SCALE	50Hz/230V 60Hz/220V (H)	50Hz/230V 60Hz/220V (L)
A	38	34

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 230V/50Hz, 220V/60Hz

JIS STANDARD

STANDARD EXTERNAL STATIC PRESSURE

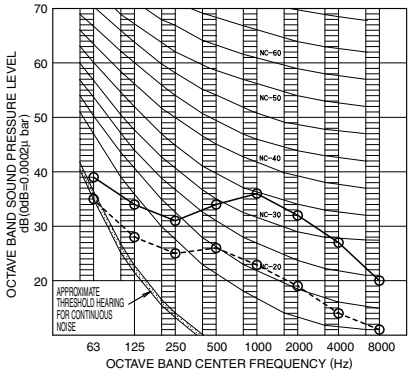
(H) 230V/50Hz, 220V/60Hz

(L) 230V/50Hz, 220V/60Hz

Cooling

4D046336C

FTKS25DVM



OVER ALL (dB)

SCALE	50/60Hz 220-240/220-230V (H)	50/60Hz 220-240/220-230V (L)
A	37	25

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 220-240/220-230V 50/60Hz

JIS STANDARD

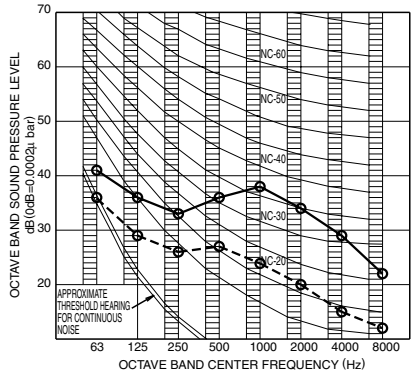
STANDARD EXTERNAL STATIC PRESSURE

50/60Hz 220-240/220-230V(H)

50/60Hz 220-240/220-230V(L)

4D048279D

FTKS35DVM



OVER ALL(dB)

SCALE	50/60Hz 220-240/220-230v (H)	50/60Hz 220-240/220-230v (L)
A	39	26

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 220-240/220-230V 50/60Hz

JIS STANDARD

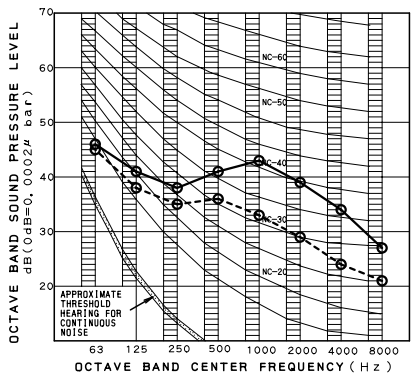
STANDARD EXTERNAL STATIC PRESSURE

50/60Hz 220-240/220-230v(H)

50/60Hz 220-240/220-230v(L)

4D048814

FTKS50BVMA



OVER ALL (dB)

SCALE	50/60Hz 220-240/220-230V (H)	50/60Hz 220-240/220-230V (L)
A	44	35

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 220-240/220-230V 50/60Hz

JIS STANDARD

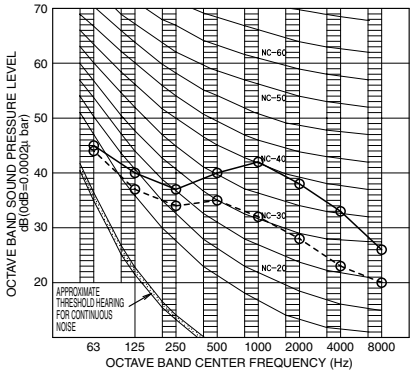
50/60Hz 220-240/220-230V(H)

50/60Hz 220-240/220-230V(L)

Cooling

4D040303A

FTKS50FVM



OVER ALL (dB)

SCALE	50/60Hz 220-240/220-230V (H)	50/60Hz 220-240/220-230V (L)
A	43	34

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 220-240/220-230V 50/60Hz

JIS STANDARD

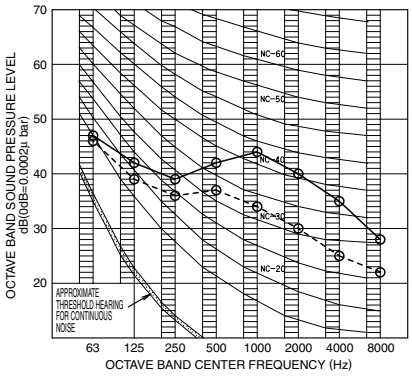
50/60Hz 220-240/220-230V(H)

50/60Hz 220-240/220-230V(L)

Cooling

4D056195B

FTKS60FVM



OVER ALL (dB)

SCALE	50/60Hz 220-240/220-230V (H)	50/60Hz 220-240/220-230V (L)
A	45	36

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 220-240/220-230V 50/60Hz

JIS STANDARD

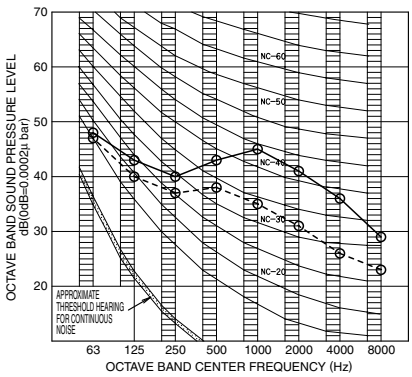
50/60Hz 220-240/220-230V(H)

50/60Hz 220-240/220-230V(L)

Cooling

4D040304L

FTKS71FVM



OVER ALL (dB)

SCALE	50/60Hz 220-240/220-230V (H)	50/60Hz 220-240/220-230V (L)
A	46	37

(B.G.N IS ALREADY RECTIFIED)

OPERATING CONDITIONS

POWER SOURCE 220-240/220-230V 50/60Hz

JIS STANDARD

50/60Hz 220-240/220-230V(H)

50/60Hz 220-240/220-230V(L)

Cooling

4D040305N

16

11. Accessories

11.1 Optional Accessories (for Indoor Unit)

Ceiling Mounted Cassette Type

No.	Option Name			FCQ35BVE FCQ50BVE FCQ60BVE FCQ71BVE
1	Decoration Panel (required)			BYC125K-W1
2	Panel Spacer			KDBP55H160WA
3	Fresh Air Intake Kit	Chamber Type	Without T-shaped Pipe and Fan ★1	KDD55DA160
			With T-shaped Pipe, without Fan ★2	KDD55DA160K
		Direct Installation Type ★3		KDDJ55XA160
4	High Efficiency Filter	(Colorimetric Method 65%)		KAF556DA80
		(Colorimetric Method 90%)		KAF557DA80
5	Replacement High Efficiency Filter	(Colorimetric Method 65%)		KAFP552B80
		(Colorimetric Method 90%)		KAFP553B80
6	High Efficiency Filter Chamber			KDDF55DA160
7	Replacement Long-life Filter			KAF551KA160
8	Branch Duct Chamber			KDJ55K80

C: 3D049117

Note: ★1 With a suction chamber. Fresh air intake is from 2 holes on the sides of the connection chamber. (This method should be selected if a wireless remote controller is used.)

★2 Without a suction chamber. Fresh air intake is from 2 holes on the connection chamber via a T-shaped pipe connection. (A wireless remote controller cannot be used in this case.)

★3 Without a suction chamber. Fresh air intake is directly from a hole on the main unit.

Ceiling Mounted Cassette (Compact Multi Flow) Type

No.	Option Name		FFQ25BV1B FFQ35BV1B FFQ50BV1B FFQ60BV1B
1	Decoration Panel (required)		BYFQ60B3W1
2	Sealing Member of Air Discharge Outlet		KDBH44BA60
3	Panel Spacer		KDBQ44BA60A
4	Fresh Air Intake Kit	Direct Installation Type	KDDQ44XA60
5	Long-life Filter		KAFQ441BA60

C: 3D038936B

Ceiling Mounted Built-in Type

No.	Option Name		FBQ60BV1 FBQ71BV1
1	Decoration Panel (required)		BYBS71DJW1
2	Service Access Panel		KTB25KA80W
3	High Efficiency Filter	(Colorimetric Method 65%)	KAF252LA80
		(Colorimetric Method 90%)	KAF253LA80
4	Replacement Long-life Filter	Resin net	KAFJ251K80
5	Filter Chamber for Rear Suction		KAJ25LA80B
6	Filter Chamber for Bottom Suction		KAJ25LA80D
7	Canvas Duct (Air Suction Canvas)		KSA-25KA80
8	Discharge Grille	ϕ150	K-DG5DW
		ϕ200	K-DG9DW
9	Discharge Chamber	ϕ150	K-DGC5D
		ϕ200	K-DGC9D
10	Branch Duct	ϕ200→ϕ150	K-DDV20B15
11	Flexible Duct	ϕ150	K-FDS151D(1m)/K-FDS152D(2m)/ K-FDS153D(3m)/K-FDS154D(4m)/ K-FDS155D(5m)/K-FDS156D(6m)
		ϕ200	K-FDS201D(1m)/K-FDS202D(2m)/ K-FDS203D(3m)/K-FDS204D(4m)/ K-FDS205D(5m)/K-FDS206D(6m)
12	Blind Board		KBBJ25KA80
13	Adaptor for Discharge		KDAJ25K71A
14	Flange for Suction		KDJ2507K80

C: 3D049099

Slim Ceiling Mounted Duct Type

No.	Option Name	FDKS25EAVMB FDKS35EAVMB	FDKS25CAVMB FDKS35CAVMB FDKS50CVMB	FDKS60CVMB
1	Insulation Kit for High Humidity	KDT25N32	KDT25N50	KDT25N63

C: 4D068402

Wall Mounted Type

No.	Option Name	FTKS25DVM FTKS35DVM	FTKS50BVMA	FTKS50FVM FTKS60FVM FTKS71FVM
1	Titanium Apatite Photocatalytic Air Purifying Filter (without Frame)	KAF970A46	KAF971B42	KAF971B42

Note: Filter is a standard accessory. It should be replaced approximately 3 years.

11.2 Optional Accessories (for Controls)

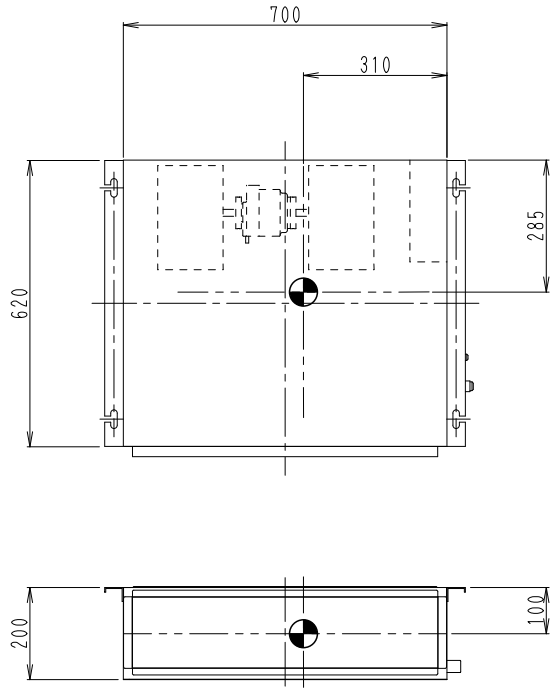
Refer to page 728.

12. Centre of Gravity

12.1 FDKS

FDKS25EAVMB / FDKS35EAVMB

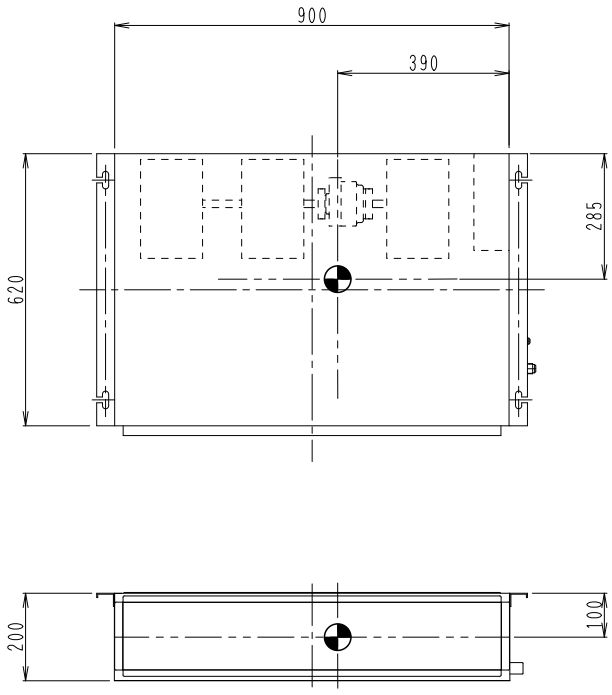
Unit (mm)



4D049301F

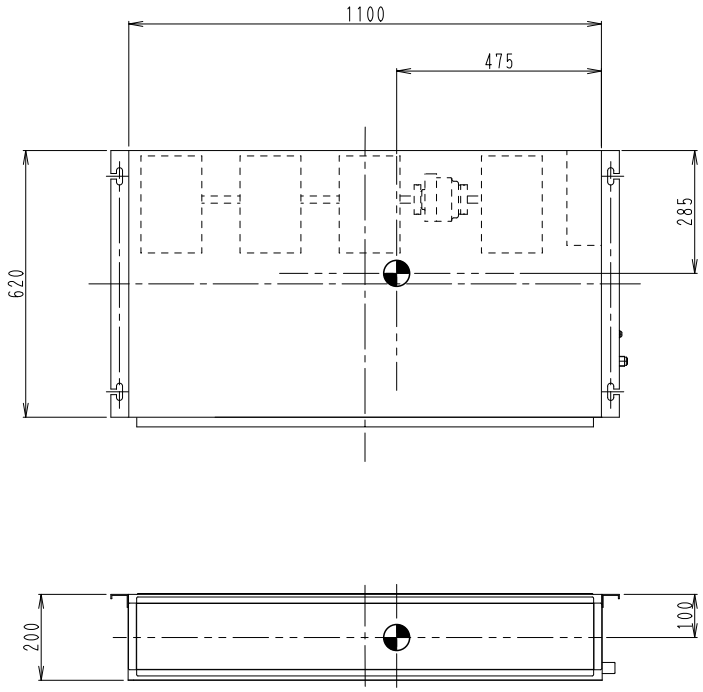
FDKS25CAVMB / FDKS35CAVMB / FDKS50CVMB

Unit (mm)



4D046081K

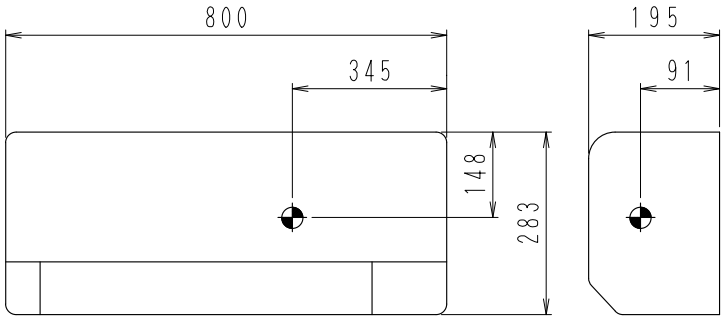
FDKS60CVMB Unit (mm)



4D046082F

12.2 FTKS

FTKS25DVM / FTKS35DVM Unit (mm)



4D048210Y

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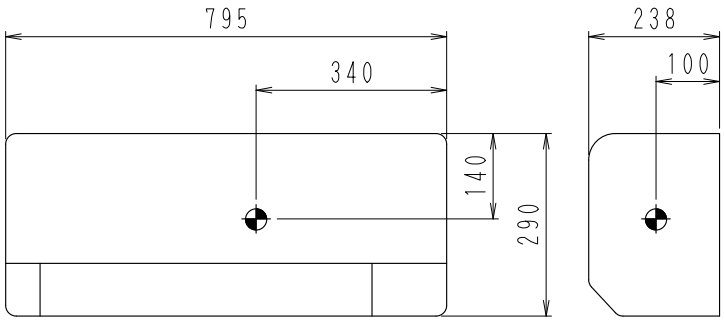
FTKS50BVMA

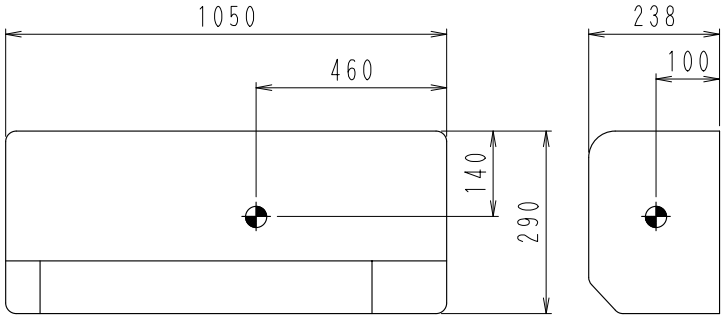
Unit (mm)



4D040311J

FTKS50FVM / FTKS60FVM / FTKS71FVM

Unit (mm)



4D040313Y

Part 5
BP Units

<BP Units>
BPMKS967A3
BPMKS967A2

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   2.1 BP Units 353
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   3.1 BP Units 355
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7. Centre of Gravity 358
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1. Specifications

1.1 BP Units

Model					BPMKS967A3	BPMKS967A2
Power Supply					1 phase, 220-240/220-230V, 50/60Hz	
Connectable Indoor Units					1~3 Units	1~2 Units
Casing Color					Paintingless	
Power Consumption				W	10	10
Running Current				A	0.05	0.05
Refrigerant Type					R410A	
Dimension (H×W×D)				mm	180×294(650)*×350	
Package Dimension (H×W×D)				mm	257×738×427	
Machine Weight				kg	8	7.5
Gross Weight				kg	12	11
Number of Wiring Connections					3 for power supply (include each wiring), 2 for interunit wiring (outdoor unit-BP, BP-BP), 4 for interunit wiring (BP-indoor unit)	
Piping Connection (Brazing)	Liquid			mm	Main : ϕ9.5×1 / Branch : ϕ6.4×3	Main : ϕ9.5×1 / Branch : ϕ6.4×2
	Gas			mm	Main : ϕ19.1×1 / Branch : ϕ15.9×3	Main : ϕ19.1×1 / Branch : ϕ15.9×2
	Drain			mm	Drain Processingless	
Heat Insulation					Both Liquid and Gas Pipes	
Max. Combination				kW	20.8	14.2
Min. Combination				kW	2.5	
Accessories	Installation Manual			pc.	1	
	L Shape Reducer	For Main	Liquid	pc.	1 (For I.D. ϕ6.4)	
			Gas		1 (For I.D. ϕ12.7)	
			Gas		1 (For I.D. ϕ15.9, 19.1)	
		For Branch	Liquid		1 (For I.D. ϕ9.5)	
			Gas		3 (For I.D. ϕ12.7, 9.5)	2 (For I.D. ϕ12.7, 9.5)
	Hanger Metal			pc.	4	
	Screws			pc.	8 (M4×8)	
	Heat Insulation (2pc. is 1 set)				4 Set	3 Set
	Binding Band			pc.	2	
Drawing No.					C: 4D050057B	

Notes:

1. The piping connection must be cut so as to suit the piping sizes of the indoor unit which will be connected. The same sizes should be used for the piping on the outdoor unit.
2. ( )* : including auxiliary piping length
3. Refer to **Electric Characteristics** for the power input.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3414 cfm=m^3/min×35.3

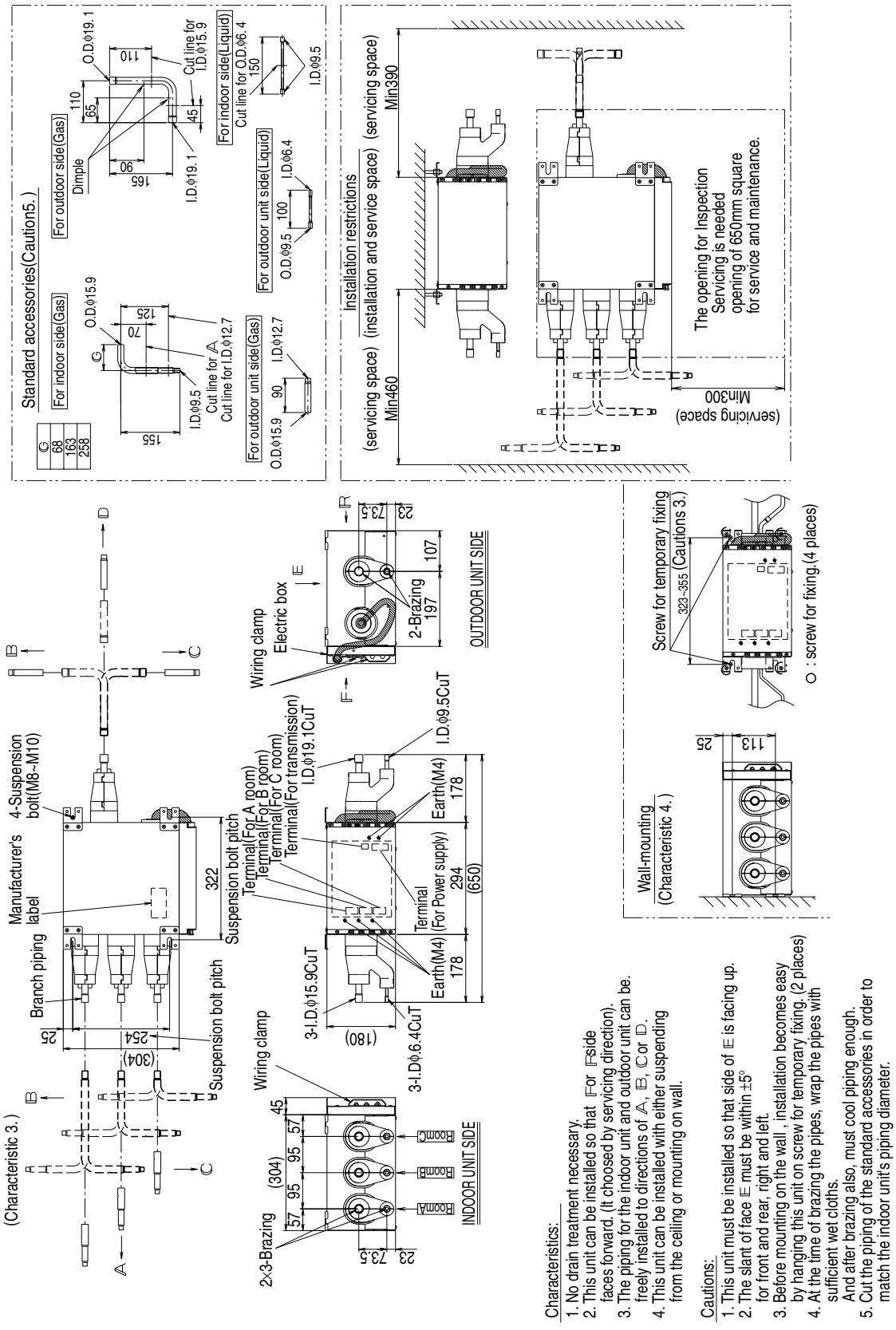
2. Dimensions

2.1 BP Units

BPMKS967A3

Unit: mm

3D048411A



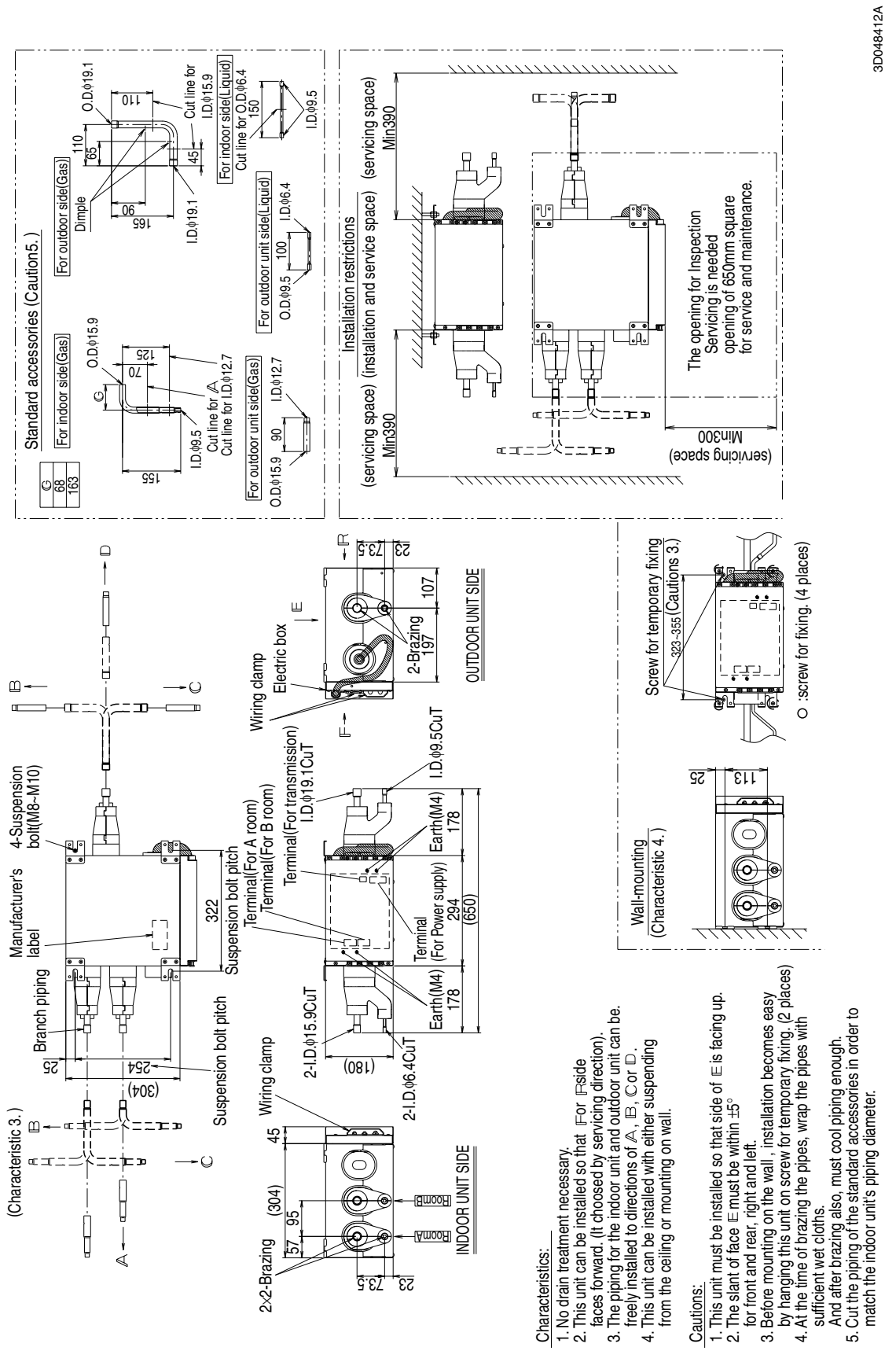
Characteristics:
1. No drain treatment necessary.
2. This unit can be installed so that ℱor ℱside faces forward. (It choosed by servicing direction).
3. The piping for the indoor unit and outdoor unit can be freely installed to directions of 𝔸, 𝔹, ℂor 𝔻.
4. This unit can be installed with either suspending from the ceiling or mounting on wall.

Cautions:
1. This unit must be installed so that side of 𝔼 is facing up.
2. The slant of face 𝔼 must be within ±5°
for front and rear, right and left.
3. Before mounting on the wall , installation becomes easy by hanging this unit on screw for temporary fixing. (2 places)
4. At the time of brazing the pipes, wrap the pipes with sufficient wet cloths.
And after brazing also, must cool piping enough.
5. Cut the piping of the standard accessories in order to match the indoor unit's piping diameter.

17

BPMKS967A2

Unit: mm



Characteristics:

1. No drain treatment necessary.
2. This unit can be installed so that ℙfor ℙside faces forward. (It choosed by servicing direction).
3. The piping for the indoor unit and outdoor unit can be freely installed to directions of 𝔸, 𝔹, ℂor 𝔻.
4. This unit can be installed with either suspending from the ceiling or mounting on wall.

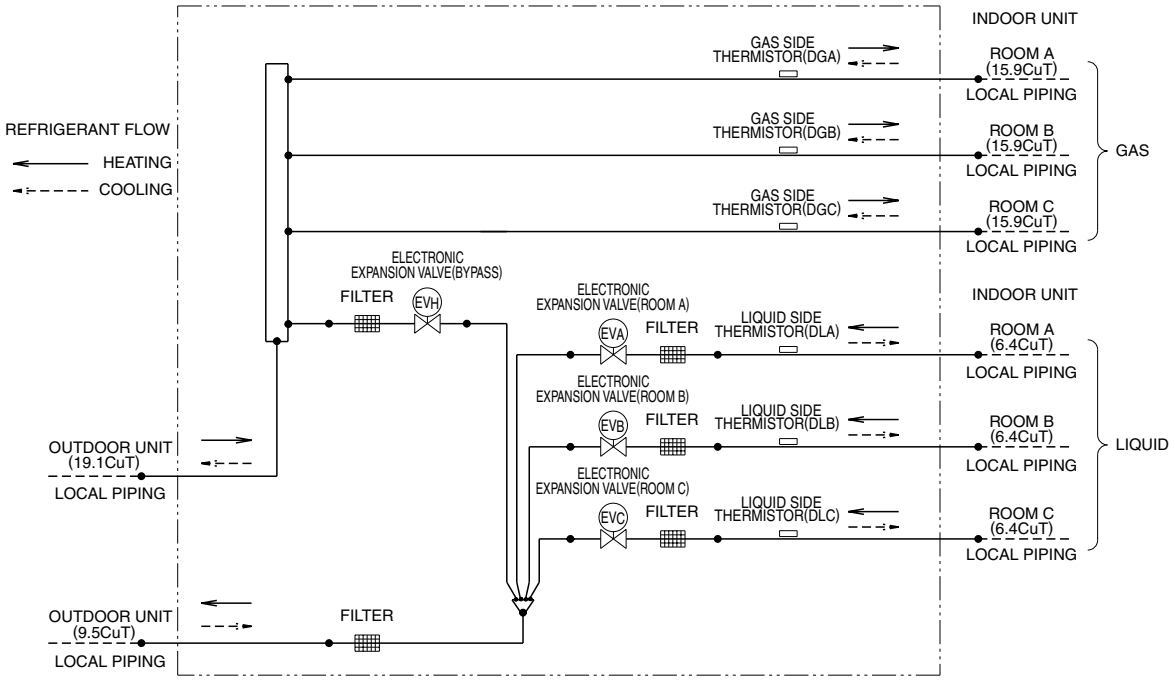
Cautions:

1. This unit must be installed so that side of 𝔼 is facing up.
2. The slant of face 𝔼 must be within ±5° for front and rear, right and left.
3. Before mounting on the wall , installation becomes easy by hanging this unit on screw for temporary fixing. (2 places)
4. At the time of brazing the pipes, wrap the pipes with sufficient wet cloths. And after brazing also, must cool piping enough.
5. Cut the piping of the standard accessories in order to match the indoor unit's piping diameter.

3. Piping Diagrams

3.1 BP Units

BPMKS967A3



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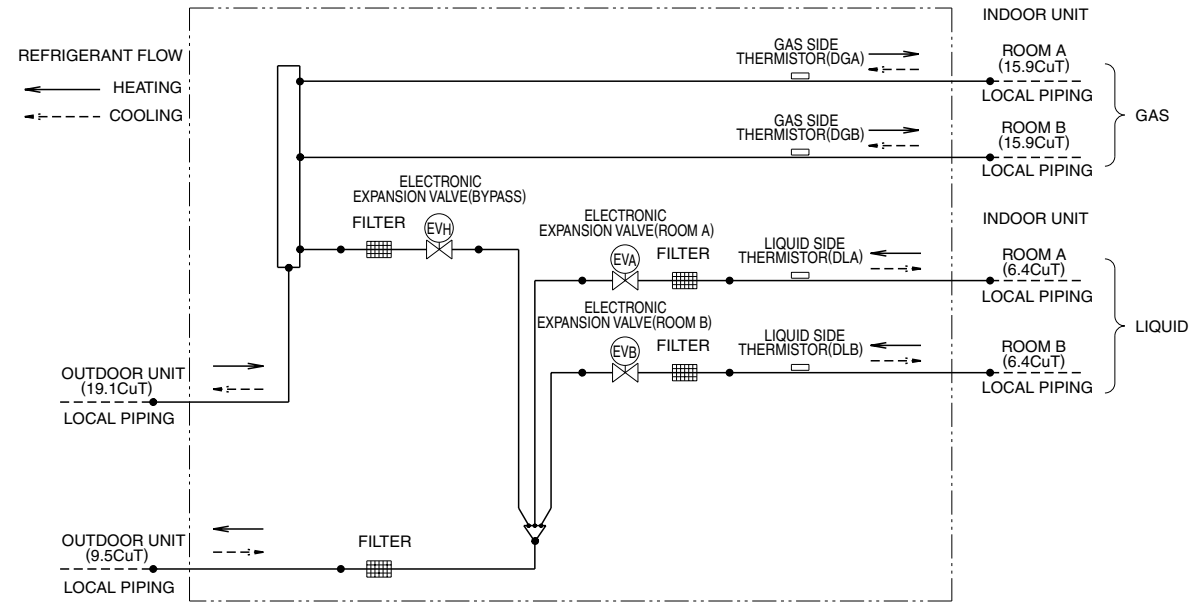
BPMKS967A2

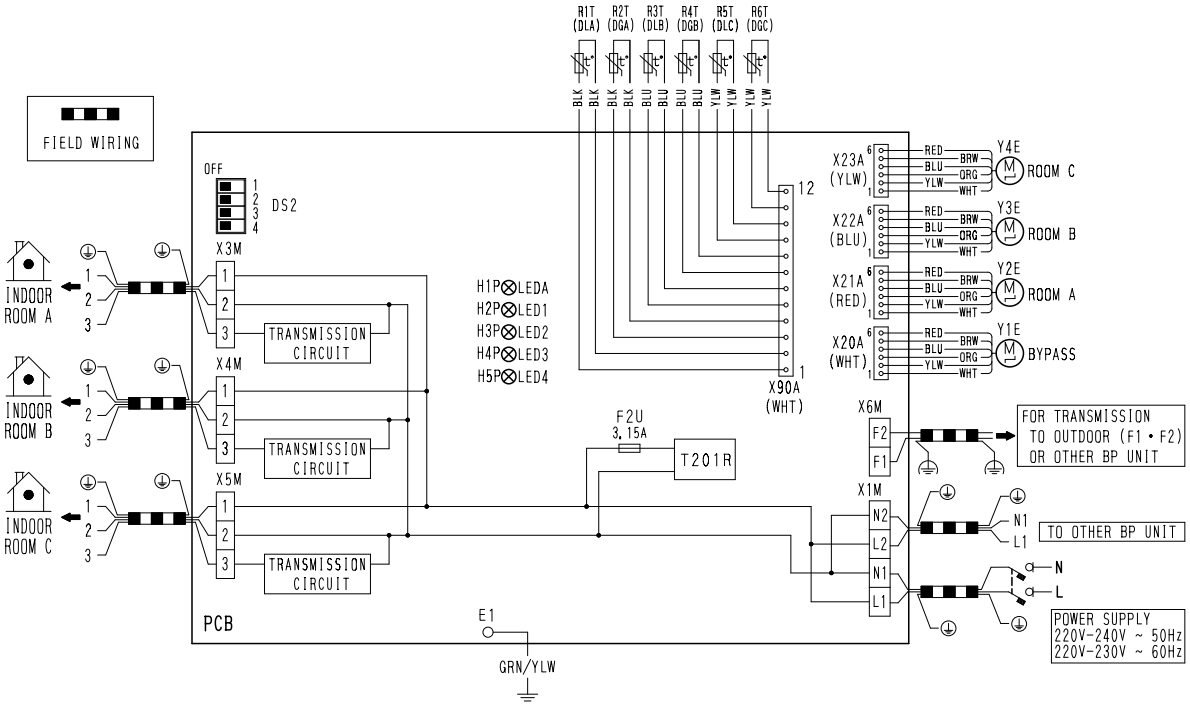


3D048286B

4. Wiring Diagrams

4.1 BP Units

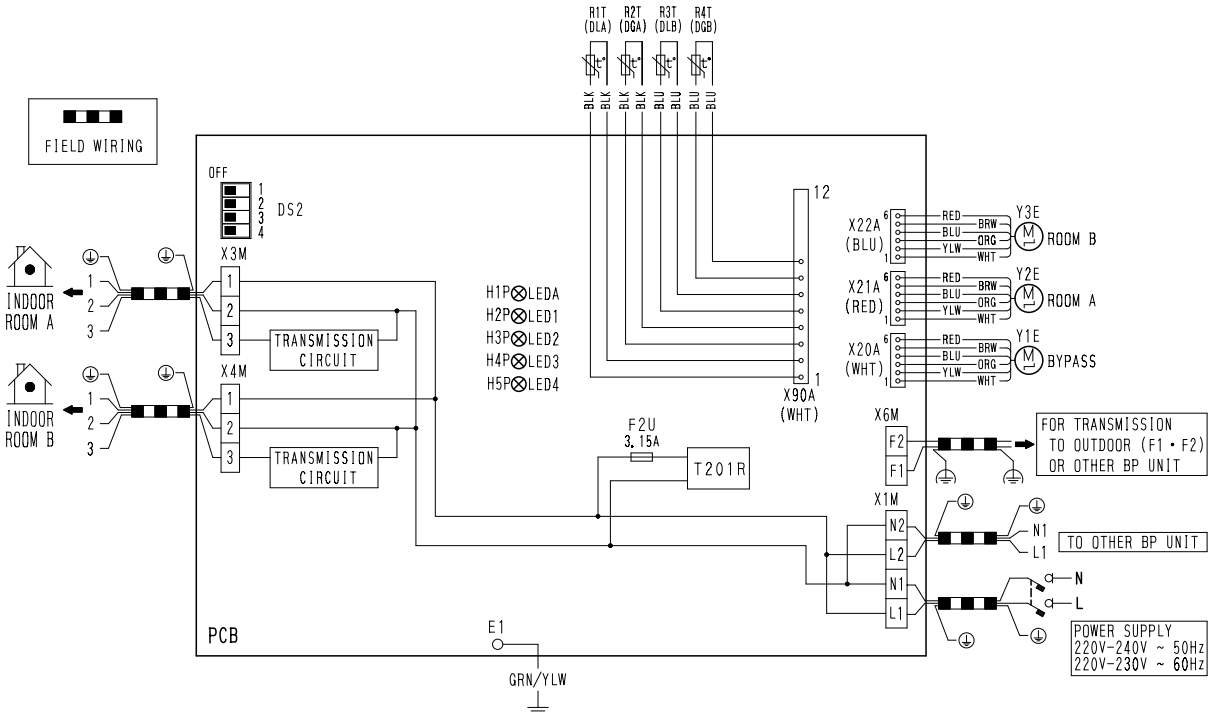
BPMKS967A3



X20A～X23A, X90A : CONNECTOR
PCB : PRINTED CIRCUIT BOARD
F2U : FUSE
H1P～H5P : PILOT LAMP
R1T～R6T : THERMISTOR
DS2 : DIP SWITCH
T201R : TRANSFORMAR
X1M, X3M～X6M : TERMINAL STRIP
Y1E～Y4E : MOTOR OPERATED VALVE COIL

3D048288

BPMKS967A2



X20A～X22A, X90A : CONNECTOR
PCB : PRINTED CIRCUIT BOARD
F2U : FUSE
H1P～H5P : PILOT LAMP
R1T～R4T : THERMISTOR
DS2 : DIP SWITCH
T201R : TRANSFORMAR
X1M, X3M, X4M, X6M : TERMINAL STRIP
Y1E～Y3E : MOTOR OPERATED VALVE COIL

3D048438

5. Electric Characteristics

Units				Power supply		IFM		Input (W)
Model	Hz	Volts	Voltage range	MCA	MFA	kW	FLA	Cooling
BPMKS967A3	50Hz	220-240V	Max. 264V Min. 198V	0.05	15	—	—	10
BPMKS967A2								
BPMKS967A3	60Hz	220-230V	Max. 253V Min. 198V	0.05	15	—	—	10
BPMKS967A2								

Symbols: MCA: Min. Circuit Amps (A)
MFA: Max. Fuse Amps (A) (See Note 5)
kW: Fan Motor Rated Output (kW)
FLA: Full Load Amps (A)
IFM: Indoor Fan Motor

Notes: 1. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA / MFA
MCA = 1.25 × FLA
MFA ≤ 4 × FLA
(Next lower standard fuse rating. Min. 15A)
4. Select wire size based on the MCA.
5. Instead of fuse, use circuit breaker.
6. Regarding the power supply, refer to the power supply of BP units.
Power supply intake is from BP units.

6. Accessories

6.1 Optional Accessories

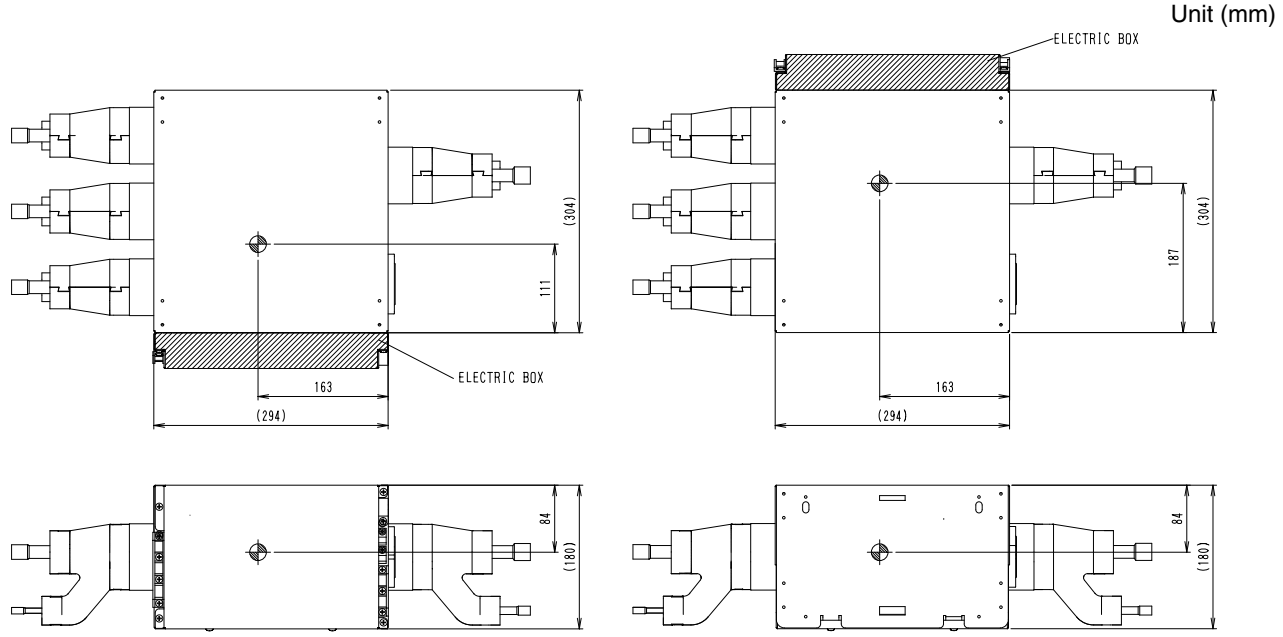
No.	Option Name	BPMKS967A3	BPMKS967A2
1	REFNET Joint	KHRP26A22T	

Note: A single BP unit does not require a REFNET joint. 2 BP units require only 1 REFNET joint, and 3 BP units require only 2 REFNET joints.

7. Centre of Gravity

BPMKS967A3

Unit (mm)

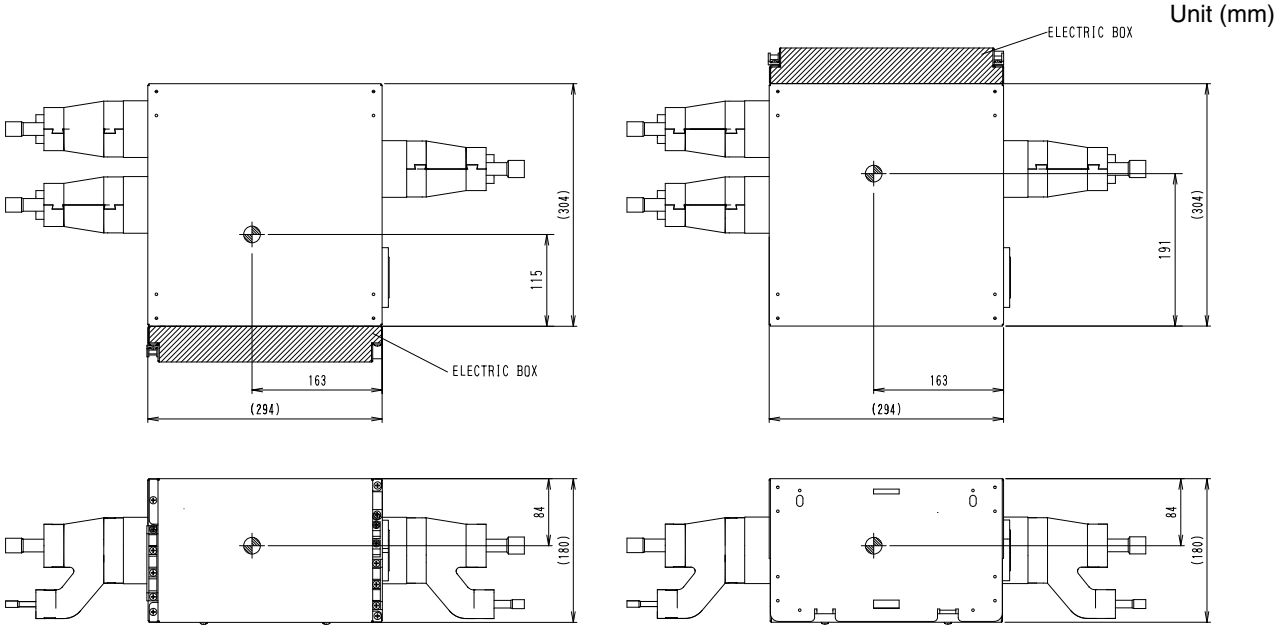


THE CENTER OF GRAVITY SHIFTS WITH THE LOCATION OF THE ELECTRIC BOX

3D048409A

BPMKS967A2

Unit (mm)

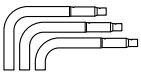
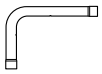


THE CENTER OF GRAVITY SHIFTS WITH THE LOCATION OF THE ELECTRIC BOX

3D048410A

8. Installation

Accessories

① Installation Manual 	1pc.	⑥ For indoor unit side piping (gas) (pipe joint) 	BPMKS967A3 (For 3 rooms) : 3pcs. BPMKS967A2 (For 2 rooms) : 2pcs.
② For outdoor unit side piping (gas) (pipe joint) 	1pc.	⑦ Hanger metal 	4pcs.
③ For outdoor unit side piping (gas) (pipe joint)	1pc.	⑧ Screws 	8pcs.
④ For outdoor unit side piping (liquid) (pipe joint)	1pc.	⑨ Binding band 	2pcs.
⑤ For indoor unit side piping (liquid) (pipe joint)	1pc.	⑩ Heat insulation (2pcs. is 1set) 	BPMKS967A3 (For 3 rooms) : 4sets BPMKS967A2 (For 2 rooms) : 3sets

Items to be prepared in the field

- Connecting wires between BP unit and indoor unit (H05VV(*), 4 wires, 1.6mm or 2.0mm)
- Connecting wires (H05VV(*), 3 wires, 1.6mm or 2.0mm)
- Transmission wires (sheathed two-core cables of 0.75mm² to 1.25mm²)
- Installation parts (hanging bolts: 4 × M10 or M8; nuts: 8; flat washers: 8)
- Screws for wall-mounting: 6 × M5
- Heat insulation (joint) [Thermal conductivity: **0.041 - 0.052W/mK (0.035 - 0.045kcal/mh°C) or more** / thickness **13mm (1/2 inch) or more** / Heat resistance: 100°C or higher (Only heat pump system)]

(*) Only in protected pipes, use H07RN-F when protected pipes are not use.
Specifications for local wiring power cord and branch wiring are in compliance with IEC60245.

Precautions for Selecting the Location

The BP unit is for indoor use.

Install in a location such as above a ceiling or behind a wall in accordance with the following conditions:

- That the unit is fully supported, and is in a location with little or no vibration.
- That the refrigerant pipes for the indoor and outdoor units can be repaired with ease, and that the units are placed well within the distance from each other allowed by the pipe length.
- That there is nothing nearby that produces heat or steam (gas).
- When installing, that there is enough room for servicing the unit.
- Do not install in location that is hot or humid for long periods of time.
  A location where the dry-bulb (DB) temperature around the BP unit reaches 60°C or higher.
- A well-ventilated area.
- Do not install near bedrooms. The sound of refrigerant flowing through the piping may sometimes be audible.
  For restrictions on installation, refer to P5~6. “Installation”.

17

■English 3

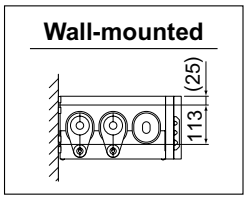
3P155399-1E

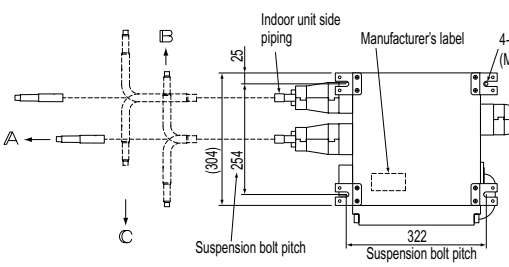
Installation

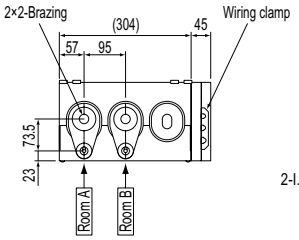
- This unit may be installed suspended from the ceiling or mounted on the wall.
- **This unit may only be installed, as shown in the diagram below.** (The side 𝔼 should be facing upwards.) However, it may be freely installed in any direction forward or back, and to the sides.
- Be sure to leave a **650mm square** opening for service and inspection as shown in the diagram below, for both ceiling-suspended installation and wall-mounted installation.
- This unit **"does not require drain treatment"**.
- This unit may be installed with sides 𝔽 or ℝ facing forward (servicing direction).
- The piping for the indoor unit may be freely led around in directions 𝔸, 𝔹, ℂ or 𝔻.
- The inclination of side 𝔼 must be within ±5°C degrees forward or back or to the sides.

◆ **For 2 rooms**

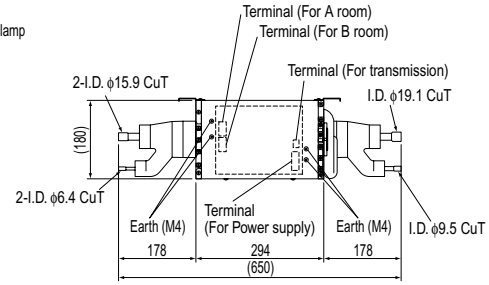
(product dimensions and attachment bolt pitch)

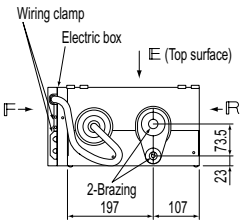




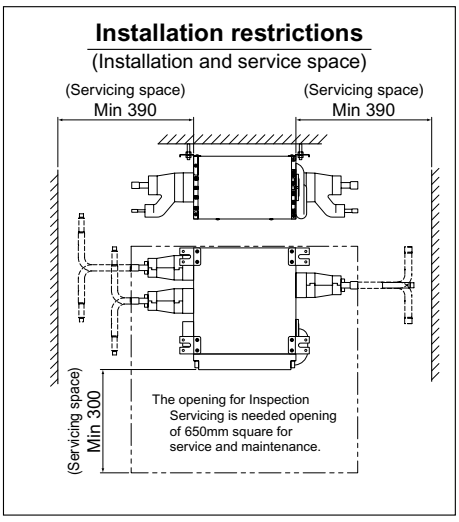


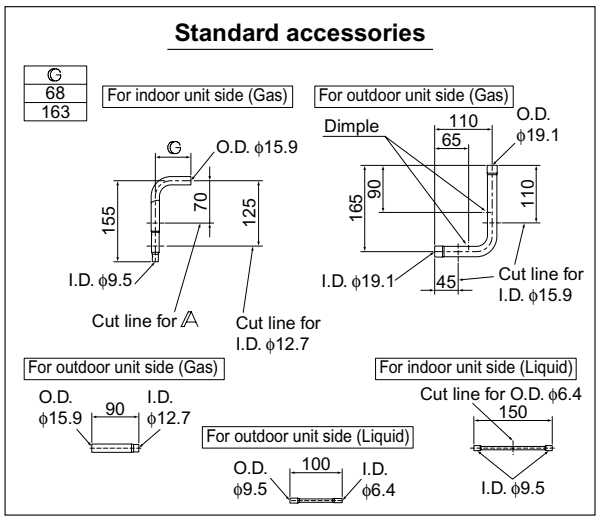
INDOOR UNIT SIDE





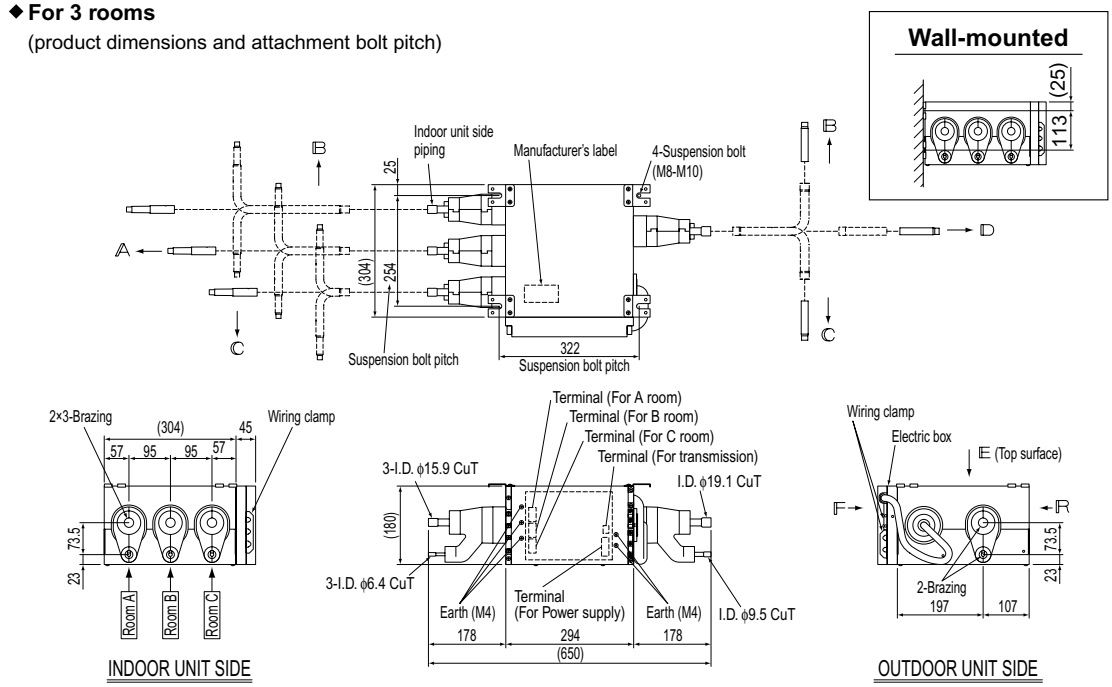
OUTDOOR UNIT SIDE

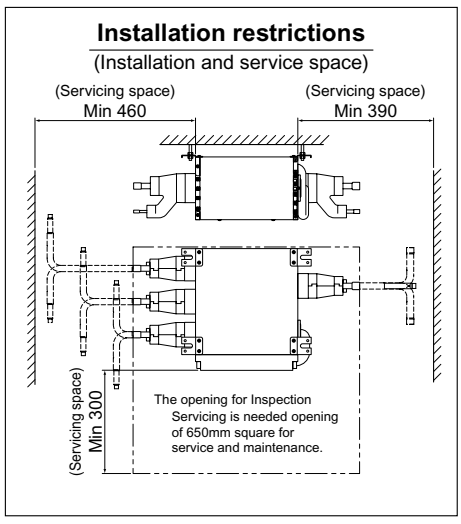


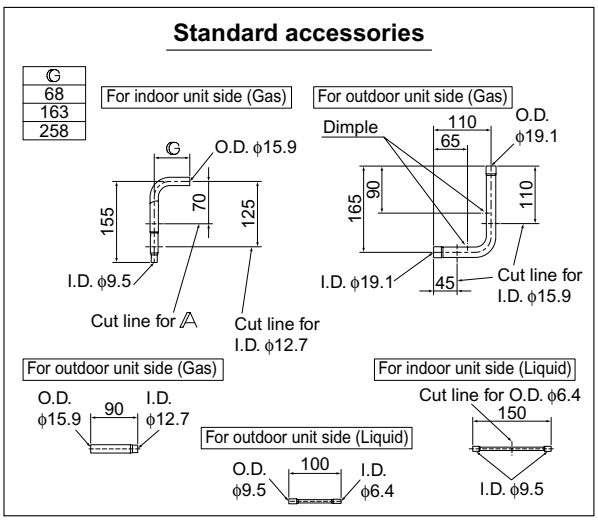


◆ **For 3 rooms**

(product dimensions and attachment bolt pitch)







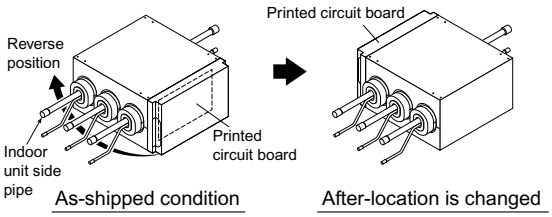
17

Installation of the Unit

1. Replacing the electric box

- This unit has two different installation types: (1) ceiling-suspended type and (2) wall-mounted type.
- Choose the proper installation pattern according to the location of installation.
- The installation location for the printed circuit board can be changed.
- **Procedure for changing the installation location of the printed circuit board.**

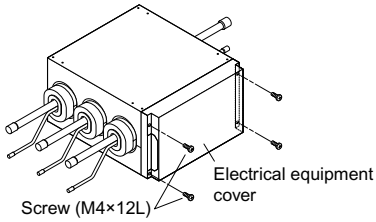
  If the installation location of the printed circuit board needs to be changed because of the installation conditions, perform the following:



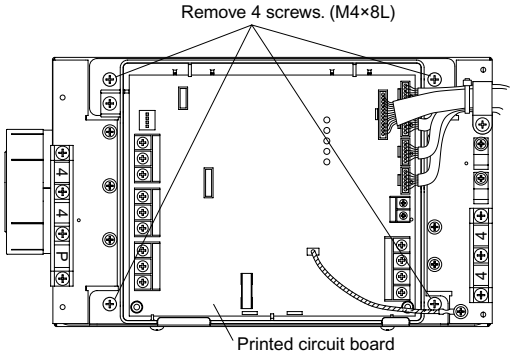
⚠ Caution

- Before doing any wiring on site, replace the electric box.

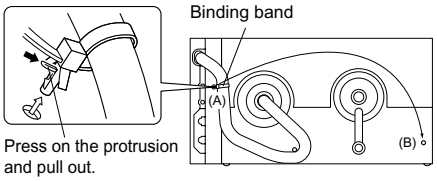
1) Remove the screws and pull off the electrical equipment cover.



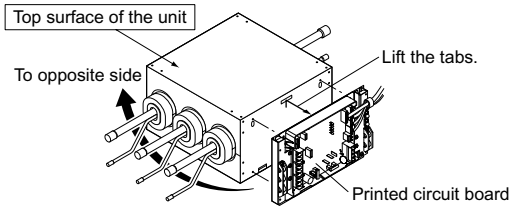
2) Remove 4 screws shown in the figure on the below, remove the printed circuit board.



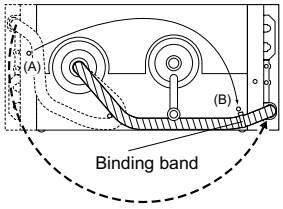
3) Remove the binding band (A) which holds the wires.



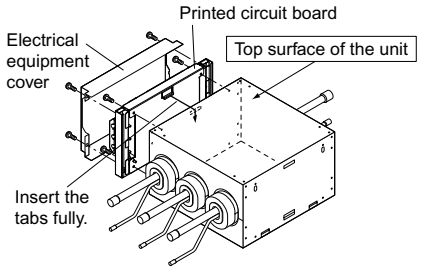
4) Remove the printed circuit board, and reattach as shown in the figure.



5) Reattach the binding band to position (B).



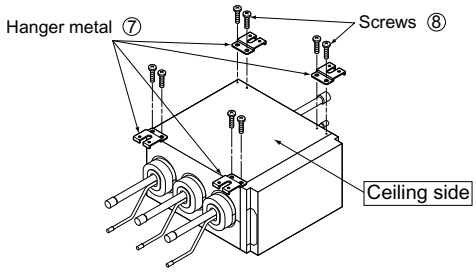
6) Attach the printed circuit board and electrical equipment cover to the other side and secure with the screws.

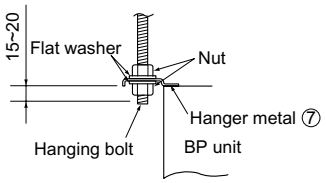


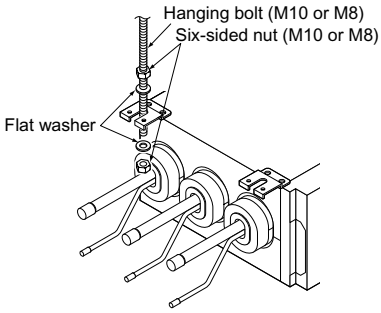
2. Ceiling-suspended type

Procedure:

1) Fix the furnished hanger metal ⑦ with two screws ⑧. (4 locations in total)
2) Using an insert-hole-in-anchor, hang the hanging bolt.
3) Install a hexagon nut and a flat washer (field supply) to the hanging bolt as shown in the figure in the below, and lift the unit to hang on the hanger metal.
4) After checking with a level that the unit is level, tighten the hexagon nut.
   * The tilt of the unit should be within ±5° in front/ back and left/right.



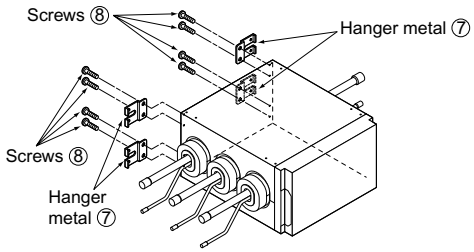


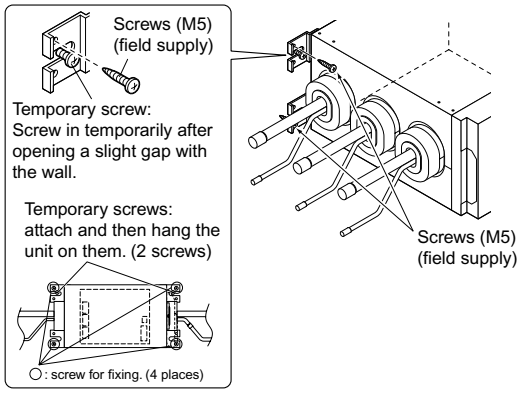


3. Wall-mounted type

Procedure:

1) Fix the furnished hanger metal ⑦ with two screws ⑧. (4 locations in total)
2) Create a gap with the wall and screw in the temporary screws, and hang the BP unit.
3) After checking with a level that the unit is level, fix the unit with screws (M5, field supply).
   * The tilt of the unit should be within ±5° in front/ back and left/right.





CAUTION

- Be sure to install the unit with the top surface up.
- **Do not install near bedrooms. The sound of refrigerant flowing through the piping may sometimes be audible.**

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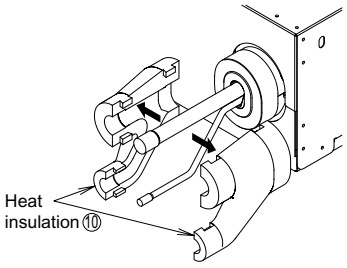
Connection of Refrigerant Piping

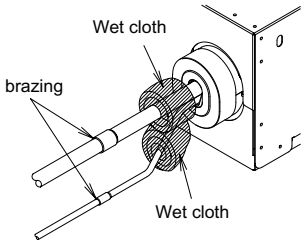
See the indoor and outdoor units installation manual for details on the size of connection piping to the indoor and outdoor units.

1. About brazing pipes on site

1) Before brazing, remove the heat insulation.
2) Remove the blue-colored tape, and throw it out.

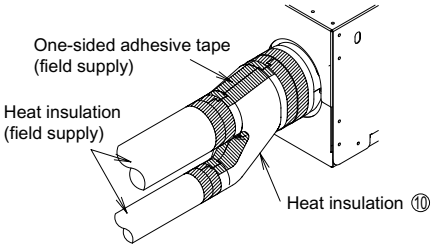


3) Wrap the pipes to be brazed with sufficient wet cloths so that brazing does not affect the unit.
4) After brazing, use wet cloths or spray mist to sufficiently cool off all pipes.
5) When brazing, be careful that the flame of the torch does not come in contact with the unit.
(Since the inside of the unit is made of plastic, it may become deformed or melt, destroying its heat-insulation performance.)



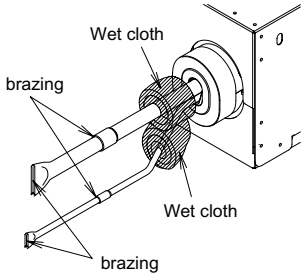
2. Insulation of pipes

1) Attach heat insulation to each pipe.
2) When attaching insulation to the pipes, use one-sided adhesive tape or similar materials to thoroughly prevent air from entering the heat insulation.
3) Eliminate any gaps in the heat insulation.

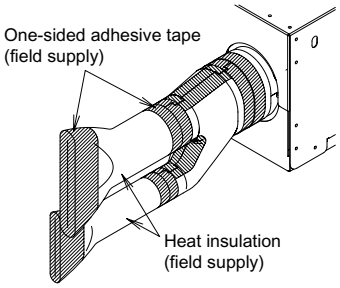


3. Unconnected pipes

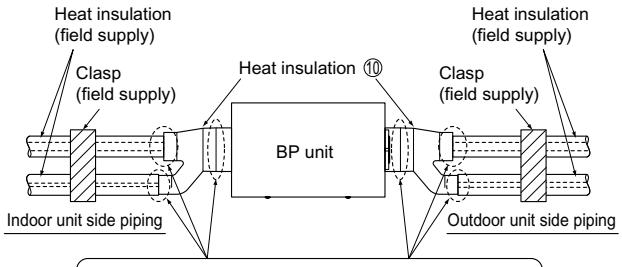
1) For pipes not yet connected to a room, pinch the end of the pipe and braze them.
2) When brazing this area too, wrap the pipes with sufficient wet cloths to protect the unit.
3) After brazing this area too, cool the pipes sufficiently.



4) Attach heat insulation, and use one-sided adhesive tape to thoroughly prevent air from entering the heat insulation.
5) Cover the ends of the pipes with sufficient heat insulation.

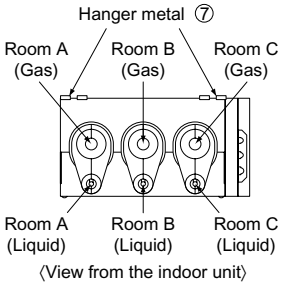


- After brazing and system leakage check, connect a heat insulation (field supply), and let it cure completely following the procedure illustrated right. Use the heat insulation with the following specifications:
  Thermal conductivity: **0.041-0.052W/mK (0.035-0.045kcal/mh°C or more)** / thickness 13mm or more
  Heat resistance = 100°C or higher (only heat pump system)
- To ensure that the weight of the local interunit piping does not bear on directly on the BP unit, secure it near the BP unit using the clasp (field supply).



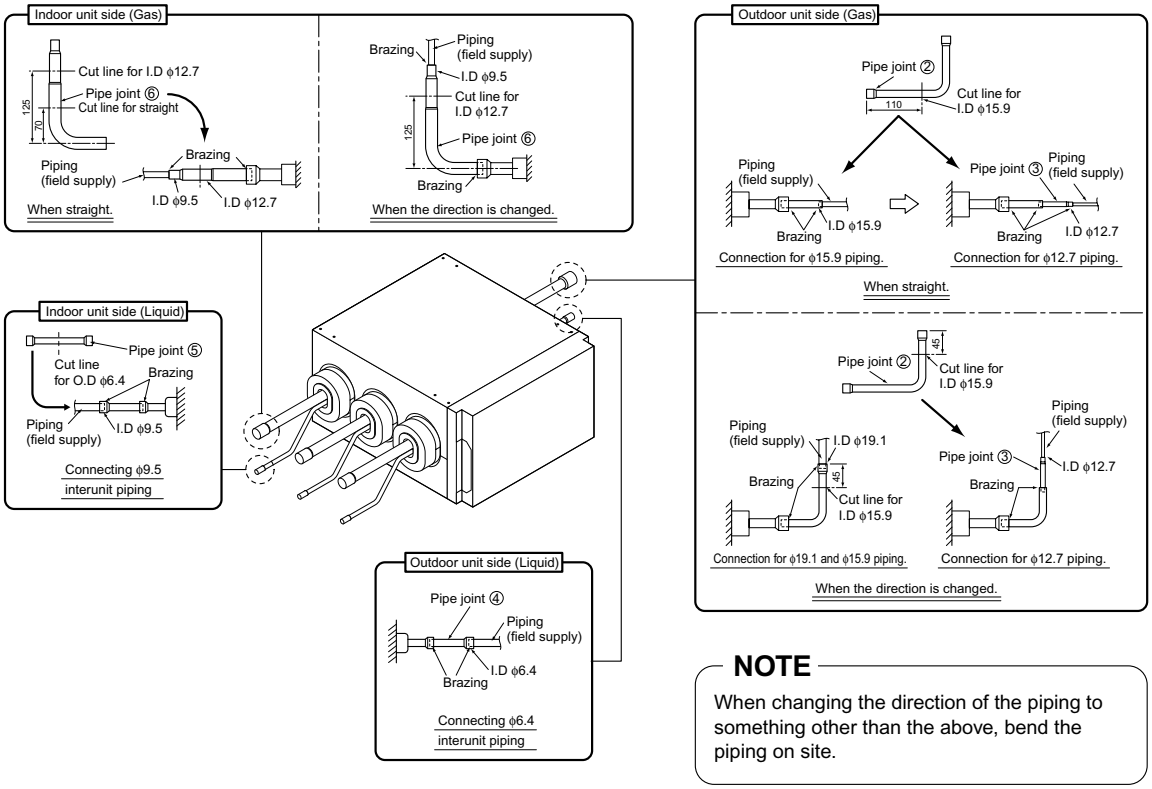
Place the heat insulation up against the BP unit to prevent any gaps from forming between the two, and wrap with masking tape as shown in the figure.

- When connecting indoor units, make sure to connect refrigerant pipes and connection wires to the appropriate connection ports marked with matching alphabets (A, B and C).



〈View from the indoor unit〉

- When changing the routing direction, use the pipe joints ② and ⑥ (accessories).
  Use pipe joints ③, ④ and ⑤ to connect refrigerant pipes with different diameters.



NOTE

When changing the direction of the piping to something other than the above, bend the piping on site.

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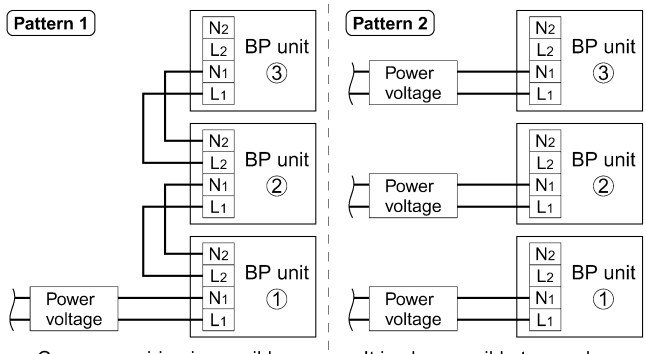
Connecting the Wiring

The following kind of wiring methods is okay for the power line.



• Crossover wiring is possible for the power line.

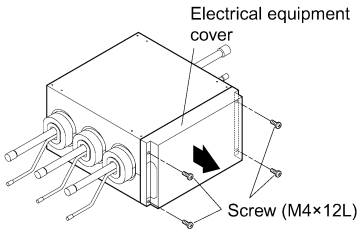
• It is also possible to supply power from the BP units themselves.

CAUTION

- Be sure to connect the power line to L_1 and N_1.
- For crossover wiring, take the line from L_2 and N_2 and connect it to L_1 and N_1 on the other BP unit.

Work procedure

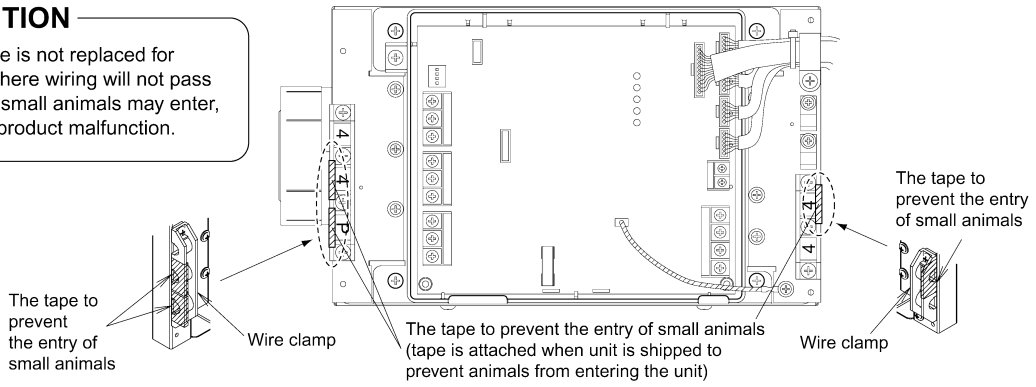
1) Remove the screws and pull off the electrical equipment cover.



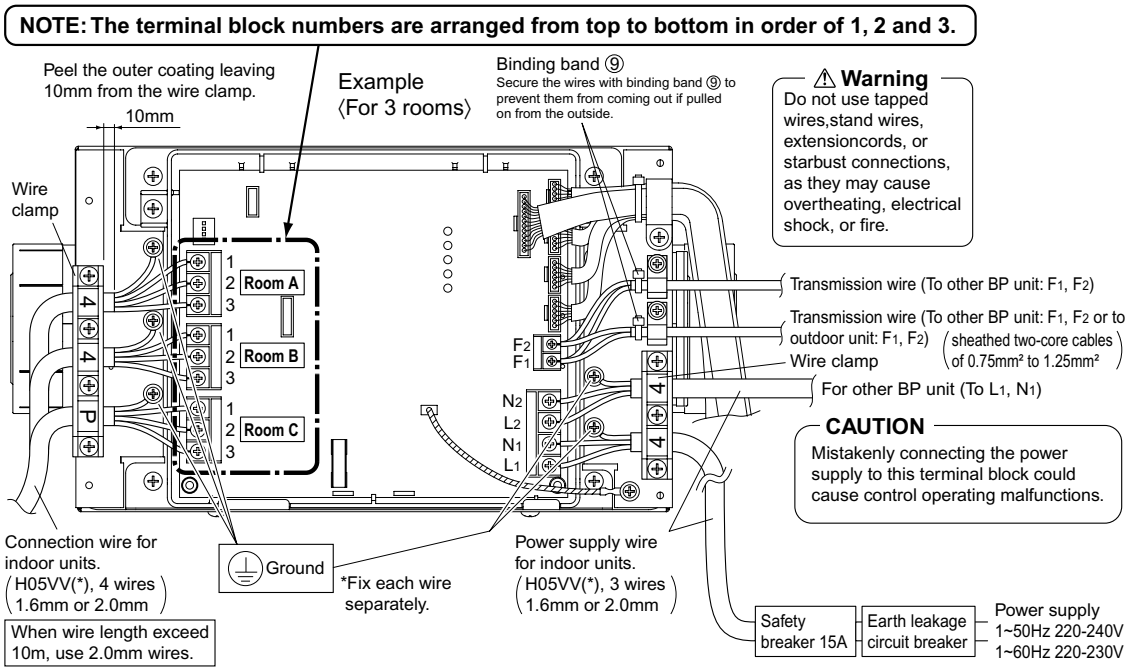
2) Tape is attached to the wire binding band. The purpose of the tape is to prevent small animals from entering the unit. Only remove the tape from places where wiring it to be passed through.

CAUTION

If the tape is not replaced for places where wiring will not pass through, small animals may enter, causing product malfunction.



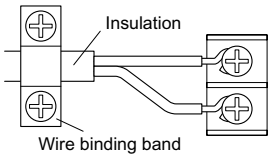
3) Follow the instructions on the wiring nameplate to connect the connection wires of indoor/outdoor units to terminal block numbers. (1, 2, 3, F_1 and F_2) Always fix each ground wire separately with a ground screw. (See the figure below.)



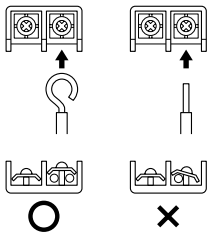
(*) Only in protected pipes, use H07RN-F when protected pipes are not use.
Specifications for local wiring power cord and branch wiring are in compliance with IEC60245.

CAUTION

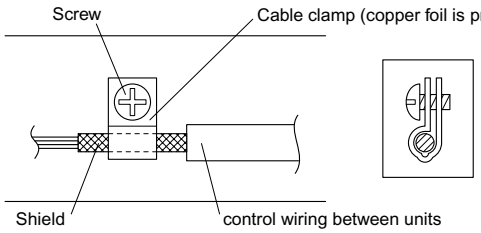
- All local interunit wiring must be secured using the wire binding band over the insulation, as shown in the figure.



- When connecting the connection wires to the terminal block using a single core wire, be sure to perform curling. Problems with the work may cause heat and fires.



- Use shield wire (Transmission wire only).



Fix the shield area of the unit to unit wiring to the copper foil area of the clamp.

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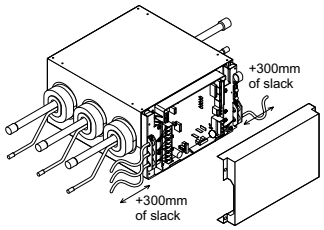
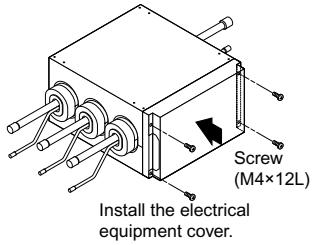
4) Allow 300mm for the pulling-out section of harness.



5) Return the electrical equipment cover to its original position, and fix it with the screws.



Operating Test

Follow the “Operating test” as described in the installation manual of the outdoor unit.
If the BP unit does not operate normally during the test run, the error can be checked on the remote controller display for the indoor unit.

Error codes displayed on the remote controller

Malfunction code	Nonconformity during installation	Remedial action
A9	Electric expansion valve connector not connected (BP unit)	Please contact your dealer.
E2	Printed circuit board faulty (BP unit)	
J0	Liquid and gas thermistor faulty (BP unit)	
U4	Transmission error between BP unit and indoor unit	Connect correctly the interconnections between BP unit and indoor unit.
U9	Transmission error between outdoor unit and other BP unit	Connect correctly the interconnections between outdoor and other BP unit.
UJ	Transmission error between outdoor unit and this BP unit connecting with the indoor unit of error code displayed	Connect correctly the interconnections between outdoor and this BP unit connecting with the indoor unit of error code displayed.

The BP Unit

Simple diagnosis can be done using the LEDs on the BP unit’s circuit board.
For details, see the label on the inside of the BP unit’s electrical equipment cover.

Part 6
RXQ-TH
Cooling Only 50Hz
High-COP Type

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   6.2 Cooling Capacity for *VRV* Indoor Units Only (Te: 9ºC) 410
   6.3 Capacity Correction Factor 430
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8. Sound Levels 439
   8.1 Overall 439
9. Accessories 440
   9.1 Optional Accessories 440

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1. Specifications

1.1 Cooling Only 50Hz High-COP Type (RXQ-TH)

Model Name (Combination Unit)			RXQ12THY1(E)	RXQ14THY1(E)
Model Name (Independent Unit)			RXQ6TY1(E)+RXQ6TY1(E)	RXQ6TY1(E)+RXQ8TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	27,500	33,000
		Btu/h	109,000	131,000
		kW	32.0	38.4
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(16.24)	(16.24)+(16.24)
	Number of Revolutions	r/min	(7,668)+(7,668)	(7,668)+(7,668)
	Motor Output× Number of Units	kW	(2.4×1)+(2.4×1)	(2.4×1)+(3.4×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)
	Airflow Rate	m^3/min	119+119	119+157
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ12.7 C1220T (Brazing connection)	ϕ12.7 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	185+185	185+185
★2 Sound pressure level		dB(A)	58	59
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	10-100	10-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+5.9	5.9+5.9
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ16THY1(E)	RXQ18THY1(E)
Model Name (Independent Unit)			RXQ8TY1(E)+RXQ8TY1(E)	RXQ6TY1(E)+RXQ6TY1(E)+RXQ6TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	38,500	41,300
		Btu/h	153,000	164,000
		kW	44.8	48.0
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(16.24)	(16.24)+(16.24)+(16.24)
	Number of Revolutions	r/min	(7,668)+(7,668)	(7,668)+(7,668)+(7,668)
	Motor Output× Number of Units	kW	(3.4×1)+(3.4×1)	(2.4×1)+(2.4×1)+(2.4×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)+(0.55×1)
	Airflow Rate	m^3/min	157+157	119+119+119
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ12.7 C1220T (Brazing connection)	ϕ15.9 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	185+185	185+185+185
★2 Sound pressure level		dB(A)	59	60
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	10-100	7-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+5.9	5.9+5.9+5.9
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			**RXQ20THY1(E)**	**RXQ22THY1(E)**
Model Name (Independent Unit)			**RXQ6TY1(E)+RXQ6TY1(E)+RXQ8TY1(E)**	**RXQ6TY1(E)+RXQ8TY1(E)+RXQ8TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	46,800	52,300
		Btu/h	186,000	207,000
		kW	54.4	60.8
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(16.24)+(16.24)	(16.24)+(16.24)+(16.24)
	Number of Revolutions	r/min	(7,668)+(7,668)+(7,668)	(7,668)+(7,668)+(7,668)
	Motor Output× Number of Units	kW	(2.4×1)+(2.4×1)+(3.4×1)	(2.4×1)+(3.4×1)+(3.4×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)+(0.55×1)
	Airflow Rate	m^3/min	119+119+157	119+157+157
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ15.9 C1220T (Brazing connection)	ϕ15.9 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	185+185+185	185+185+185
★2 Sound pressure level		dB(A)	60	60
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	7-100	7-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+5.9+5.9	5.9+5.9+5.9
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ24THY1(E)	RXQ26THY1(E)
Model Name (Independent Unit)			RXQ8TY1(E)+RXQ8TY1(E)+RXQ8TY1(E)	RXQ8TY1(E)+RXQ8TY1(E)+RXQ10TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	57,800	62,600
		Btu/h	229,000	248,000
		kW	67.2	72.8
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(16.24)+(16.24)	(16.24)+(16.24)+(24.37)
	Number of Revolutions	r/min	(7,668)+(7,668)+(7,668)	(7,668)+(7,668)+(7,650)
	Motor Output× Number of Units	kW	(3.4×1)+(3.4×1)+(3.4×1)	(3.4×1)+(3.4×1)+(4.1×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)+(0.55×1)
	Airflow Rate	m^3/min	157+157+157	157+157+165
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ15.9 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	185+185+185	185+185+195
★2 Sound pressure level		dB(A)	61	61
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	7-100	6-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+5.9+5.9	5.9+5.9+6.0
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860
Btu/h=kW×3412
$cfm=m^3/min×35.3$

Model Name (Combination Unit)			**RXQ28THY1(E)**	**RXQ30THY1(E)**
Model Name (Independent Unit)			**RXQ8TY1(E)+RXQ8TY1(E)+RXQ12TY1(E)**	**RXQ8TY1(E)+RXQ10TY1(E)+RXQ12TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	67,300	72,200
		Btu/h	267,000	286,000
		kW	78.3	83.9
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(16.24)+(24.68)	(16.24)+(24.37)+(24.68)
	Number of Revolutions	r/min	(7,668)+(7,668)+(7,746)	(7,668)+(7,650)+(7,746)
	Motor Output× Number of Units	kW	(3.4×1)+(3.4×1)+(5.2×1)	(3.4×1)+(4.1×1)+(5.2×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)+(0.55×1)
	Airflow Rate	m^3/min	157+157+178	157+165+178
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	185+185+195	185+195+195
★2 Sound pressure level		dB(A)	62	62
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	6-100	5-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+5.9+6.3	5.9+6.0+6.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ32THY1(E)	RXQ34THY1(E)
Model Name (Independent Unit)			RXQ8TY1(E)+RXQ12TY1(E)+RXQ12TY1(E)	RXQ8TY1(E)+RXQ12TY1(E)+RXQ14TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	76,900	82,500
		Btu/h	305,000	327,000
		kW	89.4	95.9
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(24.68)+(24.68)	(16.24)+(24.68)+(14.84+16.11)
	Number of Revolutions	r/min	(7,668)+(7,746)+(7,746)	(7,668)+(7,746)+(7,008+7,608)
	Motor Output× Number of Units	kW	(3.4×1)+(5.2×1)+(5.2×1)	(3.4×1)+(5.2×1)+(2.9×1)+(3.3×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)+(0.75×2)
	Airflow Rate	m^3/min	157+178+178	157+178+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	185+195+195	185+195+285
★2 Sound pressure level		dB(A)	63	63
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	5-100	5-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+6.3+6.3	5.9+6.3+10.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			**RXQ36THY1(E)**	**RXQ38THY1(E)**
Model Name (Independent Unit)			**RXQ8TY1(E)+RXQ14TY1(E)+RXQ14TY1(E)**	**RXQ12TY1(E)+RXQ12TY1(E)+RXQ14TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	87,700	92,000
		Btu/h	348,000	365,000
		kW	102	107
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(14.84+16.11)+(14.84+16.11)	(24.68)+(24.68)+(14.84+16.11)
	Number of Revolutions	r/min	(7,668)+(7,008+7,608)+(7,008+7,608)	(7,746)+(7,746)+(7,008+7,608)
	Motor Output× Number of Units	kW	(3.4×1)+(2.9×1)+(3.3×1)+(2.9×1)+(3.3×1)	(5.2×1)+(5.2×1)+(2.9×1)+(3.3×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.75×2)+(0.75×2)	(0.55×1)+(0.55×1)+(0.75×2)
	Airflow Rate	m^3/min	157+233+233	178+178+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	185+285+285	195+195+285
★2 Sound pressure level		dB(A)	64	64
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	4-100	4-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+10.3+10.3	6.3+6.3+10.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ40THY1(E)	RXQ42THY1(E)
Model Name (Independent Unit)			RXQ12TY1(E)+RXQ14TY1(E)+RXQ14TY1(E)	RXQ14TY1(E)+RXQ14TY1(E)+RXQ14TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	98,000	103,000
		Btu/h	389,000	409,000
		kW	114	120
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(24.68)+(14.84+16.11)+(14.84+16.11)	(14.84+16.11)+(14.84+16.11)+(14.84+16.11)
	Number of Revolutions	r/min	(7,746)+(7,008+7,608)+(7,008+7,608)	(7,008+7,608)+(7,008+7,608)+(7,008+7,608)
	Motor Output× Number of Units	kW	(5.2×1)+(2.9×1)+(3.3×1)+(2.9×1)+(3.3×1)	(2.9×1)+(3.3×1)+(2.9×1)+(3.3×1)+(2.9×1)+(3.3×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	178+233+233	233+233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	195+285+285	285+285+285
★2 Sound pressure level		dB(A)	64	65
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	4-100	4-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.3+10.3+10.3	10.3+10.3+10.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			**RXQ44THY1(E)**	**RXQ46THY1(E)**
Model Name (Independent Unit)			**RXQ14TY1(E)+RXQ14TY1(E)+RXQ16TY1(E)**	**RXQ14TY1(E)+RXQ16TY1(E)+RXQ16TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	108,000	112,000
		Btu/h	427,000	444,000
		kW	125	130
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(14.84+16.11)+(14.84+16.11)+(16.27+17.54)	(14.84+16.11)+(16.27+17.54)+(16.27+17.54)
	Number of Revolutions	r/min	(7,008+7,608)+(7,008+7,608)+(7,680+8,280)	(7,008+7,608)+(7,680+8,280)+(7,680+8,280)
	Motor Output× Number of Units	kW	(2.9×1)+(3.3×1)+(2.9×1)+(3.3×1)+(3.6×1)+(3.7×1)	(2.9×1)+(3.3×1)+(3.6×1)+(3.7×1)+(3.6×1)+(3.7×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	233+233+233	233+233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	285+285+285	285+285+285
★2 Sound pressure level		dB(A)	65	65
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	3-100	3-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.3+10.3+10.4	10.3+10.4+10.4
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ48THY1(E)	RXQ50THY1(E)
Model Name (Independent Unit)			RXQ16TY1(E)+RXQ16TY1(E)+RXQ16TY1(E)	RXQ16TY1(E)+RXQ16TY1(E)+RXQ18TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	116,000	120,000
		Btu/h	461,000	478,000
		kW	135	140
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.27+17.54)+(16.27+17.54)+(16.27+17.54)	(16.27+17.54)+(16.27+17.54)+(16.27+17.54)
	Number of Revolutions	r/min	(7,680+8,280)+(7,680+8,280)+(7,680+8,280)	(7,680+8,280)+(7,680+8,280)+(7,680+8,280)
	Motor Output× Number of Units	kW	(3.6×1)+(3.7×1)+(3.6×1)+(3.7×1)+(3.6×1)+(3.7×1)	(3.6×1)+(3.7×1)+(3.6×1)+(3.7×1)+(4.4×1)+(4.0×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	233+233+233	233+233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	285+285+285	285+285+285
★2 Sound pressure level		dB(A)	66	66
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	3-100	3-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.4+10.4+10.4	10.4+10.4+10.5
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

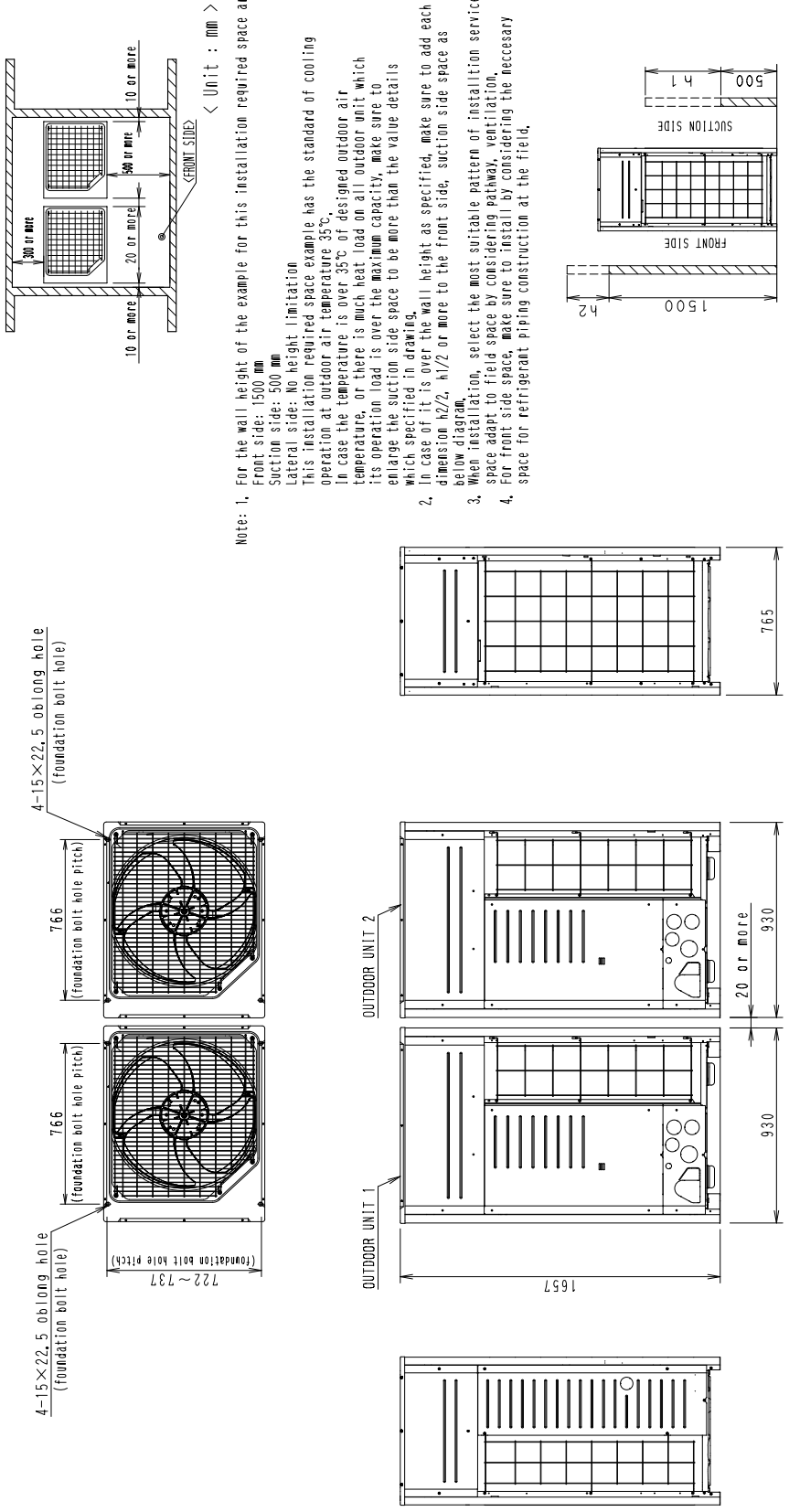
2. Dimensions

2.1 Combination Unit

RXQ12THY1 / RXQ14THY1 / RXQ16THY1

Unit (mm)

3D084457B



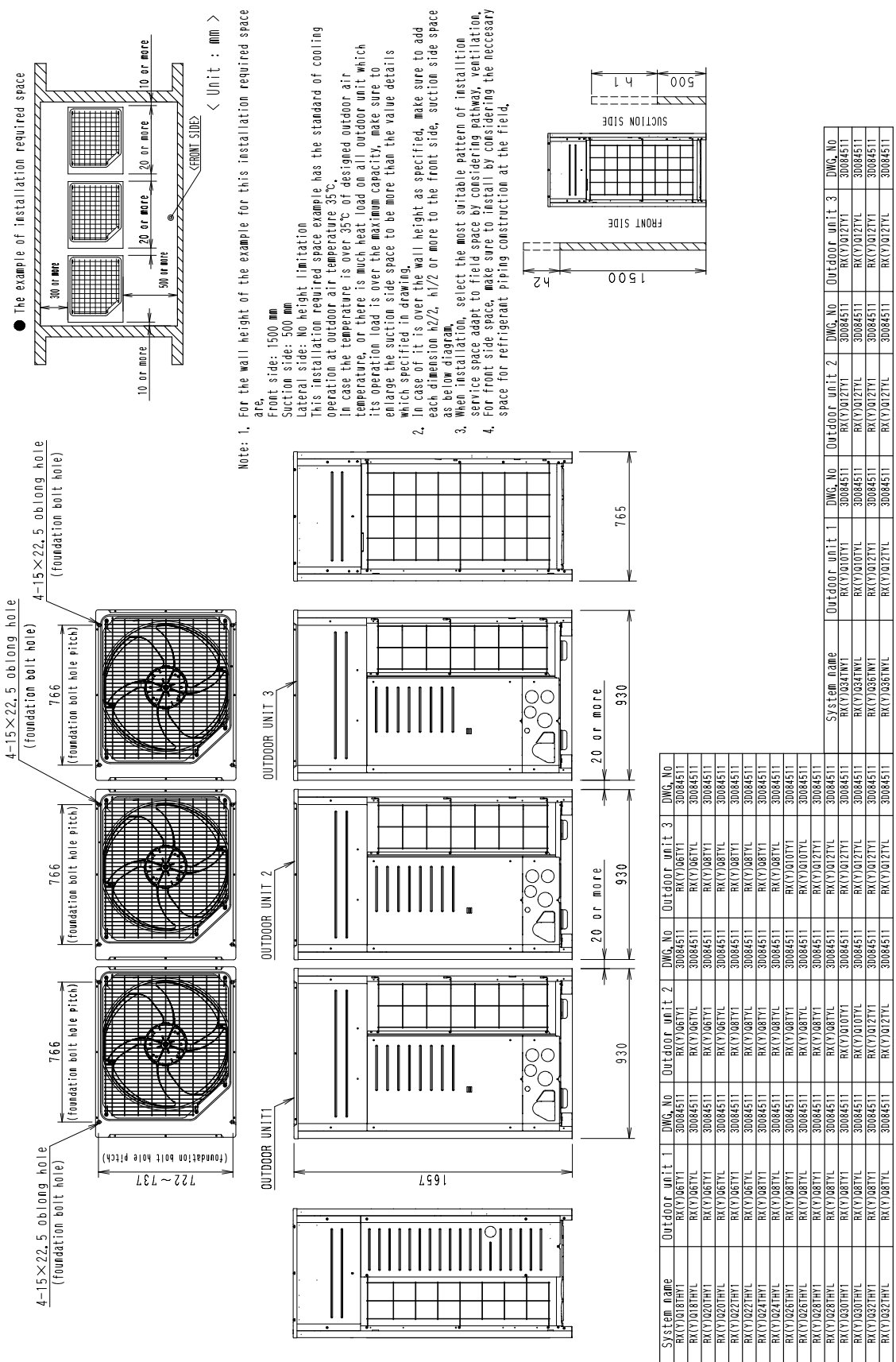
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. NO
RX(Y)Q12THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511
RX(Y)Q12THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511
RX(Y)Q14THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q14THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q16THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q16THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511

System name	DWG. No	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q8TNY1	3D084511	RX(Y)Q8TY1	3D084511	RX(Y)Q10TY1	3D084511	RX(Y)Q22TSY1	RX(Y)Q10TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q8TNYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q10TYL	3D084511	RX(Y)Q22TSYL	RX(Y)Q10TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q10TNY1	3D084511	RX(Y)Q8TY1	3D084511	RX(Y)Q12TY1	3D084511	RX(Y)Q24TSY1	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q10TNYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511	RX(Y)Q24TSYL	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

RXQ18THY1 / RXQ20THY1 / RXQ22THY1 / RXQ24THY1 / RXQ26THY1 / RXQ28THY1 / RXQ30THY1 / RXQ32THY1

Unit (mm)

3D084529B



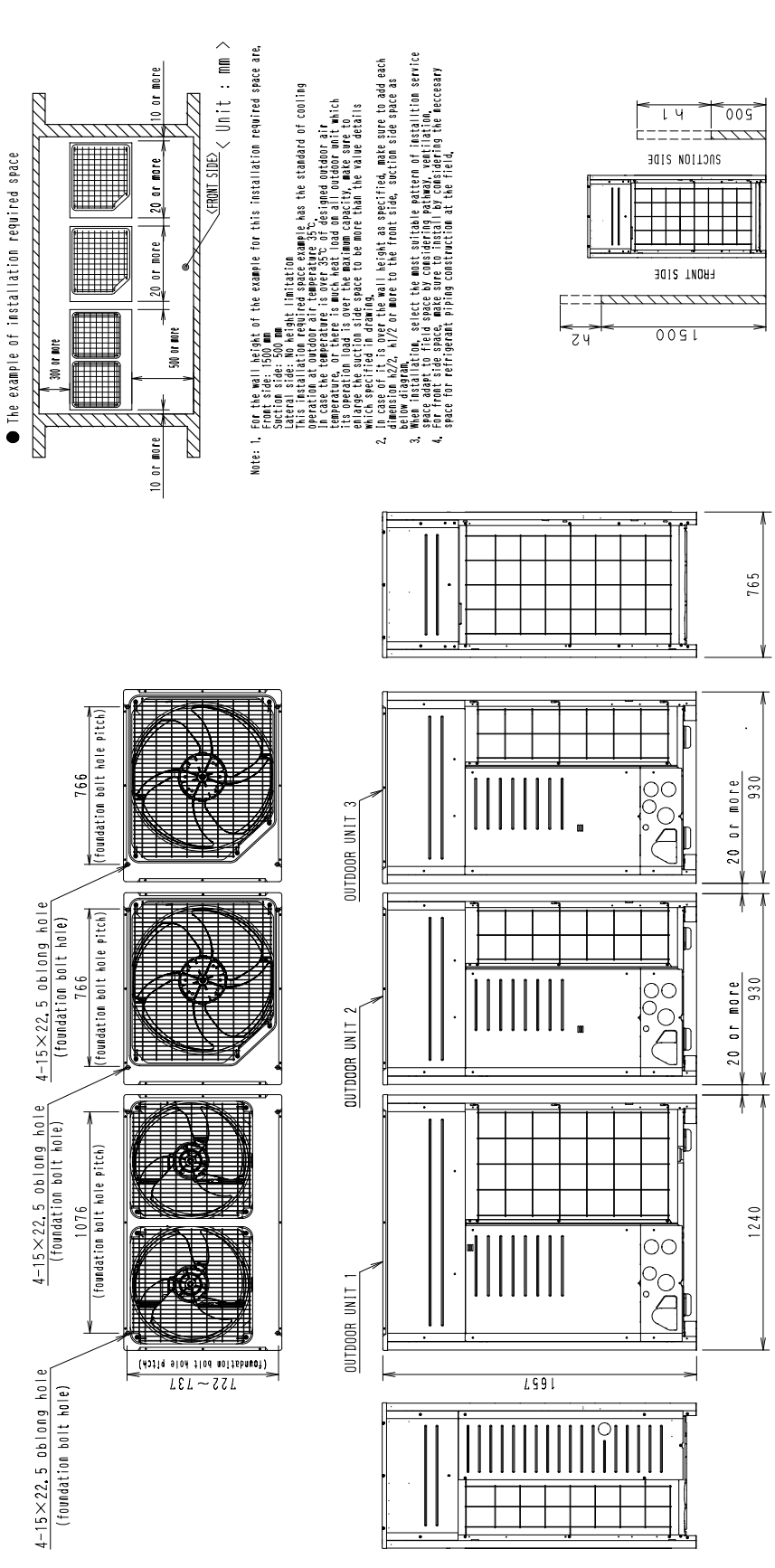
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q18THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511
RX(Y)Q18THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511
RX(Y)Q20THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q20THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q22THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q22THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q24THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q24THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q26THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511	RX(Y)Q10TY1	3D084511
RX(Y)Q26THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q10TYL	3D084511
RX(Y)Q28THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q28THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q30THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q10TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q30THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q10TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q32THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q32THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q34TNY1	RX(Y)Q10TY1	3D084511	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q34TNYL	RX(Y)Q10TYL	3D084511	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q36TNY1	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q36TNYL	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

RXQ34THY1 / RXQ38THY1

Unit (mm)

3D084528B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q34THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q8TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q34THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q38THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q38THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

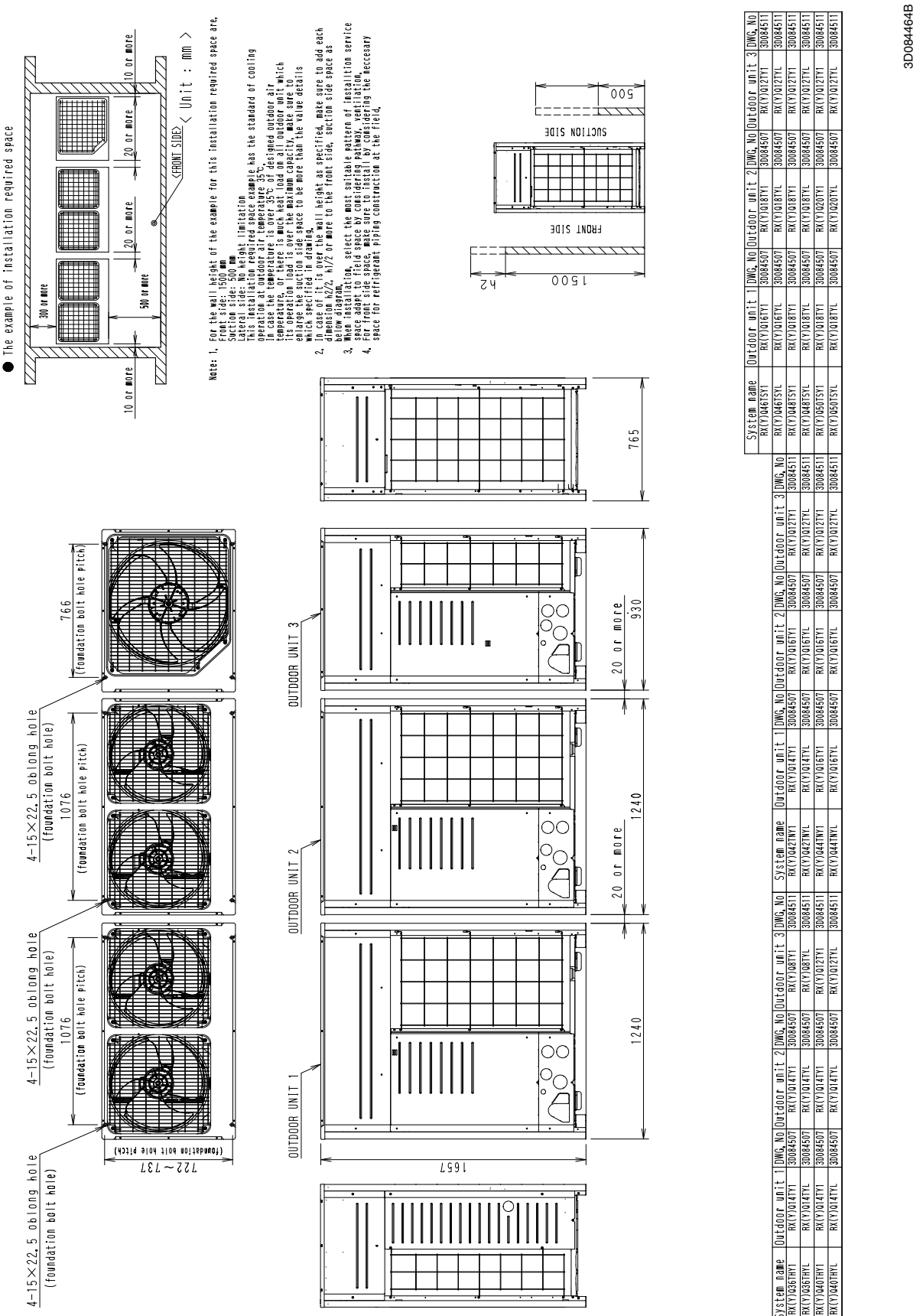
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q38TNY1	RX(Y)Q18TY1	3D084507	RX(Y)Q8TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q38TNYL	RX(Y)Q18TYL	3D084507	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q40TNY1	RX(Y)Q16TY1	3D084507	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q40TNYL	RX(Y)Q16TYL	3D084507	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q42TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q42TSYL	RX(Y)Q18TYL	3D084507	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q44TSY1	RX(Y)Q20TY1	3D084507	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q44TSYL	RX(Y)Q20TYL	3D084507	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

RXQ36THY1 / RXQ40THY1

Unit (mm)

3D084464B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RXQ36THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TY1	3D084507	RX(Y)Q8TY1	3D084511
RXQ36THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q8TYL	3D084511
RXQ40THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TY1	3D084507	RX(Y)Q12TY1	3D084511
RXQ40THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q42TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q42TNYL	RX(Y)Q14TYL	3D084511	RX(Y)Q16TYL	3D084507	RX(Y)Q12TYL	3D084511
RX(Y)Q44TNY1	RX(Y)Q16TY1	3D084507	RX(Y)Q16TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q44TNYL	RX(Y)Q16TYL	3D084507	RX(Y)Q16TYL	3D084507	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q46TSY1	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q46TSYL	RX(Y)Q16TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q12TYL	3D084511
RX(Y)Q48TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q48TSYL	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q12TYL	3D084511
RX(Y)Q50TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q20TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q50TSYL	RX(Y)Q18TYL	3D084507	RX(Y)Q20TYL	3D084507	RX(Y)Q12TYL	3D084511

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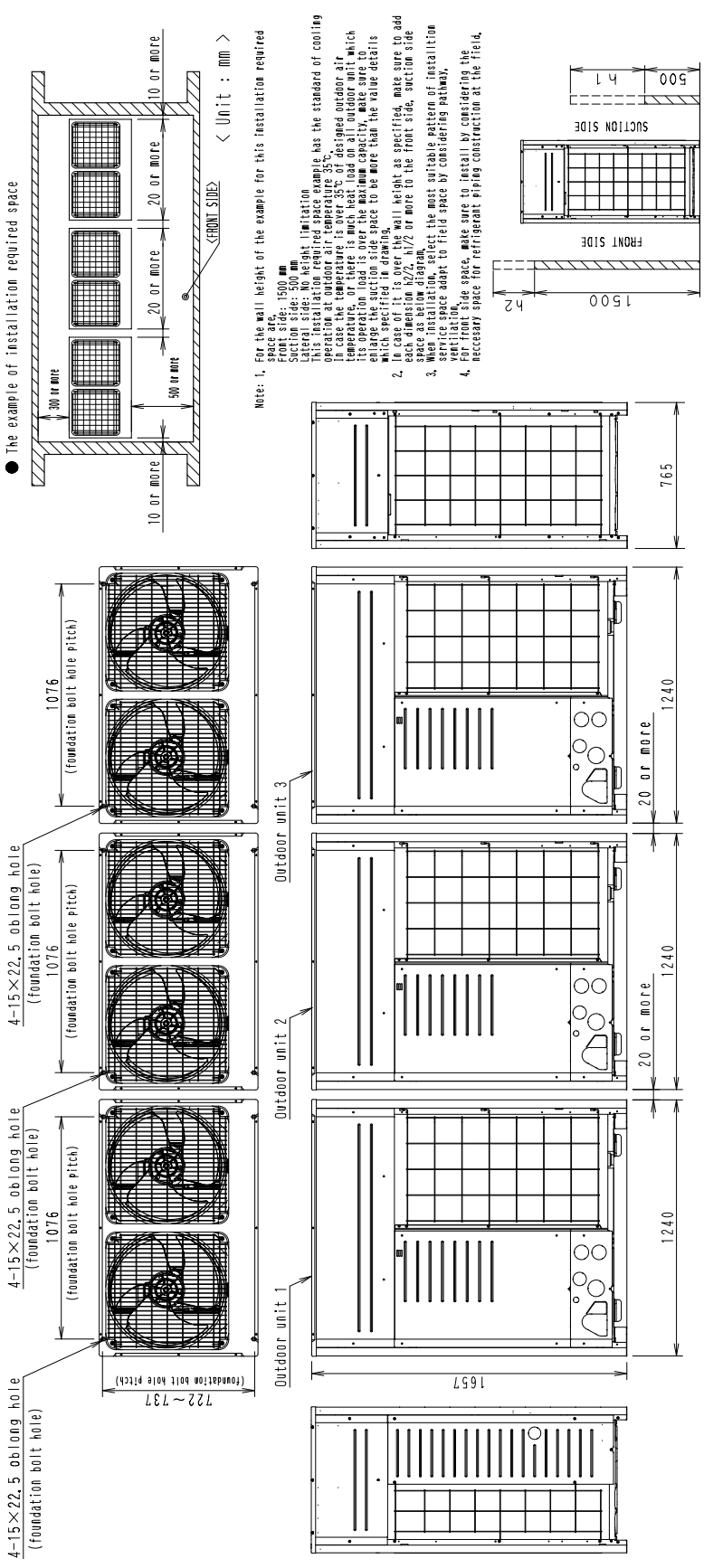
RXQ42THY1 / RXQ44THY1 / RXQ46THY1 / RXQ48THY1 / RXQ50THY1

Unit (mm)

3D084465B



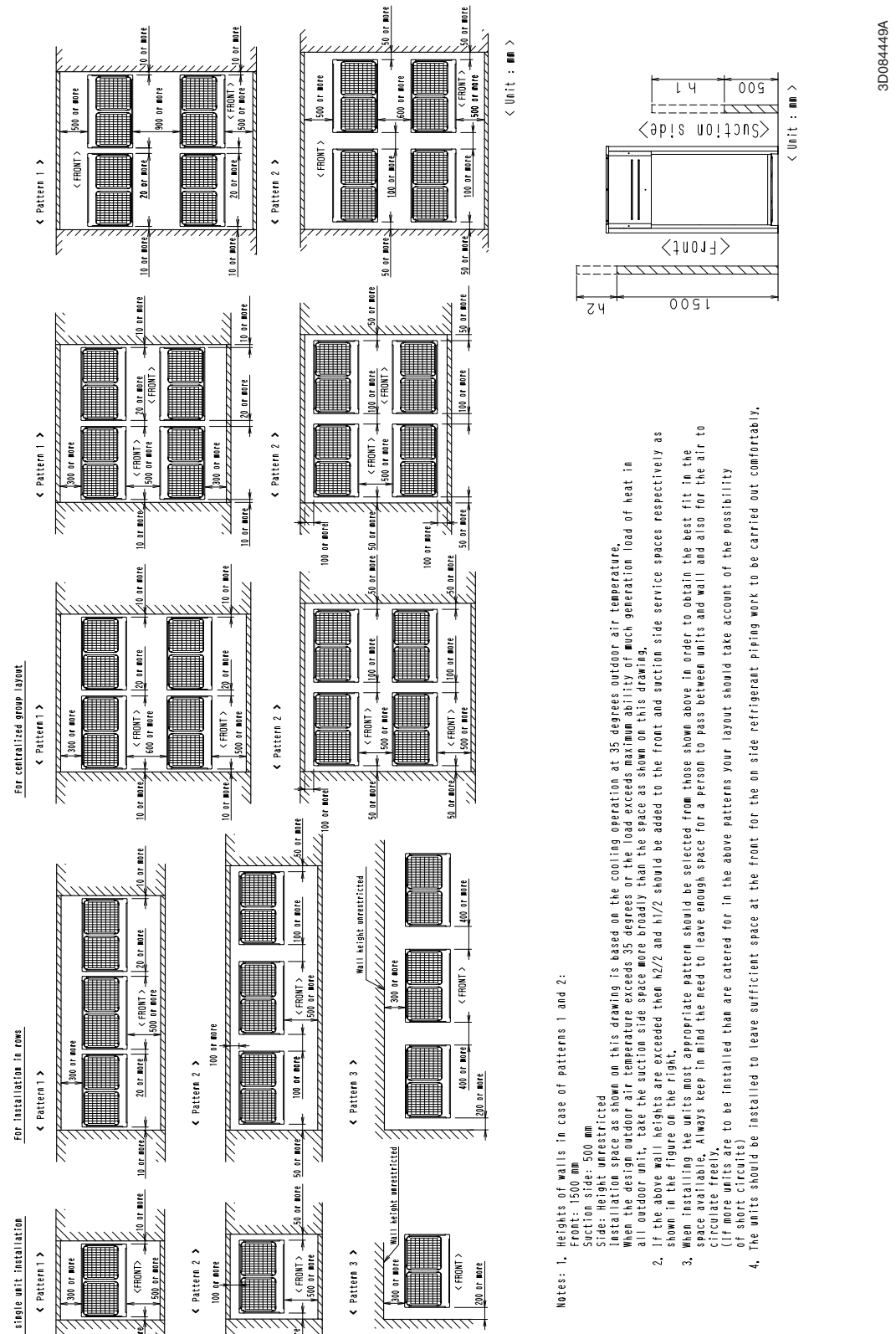
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q42THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507
RX(Y)Q42THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507
RX(Y)Q44THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507
RX(Y)Q44THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507
RX(Y)Q46THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507	RX(Y)Q16TY1	3D084507
RX(Y)Q46THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507	RX(Y)Q16TYL	3D084507
RX(Y)Q48THY1	RX(Y)Q16TY1	3D084507	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q48THYL	RX(Y)Q16TYL	3D084507	RX(Y)Q16TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q50THY1	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q50THYL	RX(Y)Q16TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q46TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q46TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q48TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q48TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q50TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q50TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q52TNY1	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q52TNYL	RX(Y)Q16TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q54TNY1	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q54TNYL	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q56TNY1	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q56TNYL	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q20TYL	3D084507
RX(Y)Q58TNY1	RX(Y)Q18TY1	3D084507	RX(Y)Q20TY1	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q58TNYL	RX(Y)Q18TYL	3D084507	RX(Y)Q20TYL	3D084507	RX(Y)Q20TYL	3D084507
RX(Y)Q60TNY1	RX(Y)Q20TY1	3D084507	RX(Y)Q20TYL	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q60TNYL	RX(Y)Q20TYL	3D084507	RX(Y)Q20TYL	3D084507	RX(Y)Q20TYL	3D084507

3. Service Space

RXQ12THY1 / RXQ14THY1 / RXQ16THY1 / RXQ18THY1 / RXQ20THY1 / RXQ22THY1 / RXQ24THY1 / RXQ26THY1 / RXQ28THY1 / RXQ30THY1 / RXQ32THY1 / RXQ34THY1 / RXQ36THY1 / RXQ38THY1 / RXQ40THY1 / RXQ42THY1 / RXQ44THY1 / RXQ46THY1 / RXQ48THY1 / RXQ50THY1

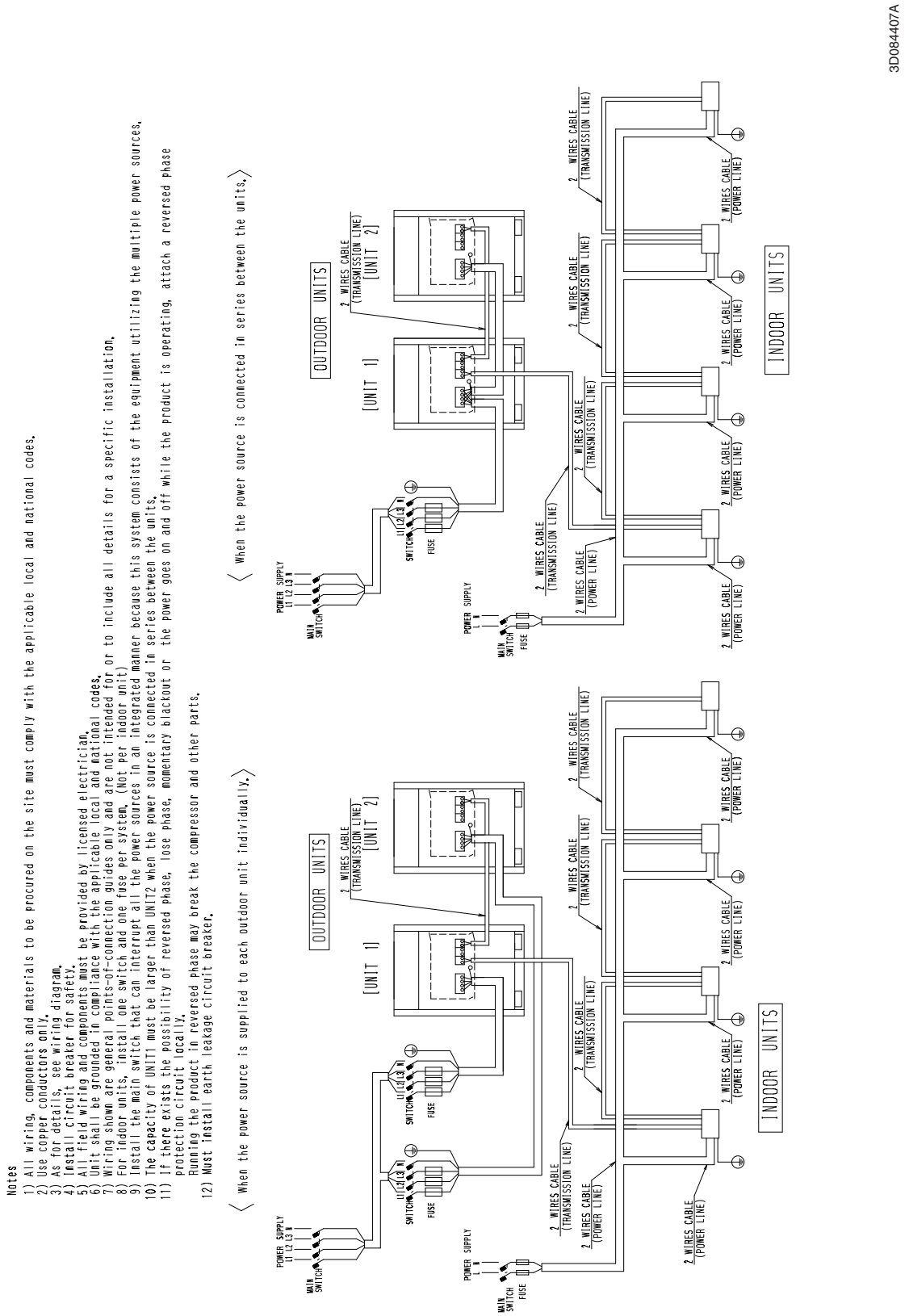
Unit (mm)



Notes: 1. Heights of walls in case of patterns 1 and 2:
Front: 1500 mm
Suction side: 500 mm
Side: Height unrestricted
Installation space as shown on this drawing is based on the cooling operation at 35 degrees outdoor air temperature.
When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability of much generation load of heat in all outdoor unit, take the suction side space more broadly than the space as shown on this drawing.
2. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
3. When installing the units most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available. Always keep in mind the need to leave enough space for a person to pass between units and wall and also for the air to circulate freely.
(If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits)
4. The units should be installed to leave sufficient space at the front for the on side refrigerant piping work to be carried out comfortably.

4. Field Wiring

RXQ12THY1 / RXQ14THY1 / RXQ16THY1



RXQ18THY1 / RXQ20THY1 / RXQ22THY1 / RXQ24THY1 / RXQ26THY1 / RXQ28THY1 / RXQ30THY1 / RXQ32THY1 / RXQ34THY1 / RXQ36THY1 / RXQ38THY1 / RXQ40THY1 / RXQ42THY1 / RXQ44THY1 / RXQ46THY1 / RXQ48THY1 / RXQ50THY1

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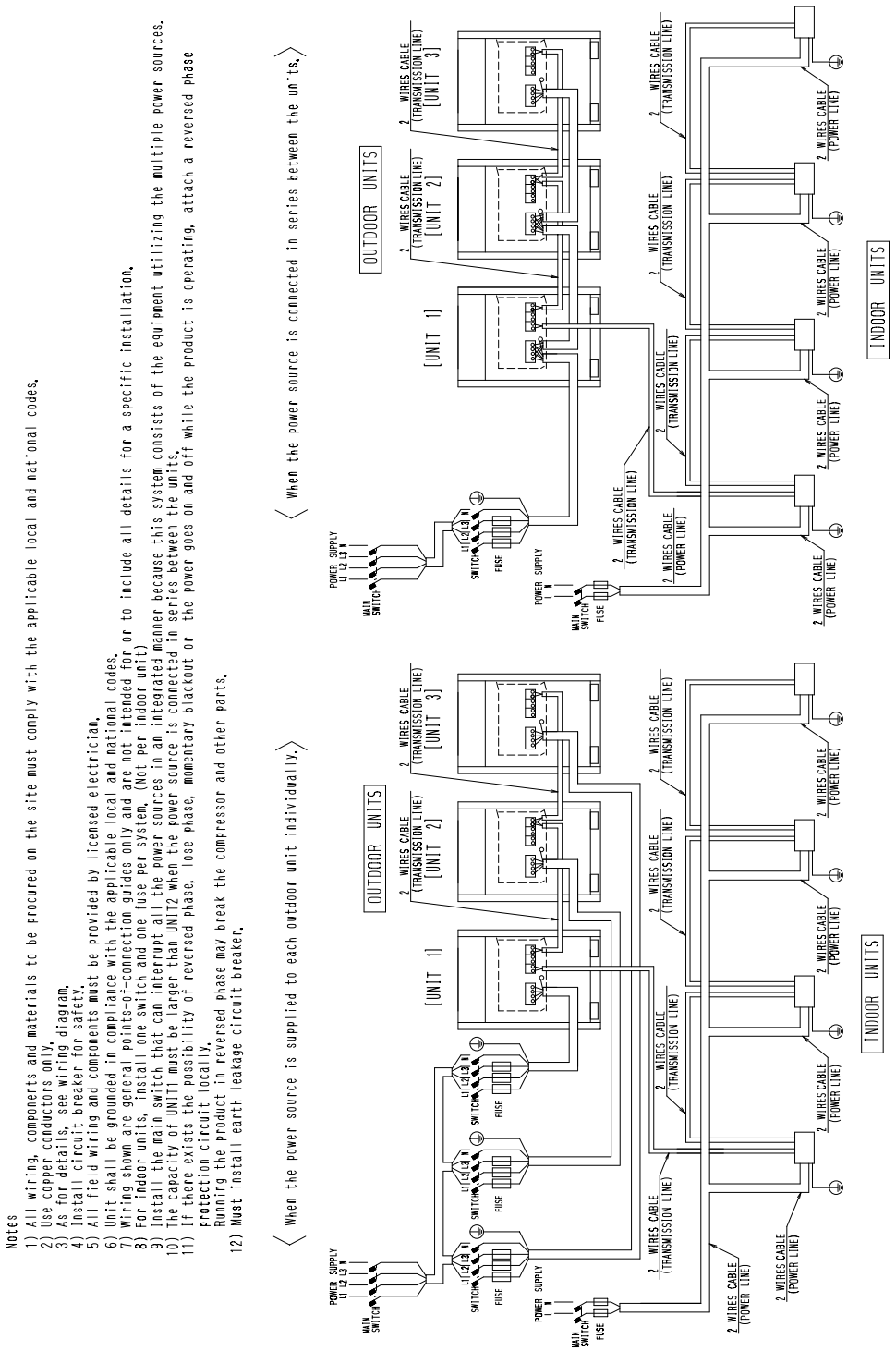

5. Electric Characteristics

RXQ12THY1 / RXQ14THY1 / RXQ16THY1 / RXQ18THY1 / RXQ20THY1 / RXQ22THY1 / RXQ24THY1 / RXQ26THY1 / RXQ28THY1 / RXQ30THY1

Model Name				Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RX(Y)Q12THY1	RX(Y)Q6TY1	RX(Y)Q6TY1		50	380	342	456	24.0	34.0	25	——	5.5×2	0.55×2	0.5×2
					400						——	5.3×2		
					415						——	5.1×2		
RX(Y)Q14THY1	RX(Y)Q6TY1	RX(Y)Q8TY1		50	380	342	456	28.0	34.0	35	——	5.5+7.8	0.55×2	0.5+0.9
					400						——	5.3+7.4		
					415						——	5.1+7.2		
RX(Y)Q16THY1	RX(Y)Q8TY1	RX(Y)Q8TY1		50	380	342	456	31.0	34.0	35	——	7.8×2	0.55×2	0.9×2
					400						——	7.4×2		
					415						——	7.2×2		
RX(Y)Q18THY1	RX(Y)Q6TY1	RX(Y)Q6TY1	RX(Y)Q6TY1	50	380	342	456	31.0	51.0	35	——	5.5×3	0.55×3	0.5×3
					400						——	5.3×3		
					415						——	5.1×3		
RX(Y)Q20THY1	RX(Y)Q6TY1	RX(Y)Q6TY1	RX(Y)Q8TY1	50	380	342	456	40.0	51.0	50	——	5.5×2+7.8	0.55×3	0.5×2 +0.9
					400						——	5.3×2+7.4		
					415						——	5.1×2+7.2		
RX(Y)Q22THY1	RX(Y)Q6TY1	RX(Y)Q8TY1	RX(Y)Q8TY1	50	380	342	456	46.0	51.0	50	——	5.5+7.8×2	0.55×3	0.5 +0.9×2
					400						——	5.3+7.4×2		
					415						——	5.1+7.2×2		
RX(Y)Q24THY1	RX(Y)Q8TY1	RX(Y)Q8TY1	RX(Y)Q8TY1	50	380	342	456	46.0	51.0	50	——	7.8×3	0.55×3	0.9×3
					400						——	7.4×3		
					415						——	7.2×3		
RX(Y)Q26THY1	RX(Y)Q8TY1	RX(Y)Q8TY1	RX(Y)Q10TY1	50	380	342	456	52.0	54.8	60	——	7.8×2+11.0	0.55×3	0.9×2 +1.0
					400						——	7.4×2+10.4		
					415						——	7.2×2+10.0		
RX(Y)Q28THY1	RX(Y)Q8TY1	RX(Y)Q8TY1	RX(Y)Q12TY1	50	380	342	456	55.0	54.8	60	——	7.8×2+13.7	0.55×3	0.9×2 +1.2
					400						——	7.4×2+13.0		
					415						——	7.2×2+12.5		
RX(Y)Q30THY1	RX(Y)Q8TY1	RX(Y)Q10TY1	RX(Y)Q12TY1	50	380	342	456	55.0	58.6	60	——	7.8+11.0+13.7	0.55×3	0.9 +1.0 +1.2
					400						——	7.4+10.4+13.0		
					415						——	7.2+10.0+12.5		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)

Notes:
1. RLA is based on the following conditions.
   Indoor temp. 27℃ DB/19.0℃ WB
   Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

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Model Name				Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RX(Y)Q32THY1	RX(Y)Q8TY1	RX(Y)Q12TY1	RX(Y)Q12TY1	50	380	342	456	62.0	58.6	70	——	7.8+13.7×2	0.55×3	0.9 +1.2×2
					400						——	7.4+13.0×2		
					415						——	7.2+12.5×2		
RX(Y)Q34THY1	RX(Y)Q8TY1	RX(Y)Q12TY1	RX(Y)Q14TY1	50	380	342	456	62.0	72.2	70	——	7.8+13.7+7.9+8.1	0.55×2 +0.75×2	0.9+1.2 +0.9×2
					400						——	7.4+13.0+7.5+7.7		
					415						——	7.2+12.5+7.3+7.4		
RX(Y)Q36THY1	RX(Y)Q8TY1	RX(Y)Q14TY1	RX(Y)Q14TY1	50	380	342	456	71.0	85.8	80	——	7.8+(7.9+8.1)×2	0.55+ (0.75×2) ×2	0.9 +(0.9×2) ×2
					400						——	7.4+(7.5+7.7)×2		
					415						——	7.2+(7.3+7.4)×2		
RX(Y)Q38THY1	RX(Y)Q12TY1	RX(Y)Q12TY1	RX(Y)Q14TY1	50	380	342	456	77.0	76.0	90	——	13.7×2+7.9+8.1	0.55×2 +0.75×2	1.2×2 +0.9×2
					400						——	13.0×2+7.5+7.7		
					415						——	12.5×2+7.3+7.4		
RX(Y)Q40THY1	RX(Y)Q12TY1	RX(Y)Q14TY1	RX(Y)Q14TY1	50	380	342	456	77.0	89.6	90	——	13.7+(7.9+8.1)×2	0.55 +(0.75×2) ×2	1.2 +(0.9×2) ×2
					400						——	13.0+(7.5+7.7)×2		
					415						——	12.5+(7.3+7.4)×2		
RX(Y)Q42THY1	RX(Y)Q14TY1	RX(Y)Q14TY1	RX(Y)Q14TY1	50	380	342	456	84.0	103.2	100	——	(7.9+8.1)×3	(0.75×2) ×3	(0.9×2) ×3
					400						——	(7.5+7.7)×3		
					415						——	(7.3+7.4)×3		
RX(Y)Q44THY1	RX(Y)Q14TY1	RX(Y)Q14TY1	RX(Y)Q16TY1	50	380	342	456	86.0	103.2	100	——	(7.9+8.1)×2+9.8+9.9	(0.75×2) ×3	(0.9×2) ×3
					400						——	(7.5+7.7)×2+9.3+9.4		
					415						——	(7.3+7.4)×2+8.9+9.0		
RX(Y)Q46THY1	RX(Y)Q14TY1	RX(Y)Q16TY1	RX(Y)Q16TY1	50	380	342	456	90.0	103.2	100	——	7.9+8.1+(9.8+9.9)×2	(0.75×2) ×3	(0.9×2) ×3
					400						——	7.5+7.7+(9.3+9.4)×2		
					415						——	7.3+7.4+(8.9+9.0)×2		
RX(Y)Q48THY1	RX(Y)Q16TY1	RX(Y)Q16TY1	RX(Y)Q16TY1	50	380	342	456	93.0	103.2	110	——	(9.8+9.9)×3	(0.75×2) ×3	(0.9×2) ×3
					400						——	(9.3+9.4)×3		
					415						——	(8.9+9.0)×3		
RX(Y)Q50THY1	RX(Y)Q16TY1	RX(Y)Q16TY1	RX(Y)Q18TY1	50	380	342	456	93.0	103.2	110	——	(9.8+9.9)×2+11.0+12.7	(0.75×2) ×3	(0.9×2) ×3
					400						——	(9.3+9.4)×2+10.4+12.1		
					415						——	(8.9+9.0)×2+10.1+11.7		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)

Notes:
1. RLA is based on the following conditions.
   Indoor temp. 27℃ DB/19.0℃ WB
   Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

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6. Capacity Tables (High-COP Type)

6.1 Cooling Capacity for *VRV* Indoor Units Only (Te: 6ºC)

When only *VRV* indoor units are connected

RXQ12THY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	10	28.1	3.34	33.5	4.09	38.9	4.87	40.3	4.97	40.8	4.87	41.8	4.66	42.8	4.45
	12	28.1	3.40	33.5	4.17	38.9	4.96	39.8	4.94	40.3	4.84	41.3	4.63	42.3	4.56
	14	28.1	3.47	33.5	4.25	38.8	5.02	39.3	4.92	39.8	4.81	40.8	4.78	41.8	4.82
	16	28.1	3.53	33.5	4.33	38.2	5.00	38.7	4.96	39.2	4.98	40.3	5.03	41.3	5.08
	18	28.1	3.60	33.5	4.42	37.7	5.19	38.2	5.21	38.7	5.24	39.7	5.29	40.8	5.34
	20	28.1	3.68	33.5	4.70	37.2	5.44	37.7	5.47	38.2	5.50	39.2	5.55	40.2	5.60
	21	28.1	3.78	33.5	4.87	36.9	5.57	37.4	5.60	37.9	5.62	39.0	5.68	40.0	5.74
	23	28.1	4.05	33.5	5.23	36.4	5.82	36.9	5.85	37.4	5.88	38.4	5.94	39.5	6.00
	25	28.1	4.33	33.5	5.60	35.9	6.08	36.4	6.11	36.9	6.14	37.9	6.20	38.9	6.27
	27	28.1	4.62	33.5	5.99	35.4	6.33	35.9	6.37	36.4	6.40	37.4	6.47	38.4	6.53
	29	28.1	4.93	33.5	6.40	34.9	6.59	35.4	6.62	35.9	6.66	36.9	6.73	37.9	6.80
	31	28.1	5.26	33.3	6.77	34.3	6.85	34.8	6.88	35.3	6.92	36.4	7.00	37.4	7.07
	33	28.1	5.61	32.8	7.03	33.8	7.11	34.3	7.15	34.8	7.19	35.8	7.26	36.8	7.34
	35	28.1	5.97	32.3	7.28	33.3	7.37	33.8	7.41	34.3	7.45	35.3	7.53	36.3	7.62
	37	28.1	6.36	31.8	7.54	32.8	7.63	33.3	7.67	33.8	7.72	34.8	7.80	35.8	7.89
	39	28.1	6.77	31.2	7.80	32.2	7.89	32.8	7.94	33.3	7.98	34.3	8.08	35.3	8.17
120% (360)	10	25.9	3.05	30.9	3.73	35.9	4.44	38.4	4.80	40.2	5.00	41.1	4.81	42.0	4.62
	12	25.9	3.11	30.9	3.80	35.9	4.52	38.4	4.89	39.7	4.97	40.6	4.78	41.5	4.59
	14	25.9	3.17	30.9	3.87	35.9	4.61	38.4	4.98	39.1	4.95	40.1	4.75	41.0	4.78
	16	25.9	3.23	30.9	3.95	35.9	4.70	38.1	5.02	38.6	4.95	39.5	5.00	40.5	5.04
	18	25.9	3.29	30.9	4.03	35.9	4.86	37.6	5.18	38.1	5.21	39.0	5.25	40.0	5.30
	20	25.9	3.36	30.9	4.19	35.9	5.22	37.1	5.44	37.6	5.46	38.5	5.51	39.4	5.56
	21	25.9	3.39	30.9	4.33	35.9	5.41	36.8	5.56	37.3	5.59	38.2	5.64	39.2	5.69
	23	25.9	3.62	30.9	4.64	35.9	5.79	36.3	5.82	36.8	5.84	37.7	5.90	38.7	5.95
	25	25.9	3.87	30.9	4.97	35.3	6.04	35.8	6.07	36.3	6.10	37.2	6.16	38.1	6.22
	27	25.9	4.13	30.9	5.31	34.8	6.30	35.3	6.33	35.7	6.36	36.7	6.42	37.6	6.48
	29	25.9	4.40	30.9	5.68	34.3	6.55	34.8	6.58	35.2	6.62	36.2	6.68	37.1	6.75
	31	25.9	4.69	30.9	6.06	33.8	6.81	34.2	6.84	34.7	6.87	35.6	6.94	36.6	7.01
	33	25.9	5.00	30.9	6.46	33.2	7.06	33.7	7.10	34.2	7.14	35.1	7.21	36.1	7.28
	35	25.9	5.32	30.9	6.89	32.7	7.32	33.2	7.36	33.7	7.40	34.6	7.47	35.5	7.55
	37	25.9	5.66	30.9	7.34	32.2	7.58	32.7	7.62	33.1	7.66	34.1	7.74	35.0	7.82
	39	25.9	6.02	30.8	7.75	31.7	7.84	32.2	7.88	32.6	7.93	33.6	8.01	34.5	8.10
110% (330)	10	23.8	2.77	28.3	3.38	32.9	4.01	35.2	4.34	37.5	4.66	40.4	4.95	41.2	4.78
	12	23.8	2.82	28.3	3.44	32.9	4.09	35.2	4.42	37.5	4.75	39.9	4.93	40.7	4.75
	14	23.8	2.87	28.3	3.50	32.9	4.16	35.2	4.50	37.5	4.84	39.4	4.90	40.2	4.75
	16	23.8	2.93	28.3	3.57	32.9	4.25	35.2	4.59	37.5	4.94	38.8	4.97	39.7	5.01
	18	23.8	2.98	28.3	3.64	32.9	4.33	35.2	4.72	37.5	5.18	38.3	5.22	39.2	5.26
	20	23.8	3.04	28.3	3.72	32.9	4.59	35.2	5.07	36.9	5.43	37.8	5.47	38.6	5.52
	21	23.8	3.07	28.3	3.83	32.9	4.75	35.2	5.25	36.7	5.55	37.5	5.60	38.4	5.65
	23	23.8	3.22	28.3	4.10	32.9	5.09	35.2	5.63	36.2	5.81	37.0	5.86	37.9	5.91
	25	23.8	3.43	28.3	4.38	32.9	5.45	35.2	6.03	35.6	6.06	36.5	6.11	37.3	6.17
	27	23.8	3.66	28.3	4.68	32.9	5.83	34.7	6.29	35.1	6.32	36.0	6.37	36.8	6.43
	29	23.8	3.90	28.3	5.00	32.9	6.23	34.2	6.54	34.6	6.57	35.4	6.63	36.3	6.69
	31	23.8	4.16	28.3	5.33	32.9	6.65	33.6	6.80	34.1	6.83	34.9	6.89	35.8	6.95
	33	23.8	4.42	28.3	5.68	32.7	7.02	33.1	7.05	33.5	7.09	34.4	7.15	35.3	7.22
	35	23.8	4.71	28.3	6.05	32.2	7.27	32.6	7.31	33.0	7.34	33.9	7.42	34.7	7.49
	37	23.8	5.00	28.3	6.45	31.6	7.53	32.1	7.57	32.5	7.61	33.4	7.68	34.2	7.75
	39	23.8	5.32	28.3	6.86	31.1	7.79	31.6	7.83	32.0	7.87	32.8	7.95	33.7	8.02
100% (300)	10	21.6	2.50	25.8	3.03	29.9	3.59	32.0	3.88	34.1	4.18	38.2	4.77	40.5	4.94
	12	21.6	2.54	25.8	3.09	29.9	3.66	32.0	3.96	34.1	4.26	38.2	4.86	39.9	4.91
	14	21.6	2.59	25.8	3.15	29.9	3.73	32.0	4.03	34.1	4.34	38.2	4.96	39.4	4.89
	16	21.6	2.64	25.8	3.21	29.9	3.80	32.0	4.11	34.1	4.42	38.1	5.02	38.9	4.97
	18	21.6	2.69	25.8	3.27	29.9	3.88	32.0	4.19	34.1	4.51	37.6	5.18	38.4	5.22
	20	21.6	2.74	25.8	3.33	29.9	3.99	32.0	4.40	34.1	4.83	37.1	5.44	37.9	5.48
	21	21.6	2.76	25.8	3.37	29.9	4.14	32.0	4.56	34.1	5.00	36.8	5.56	37.6	5.60
	23	21.6	2.84	25.8	3.59	29.9	4.43	32.0	4.89	34.1	5.37	36.3	5.81	37.1	5.86
	25	21.6	3.03	25.8	3.83	29.9	4.74	32.0	5.23	34.1	5.75	35.8	6.07	36.5	6.12
	27	21.6	3.23	25.8	4.09	29.9	5.07	32.0	5.59	34.1	6.15	35.3	6.32	36.0	6.38
	29	21.6	3.44	25.8	4.37	29.9	5.41	32.0	5.98	34.0	6.53	34.7	6.58	35.5	6.64
	31	21.6	3.66	25.8	4.65	29.9	5.77	32.0	6.38	33.4	6.78	34.2	6.84	35.0	6.90
	33	21.6	3.89	25.8	4.95	29.9	6.16	32.0	6.81	32.9	7.04	33.7	7.10	34.5	7.16
	35	21.6	4.13	25.8	5.27	29.9	6.56	32.0	7.26	32.4	7.29	33.2	7.36	33.9	7.42
	37	21.6	4.39	25.8	5.61	29.9	6.99	31.5	7.52	31.9	7.55	32.6	7.62	33.4	7.69
	39	21.6	4.66	25.8	5.97	29.9	7.45	31.0	7.77	31.3	7.81	32.1	7.88	32.9	7.95
90% (270)	10	19.4	2.24	23.2	2.70	26.9	3.19	28.8	3.44	30.7	3.70	34.4	4.23	38.2	4.76
	12	19.4	2.28	23.2	2.75	26.9	3.25	28.8	3.50	30.7	3.77	34.4	4.30	38.2	4.85
	14	19.4	2.32	23.2	2.80	26.9	3.31	28.8	3.57	30.7	3.84	34.4	4.39	38.2	4.94
	16	19.4	2.36	23.2	2.85	26.9	3.37	28.8	3.64	30.7	3.91	34.4	4.47	38.1	5.03
	18	19.4	2.40	23.2	2.90	26.9	3.44	28.8	3.71	30.7	3.99	34.4	4.56	37.6	5.18
	20	19.4	2.44	23.2	2.96	26.9	3.50	28.8	3.79	30.7	4.14	34.4	4.90	37.1	5.43
	21	19.4	2.47	23.2	2.99	26.9	3.57	28.8	3.92	30.7	4.29	34.4	5.08	36.8	5.56
	23	19.4	2.51	23.2	3.11	26.9	3.82	28.8	4.20	30.7	4.59	34.4	5.45	36.3	5.81
	25	19.4	2.65	23.2	3.32	26.9	4.08	28.8	4.49	30.7	4.92	34.4	5.83	35.8	6.07
	27	19.4	2.82	23.2	3.54	26.9	4.36	28.8	4.79	30.7	5.25	34.4	6.24	35.2	6.32
	29	19.4	3.00	23.2	3.78	26.9	4.65	28.8	5.12	30.7	5.61	34.0	6.53	34.7	6.58
	31	19.4	3.19	23.2	4.02	26.9	4.95	28.8	5.46	30.7	5.99	33.5	6.79	34.2	6.84
	33	19.4	3.39	23.2	4.28	26.9	5.28	28.8	5.82	30.7	6.39	33.0	7.04	33.7	7.10
	35	19.4	3.60	23.2	4.55	26.9	5.62	28.8	6.20	30.7	6.81	32.5	7.30	33.2	7.36
	37	19.4	3.82	23.2	4.84	26.9	5.98	28.8	6.60	30.7	7.26	31.9	7.56	32.6	7.62
	39	19.4	4.05	23.2	5.14	26.9	6.37	28.8	7.03	30.7	7.73	31.4	7.81	32.1	7.88

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (240)	10	17.3	1.99	20.6	2.38	23.9	2.80	25.6	3.01	27.3	3.23	30.6	3.69	33.9	4.15
	12	17.3	2.02	20.6	2.42	23.9	2.85	25.6	3.07	27.3	3.29	30.6	3.76	33.9	4.23
	14	17.3	2.05	20.6	2.46	23.9	2.90	25.6	3.12	27.3	3.36	30.6	3.83	33.9	4.31
	16	17.3	2.09	20.6	2.51	23.9	2.95	25.6	3.18	27.3	3.42	30.6	3.90	33.9	4.40
	18	17.3	2.12	20.6	2.55	23.9	3.01	25.6	3.24	27.3	3.49	30.6	3.98	33.9	4.49
	20	17.3	2.16	20.6	2.60	23.9	3.07	25.6	3.31	27.3	3.56	30.6	4.13	33.9	4.80
	21	17.3	2.18	20.6	2.63	23.9	3.10	25.6	3.34	27.3	3.63	30.6	4.27	33.9	4.97
	23	17.3	2.22	20.6	2.68	23.9	3.25	25.6	3.56	27.3	3.88	30.6	4.58	33.9	5.33
	25	17.3	2.29	20.6	2.85	23.9	3.47	25.6	3.80	27.3	4.15	30.6	4.90	33.9	5.71
	27	17.3	2.44	20.6	3.04	23.9	3.70	25.6	4.06	27.3	4.43	30.6	5.24	33.9	6.10
	29	17.3	2.59	20.6	3.23	23.9	3.94	25.6	4.33	27.3	4.73	30.6	5.59	33.9	6.52
	31	17.3	2.75	20.6	3.44	23.9	4.20	25.6	4.61	27.3	5.04	30.6	5.97	33.4	6.78
	33	17.3	2.92	20.6	3.65	23.9	4.47	25.6	4.91	27.3	5.38	30.6	6.37	32.9	7.03
	35	17.3	3.10	20.6	3.88	23.9	4.76	25.6	5.23	27.3	5.73	30.6	6.79	32.4	7.29
	37	17.3	3.28	20.6	4.12	23.9	5.06	25.6	5.56	27.3	6.09	30.6	7.23	31.8	7.55
	39	17.3	3.48	20.6	4.37	23.9	5.38	25.6	5.92	27.3	6.49	30.6	7.70	31.3	7.81
70% (210)	10	15.1	1.75	18.0	2.07	20.9	2.42	22.4	2.60	23.9	2.79	26.8	3.17	29.7	3.56
	12	15.1	1.77	18.0	2.11	20.9	2.46	22.4	2.65	23.9	2.84	26.8	3.23	29.7	3.63
	14	15.1	1.80	18.0	2.14	20.9	2.51	22.4	2.69	23.9	2.89	26.8	3.29	29.7	3.70
	16	15.1	1.83	18.0	2.18	20.9	2.55	22.4	2.74	23.9	2.94	26.8	3.35	29.7	3.77
	18	15.1	1.86	18.0	2.22	20.9	2.60	22.4	2.80	23.9	3.00	26.8	3.41	29.7	3.84
	20	15.1	1.89	18.0	2.26	20.9	2.65	22.4	2.85	23.9	3.06	26.8	3.48	29.7	3.95
	21	15.1	1.91	18.0	2.28	20.9	2.67	22.4	2.88	23.9	3.09	26.8	3.54	29.7	4.09
	23	15.1	1.94	18.0	2.32	20.9	2.73	22.4	2.97	23.9	3.23	26.8	3.79	29.7	4.38
	25	15.1	1.98	18.0	2.41	20.9	2.91	22.4	3.18	23.9	3.45	26.8	4.05	29.7	4.69
	27	15.1	2.09	18.0	2.57	20.9	3.10	22.4	3.39	23.9	3.68	26.8	4.32	29.7	5.01
	29	15.1	2.22	18.0	2.73	20.9	3.30	22.4	3.61	23.9	3.93	26.8	4.61	29.7	5.35
	31	15.1	2.35	18.0	2.90	20.9	3.51	22.4	3.84	23.9	4.18	26.8	4.92	29.7	5.71
	33	15.1	2.49	18.0	3.08	20.9	3.73	22.4	4.08	23.9	4.45	26.8	5.24	29.7	6.09
	35	15.1	2.64	18.0	3.27	20.9	3.97	22.4	4.34	23.9	4.74	26.8	5.58	29.7	6.49
	37	15.1	2.79	18.0	3.46	20.9	4.21	22.4	4.61	23.9	5.04	26.8	5.94	29.7	6.91
	39	15.1	2.96	18.0	3.67	20.9	4.47	22.4	4.90	23.9	5.35	26.8	6.32	29.7	7.36
60% (180)	10	13.0	1.52	15.5	1.78	17.9	2.06	19.2	2.21	20.4	2.36	22.9	2.67	25.4	2.99
	12	13.0	1.54	15.5	1.81	17.9	2.10	19.2	2.25	20.4	2.40	22.9	2.72	25.4	3.05
	14	13.0	1.56	15.5	1.84	17.9	2.13	19.2	2.29	20.4	2.44	22.9	2.77	25.4	3.10
	16	13.0	1.59	15.5	1.87	17.9	2.17	19.2	2.33	20.4	2.49	22.9	2.82	25.4	3.16
	18	13.0	1.61	15.5	1.90	17.9	2.21	19.2	2.37	20.4	2.53	22.9	2.87	25.4	3.22
	20	13.0	1.64	15.5	1.93	17.9	2.25	19.2	2.41	20.4	2.58	22.9	2.93	25.4	3.29
	21	13.0	1.65	15.5	1.95	17.9	2.27	19.2	2.43	20.4	2.60	22.9	2.96	25.4	3.32
	23	13.0	1.68	15.5	1.98	17.9	2.31	19.2	2.48	20.4	2.66	22.9	3.07	25.4	3.53
	25	13.0	1.71	15.5	2.02	17.9	2.40	19.2	2.61	20.4	2.82	22.9	3.28	25.4	3.77
	27	13.0	1.77	15.5	2.14	17.9	2.55	19.2	2.78	20.4	3.01	22.9	3.50	25.4	4.02
	29	13.0	1.87	15.5	2.27	17.9	2.72	19.2	2.95	20.4	3.20	22.9	3.73	25.4	4.29
	31	13.0	1.98	15.5	2.41	17.9	2.88	19.2	3.14	20.4	3.40	22.9	3.97	25.4	4.57
	33	13.0	2.10	15.5	2.56	17.9	3.06	19.2	3.33	20.4	3.62	22.9	4.22	25.4	4.87
	35	13.0	2.22	15.5	2.71	17.9	3.25	19.2	3.54	20.4	3.84	22.9	4.49	25.4	5.18
	37	13.0	2.34	15.5	2.87	17.9	3.45	19.2	3.76	20.4	4.08	22.9	4.77	25.4	5.52
	39	13.0	2.48	15.5	3.03	17.9	3.65	19.2	3.98	20.4	4.33	22.9	5.07	25.4	5.87
50% (150)	10	10.8	1.31	12.9	1.51	15.0	1.73	16.0	1.84	17.0	1.96	19.1	2.20	21.2	2.45
	12	10.8	1.32	12.9	1.53	15.0	1.76	16.0	1.87	17.0	1.99	19.1	2.24	21.2	2.50
	14	10.8	1.34	12.9	1.56	15.0	1.78	16.0	1.90	17.0	2.03	19.1	2.28	21.2	2.54
	16	10.8	1.36	12.9	1.58	15.0	1.81	16.0	1.93	17.0	2.06	19.1	2.32	21.2	2.59
	18	10.8	1.38	12.9	1.60	15.0	1.84	16.0	1.97	17.0	2.09	19.1	2.36	21.2	2.63
	20	10.8	1.40	12.9	1.63	15.0	1.87	16.0	2.00	17.0	2.13	19.1	2.40	21.2	2.68
	21	10.8	1.41	12.9	1.64	15.0	1.89	16.0	2.02	17.0	2.15	19.1	2.42	21.2	2.71
	23	10.8	1.43	12.9	1.67	15.0	1.92	16.0	2.05	17.0	2.19	19.1	2.47	21.2	2.77
	25	10.8	1.45	12.9	1.70	15.0	1.96	16.0	2.10	17.0	2.26	19.1	2.59	21.2	2.96
	27	10.8	1.47	12.9	1.76	15.0	2.06	16.0	2.23	17.0	2.40	19.1	2.76	21.2	3.15
	29	10.8	1.56	12.9	1.86	15.0	2.19	16.0	2.37	17.0	2.55	19.1	2.94	21.2	3.35
	31	10.8	1.65	12.9	1.97	15.0	2.32	16.0	2.51	17.0	2.71	19.1	3.12	21.2	3.57
	33	10.8	1.74	12.9	2.08	15.0	2.46	16.0	2.66	17.0	2.87	19.1	3.32	21.2	3.79
	35	10.8	1.84	12.9	2.20	15.0	2.61	16.0	2.82	17.0	3.05	19.1	3.52	21.2	4.03
	37	10.8	1.94	12.9	2.33	15.0	2.76	16.0	2.99	17.0	3.23	19.1	3.74	21.2	4.28
	39	10.8	2.04	12.9	2.46	15.0	2.92	16.0	3.16	17.0	3.42	19.1	3.96	21.2	4.55

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ14THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (455)	10	33.7	4.07	40.2	4.98	46.7	5.93	48.4	6.05	49.0	5.93	50.2	5.68	51.4	5.42
	12	33.7	4.14	40.2	5.08	46.7	6.04	47.7	6.02	48.3	5.89	49.6	5.64	50.8	5.55
	14	33.7	4.22	40.2	5.17	46.5	6.11	47.1	5.99	47.7	5.86	48.9	5.81	50.2	5.87
	16	33.7	4.30	40.2	5.27	45.9	6.08	46.5	6.04	47.1	6.07	48.3	6.13	49.5	6.19
	18	33.7	4.39	40.2	5.38	45.3	6.32	45.9	6.35	46.5	6.38	47.7	6.44	48.9	6.50
	20	33.7	4.48	40.2	5.73	44.6	6.63	45.2	6.66	45.8	6.69	47.1	6.76	48.3	6.82
	21	33.7	4.60	40.2	5.93	44.3	6.78	44.9	6.81	45.5	6.85	46.8	6.92	48.0	6.98
	23	33.7	4.93	40.2	6.36	43.7	7.09	44.3	7.13	44.9	7.16	46.1	7.23	47.3	7.31
	25	33.7	5.27	40.2	6.81	43.1	7.40	43.7	7.44	44.3	7.48	45.5	7.55	46.7	7.63
	27	33.7	5.63	40.2	7.29	42.4	7.71	43.1	7.75	43.7	7.79	44.9	7.87	46.1	7.95
	29	33.7	6.01	40.2	7.79	41.8	8.02	42.4	8.07	43.0	8.11	44.3	8.20	45.5	8.28
	31	33.7	6.41	40.0	8.25	41.2	8.34	41.8	8.38	42.4	8.43	43.6	8.52	44.8	8.61
	33	33.7	6.83	39.4	8.56	40.6	8.65	41.2	8.70	41.8	8.75	43.0	8.85	44.2	8.94
	35	33.7	7.27	38.7	8.87	39.9	8.97	40.6	9.02	41.2	9.07	42.4	9.17	43.6	9.27
	37	33.7	7.75	38.1	9.18	39.3	9.29	39.9	9.34	40.5	9.40	41.8	9.50	43.0	9.61
	39	33.7	8.25	37.5	9.50	38.7	9.61	39.3	9.66	39.9	9.72	41.1	9.83	42.3	9.95
120% (420)	10	31.1	3.72	37.1	4.54	43.1	5.40	46.1	5.84	48.2	6.08	49.3	5.85	50.4	5.62
	12	31.1	3.79	37.1	4.63	43.1	5.50	46.1	5.95	47.6	6.05	48.7	5.82	49.8	5.58
	14	31.1	3.86	37.1	4.72	43.1	5.61	46.1	6.06	47.0	6.02	48.1	5.78	49.2	5.83
	16	31.1	3.93	37.1	4.81	43.1	5.72	45.8	6.11	46.3	6.03	47.5	6.09	48.6	6.14
	18	31.1	4.01	37.1	4.90	43.1	5.91	45.1	6.31	45.7	6.34	46.8	6.40	48.0	6.46
	20	31.1	4.09	37.1	5.10	43.1	6.36	44.5	6.62	45.1	6.65	46.2	6.71	47.3	6.77
	21	31.1	4.13	37.1	5.28	43.1	6.59	44.2	6.77	44.8	6.81	45.9	6.87	47.0	6.93
	23	31.1	4.41	37.1	5.66	43.0	7.05	43.6	7.08	44.1	7.12	45.3	7.18	46.4	7.25
	25	31.1	4.71	37.1	6.05	42.4	7.36	43.0	7.39	43.5	7.43	44.6	7.50	45.8	7.57
	27	31.1	5.03	37.1	6.47	41.8	7.67	42.3	7.70	42.9	7.74	44.0	7.82	45.1	7.89
	29	31.1	5.36	37.1	6.91	41.1	7.98	41.7	8.02	42.3	8.06	43.4	8.13	44.5	8.21
	31	31.1	5.71	37.1	7.38	40.5	8.29	41.1	8.33	41.6	8.37	42.8	8.46	43.9	8.54
	33	31.1	6.09	37.1	7.87	39.9	8.60	40.5	8.64	41.0	8.69	42.1	8.78	43.3	8.87
	35	31.1	6.48	37.1	8.39	39.3	8.91	39.8	8.96	40.4	9.01	41.5	9.10	42.6	9.19
	37	31.1	6.89	37.1	8.94	38.7	9.23	39.2	9.28	39.8	9.33	40.9	9.43	42.0	9.53
	39	31.1	7.33	36.9	9.44	38.0	9.55	38.6	9.60	39.1	9.65	40.3	9.75	41.4	9.86
110% (385)	10	28.5	3.38	34.0	4.11	39.5	4.88	42.2	5.28	45.0	5.68	48.5	6.03	49.5	5.82
	12	28.5	3.44	34.0	4.19	39.5	4.98	42.2	5.38	45.0	5.79	47.8	6.00	48.9	5.79
	14	28.5	3.50	34.0	4.27	39.5	5.07	42.2	5.48	45.0	5.90	47.2	5.97	48.2	5.78
	16	28.5	3.57	34.0	4.35	39.5	5.17	42.2	5.59	45.0	6.01	46.6	6.05	47.6	6.09
	18	28.5	3.63	34.0	4.43	39.5	5.27	42.2	5.74	44.9	6.30	46.0	6.35	47.0	6.41
	20	28.5	3.70	34.0	4.52	39.5	5.58	42.2	6.17	44.3	6.61	45.3	6.66	46.4	6.72
	21	28.5	3.74	34.0	4.66	39.5	5.79	42.2	6.39	44.0	6.76	45.0	6.82	46.1	6.88
	23	28.5	3.92	34.0	4.99	39.5	6.20	42.2	6.86	43.4	7.07	44.4	7.13	45.4	7.19
	25	28.5	4.18	34.0	5.34	39.5	6.64	42.2	7.34	42.8	7.38	43.8	7.44	44.8	7.51
	27	28.5	4.46	34.0	5.70	39.5	7.10	41.6	7.66	42.1	7.69	43.2	7.76	44.2	7.83
	29	28.5	4.75	34.0	6.09	39.5	7.59	41.0	7.96	41.5	8.00	42.5	8.07	43.6	8.15
	31	28.5	5.06	34.0	6.49	39.5	8.10	40.4	8.28	40.9	8.31	41.9	8.39	42.9	8.47
	33	28.5	5.39	34.0	6.92	39.2	8.55	39.7	8.59	40.3	8.63	41.3	8.71	42.3	8.79
	35	28.5	5.73	34.0	7.37	38.6	8.86	39.1	8.90	39.6	8.94	40.7	9.03	41.7	9.12
	37	28.5	6.09	34.0	7.85	38.0	9.17	38.5	9.21	39.0	9.26	40.0	9.35	41.1	9.44
	39	28.5	6.48	34.0	8.36	37.4	9.48	37.9	9.53	38.4	9.58	39.4	9.67	40.4	9.77
100% (350)	10	25.9	3.05	30.9	3.69	35.9	4.38	38.4	4.73	40.9	5.09	45.9	5.81	48.5	6.01
	12	25.9	3.10	30.9	3.76	35.9	4.46	38.4	4.82	40.9	5.18	45.9	5.92	47.9	5.98
	14	25.9	3.15	30.9	3.83	35.9	4.54	38.4	4.91	40.9	5.28	45.9	6.04	47.3	5.95
	16	25.9	3.21	30.9	3.90	35.9	4.63	38.4	5.00	40.9	5.38	45.7	6.11	46.7	6.05
	18	25.9	3.27	30.9	3.98	35.9	4.72	38.4	5.10	40.9	5.49	45.1	6.31	46.0	6.36
	20	25.9	3.33	30.9	4.06	35.9	4.86	38.4	5.36	40.9	5.88	44.5	6.62	45.4	6.67
	21	25.9	3.37	30.9	4.10	35.9	5.04	38.4	5.55	40.9	6.09	44.2	6.77	45.1	6.82
	23	25.9	3.45	30.9	4.37	35.9	5.39	38.4	5.95	40.9	6.53	43.6	7.08	44.5	7.14
	25	25.9	3.69	30.9	4.67	35.9	5.77	38.4	6.37	40.9	7.00	42.9	7.39	43.9	7.45
	27	25.9	3.93	30.9	4.98	35.9	6.17	38.4	6.81	40.9	7.49	42.3	7.70	43.2	7.76
	29	25.9	4.18	30.9	5.32	35.9	6.59	38.4	7.28	40.7	7.95	41.7	8.01	42.6	8.08
	31	25.9	4.45	30.9	5.66	35.9	7.03	38.4	7.77	40.1	8.26	41.1	8.33	42.0	8.40
	33	25.9	4.73	30.9	6.03	35.9	7.50	38.4	8.29	39.5	8.57	40.4	8.64	41.4	8.72
	35	25.9	5.03	30.9	6.42	35.9	7.99	38.4	8.84	38.9	8.88	39.8	8.96	40.7	9.04
	37	25.9	5.34	30.9	6.83	35.9	8.51	37.8	9.15	38.2	9.19	39.2	9.28	40.1	9.36
	39	25.9	5.68	30.9	7.27	35.9	9.07	37.1	9.46	37.6	9.51	38.6	9.59	39.5	9.68
90% (315)	10	23.3	2.73	27.8	3.29	32.3	3.88	34.6	4.19	36.8	4.50	41.3	5.14	45.8	5.80
	12	23.3	2.77	27.8	3.35	32.3	3.95	34.6	4.27	36.8	4.59	41.3	5.24	45.8	5.91
	14	23.3	2.82	27.8	3.41	32.3	4.03	34.6	4.35	36.8	4.67	41.3	5.34	45.8	6.02
	16	23.3	2.87	27.8	3.47	32.3	4.10	34.6	4.43	36.8	4.77	41.3	5.45	45.7	6.12
	18	23.3	2.92	27.8	3.54	32.3	4.18	34.6	4.52	36.8	4.86	41.3	5.56	45.1	6.31
	20	23.3	2.98	27.8	3.60	32.3	4.27	34.6	4.61	36.8	5.04	41.3	5.97	44.5	6.62
	21	23.3	3.00	27.8	3.64	32.3	4.34	34.6	4.77	36.8	5.22	41.3	6.18	44.2	6.77
	23	23.3	3.06	27.8	3.79	32.3	4.65	34.6	5.11	36.8	5.59	41.3	6.63	43.5	7.08
	25	23.3	3.22	27.8	4.05	32.3	4.97	34.6	5.46	36.8	5.99	41.3	7.10	42.9	7.39
	27	23.3	3.43	27.8	4.32	32.3	5.30	34.6	5.84	36.8	6.40	41.3	7.60	42.3	7.70
	29	23.3	3.65	27.8	4.60	32.3	5.66	34.6	6.23	36.8	6.83	40.8	7.95	41.7	8.01
	31	23.3	3.88	27.8	4.90	32.3	6.03	34.6	6.65	36.8	7.29	40.2	8.26	41.0	8.33
	33	23.3	4.12	27.8	5.21	32.3	6.43	34.6	7.09	36.8	7.78	39.6	8.57	40.4	8.64
	35	23.3	4.38	27.8	5.54	32.3	6.85	34.6	7.55	36.8	8.29	38.9	8.89	39.8	8.96
	37	23.3	4.65	27.8	5.89	32.3	7.29	34.6	8.04	36.8	8.84	38.3	9.20	39.2	9.27
	39	23.3	4.93	27.8	6.26	32.3	7.75	34.6	8.56	36.8	9.42	37.7	9.51	38.5	9.59

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (280)	10	20.7	2.42	24.7	2.90	28.7	3.40	30.7	3.67	32.7	3.94	36.7	4.49	40.7	5.06
	12	20.7	2.46	24.7	2.95	28.7	3.47	30.7	3.73	32.7	4.01	36.7	4.57	40.7	5.15
	14	20.7	2.50	24.7	3.00	28.7	3.53	30.7	3.80	32.7	4.09	36.7	4.66	40.7	5.25
	16	20.7	2.54	24.7	3.05	28.7	3.60	30.7	3.88	32.7	4.16	36.7	4.75	40.7	5.36
	18	20.7	2.59	24.7	3.11	28.7	3.66	30.7	3.95	32.7	4.24	36.7	4.85	40.7	5.46
	20	20.7	2.63	24.7	3.17	28.7	3.74	30.7	4.03	32.7	4.33	36.7	5.02	40.7	5.84
	21	20.7	2.66	24.7	3.20	28.7	3.77	30.7	4.07	32.7	4.42	36.7	5.20	40.7	6.05
	23	20.7	2.70	24.7	3.26	28.7	3.95	30.7	4.33	32.7	4.73	36.7	5.57	40.7	6.49
	25	20.7	2.79	24.7	3.47	28.7	4.22	30.7	4.63	32.7	5.06	36.7	5.96	40.7	6.95
	27	20.7	2.97	24.7	3.70	28.7	4.51	30.7	4.94	32.7	5.40	36.7	6.38	40.7	7.43
	29	20.7	3.16	24.7	3.93	28.7	4.80	30.7	5.27	32.7	5.76	36.7	6.81	40.7	7.94
	31	20.7	3.35	24.7	4.18	28.7	5.11	30.7	5.62	32.7	6.14	36.7	7.27	40.1	8.25
	33	20.7	3.56	24.7	4.45	28.7	5.44	30.7	5.98	32.7	6.55	36.7	7.75	39.5	8.56
	35	20.7	3.77	24.7	4.73	28.7	5.79	30.7	6.37	32.7	6.97	36.7	8.26	38.8	8.88
	37	20.7	4.00	24.7	5.02	28.7	6.16	30.7	6.77	32.7	7.42	36.7	8.81	38.2	9.19
	39	20.7	4.24	24.7	5.33	28.7	6.55	30.7	7.21	32.7	7.90	36.7	9.38	37.6	9.50
70% (245)	10	18.1	2.13	21.6	2.53	25.1	2.95	26.9	3.17	28.6	3.39	32.1	3.86	35.6	4.34
	12	18.1	2.16	21.6	2.57	25.1	3.00	26.9	3.22	28.6	3.45	32.1	3.93	35.6	4.42
	14	18.1	2.19	21.6	2.61	25.1	3.05	26.9	3.28	28.6	3.52	32.1	4.00	35.6	4.50
	16	18.1	2.23	21.6	2.65	25.1	3.11	26.9	3.34	28.6	3.58	32.1	4.08	35.6	4.59
	18	18.1	2.27	21.6	2.70	25.1	3.16	26.9	3.40	28.6	3.65	32.1	4.16	35.6	4.68
	20	18.1	2.30	21.6	2.75	25.1	3.22	26.9	3.47	28.6	3.72	32.1	4.24	35.6	4.81
	21	18.1	2.32	21.6	2.78	25.1	3.25	26.9	3.50	28.6	3.76	32.1	4.31	35.6	4.98
	23	18.1	2.36	21.6	2.83	25.1	3.32	26.9	3.62	28.6	3.94	32.1	4.61	35.6	5.33
	25	18.1	2.41	21.6	2.94	25.1	3.54	26.9	3.87	28.6	4.21	32.1	4.93	35.6	5.71
	27	18.1	2.54	21.6	3.13	25.1	3.77	26.9	4.12	28.6	4.49	32.1	5.26	35.6	6.10
	29	18.1	2.70	21.6	3.32	25.1	4.02	26.9	4.39	28.6	4.78	32.1	5.61	35.6	6.51
	31	18.1	2.86	21.6	3.53	25.1	4.27	26.9	4.67	28.6	5.09	32.1	5.98	35.6	6.95
	33	18.1	3.03	21.6	3.75	25.1	4.54	26.9	4.97	28.6	5.42	32.1	6.38	35.6	7.41
	35	18.1	3.21	21.6	3.98	25.1	4.83	26.9	5.29	28.6	5.77	32.1	6.79	35.6	7.90
	37	18.1	3.40	21.6	4.22	25.1	5.13	26.9	5.62	28.6	6.13	32.1	7.23	35.6	8.41
	39	18.1	3.60	21.6	4.47	25.1	5.44	26.9	5.97	28.6	6.52	32.1	7.69	35.6	8.96
60% (210)	10	15.5	1.85	18.5	2.17	21.5	2.51	23.0	2.69	24.5	2.87	27.5	3.25	30.5	3.64
	12	15.5	1.88	18.5	2.21	21.5	2.56	23.0	2.74	24.5	2.92	27.5	3.31	30.5	3.71
	14	15.5	1.90	18.5	2.24	21.5	2.60	23.0	2.78	24.5	2.98	27.5	3.37	30.5	3.78
	16	15.5	1.93	18.5	2.28	21.5	2.64	23.0	2.83	24.5	3.03	27.5	3.43	30.5	3.85
	18	15.5	1.96	18.5	2.31	21.5	2.69	23.0	2.88	24.5	3.08	27.5	3.50	30.5	3.92
	20	15.5	1.99	18.5	2.35	21.5	2.74	23.0	2.94	24.5	3.14	27.5	3.56	30.5	4.00
	21	15.5	2.01	18.5	2.37	21.5	2.76	23.0	2.96	24.5	3.17	27.5	3.60	30.5	4.04
	23	15.5	2.04	18.5	2.42	21.5	2.81	23.0	3.02	24.5	3.23	27.5	3.74	30.5	4.30
	25	15.5	2.08	18.5	2.46	21.5	2.92	23.0	3.17	24.5	3.44	27.5	3.99	30.5	4.59
	27	15.5	2.15	18.5	2.61	21.5	3.11	23.0	3.38	24.5	3.66	27.5	4.26	30.5	4.90
	29	15.5	2.28	18.5	2.77	21.5	3.31	23.0	3.60	24.5	3.90	27.5	4.54	30.5	5.23
	31	15.5	2.41	18.5	2.94	21.5	3.51	23.0	3.82	24.5	4.14	27.5	4.83	30.5	5.57
	33	15.5	2.55	18.5	3.11	21.5	3.73	23.0	4.06	24.5	4.40	27.5	5.14	30.5	5.93
	35	15.5	2.70	18.5	3.30	21.5	3.96	23.0	4.31	24.5	4.68	27.5	5.47	30.5	6.31
	37	15.5	2.85	18.5	3.49	21.5	4.19	23.0	4.57	24.5	4.97	27.5	5.81	30.5	6.72
	39	15.5	3.02	18.5	3.69	21.5	4.45	23.0	4.85	24.5	5.27	27.5	6.17	30.5	7.14
50% (175)	10	13.0	1.59	15.5	1.84	17.9	2.11	19.2	2.25	20.4	2.39	22.9	2.68	25.4	2.99
	12	13.0	1.61	15.5	1.87	17.9	2.14	19.2	2.28	20.4	2.43	22.9	2.73	25.4	3.04
	14	13.0	1.63	15.5	1.89	17.9	2.17	19.2	2.32	20.4	2.47	22.9	2.77	25.4	3.09
	16	13.0	1.66	15.5	1.92	17.9	2.21	19.2	2.36	20.4	2.51	22.9	2.82	25.4	3.15
	18	13.0	1.68	15.5	1.95	17.9	2.24	19.2	2.39	20.4	2.55	22.9	2.87	25.4	3.21
	20	13.0	1.70	15.5	1.98	17.9	2.28	19.2	2.44	20.4	2.60	22.9	2.93	25.4	3.27
	21	13.0	1.71	15.5	2.00	17.9	2.30	19.2	2.46	20.4	2.62	22.9	2.95	25.4	3.30
	23	13.0	1.74	15.5	2.03	17.9	2.34	19.2	2.50	20.4	2.67	22.9	3.01	25.4	3.37
	25	13.0	1.77	15.5	2.06	17.9	2.38	19.2	2.55	20.4	2.75	22.9	3.16	25.4	3.60
	27	13.0	1.80	15.5	2.14	17.9	2.51	19.2	2.71	20.4	2.92	22.9	3.36	25.4	3.84
	29	13.0	1.90	15.5	2.27	17.9	2.67	19.2	2.88	20.4	3.11	22.9	3.58	25.4	4.08
	31	13.0	2.01	15.5	2.40	17.9	2.83	19.2	3.06	20.4	3.30	22.9	3.80	25.4	4.35
	33	13.0	2.12	15.5	2.54	17.9	3.00	19.2	3.24	20.4	3.50	22.9	4.04	25.4	4.62
	35	13.0	2.24	15.5	2.68	17.9	3.17	19.2	3.44	20.4	3.71	22.9	4.29	25.4	4.91
	37	13.0	2.36	15.5	2.84	17.9	3.36	19.2	3.64	20.4	3.93	22.9	4.55	25.4	5.21
	39	13.0	2.49	15.5	2.99	17.9	3.55	19.2	3.85	20.4	4.16	22.9	4.83	25.4	5.54

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ16THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	10	39.3	4.80	46.9	5.87	54.4	6.98	56.4	7.13	57.1	6.99	58.6	6.69	60.0	6.39
	12	39.3	4.89	46.9	5.98	54.4	7.12	55.7	7.10	56.4	6.95	57.8	6.65	59.2	6.55
	14	39.3	4.98	46.9	6.10	54.3	7.21	55.0	7.06	55.7	6.91	57.1	6.85	58.5	6.92
	16	39.3	5.07	46.9	6.22	53.5	7.17	54.2	7.12	54.9	7.15	56.4	7.22	57.8	7.29
	18	39.3	5.17	46.9	6.34	52.8	7.45	53.5	7.48	54.2	7.52	55.6	7.59	57.1	7.67
	20	39.3	5.28	46.9	6.75	52.1	7.81	52.8	7.85	53.5	7.89	54.9	7.97	56.3	8.04
	21	39.3	5.42	46.9	7.00	51.7	7.99	52.4	8.03	53.1	8.07	54.5	8.15	56.0	8.23
	23	39.3	5.81	46.9	7.50	51.0	8.36	51.7	8.40	52.4	8.44	53.8	8.53	55.2	8.61
	25	39.3	6.21	46.9	8.03	50.2	8.72	51.0	8.77	51.7	8.81	53.1	8.90	54.5	8.99
	27	39.3	6.63	46.9	8.59	49.5	9.09	50.2	9.14	50.9	9.18	52.4	9.28	53.8	9.38
	29	39.3	7.08	46.9	9.18	48.8	9.46	49.5	9.51	50.2	9.56	51.6	9.66	53.0	9.76
	31	39.3	7.55	46.6	9.72	48.1	9.83	48.8	9.88	49.5	9.93	50.9	10.0	52.3	10.1
	33	39.3	8.05	45.9	10.1	47.3	10.2	48.0	10.3	48.8	10.3	50.2	10.4	51.6	10.5
	35	39.3	8.57	45.2	10.5	46.6	10.6	47.3	10.6	48.0	10.7	49.4	10.8	50.9	10.9
	37	39.3	9.13	44.5	10.8	45.9	10.9	46.6	11.0	47.3	11.1	48.7	11.2	50.1	11.3
	39	39.3	9.72	43.7	11.2	45.1	11.3	45.9	11.4	46.6	11.5	48.0	11.6	49.4	11.7
120% (480)	10	36.3	4.38	43.3	5.35	50.3	6.37	53.8	6.88	56.2	7.17	57.6	6.90	58.9	6.63
	12	36.3	4.46	43.3	5.45	50.3	6.49	53.8	7.01	55.5	7.13	56.8	6.86	58.1	6.58
	14	36.3	4.55	43.3	5.56	50.3	6.61	53.8	7.15	54.8	7.10	56.1	6.82	57.4	6.87
	16	36.3	4.63	43.3	5.67	50.3	6.74	53.4	7.20	54.1	7.11	55.4	7.17	56.7	7.24
	18	36.3	4.72	43.3	5.78	50.3	6.97	52.7	7.44	53.3	7.47	54.6	7.54	55.9	7.61
	20	36.3	4.82	43.3	6.01	50.3	7.49	51.9	7.80	52.6	7.84	53.9	7.91	55.2	7.98
	21	36.3	4.86	43.3	6.22	50.3	7.76	51.6	7.98	52.2	8.02	53.5	8.10	54.8	8.17
	23	36.3	5.19	43.3	6.67	50.2	8.31	50.8	8.35	51.5	8.39	52.8	8.47	54.1	8.55
	25	36.3	5.55	43.3	7.13	49.5	8.67	50.1	8.71	50.8	8.76	52.1	8.84	53.4	8.92
	27	36.3	5.92	43.3	7.63	48.7	9.04	49.4	9.08	50.0	9.12	51.4	9.21	52.7	9.30
	29	36.3	6.32	43.3	8.15	48.0	9.40	48.7	9.45	49.3	9.49	50.6	9.59	51.9	9.68
	31	36.3	6.73	43.3	8.69	47.3	9.77	47.9	9.82	48.6	9.87	49.9	9.97	51.2	10.1
	33	36.3	7.17	43.3	9.27	46.5	10.1	47.2	10.2	47.9	10.2	49.2	10.3	50.5	10.5
	35	36.3	7.64	43.3	9.89	45.8	10.5	46.5	10.6	47.1	10.6	48.4	10.7	49.7	10.8
	37	36.3	8.13	43.3	10.5	45.1	10.9	45.7	10.9	46.4	11.0	47.7	11.1	49.0	11.2
	39	36.3	8.65	43.1	11.1	44.4	11.3	45.0	11.3	45.7	11.4	47.0	11.5	48.3	11.6
110% (440)	10	33.3	3.98	39.7	4.85	46.1	5.76	49.3	6.22	52.5	6.69	56.5	7.11	57.7	6.86
	12	33.3	4.05	39.7	4.94	46.1	5.86	49.3	6.34	52.5	6.82	55.8	7.07	57.0	6.82
	14	33.3	4.13	39.7	5.03	46.1	5.98	49.3	6.46	52.5	6.95	55.1	7.03	56.3	6.82
	16	33.3	4.20	39.7	5.13	46.1	6.09	49.3	6.59	52.5	7.09	54.4	7.13	55.6	7.18
	18	33.3	4.28	39.7	5.23	46.1	6.21	49.3	6.77	52.4	7.43	53.6	7.49	54.8	7.55
	20	33.3	4.37	39.7	5.33	46.1	6.58	49.3	7.27	51.7	7.79	52.9	7.86	54.1	7.92
	21	33.3	4.41	39.7	5.49	46.1	6.82	49.3	7.54	51.3	7.97	52.5	8.04	53.7	8.11
	23	33.3	4.61	39.7	5.88	46.1	7.31	49.3	8.08	50.6	8.33	51.8	8.41	53.0	8.48
	25	33.3	4.93	39.7	6.29	46.1	7.83	49.3	8.66	49.9	8.70	51.1	8.77	52.3	8.85
	27	33.3	5.26	39.7	6.72	46.1	8.37	48.6	9.02	49.2	9.06	50.4	9.15	51.6	9.23
	29	33.3	5.60	39.7	7.17	46.1	8.94	47.8	9.39	48.4	9.43	49.6	9.52	50.8	9.60
	31	33.3	5.97	39.7	7.65	46.1	9.55	47.1	9.75	47.7	9.80	48.9	9.89	50.1	9.98
	33	33.3	6.35	39.7	8.16	45.8	10.1	46.4	10.1	47.0	10.2	48.2	10.3	49.4	10.4
	35	33.3	6.76	39.7	8.69	45.0	10.4	45.6	10.5	46.2	10.5	47.4	10.6	48.6	10.7
	37	33.3	7.18	39.7	9.25	44.3	10.8	44.9	10.9	45.5	10.9	46.7	11.0	47.9	11.1
	39	33.3	7.64	39.7	9.85	43.6	11.2	44.2	11.2	44.8	11.3	46.0	11.4	47.2	11.5
100% (400)	10	30.2	3.59	36.1	4.35	41.9	5.16	44.8	5.57	47.7	5.99	53.5	6.85	56.6	7.09
	12	30.2	3.65	36.1	4.43	41.9	5.25	44.8	5.68	47.7	6.11	53.5	6.98	55.9	7.05
	14	30.2	3.72	36.1	4.52	41.9	5.35	44.8	5.79	47.7	6.22	53.5	7.11	55.2	7.01
	16	30.2	3.79	36.1	4.60	41.9	5.46	44.8	5.90	47.7	6.35	53.4	7.21	54.4	7.13
	18	30.2	3.86	36.1	4.69	41.9	5.57	44.8	6.02	47.7	6.47	52.6	7.44	53.7	7.49
	20	30.2	3.93	36.1	4.78	41.9	5.73	44.8	6.32	47.7	6.93	51.9	7.80	53.0	7.86
	21	30.2	3.97	36.1	4.83	41.9	5.94	44.8	6.54	47.7	7.18	51.5	7.98	52.6	8.04
	23	30.2	4.07	36.1	5.15	41.9	6.36	44.8	7.01	47.7	7.70	50.8	8.35	51.9	8.41
	25	30.2	4.34	36.1	5.50	41.9	6.80	44.8	7.51	47.7	8.25	50.1	8.71	51.2	8.78
	27	30.2	4.63	36.1	5.87	41.9	7.27	44.8	8.03	47.7	8.82	49.4	9.08	50.4	9.15
	29	30.2	4.93	36.1	6.27	41.9	7.76	44.8	8.58	47.5	9.37	48.6	9.45	49.7	9.52
	31	30.2	5.25	36.1	6.68	41.9	8.29	44.8	9.16	46.8	9.73	47.9	9.81	49.0	9.90
	33	30.2	5.58	36.1	7.11	41.9	8.84	44.8	9.77	46.1	10.1	47.2	10.2	48.3	10.3
	35	30.2	5.93	36.1	7.57	41.9	9.42	44.8	10.4	45.3	10.5	46.4	10.6	47.5	10.7
	37	30.2	6.30	36.1	8.06	41.9	10.0	44.1	10.8	44.6	10.8	45.7	10.9	46.8	11.0
	39	30.2	6.69	36.1	8.57	41.9	10.7	43.3	11.2	43.9	11.2	45.0	11.3	46.1	11.4
90% (360)	10	27.2	3.21	32.5	3.88	37.7	4.58	40.3	4.94	42.9	5.31	48.2	6.06	53.4	6.83
	12	27.2	3.27	32.5	3.94	37.7	4.66	40.3	5.03	42.9	5.41	48.2	6.18	53.4	6.96
	14	27.2	3.32	32.5	4.02	37.7	4.75	40.3	5.13	42.9	5.51	48.2	6.30	53.4	7.10
	16	27.2	3.38	32.5	4.09	37.7	4.84	40.3	5.22	42.9	5.62	48.2	6.42	53.3	7.21
	18	27.2	3.44	32.5	4.17	37.7	4.93	40.3	5.33	42.9	5.73	48.2	6.55	52.6	7.44
	20	27.2	3.51	32.5	4.25	37.7	5.03	40.3	5.43	42.9	5.94	48.2	7.04	51.9	7.80
	21	27.2	3.54	32.5	4.29	37.7	5.12	40.3	5.62	42.9	6.15	48.2	7.29	51.5	7.98
	23	27.2	3.61	32.5	4.47	37.7	5.48	40.3	6.02	42.9	6.59	48.2	7.82	50.8	8.34
	25	27.2	3.80	32.5	4.77	37.7	5.85	40.3	6.44	42.9	7.06	48.2	8.37	50.1	8.71
	27	27.2	4.05	32.5	5.09	37.7	6.25	40.3	6.88	42.9	7.54	48.2	8.96	49.3	9.08
	29	27.2	4.30	32.5	5.42	37.7	6.67	40.3	7.35	42.9	8.06	47.6	9.37	48.6	9.44
	31	27.2	4.57	32.5	5.77	37.7	7.11	40.3	7.84	42.9	8.60	46.9	9.74	47.9	9.81
	33	27.2	4.86	32.5	6.14	37.7	7.58	40.3	8.35	42.9	9.17	46.2	10.1	47.1	10.2
	35	27.2	5.16	32.5	6.53	37.7	8.07	40.3	8.90	42.9	9.78	45.4	10.5	46.4	10.6
	37	27.2	5.48	32.5	6.94	37.7	8.59	40.3	9.48	42.9	10.4	44.7	10.8	45.7	10.9
	39	27.2	5.81	32.5	7.38	37.7	9.14	40.3	10.1	42.9	11.1	44.0	11.2	45.0	11.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (320)	10	24.2	2.85	28.8	3.42	33.5	4.01	35.8	4.32	38.2	4.64	42.8	5.29	47.5	5.96
	12	24.2	2.90	28.8	3.47	33.5	4.09	35.8	4.40	38.2	4.73	42.8	5.39	47.5	6.07
	14	24.2	2.95	28.8	3.54	33.5	4.16	35.8	4.48	38.2	4.82	42.8	5.50	47.5	6.19
	16	24.2	3.00	28.8	3.60	33.5	4.24	35.8	4.57	38.2	4.91	42.8	5.60	47.5	6.31
	18	24.2	3.05	28.8	3.66	33.5	4.32	35.8	4.66	38.2	5.00	42.8	5.71	47.5	6.44
	20	24.2	3.10	28.8	3.73	33.5	4.40	35.8	4.75	38.2	5.10	42.8	5.92	47.5	6.89
	21	24.2	3.13	28.8	3.77	33.5	4.45	35.8	4.80	38.2	5.21	42.8	6.13	47.5	7.13
	23	24.2	3.19	28.8	3.84	33.5	4.66	35.8	5.11	38.2	5.57	42.8	6.57	47.5	7.65
	25	24.2	3.29	28.8	4.09	33.5	4.98	35.8	5.46	38.2	5.96	42.8	7.03	47.5	8.19
	27	24.2	3.50	28.8	4.36	33.5	5.31	35.8	5.82	38.2	6.36	42.8	7.52	47.5	8.76
	29	24.2	3.72	28.8	4.64	33.5	5.66	35.8	6.21	38.2	6.79	42.8	8.03	47.5	9.36
	31	24.2	3.95	28.8	4.93	33.5	6.03	35.8	6.62	38.2	7.24	42.8	8.57	46.8	9.73
	33	24.2	4.19	28.8	5.24	33.5	6.42	35.8	7.05	38.2	7.72	42.8	9.14	46.0	10.1
	35	24.2	4.45	28.8	5.57	33.5	6.83	35.8	7.50	38.2	8.22	42.8	9.74	45.3	10.5
	37	24.2	4.71	28.8	5.92	33.5	7.26	35.8	7.99	38.2	8.75	42.8	10.4	44.6	10.8
	39	24.2	4.99	28.8	6.28	33.5	7.72	35.8	8.49	38.2	9.31	42.8	11.1	43.8	11.2
70% (280)	10	21.2	2.51	25.2	2.98	29.3	3.47	31.4	3.73	33.4	4.00	37.5	4.55	41.6	5.11
	12	21.2	2.55	25.2	3.03	29.3	3.53	31.4	3.80	33.4	4.07	37.5	4.63	41.6	5.21
	14	21.2	2.59	25.2	3.08	29.3	3.60	31.4	3.87	33.4	4.15	37.5	4.72	41.6	5.31
	16	21.2	2.63	25.2	3.13	29.3	3.66	31.4	3.94	33.4	4.22	37.5	4.81	41.6	5.41
	18	21.2	2.67	25.2	3.18	29.3	3.73	31.4	4.01	33.4	4.30	37.5	4.90	41.6	5.52
	20	21.2	2.72	25.2	3.24	29.3	3.80	31.4	4.09	33.4	4.39	37.5	5.00	41.6	5.67
	21	21.2	2.74	25.2	3.27	29.3	3.84	31.4	4.13	33.4	4.43	37.5	5.08	41.6	5.87
	23	21.2	2.79	25.2	3.33	29.3	3.91	31.4	4.27	33.4	4.64	37.5	5.43	41.6	6.29
	25	21.2	2.84	25.2	3.46	29.3	4.18	31.4	4.56	33.4	4.96	37.5	5.81	41.6	6.73
	27	21.2	3.00	25.2	3.69	29.3	4.45	31.4	4.86	33.4	5.29	37.5	6.20	41.6	7.19
	29	21.2	3.18	25.2	3.92	29.3	4.74	31.4	5.18	33.4	5.64	37.5	6.62	41.6	7.68
	31	21.2	3.37	25.2	4.16	29.3	5.04	31.4	5.51	33.4	6.00	37.5	7.05	41.6	8.19
	33	21.2	3.58	25.2	4.42	29.3	5.36	31.4	5.86	33.4	6.39	37.5	7.52	41.6	8.73
	35	21.2	3.79	25.2	4.69	29.3	5.69	31.4	6.23	33.4	6.80	37.5	8.00	41.6	9.31
	37	21.2	4.01	25.2	4.97	29.3	6.04	31.4	6.62	33.4	7.23	37.5	8.52	41.6	9.92
	39	21.2	4.24	25.2	5.27	29.3	6.42	31.4	7.04	33.4	7.68	37.5	9.07	41.6	10.6
60% (240)	10	18.1	2.18	21.6	2.56	25.1	2.96	26.9	3.17	28.6	3.39	32.1	3.83	35.6	4.29
	12	18.1	2.21	21.6	2.60	25.1	3.01	26.9	3.23	28.6	3.45	32.1	3.90	35.6	4.37
	14	18.1	2.25	21.6	2.64	25.1	3.06	26.9	3.28	28.6	3.51	32.1	3.97	35.6	4.45
	16	18.1	2.28	21.6	2.68	25.1	3.12	26.9	3.34	28.6	3.57	32.1	4.05	35.6	4.54
	18	18.1	2.31	21.6	2.73	25.1	3.17	26.9	3.40	28.6	3.64	32.1	4.12	35.6	4.63
	20	18.1	2.35	21.6	2.77	25.1	3.23	26.9	3.46	28.6	3.70	32.1	4.20	35.6	4.72
	21	18.1	2.37	21.6	2.80	25.1	3.26	26.9	3.49	28.6	3.74	32.1	4.24	35.6	4.76
	23	18.1	2.41	21.6	2.85	25.1	3.32	26.9	3.56	28.6	3.81	32.1	4.41	35.6	5.06
	25	18.1	2.45	21.6	2.90	25.1	3.45	26.9	3.74	28.6	4.05	32.1	4.71	35.6	5.41
	27	18.1	2.54	21.6	3.07	25.1	3.67	26.9	3.98	28.6	4.32	32.1	5.02	35.6	5.78
	29	18.1	2.69	21.6	3.26	25.1	3.90	26.9	4.24	28.6	4.59	32.1	5.35	35.6	6.16
	31	18.1	2.85	21.6	3.46	25.1	4.14	26.9	4.50	28.6	4.88	32.1	5.69	35.6	6.56
	33	18.1	3.01	21.6	3.67	25.1	4.40	26.9	4.78	28.6	5.19	32.1	6.06	35.6	6.99
	35	18.1	3.18	21.6	3.89	25.1	4.66	26.9	5.08	28.6	5.51	32.1	6.44	35.6	7.44
	37	18.1	3.36	21.6	4.11	25.1	4.94	26.9	5.39	28.6	5.86	32.1	6.85	35.6	7.92
	39	18.1	3.55	21.6	4.35	25.1	5.24	26.9	5.72	28.6	6.22	32.1	7.28	35.6	8.42
50% (200)	10	15.1	1.88	18.0	2.17	20.9	2.48	22.4	2.65	23.9	2.81	26.8	3.16	29.7	3.52
	12	15.1	1.90	18.0	2.20	20.9	2.52	22.4	2.69	23.9	2.86	26.8	3.21	29.7	3.58
	14	15.1	1.92	18.0	2.23	20.9	2.56	22.4	2.73	23.9	2.91	26.8	3.27	29.7	3.65
	16	15.1	1.95	18.0	2.27	20.9	2.60	22.4	2.78	23.9	2.96	26.8	3.33	29.7	3.71
	18	15.1	1.98	18.0	2.30	20.9	2.64	22.4	2.82	23.9	3.01	26.8	3.39	29.7	3.78
	20	15.1	2.01	18.0	2.34	20.9	2.69	22.4	2.87	23.9	3.06	26.8	3.45	29.7	3.85
	21	15.1	2.02	18.0	2.36	20.9	2.71	22.4	2.90	23.9	3.09	26.8	3.48	29.7	3.89
	23	15.1	2.05	18.0	2.39	20.9	2.76	22.4	2.95	23.9	3.14	26.8	3.55	29.7	3.98
	25	15.1	2.08	18.0	2.43	20.9	2.81	22.4	3.01	23.9	3.24	26.8	3.72	29.7	4.24
	27	15.1	2.12	18.0	2.52	20.9	2.96	22.4	3.20	23.9	3.44	26.8	3.96	29.7	4.52
	29	15.1	2.24	18.0	2.67	20.9	3.14	22.4	3.40	23.9	3.66	26.8	4.22	29.7	4.81
	31	15.1	2.37	18.0	2.83	20.9	3.33	22.4	3.60	23.9	3.89	26.8	4.48	29.7	5.12
	33	15.1	2.50	18.0	2.99	20.9	3.53	22.4	3.82	23.9	4.12	26.8	4.76	29.7	5.45
	35	15.1	2.64	18.0	3.16	20.9	3.74	22.4	4.05	23.9	4.37	26.8	5.05	29.7	5.79
	37	15.1	2.78	18.0	3.34	20.9	3.96	22.4	4.29	23.9	4.63	26.8	5.36	29.7	6.15
	39	15.1	2.93	18.0	3.53	20.9	4.19	22.4	4.54	23.9	4.91	26.8	5.69	29.7	6.53

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ18THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	42.1	5.01	50.2	6.14	58.3	7.30	60.5	7.45	61.2	7.30	62.7	6.99	64.3	6.68
	12	42.1	5.11	50.2	6.25	58.3	7.44	59.7	7.42	60.4	7.26	62.0	6.95	63.5	6.84
	14	42.1	5.20	50.2	6.37	58.1	7.53	58.9	7.38	59.7	7.22	61.2	7.16	62.7	7.23
	16	42.1	5.30	50.2	6.50	57.4	7.50	58.1	7.44	58.9	7.48	60.4	7.55	61.9	7.62
	18	42.1	5.41	50.2	6.63	56.6	7.78	57.3	7.82	58.1	7.86	59.6	7.94	61.1	8.01
	20	42.1	5.51	50.2	7.06	55.8	8.16	56.5	8.20	57.3	8.24	58.8	8.32	60.3	8.41
	21	42.1	5.67	50.2	7.31	55.4	8.35	56.2	8.39	56.9	8.44	58.4	8.52	60.0	8.60
	23	42.1	6.07	50.2	7.84	54.6	8.73	55.4	8.78	56.1	8.82	57.7	8.91	59.2	9.00
	25	42.1	6.49	50.2	8.39	53.8	9.12	54.6	9.16	55.4	9.21	56.9	9.30	58.4	9.40
	27	42.1	6.93	50.2	8.98	53.1	9.50	53.8	9.55	54.6	9.60	56.1	9.70	57.6	9.80
	29	42.1	7.40	50.2	9.59	52.3	9.88	53.0	9.94	53.8	9.99	55.3	10.1	56.8	10.2
	31	42.1	7.89	50.0	10.2	51.5	10.3	52.3	10.3	53.0	10.4	54.5	10.5	56.1	10.6
	33	42.1	8.41	49.2	10.5	50.7	10.7	51.5	10.7	52.2	10.8	53.8	10.9	55.3	11.0
	35	42.1	8.96	48.4	10.9	49.9	11.0	50.7	11.1	51.5	11.2	53.0	11.3	54.5	11.4
	37	42.1	9.54	47.6	11.3	49.2	11.4	49.9	11.5	50.7	11.6	52.2	11.7	53.7	11.8
	39	42.1	10.2	46.9	11.7	48.4	11.8	49.1	11.9	49.9	12.0	51.4	12.1	52.9	12.3
120% (540)	10	38.9	4.58	46.4	5.60	53.8	6.65	57.6	7.19	60.3	7.49	61.7	7.21	63.1	6.93
	12	38.9	4.66	46.4	5.70	53.8	6.78	57.6	7.33	59.5	7.46	60.9	7.17	62.3	6.88
	14	38.9	4.75	46.4	5.81	53.8	6.91	57.6	7.47	58.7	7.42	60.1	7.13	61.5	7.18
	16	38.9	4.84	46.4	5.92	53.8	7.04	57.2	7.52	57.9	7.43	59.3	7.50	60.7	7.56
	18	38.9	4.94	46.4	6.04	53.8	7.29	56.4	7.78	57.1	7.81	58.5	7.88	59.9	7.95
	20	38.9	5.03	46.4	6.28	53.8	7.83	55.7	8.15	56.4	8.19	57.8	8.27	59.2	8.34
	21	38.9	5.08	46.4	6.50	53.8	8.11	55.3	8.34	56.0	8.38	57.4	8.46	58.8	8.54
	23	38.9	5.43	46.4	6.97	53.8	8.68	54.5	8.72	55.2	8.77	56.6	8.85	58.0	8.93
	25	38.9	5.80	46.4	7.46	53.0	9.06	53.7	9.11	54.4	9.15	55.8	9.24	57.2	9.32
	27	38.9	6.19	46.4	7.97	52.2	9.44	52.9	9.49	53.6	9.54	55.0	9.63	56.4	9.72
	29	38.9	6.60	46.4	8.51	51.4	9.83	52.1	9.87	52.8	9.92	54.2	10.0	55.6	10.1
	31	38.9	7.04	46.4	9.09	50.7	10.2	51.4	10.3	52.1	10.3	53.5	10.4	54.9	10.5
	33	38.9	7.50	46.4	9.69	49.9	10.6	50.6	10.6	51.3	10.7	52.7	10.8	54.1	10.9
	35	38.9	7.98	46.4	10.3	49.1	11.0	49.8	11.0	50.5	11.1	51.9	11.2	53.3	11.3
	37	38.9	8.49	46.4	11.0	48.3	11.4	49.0	11.4	49.7	11.5	51.1	11.6	52.5	11.7
	39	38.9	9.04	46.1	11.6	47.5	11.8	48.2	11.8	48.9	11.9	50.3	12.0	51.7	12.1
110% (495)	10	35.6	4.16	42.5	5.07	49.4	6.02	52.8	6.50	56.2	7.00	60.6	7.43	61.9	7.17
	12	35.6	4.23	42.5	5.16	49.4	6.13	52.8	6.63	56.2	7.13	59.8	7.39	61.1	7.13
	14	35.6	4.31	42.5	5.26	49.4	6.25	52.8	6.75	56.2	7.26	59.0	7.35	60.3	7.13
	16	35.6	4.39	42.5	5.36	49.4	6.37	52.8	6.88	56.2	7.41	58.2	7.45	59.5	7.51
	18	35.6	4.48	42.5	5.46	49.4	6.49	52.8	7.07	56.2	7.76	57.5	7.83	58.7	7.89
	20	35.6	4.56	42.5	5.57	49.4	6.88	52.8	7.60	55.4	8.14	56.7	8.21	58.0	8.28
	21	35.6	4.61	42.5	5.74	49.4	7.13	52.8	7.88	55.0	8.33	56.3	8.40	57.6	8.47
	23	35.6	4.82	42.5	6.15	49.4	7.64	52.8	8.45	54.2	8.71	55.5	8.79	56.8	8.86
	25	35.6	5.15	42.5	6.58	49.4	8.18	52.8	9.05	53.4	9.09	54.7	9.17	56.0	9.25
	27	35.6	5.49	42.5	7.02	49.4	8.75	52.0	9.43	52.7	9.47	54.0	9.56	55.2	9.64
	29	35.6	5.86	42.5	7.50	49.4	9.35	51.2	9.81	51.9	9.86	53.2	9.95	54.5	10.0
	31	35.6	6.24	42.5	8.00	49.4	9.98	50.5	10.2	51.1	10.2	52.4	10.3	53.7	10.4
	33	35.6	6.64	42.5	8.52	49.0	10.5	49.7	10.6	50.3	10.6	51.6	10.7	52.9	10.8
	35	35.6	7.06	42.5	9.08	48.3	10.9	48.9	11.0	49.5	11.0	50.8	11.1	52.1	11.2
	37	35.6	7.51	42.5	9.67	47.5	11.3	48.1	11.4	48.8	11.4	50.0	11.5	51.3	11.6
	39	35.6	7.98	42.5	10.3	46.7	11.7	47.3	11.7	48.0	11.8	49.3	11.9	50.5	12.0
100% (450)	10	32.4	3.75	38.6	4.55	44.9	5.39	48.0	5.82	51.1	6.26	57.4	7.16	60.7	7.41
	12	32.4	3.82	38.6	4.63	44.9	5.49	48.0	5.93	51.1	6.38	57.4	7.30	59.9	7.37
	14	32.4	3.89	38.6	4.72	44.9	5.60	48.0	6.05	51.1	6.51	57.4	7.44	59.1	7.33
	16	32.4	3.96	38.6	4.81	44.9	5.70	48.0	6.16	51.1	6.63	57.2	7.53	58.3	7.45
	18	32.4	4.03	38.6	4.90	44.9	5.82	48.0	6.29	51.1	6.76	56.4	7.77	57.6	7.83
	20	32.4	4.11	38.6	5.00	44.9	5.99	48.0	6.60	51.1	7.25	55.6	8.15	56.8	8.22
	21	32.4	4.15	38.6	5.05	44.9	6.20	48.0	6.84	51.1	7.51	55.2	8.34	56.4	8.41
	23	32.4	4.26	38.6	5.38	44.9	6.65	48.0	7.33	51.1	8.05	54.4	8.72	55.6	8.79
	25	32.4	4.54	38.6	5.75	44.9	7.11	48.0	7.85	51.1	8.62	53.7	9.10	54.8	9.18
	27	32.4	4.84	38.6	6.14	44.9	7.60	48.0	8.39	51.1	9.22	52.9	9.49	54.0	9.56
	29	32.4	5.15	38.6	6.55	44.9	8.11	48.0	8.96	50.9	9.79	52.1	9.87	53.3	9.95
	31	32.4	5.48	38.6	6.98	44.9	8.66	48.0	9.57	50.1	10.2	51.3	10.3	52.5	10.3
	33	32.4	5.83	38.6	7.43	44.9	9.23	48.0	10.2	49.4	10.6	50.5	10.6	51.7	10.7
	35	32.4	6.20	38.6	7.91	44.9	9.84	48.0	10.9	48.6	10.9	49.8	11.0	50.9	11.1
	37	32.4	6.58	38.6	8.42	44.9	10.5	47.2	11.3	47.8	11.3	49.0	11.4	50.1	11.5
	39	32.4	6.99	38.6	8.96	44.9	11.2	46.4	11.7	47.0	11.7	48.2	11.8	49.4	11.9
90% (405)	10	29.2	3.36	34.8	4.05	40.4	4.78	43.2	5.16	46.0	5.55	51.6	6.34	57.2	7.14
	12	29.2	3.42	34.8	4.12	40.4	4.87	43.2	5.26	46.0	5.65	51.6	6.46	57.2	7.28
	14	29.2	3.47	34.8	4.20	40.4	4.96	43.2	5.36	46.0	5.76	51.6	6.58	57.2	7.42
	16	29.2	3.54	34.8	4.27	40.4	5.06	43.2	5.46	46.0	5.87	51.6	6.71	57.1	7.54
	18	29.2	3.60	34.8	4.36	40.4	5.15	43.2	5.57	46.0	5.99	51.6	6.84	56.4	7.77
	20	29.2	3.67	34.8	4.44	40.4	5.26	43.2	5.68	46.0	6.21	51.6	7.35	55.6	8.15
	21	29.2	3.70	34.8	4.48	40.4	5.35	43.2	5.88	46.0	6.43	51.6	7.62	55.2	8.34
	23	29.2	3.77	34.8	4.67	40.4	5.72	43.2	6.29	46.0	6.89	51.6	8.17	54.4	8.72
	25	29.2	3.97	34.8	4.98	40.4	6.12	43.2	6.73	46.0	7.37	51.6	8.75	53.6	9.10
	27	29.2	4.23	34.8	5.32	40.4	6.53	43.2	7.19	46.0	7.88	51.6	9.36	52.9	9.49
	29	29.2	4.50	34.8	5.66	40.4	6.97	43.2	7.68	46.0	8.42	51.0	9.80	52.1	9.87
	31	29.2	4.78	34.8	6.03	40.4	7.43	43.2	8.19	46.0	8.98	50.2	10.2	51.3	10.3
	33	29.2	5.08	34.8	6.42	40.4	7.92	43.2	8.73	46.0	9.58	49.5	10.6	50.5	10.6
	35	29.2	5.39	34.8	6.83	40.4	8.43	43.2	9.30	46.0	10.2	48.7	10.9	49.7	11.0
	37	29.2	5.72	34.8	7.26	40.4	8.98	43.2	9.91	46.0	10.9	47.9	11.3	48.9	11.4
	39	29.2	6.07	34.8	7.71	40.4	9.55	43.2	10.5	46.0	11.6	47.1	11.7	48.2	11.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	25.9	2.98	30.9	3.57	35.9	4.19	38.4	4.52	40.9	4.85	45.9	5.53	50.9	6.23
	12	25.9	3.03	30.9	3.63	35.9	4.27	38.4	4.60	40.9	4.94	45.9	5.64	50.9	6.35
	14	25.9	3.08	30.9	3.69	35.9	4.35	38.4	4.69	40.9	5.03	45.9	5.74	50.9	6.47
	16	25.9	3.13	30.9	3.76	35.9	4.43	38.4	4.78	40.9	5.13	45.9	5.85	50.9	6.60
	18	25.9	3.19	30.9	3.83	35.9	4.51	38.4	4.87	40.9	5.23	45.9	5.97	50.9	6.73
	20	25.9	3.24	30.9	3.90	35.9	4.60	38.4	4.96	40.9	5.33	45.9	6.19	50.9	7.20
	21	25.9	3.27	30.9	3.94	35.9	4.65	38.4	5.01	40.9	5.44	45.9	6.41	50.9	7.46
	23	25.9	3.33	30.9	4.02	35.9	4.87	38.4	5.34	40.9	5.83	45.9	6.87	50.9	7.99
	25	25.9	3.44	30.9	4.27	35.9	5.20	38.4	5.70	40.9	6.23	45.9	7.35	50.9	8.56
	27	25.9	3.66	30.9	4.55	35.9	5.55	38.4	6.09	40.9	6.65	45.9	7.85	50.9	9.16
	29	25.9	3.89	30.9	4.85	35.9	5.92	38.4	6.49	40.9	7.10	45.9	8.39	50.9	9.79
	31	25.9	4.13	30.9	5.16	35.9	6.30	38.4	6.92	40.9	7.57	45.9	8.95	50.1	10.2
	33	25.9	4.38	30.9	5.48	35.9	6.71	38.4	7.37	40.9	8.06	45.9	9.55	49.3	10.6
	35	25.9	4.65	30.9	5.82	35.9	7.13	38.4	7.84	40.9	8.59	45.9	10.2	48.5	10.9
	37	25.9	4.93	30.9	6.18	35.9	7.59	38.4	8.35	40.9	9.14	45.9	10.8	47.8	11.3
	39	25.9	5.22	30.9	6.56	35.9	8.07	38.4	8.88	40.9	9.73	45.9	11.6	47.0	11.7
70% (315)	10	22.7	2.62	27.0	3.11	31.4	3.63	33.6	3.90	35.8	4.18	40.2	4.75	44.5	5.34
	12	22.7	2.66	27.0	3.16	31.4	3.69	33.6	3.97	35.8	4.25	40.2	4.84	44.5	5.44
	14	22.7	2.70	27.0	3.22	31.4	3.76	33.6	4.04	35.8	4.33	40.2	4.93	44.5	5.55
	16	22.7	2.75	27.0	3.27	31.4	3.83	33.6	4.12	35.8	4.41	40.2	5.02	44.5	5.65
	18	22.7	2.79	27.0	3.33	31.4	3.90	33.6	4.19	35.8	4.50	40.2	5.12	44.5	5.76
	20	22.7	2.84	27.0	3.39	31.4	3.97	33.6	4.27	35.8	4.58	40.2	5.22	44.5	5.93
	21	22.7	2.86	27.0	3.42	31.4	4.01	33.6	4.32	35.8	4.63	40.2	5.31	44.5	6.14
	23	22.7	2.91	27.0	3.48	31.4	4.09	33.6	4.46	35.8	4.85	40.2	5.68	44.5	6.57
	25	22.7	2.96	27.0	3.62	31.4	4.36	33.6	4.76	35.8	5.18	40.2	6.07	44.5	7.03
	27	22.7	3.13	27.0	3.85	31.4	4.65	33.6	5.08	35.8	5.53	40.2	6.48	44.5	7.51
	29	22.7	3.33	27.0	4.10	31.4	4.95	33.6	5.41	35.8	5.89	40.2	6.92	44.5	8.02
	31	22.7	3.53	27.0	4.35	31.4	5.27	33.6	5.76	35.8	6.27	40.2	7.37	44.5	8.56
	33	22.7	3.74	27.0	4.62	31.4	5.60	33.6	6.12	35.8	6.68	40.2	7.86	44.5	9.13
	35	22.7	3.96	27.0	4.90	31.4	5.95	33.6	6.51	35.8	7.10	40.2	8.36	44.5	9.73
	37	22.7	4.19	27.0	5.20	31.4	6.32	33.6	6.92	35.8	7.55	40.2	8.90	44.5	10.4
	39	22.7	4.43	27.0	5.51	31.4	6.71	33.6	7.35	35.8	8.03	40.2	9.48	44.5	11.0
60% (270)	10	19.4	2.28	23.2	2.68	26.9	3.10	28.8	3.32	30.7	3.54	34.4	4.01	38.2	4.49
	12	19.4	2.31	23.2	2.72	26.9	3.15	28.8	3.37	30.7	3.60	34.4	4.08	38.2	4.57
	14	19.4	2.35	23.2	2.76	26.9	3.20	28.8	3.43	30.7	3.67	34.4	4.15	38.2	4.65
	16	19.4	2.38	23.2	2.81	26.9	3.26	28.8	3.49	30.7	3.73	34.4	4.23	38.2	4.74
	18	19.4	2.42	23.2	2.85	26.9	3.31	28.8	3.55	30.7	3.80	34.4	4.31	38.2	4.83
	20	19.4	2.46	23.2	2.90	26.9	3.37	28.8	3.62	30.7	3.87	34.4	4.39	38.2	4.93
	21	19.4	2.48	23.2	2.93	26.9	3.40	28.8	3.65	30.7	3.91	34.4	4.43	38.2	4.98
	23	19.4	2.52	23.2	2.98	26.9	3.47	28.8	3.72	30.7	3.98	34.4	4.61	38.2	5.29
	25	19.4	2.56	23.2	3.03	26.9	3.60	28.8	3.91	30.7	4.23	34.4	4.92	38.2	5.66
	27	19.4	2.65	23.2	3.21	26.9	3.83	28.8	4.16	30.7	4.51	34.4	5.25	38.2	6.04
	29	19.4	2.81	23.2	3.41	26.9	4.07	28.8	4.43	30.7	4.80	34.4	5.59	38.2	6.44
	31	19.4	2.97	23.2	3.62	26.9	4.33	28.8	4.71	30.7	5.10	34.4	5.95	38.2	6.86
	33	19.4	3.15	23.2	3.83	26.9	4.59	28.8	5.00	30.7	5.43	34.4	6.33	38.2	7.31
	35	19.4	3.33	23.2	4.06	26.9	4.87	28.8	5.31	30.7	5.76	34.4	6.73	38.2	7.78
	37	19.4	3.52	23.2	4.30	26.9	5.17	28.8	5.63	30.7	6.12	34.4	7.16	38.2	8.27
	39	19.4	3.71	23.2	4.55	26.9	5.48	28.8	5.98	30.7	6.50	34.4	7.60	38.2	8.80
50% (225)	10	16.2	1.96	19.3	2.27	22.4	2.60	24.0	2.77	25.6	2.94	28.7	3.30	31.8	3.68
	12	16.2	1.99	19.3	2.30	22.4	2.64	24.0	2.81	25.6	2.99	28.7	3.36	31.8	3.74
	14	16.2	2.01	19.3	2.33	22.4	2.68	24.0	2.85	25.6	3.04	28.7	3.42	31.8	3.81
	16	16.2	2.04	19.3	2.37	22.4	2.72	24.0	2.90	25.6	3.09	28.7	3.48	31.8	3.88
	18	16.2	2.07	19.3	2.40	22.4	2.76	24.0	2.95	25.6	3.14	28.7	3.54	31.8	3.95
	20	16.2	2.10	19.3	2.44	22.4	2.81	24.0	3.00	25.6	3.20	28.7	3.60	31.8	4.03
	21	16.2	2.11	19.3	2.46	22.4	2.83	24.0	3.03	25.6	3.23	28.7	3.64	31.8	4.06
	23	16.2	2.14	19.3	2.50	22.4	2.88	24.0	3.08	25.6	3.28	28.7	3.71	31.8	4.16
	25	16.2	2.18	19.3	2.54	22.4	2.93	24.0	3.15	25.6	3.38	28.7	3.89	31.8	4.43
	27	16.2	2.21	19.3	2.63	22.4	3.10	24.0	3.34	25.6	3.60	28.7	4.14	31.8	4.73
	29	16.2	2.34	19.3	2.79	22.4	3.29	24.0	3.55	25.6	3.83	28.7	4.41	31.8	5.03
	31	16.2	2.47	19.3	2.95	22.4	3.48	24.0	3.77	25.6	4.06	28.7	4.68	31.8	5.35
	33	16.2	2.61	19.3	3.13	22.4	3.69	24.0	3.99	25.6	4.31	28.7	4.98	31.8	5.69
	35	16.2	2.75	19.3	3.30	22.4	3.91	24.0	4.23	25.6	4.57	28.7	5.28	31.8	6.05
	37	16.2	2.91	19.3	3.49	22.4	4.14	24.0	4.48	25.6	4.84	28.7	5.60	31.8	6.42
	39	16.2	3.06	19.3	3.69	22.4	4.38	24.0	4.75	25.6	5.13	28.7	5.95	31.8	6.82

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ20THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	47.7	5.74	56.9	7.03	66.1	8.36	68.5	8.54	69.4	8.36	71.1	8.01	72.8	7.65
	12	47.7	5.85	56.9	7.16	66.1	8.52	67.6	8.49	68.5	8.32	70.2	7.96	71.9	7.83
	14	47.7	5.96	56.9	7.30	65.9	8.63	66.7	8.45	67.6	8.27	69.3	8.20	71.0	8.28
	16	47.7	6.07	56.9	7.44	65.0	8.58	65.9	8.52	66.7	8.56	68.4	8.64	70.2	8.73
	18	47.7	6.19	56.9	7.59	64.1	8.91	65.0	8.96	65.8	9.00	67.6	9.09	69.3	9.17
	20	47.7	6.31	56.9	8.08	63.2	9.35	64.1	9.39	65.0	9.44	66.7	9.53	68.4	9.63
	21	47.7	6.49	56.9	8.37	62.8	9.56	63.6	9.61	64.5	9.66	66.2	9.76	68.0	9.85
	23	47.7	6.95	56.9	8.98	61.9	10.0	62.8	10.1	63.6	10.1	65.3	10.2	67.1	10.3
	25	47.7	7.43	56.9	9.61	61.0	10.4	61.9	10.5	62.7	10.5	64.5	10.7	66.2	10.8
	27	47.7	7.94	56.9	10.3	60.1	10.9	61.0	10.9	61.9	11.0	63.6	11.1	65.3	11.2
	29	47.7	8.47	56.9	11.0	59.2	11.3	60.1	11.4	61.0	11.4	62.7	11.6	64.4	11.7
	31	47.7	9.04	56.6	11.6	58.4	11.8	59.2	11.8	60.1	11.9	61.8	12.0	63.5	12.1
	33	47.7	9.63	55.8	12.1	57.5	12.2	58.3	12.3	59.2	12.3	60.9	12.5	62.6	12.6
	35	47.7	10.3	54.9	12.5	56.6	12.7	57.5	12.7	58.3	12.8	60.0	12.9	61.8	13.1
	37	47.7	10.9	54.0	13.0	55.7	13.1	56.6	13.2	57.4	13.3	59.2	13.4	60.9	13.6
	39	47.7	11.6	53.1	13.4	54.8	13.6	55.7	13.6	56.5	13.7	58.3	13.9	60.0	14.0
120% (600)	10	44.0	5.25	52.5	6.41	61.0	7.62	65.3	8.24	68.3	8.58	69.9	8.26	71.5	7.93
	12	44.0	5.34	52.5	6.53	61.0	7.76	65.3	8.39	67.4	8.54	69.0	8.21	70.6	7.88
	14	44.0	5.44	52.5	6.65	61.0	7.91	65.3	8.55	66.5	8.49	68.1	8.16	69.7	8.22
	16	44.0	5.54	52.5	6.78	61.0	8.07	64.8	8.62	65.6	8.51	67.2	8.59	68.8	8.66
	18	44.0	5.65	52.5	6.92	61.0	8.34	64.0	8.90	64.8	8.95	66.3	9.03	67.9	9.11
	20	44.0	5.76	52.5	7.19	61.0	8.97	63.1	9.34	63.9	9.38	65.5	9.47	67.0	9.55
	21	44.0	5.82	52.5	7.45	61.0	9.29	62.6	9.56	63.4	9.60	65.0	9.69	66.6	9.78
	23	44.0	6.22	52.5	7.98	60.9	9.94	61.7	9.99	62.5	10.0	64.1	10.1	65.7	10.2
	25	44.0	6.64	52.5	8.54	60.1	10.4	60.9	10.4	61.7	10.5	63.2	10.6	64.8	10.7
	27	44.0	7.09	52.5	9.13	59.2	10.8	60.0	10.9	60.8	10.9	62.4	11.0	63.9	11.1
	29	44.0	7.56	52.5	9.75	58.3	11.3	59.1	11.3	59.9	11.4	61.5	11.5	63.1	11.6
	31	44.0	8.06	52.5	10.4	57.4	11.7	58.2	11.7	59.0	11.8	60.6	11.9	62.2	12.0
	33	44.0	8.58	52.5	11.1	56.5	12.1	57.3	12.2	58.1	12.3	59.7	12.4	61.3	12.5
	35	44.0	9.14	52.5	11.8	55.6	12.6	56.4	12.6	57.2	12.7	58.8	12.8	60.4	13.0
	37	44.0	9.73	52.5	12.6	54.8	13.0	55.5	13.1	56.3	13.2	57.9	13.3	59.5	13.4
	39	44.0	10.3	52.3	13.3	53.9	13.5	54.7	13.5	55.5	13.6	57.1	13.8	58.6	13.9
110% (550)	10	40.4	4.76	48.2	5.80	55.9	6.89	59.8	7.45	63.7	8.01	68.7	8.51	70.1	8.21
	12	40.4	4.85	48.2	5.91	55.9	7.02	59.8	7.59	63.7	8.16	67.8	8.46	69.2	8.16
	14	40.4	4.94	48.2	6.02	55.9	7.15	59.8	7.73	63.7	8.32	66.9	8.42	68.4	8.16
	16	40.4	5.03	48.2	6.14	55.9	7.29	59.8	7.88	63.7	8.48	66.0	8.53	67.5	8.60
	18	40.4	5.12	48.2	6.26	55.9	7.44	59.8	8.10	63.7	8.89	65.1	8.96	66.6	9.04
	20	40.4	5.22	48.2	6.38	55.9	7.88	59.8	8.70	62.8	9.32	64.2	9.40	65.7	9.48
	21	40.4	5.28	48.2	6.58	55.9	8.16	59.8	9.02	62.3	9.54	63.8	9.62	65.3	9.70
	23	40.4	5.52	48.2	7.04	55.9	8.75	59.8	9.67	61.5	9.97	62.9	10.1	64.4	10.1
	25	40.4	5.90	48.2	7.53	55.9	9.37	59.8	10.4	60.6	10.4	62.0	10.5	63.5	10.6
	27	40.4	6.29	48.2	8.04	55.9	10.0	59.0	10.8	59.7	10.8	61.1	10.9	62.6	11.0
	29	40.4	6.71	48.2	8.59	55.9	10.7	58.1	11.2	58.8	11.3	60.3	11.4	61.7	11.5
	31	40.4	7.14	48.2	9.16	55.9	11.4	57.2	11.7	57.9	11.7	59.4	11.8	60.8	11.9
	33	40.4	7.60	48.2	9.76	55.6	12.1	56.3	12.1	57.0	12.2	58.5	12.3	59.9	12.4
	35	40.4	8.08	48.2	10.4	54.7	12.5	55.4	12.6	56.1	12.6	57.6	12.7	59.1	12.9
	37	40.4	8.60	48.2	11.1	53.8	12.9	54.5	13.0	55.3	13.1	56.7	13.2	58.2	13.3
	39	40.4	9.14	48.2	11.8	52.9	13.4	53.6	13.4	54.4	13.5	55.8	13.6	57.3	13.8
100% (500)	10	36.7	4.30	43.8	5.21	50.9	6.17	54.4	6.67	57.9	7.17	65.0	8.20	68.8	8.48
	12	36.7	4.37	43.8	5.30	50.9	6.29	54.4	6.79	57.9	7.31	65.0	8.35	67.9	8.44
	14	36.7	4.45	43.8	5.40	50.9	6.41	54.4	6.92	57.9	7.45	65.0	8.51	67.0	8.39
	16	36.7	4.53	43.8	5.51	50.9	6.53	54.4	7.06	57.9	7.59	64.8	8.63	66.1	8.53
	18	36.7	4.61	43.8	5.61	50.9	6.66	54.4	7.20	57.9	7.75	63.9	8.90	65.2	8.97
	20	36.7	4.70	43.8	5.72	50.9	6.86	54.4	7.56	57.9	8.30	63.0	9.34	64.3	9.41
	21	36.7	4.75	43.8	5.78	50.9	7.10	54.4	7.83	57.9	8.60	62.6	9.55	63.9	9.63
	23	36.7	4.87	43.8	6.16	50.9	7.61	54.4	8.39	57.9	9.22	61.7	9.99	63.0	10.1
	25	36.7	5.20	43.8	6.59	50.9	8.14	54.4	8.98	57.9	9.87	60.8	10.4	62.1	10.5
	27	36.7	5.54	43.8	7.03	50.9	8.70	54.4	9.61	57.9	10.6	59.9	10.9	61.2	11.0
	29	36.7	5.90	43.8	7.50	50.9	9.29	54.4	10.3	57.7	11.2	59.0	11.3	60.4	11.4
	31	36.7	6.28	43.8	7.99	50.9	9.92	54.4	11.0	56.8	11.6	58.2	11.7	59.5	11.8
	33	36.7	6.68	43.8	8.51	50.9	10.6	54.4	11.7	55.9	12.1	57.3	12.2	58.6	12.3
	35	36.7	7.10	43.8	9.06	50.9	11.3	54.4	12.5	55.1	12.5	56.4	12.6	57.7	12.7
	37	36.7	7.54	43.8	9.64	50.9	12.0	53.5	12.9	54.2	13.0	55.5	13.1	56.8	13.2
	39	36.7	8.01	43.8	10.3	50.9	12.8	52.6	13.4	53.3	13.4	54.6	13.5	55.9	13.7
90% (450)	10	33.0	3.85	39.4	4.64	45.8	5.48	49.0	5.91	52.1	6.35	58.5	7.26	64.9	8.18
	12	33.0	3.91	39.4	4.72	45.8	5.58	49.0	6.02	52.1	6.47	58.5	7.39	64.9	8.33
	14	33.0	3.98	39.4	4.81	45.8	5.68	49.0	6.13	52.1	6.59	58.5	7.54	64.9	8.49
	16	33.0	4.05	39.4	4.90	45.8	5.79	49.0	6.25	52.1	6.72	58.5	7.68	64.8	8.63
	18	33.0	4.12	39.4	4.99	45.8	5.90	49.0	6.37	52.1	6.86	58.5	7.84	63.9	8.90
	20	33.0	4.20	39.4	5.08	45.8	6.02	49.0	6.50	52.1	7.11	58.5	8.42	63.0	9.33
	21	33.0	4.24	39.4	5.13	45.8	6.12	49.0	6.73	52.1	7.36	58.5	8.72	62.6	9.55
	23	33.0	4.32	39.4	5.35	45.8	6.55	49.0	7.21	52.1	7.89	58.5	9.36	61.7	9.99
	25	33.0	4.55	39.4	5.71	45.8	7.01	49.0	7.71	52.1	8.44	58.5	10.0	60.8	10.4
	27	33.0	4.84	39.4	6.09	45.8	7.48	49.0	8.23	52.1	9.03	58.5	10.7	59.9	10.9
	29	33.0	5.15	39.4	6.49	45.8	7.98	49.0	8.79	52.1	9.64	57.8	11.2	59.0	11.3
	31	33.0	5.47	39.4	6.91	45.8	8.51	49.0	9.38	52.1	10.3	56.9	11.7	58.1	11.7
	33	33.0	5.82	39.4	7.35	45.8	9.07	49.0	10.0	52.1	11.0	56.1	12.1	57.2	12.2
	35	33.0	6.18	39.4	7.82	45.8	9.66	49.0	10.7	52.1	11.7	55.2	12.5	56.4	12.6
	37	33.0	6.55	39.4	8.31	45.8	10.3	49.0	11.3	52.1	12.5	54.3	13.0	55.5	13.1
	39	33.0	6.95	39.4	8.83	45.8	10.9	49.0	12.1	52.1	13.3	53.4	13.4	54.6	13.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	29.4	3.41	35.0	4.09	40.7	4.80	43.5	5.17	46.3	5.55	52.0	6.33	57.7	7.14
	12	29.4	3.47	35.0	4.16	40.7	4.89	43.5	5.27	46.3	5.66	52.0	6.45	57.7	7.27
	14	29.4	3.53	35.0	4.23	40.7	4.98	43.5	5.37	46.3	5.76	52.0	6.58	57.7	7.41
	16	29.4	3.59	35.0	4.31	40.7	5.07	43.5	5.47	46.3	5.87	52.0	6.70	57.7	7.55
	18	29.4	3.65	35.0	4.39	40.7	5.17	43.5	5.57	46.3	5.99	52.0	6.84	57.7	7.70
	20	29.4	3.71	35.0	4.47	40.7	5.27	43.5	5.68	46.3	6.11	52.0	7.09	57.7	8.24
	21	29.4	3.75	35.0	4.51	40.7	5.32	43.5	5.74	46.3	6.23	52.0	7.34	57.7	8.54
	23	29.4	3.81	35.0	4.60	40.7	5.58	43.5	6.11	46.3	6.67	52.0	7.86	57.7	9.15
	25	29.4	3.94	35.0	4.89	40.7	5.96	43.5	6.53	46.3	7.13	52.0	8.41	57.7	9.80
	27	29.4	4.19	35.0	5.21	40.7	6.36	43.5	6.97	46.3	7.62	52.0	8.99	57.7	10.5
	29	29.4	4.45	35.0	5.55	40.7	6.77	43.5	7.43	46.3	8.13	52.0	9.61	57.7	11.2
	31	29.4	4.73	35.0	5.90	40.7	7.22	43.5	7.92	46.3	8.66	52.0	10.3	56.8	11.6
	33	29.4	5.02	35.0	6.27	40.7	7.68	43.5	8.44	46.3	9.23	52.0	10.9	55.9	12.1
	35	29.4	5.32	35.0	6.67	40.7	8.17	43.5	8.98	46.3	9.83	52.0	11.7	55.0	12.5
	37	29.4	5.64	35.0	7.08	40.7	8.69	43.5	9.56	46.3	10.5	52.0	12.4	54.1	13.0
	39	29.4	5.98	35.0	7.51	40.7	9.24	43.5	10.2	46.3	11.1	52.0	13.2	53.2	13.4
70% (350)	10	25.7	3.00	30.6	3.56	35.6	4.16	38.1	4.47	40.6	4.79	45.5	5.44	50.5	6.12
	12	25.7	3.05	30.6	3.62	35.6	4.23	38.1	4.55	40.6	4.87	45.5	5.54	50.5	6.23
	14	25.7	3.10	30.6	3.68	35.6	4.30	38.1	4.63	40.6	4.96	45.5	5.65	50.5	6.35
	16	25.7	3.14	30.6	3.74	35.6	4.38	38.1	4.71	40.6	5.05	45.5	5.75	50.5	6.47
	18	25.7	3.20	30.6	3.81	35.6	4.46	38.1	4.80	40.6	5.15	45.5	5.86	50.5	6.60
	20	25.7	3.25	30.6	3.88	35.6	4.55	38.1	4.89	40.6	5.25	45.5	5.98	50.5	6.79
	21	25.7	3.28	30.6	3.91	35.6	4.59	38.1	4.94	40.6	5.30	45.5	6.08	50.5	7.03
	23	25.7	3.34	30.6	3.99	35.6	4.68	38.1	5.11	40.6	5.56	45.5	6.50	50.5	7.53
	25	25.7	3.39	30.6	4.15	35.6	5.00	38.1	5.45	40.6	5.93	45.5	6.95	50.5	8.05
	27	25.7	3.59	30.6	4.41	35.6	5.32	38.1	5.81	40.6	6.33	45.5	7.42	50.5	8.60
	29	25.7	3.81	30.6	4.69	35.6	5.67	38.1	6.19	40.6	6.75	45.5	7.92	50.5	9.19
	31	25.7	4.04	30.6	4.98	35.6	6.03	38.1	6.59	40.6	7.18	45.5	8.44	50.5	9.80
	33	25.7	4.28	30.6	5.29	35.6	6.41	38.1	7.01	40.6	7.65	45.5	8.99	50.5	10.5
	35	25.7	4.53	30.6	5.61	35.6	6.81	38.1	7.46	40.6	8.13	45.5	9.58	50.5	11.1
	37	25.7	4.80	30.6	5.95	35.6	7.23	38.1	7.92	40.6	8.65	45.5	10.2	50.5	11.9
	39	25.7	5.08	30.6	6.31	35.6	7.68	38.1	8.42	40.6	9.19	45.5	10.8	50.5	12.6
60% (300)	10	22.0	2.61	26.3	3.06	30.5	3.55	32.6	3.80	34.8	4.06	39.0	4.59	43.3	5.14
	12	22.0	2.65	26.3	3.11	30.5	3.60	32.6	3.86	34.8	4.12	39.0	4.67	43.3	5.23
	14	22.0	2.69	26.3	3.16	30.5	3.67	32.6	3.93	34.8	4.20	39.0	4.75	43.3	5.33
	16	22.0	2.73	26.3	3.21	30.5	3.73	32.6	4.00	34.8	4.27	39.0	4.84	43.3	5.43
	18	22.0	2.77	26.3	3.27	30.5	3.79	32.6	4.07	34.8	4.35	39.0	4.93	43.3	5.54
	20	22.0	2.81	26.3	3.32	30.5	3.86	32.6	4.14	34.8	4.43	39.0	5.03	43.3	5.64
	21	22.0	2.83	26.3	3.35	30.5	3.90	32.6	4.18	34.8	4.47	39.0	5.08	43.3	5.70
	23	22.0	2.88	26.3	3.41	30.5	3.97	32.6	4.26	34.8	4.56	39.0	5.28	43.3	6.06
	25	22.0	2.93	26.3	3.47	30.5	4.12	32.6	4.48	34.8	4.85	39.0	5.63	43.3	6.48
	27	22.0	3.04	26.3	3.68	30.5	4.39	32.6	4.77	34.8	5.16	39.0	6.01	43.3	6.91
	29	22.0	3.22	26.3	3.91	30.5	4.66	32.6	5.07	34.8	5.50	39.0	6.40	43.3	7.37
	31	22.0	3.41	26.3	4.14	30.5	4.95	32.6	5.39	34.8	5.85	39.0	6.81	43.3	7.86
	33	22.0	3.60	26.3	4.39	30.5	5.26	32.6	5.73	34.8	6.21	39.0	7.25	43.3	8.37
	35	22.0	3.81	26.3	4.65	30.5	5.58	32.6	6.08	34.8	6.60	39.0	7.71	43.3	8.90
	37	22.0	4.03	26.3	4.92	30.5	5.92	32.6	6.45	34.8	7.01	39.0	8.19	43.3	9.47
	39	22.0	4.25	26.3	5.21	30.5	6.27	32.6	6.84	34.8	7.44	39.0	8.71	43.3	10.1
50% (250)	10	18.4	2.24	21.9	2.60	25.4	2.97	27.2	3.17	29.0	3.37	32.5	3.78	36.0	4.21
	12	18.4	2.27	21.9	2.63	25.4	3.02	27.2	3.22	29.0	3.42	32.5	3.85	36.0	4.29
	14	18.4	2.30	21.9	2.67	25.4	3.06	27.2	3.27	29.0	3.48	32.5	3.91	36.0	4.36
	16	18.4	2.33	21.9	2.71	25.4	3.11	27.2	3.32	29.0	3.54	32.5	3.98	36.0	4.44
	18	18.4	2.37	21.9	2.75	25.4	3.16	27.2	3.38	29.0	3.60	32.5	4.05	36.0	4.52
	20	18.4	2.40	21.9	2.80	25.4	3.22	27.2	3.44	29.0	3.66	32.5	4.13	36.0	4.61
	21	18.4	2.42	21.9	2.82	25.4	3.24	27.2	3.47	29.0	3.69	32.5	4.16	36.0	4.65
	23	18.4	2.45	21.9	2.86	25.4	3.30	27.2	3.53	29.0	3.76	32.5	4.24	36.0	4.76
	25	18.4	2.49	21.9	2.91	25.4	3.36	27.2	3.60	29.0	3.88	32.5	4.46	36.0	5.08
	27	18.4	2.53	21.9	3.02	25.4	3.55	27.2	3.83	29.0	4.12	32.5	4.74	36.0	5.41
	29	18.4	2.68	21.9	3.20	25.4	3.76	27.2	4.07	29.0	4.38	32.5	5.05	36.0	5.76
	31	18.4	2.83	21.9	3.38	25.4	3.99	27.2	4.31	29.0	4.65	32.5	5.36	36.0	6.13
	33	18.4	2.99	21.9	3.58	25.4	4.23	27.2	4.57	29.0	4.93	32.5	5.70	36.0	6.52
	35	18.4	3.15	21.9	3.78	25.4	4.48	27.2	4.85	29.0	5.23	32.5	6.05	36.0	6.93
	37	18.4	3.33	21.9	4.00	25.4	4.74	27.2	5.13	29.0	5.54	32.5	6.42	36.0	7.36
	39	18.4	3.51	21.9	4.22	25.4	5.01	27.2	5.43	29.0	5.87	32.5	6.81	36.0	7.81

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ22THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (715)	10	53.3	6.47	63.6	7.92	73.9	9.42	76.6	9.62	77.5	9.42	79.5	9.02	81.4	8.62
	12	53.3	6.59	63.6	8.07	73.9	9.60	75.6	9.57	76.5	9.37	78.5	8.96	80.4	8.83
	14	53.3	6.71	63.6	8.22	73.6	9.72	74.6	9.52	75.6	9.31	77.5	9.24	79.4	9.33
	16	53.3	6.84	63.6	8.38	72.6	9.67	73.6	9.60	74.6	9.65	76.5	9.74	78.4	9.83
	18	53.3	6.98	63.6	8.55	71.7	10.0	72.6	10.1	73.6	10.1	75.5	10.2	77.4	10.3
	20	53.3	7.11	63.6	9.11	70.7	10.5	71.6	10.6	72.6	10.6	74.5	10.7	76.4	10.8
	21	53.3	7.31	63.6	9.43	70.2	10.8	71.1	10.8	72.1	10.9	74.0	11.0	75.9	11.1
	23	53.3	7.83	63.6	10.1	69.2	11.3	70.1	11.3	71.1	11.4	73.0	11.5	75.0	11.6
	25	53.3	8.37	63.6	10.8	68.2	11.8	69.2	11.8	70.1	11.9	72.0	12.0	74.0	12.1
	27	53.3	8.94	63.6	11.6	67.2	12.3	68.2	12.3	69.1	12.4	71.1	12.5	73.0	12.6
	29	53.3	9.55	63.6	12.4	66.2	12.8	67.2	12.8	68.1	12.9	70.1	13.0	72.0	13.2
	31	53.3	10.2	63.3	13.1	65.2	13.3	66.2	13.3	67.2	13.4	69.1	13.5	71.0	13.7
	33	53.3	10.9	62.3	13.6	64.2	13.8	65.2	13.8	66.2	13.9	68.1	14.1	70.0	14.2
	35	53.3	11.6	61.3	14.1	63.2	14.3	64.2	14.3	65.2	14.4	67.1	14.6	69.0	14.7
	37	53.3	12.3	60.3	14.6	62.3	14.8	63.2	14.8	64.2	14.9	66.1	15.1	68.0	15.3
	39	53.3	13.1	59.3	15.1	61.3	15.3	62.2	15.4	63.2	15.5	65.1	15.6	67.0	15.8
120% (660)	10	49.2	5.91	58.7	7.22	68.2	8.58	72.9	9.28	76.3	9.67	78.1	9.31	79.9	8.94
	12	49.2	6.02	58.7	7.35	68.2	8.75	72.9	9.45	75.3	9.62	77.1	9.25	78.9	8.88
	14	49.2	6.13	58.7	7.50	68.2	8.91	72.9	9.64	74.3	9.57	76.1	9.19	77.9	9.26
	16	49.2	6.25	58.7	7.64	68.2	9.09	72.5	9.71	73.4	9.59	75.1	9.67	76.9	9.76
	18	49.2	6.37	58.7	7.79	68.2	9.40	71.5	10.0	72.4	10.1	74.1	10.2	75.9	10.3
	20	49.2	6.49	58.7	8.10	68.2	10.1	70.5	10.5	71.4	10.6	73.2	10.7	74.9	10.8
	21	49.2	6.56	58.7	8.39	68.2	10.5	70.0	10.8	70.9	10.8	72.7	10.9	74.4	11.0
	23	49.2	7.00	58.7	8.99	68.1	11.2	69.0	11.3	69.9	11.3	71.7	11.4	73.4	11.5
	25	49.2	7.48	58.7	9.62	67.1	11.7	68.0	11.7	68.9	11.8	70.7	11.9	72.5	12.0
	27	49.2	7.99	58.7	10.3	66.1	12.2	67.0	12.2	67.9	12.3	69.7	12.4	71.5	12.5
	29	49.2	8.52	58.7	11.0	65.2	12.7	66.0	12.7	66.9	12.8	68.7	12.9	70.5	13.1
	31	49.2	9.08	58.7	11.7	64.2	13.2	65.1	13.2	65.9	13.3	67.7	13.4	69.5	13.6
	33	49.2	9.67	58.7	12.5	63.2	13.7	64.1	13.7	65.0	13.8	66.7	14.0	68.5	14.1
	35	49.2	10.3	58.7	13.3	62.2	14.2	63.1	14.2	64.0	14.3	65.7	14.5	67.5	14.6
	37	49.2	11.0	58.7	14.2	61.2	14.7	62.1	14.7	63.0	14.8	64.8	15.0	66.5	15.1
	39	49.2	11.7	58.4	15.0	60.2	15.2	61.1	15.3	62.0	15.3	63.8	15.5	65.5	15.7
110% (605)	10	45.1	5.37	53.8	6.54	62.5	7.76	66.9	8.39	71.2	9.03	76.7	9.58	78.4	9.25
	12	45.1	5.46	53.8	6.66	62.5	7.91	66.9	8.55	71.2	9.20	75.8	9.53	77.4	9.20
	14	45.1	5.56	53.8	6.78	62.5	8.06	66.9	8.71	71.2	9.37	74.8	9.48	76.4	9.19
	16	45.1	5.67	53.8	6.91	62.5	8.22	66.9	8.88	71.2	9.56	73.8	9.61	75.4	9.69
	18	45.1	5.77	53.8	7.05	62.5	8.38	66.9	9.13	71.2	10.0	72.8	10.1	74.4	10.2
	20	45.1	5.89	53.8	7.19	62.5	8.88	66.9	9.81	70.2	10.5	71.8	10.6	73.4	10.7
	21	45.1	5.94	53.8	7.41	62.5	9.19	66.9	10.2	69.7	10.7	71.3	10.8	72.9	10.9
	23	45.1	6.22	53.8	7.93	62.5	9.86	66.9	10.9	68.7	11.2	70.3	11.3	71.9	11.4
	25	45.1	6.64	53.8	8.48	62.5	10.6	66.9	11.7	67.7	11.7	69.3	11.8	71.0	11.9
	27	45.1	7.09	53.8	9.06	62.5	11.3	65.9	12.2	66.7	12.2	68.3	12.3	70.0	12.4
	29	45.1	7.55	53.8	9.67	62.5	12.1	64.9	12.7	65.7	12.7	67.3	12.8	69.0	12.9
	31	45.1	8.05	53.8	10.3	62.5	12.9	63.9	13.2	64.7	13.2	66.4	13.3	68.0	13.5
	33	45.1	8.56	53.8	11.0	62.1	13.6	62.9	13.6	63.7	13.7	65.4	13.8	67.0	14.0
	35	45.1	9.11	53.8	11.7	61.1	14.1	61.9	14.1	62.8	14.2	64.4	14.4	66.0	14.5
	37	45.1	9.69	53.8	12.5	60.1	14.6	60.9	14.6	61.8	14.7	63.4	14.9	65.0	15.0
	39	45.1	10.3	53.8	13.3	59.1	15.1	60.0	15.1	60.8	15.2	62.4	15.4	64.0	15.5
100% (550)	10	41.0	4.84	48.9	5.87	56.8	6.95	60.8	7.51	64.8	8.08	72.7	9.24	76.9	9.56
	12	41.0	4.93	48.9	5.98	56.8	7.08	60.8	7.65	64.8	8.23	72.7	9.41	75.9	9.51
	14	41.0	5.01	48.9	6.09	56.8	7.22	60.8	7.80	64.8	8.39	72.7	9.59	74.9	9.46
	16	41.0	5.10	48.9	6.20	56.8	7.36	60.8	7.95	64.8	8.56	72.4	9.72	73.9	9.61
	18	41.0	5.20	48.9	6.32	56.8	7.50	60.8	8.11	64.8	8.73	71.4	10.0	72.9	10.1
	20	41.0	5.30	48.9	6.45	56.8	7.73	60.8	8.52	64.8	9.35	70.4	10.5	71.9	10.6
	21	41.0	5.35	48.9	6.51	56.8	8.00	60.8	8.82	64.8	9.68	69.9	10.8	71.4	10.8
	23	41.0	5.49	48.9	6.94	56.8	8.57	60.8	9.46	64.8	10.4	69.0	11.3	70.4	11.3
	25	41.0	5.86	48.9	7.42	56.8	9.17	60.8	10.1	64.8	11.1	68.0	11.7	69.4	11.8
	27	41.0	6.24	48.9	7.92	56.8	9.80	60.8	10.8	64.8	11.9	67.0	12.2	68.5	12.3
	29	41.0	6.65	48.9	8.45	56.8	10.5	60.8	11.6	64.5	12.6	66.0	12.7	67.5	12.8
	31	41.0	7.07	48.9	9.00	56.8	11.2	60.8	12.3	63.5	13.1	65.0	13.2	66.5	13.3
	33	41.0	7.52	48.9	9.59	56.8	11.9	60.8	13.2	62.5	13.6	64.0	13.7	65.5	13.9
	35	41.0	8.00	48.9	10.2	56.8	12.7	60.8	14.1	61.5	14.1	63.0	14.2	64.5	14.4
	37	41.0	8.49	48.9	10.9	56.8	13.5	59.8	14.5	60.6	14.6	62.0	14.7	63.5	14.9
	39	41.0	9.02	48.9	11.6	56.8	14.4	58.8	15.0	59.6	15.1	61.0	15.2	62.5	15.4
90% (495)	10	36.9	4.33	44.0	5.23	51.2	6.17	54.7	6.66	58.3	7.16	65.4	8.18	72.5	9.22
	12	36.9	4.41	44.0	5.32	51.2	6.28	54.7	6.78	58.3	7.29	65.4	8.33	72.5	9.39
	14	36.9	4.48	44.0	5.41	51.2	6.40	54.7	6.91	58.3	7.43	65.4	8.49	72.5	9.57
	16	36.9	4.56	44.0	5.52	51.2	6.52	54.7	7.04	58.3	7.57	65.4	8.66	72.4	9.72
	18	36.9	4.64	44.0	5.62	51.2	6.65	54.7	7.18	58.3	7.72	65.4	8.83	71.4	10.0
	20	36.9	4.73	44.0	5.73	51.2	6.78	54.7	7.33	58.3	8.01	65.4	9.49	70.4	10.5
	21	36.9	4.77	44.0	5.78	51.2	6.90	54.7	7.58	58.3	8.30	65.4	9.83	69.9	10.8
	23	36.9	4.86	44.0	6.02	51.2	7.38	54.7	8.12	58.3	8.89	65.4	10.5	68.9	11.3
	25	36.9	5.12	44.0	6.43	51.2	7.89	54.7	8.68	58.3	9.51	65.4	11.3	67.9	11.7
	27	36.9	5.45	44.0	6.86	51.2	8.43	54.7	9.28	58.3	10.2	65.4	12.1	66.9	12.2
	29	36.9	5.80	44.0	7.31	51.2	8.99	54.7	9.90	58.3	10.9	64.6	12.6	66.0	12.7
	31	36.9	6.17	44.0	7.78	51.2	9.59	54.7	10.6	58.3	11.6	63.6	13.1	65.0	13.2
	33	36.9	6.55	44.0	8.28	51.2	10.2	54.7	11.3	58.3	12.4	62.7	13.6	64.0	13.7
	35	36.9	6.96	44.0	8.81	51.2	10.9	54.7	12.0	58.3	13.2	61.7	14.1	63.0	14.2
	37	36.9	7.38	44.0	9.36	51.2	11.6	54.7	12.8	58.3	14.0	60.7	14.6	62.0	14.7
	39	36.9	7.83	44.0	9.95	51.2	12.3	54.7	13.6	58.3	15.0	59.7	15.1	61.0	15.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (440)	10	32.8	3.85	39.1	4.61	45.5	5.41	48.6	5.83	51.8	6.26	58.1	7.14	64.5	8.04
	12	32.8	3.91	39.1	4.68	45.5	5.51	48.6	5.94	51.8	6.37	58.1	7.27	64.5	8.19
	14	32.8	3.97	39.1	4.77	45.5	5.61	48.6	6.05	51.8	6.49	58.1	7.41	64.5	8.35
	16	32.8	4.04	39.1	4.85	45.5	5.71	48.6	6.16	51.8	6.62	58.1	7.55	64.5	8.51
	18	32.8	4.11	39.1	4.94	45.5	5.82	48.6	6.28	51.8	6.75	58.1	7.70	64.5	8.68
	20	32.8	4.18	39.1	5.03	45.5	5.94	48.6	6.40	51.8	6.88	58.1	7.98	64.5	9.28
	21	32.8	4.22	39.1	5.08	45.5	5.99	48.6	6.47	51.8	7.02	58.1	8.27	64.5	9.62
	23	32.8	4.30	39.1	5.18	45.5	6.29	48.6	6.89	51.8	7.52	58.1	8.86	64.5	10.3
	25	32.8	4.44	39.1	5.51	45.5	6.71	48.6	7.36	51.8	8.03	58.1	9.48	64.5	11.0
	27	32.8	4.72	39.1	5.88	45.5	7.16	48.6	7.85	51.8	8.58	58.1	10.1	64.5	11.8
	29	32.8	5.02	39.1	6.25	45.5	7.63	48.6	8.38	51.8	9.16	58.1	10.8	64.5	12.6
	31	32.8	5.33	39.1	6.65	45.5	8.13	48.6	8.93	51.8	9.76	58.1	11.6	63.5	13.1
	33	32.8	5.65	39.1	7.07	45.5	8.65	48.6	9.51	51.8	10.4	58.1	12.3	62.5	13.6
	35	32.8	5.99	39.1	7.51	45.5	9.21	48.6	10.1	51.8	11.1	58.1	13.1	61.5	14.1
	37	32.8	6.35	39.1	7.98	45.5	9.79	48.6	10.8	51.8	11.8	58.1	14.0	60.5	14.6
	39	32.8	6.73	39.1	8.47	45.5	10.4	48.6	11.5	51.8	12.6	58.1	14.9	59.5	15.1
70% (385)	10	28.7	3.38	34.3	4.01	39.8	4.69	42.6	5.03	45.3	5.39	50.9	6.13	56.4	6.89
	12	28.7	3.43	34.3	4.08	39.8	4.77	42.6	5.12	45.3	5.49	50.9	6.24	56.4	7.02
	14	28.7	3.49	34.3	4.15	39.8	4.85	42.6	5.22	45.3	5.59	50.9	6.36	56.4	7.16
	16	28.7	3.54	34.3	4.22	39.8	4.94	42.6	5.31	45.3	5.69	50.9	6.48	56.4	7.29
	18	28.7	3.60	34.3	4.29	39.8	5.03	42.6	5.41	45.3	5.80	50.9	6.61	56.4	7.44
	20	28.7	3.66	34.3	4.37	39.8	5.12	42.6	5.51	45.3	5.92	50.9	6.74	56.4	7.65
	21	28.7	3.69	34.3	4.41	39.8	5.17	42.6	5.57	45.3	5.97	50.9	6.85	56.4	7.92
	23	28.7	3.76	34.3	4.49	39.8	5.28	42.6	5.76	45.3	6.26	50.9	7.33	56.4	8.48
	25	28.7	3.82	34.3	4.67	39.8	5.63	42.6	6.14	45.3	6.68	50.9	7.83	56.4	9.07
	27	28.7	4.04	34.3	4.97	39.8	6.00	42.6	6.55	45.3	7.13	50.9	8.36	56.4	9.69
	29	28.7	4.29	34.3	5.28	39.8	6.39	42.6	6.98	45.3	7.60	50.9	8.92	56.4	10.4
	31	28.7	4.55	34.3	5.61	39.8	6.79	42.6	7.43	45.3	8.09	50.9	9.51	56.4	11.0
	33	28.7	4.82	34.3	5.96	39.8	7.22	42.6	7.90	45.3	8.61	50.9	10.1	56.4	11.8
	35	28.7	5.11	34.3	6.32	39.8	7.67	42.6	8.40	45.3	9.16	50.9	10.8	56.4	12.6
	37	28.7	5.40	34.3	6.70	39.8	8.15	42.6	8.93	45.3	9.75	50.9	11.5	56.4	13.4
	39	28.7	5.72	34.3	7.11	39.8	8.65	42.6	9.49	45.3	10.4	50.9	12.2	56.4	14.2
60% (330)	10	24.6	2.94	29.4	3.45	34.1	4.00	36.5	4.28	38.9	4.57	43.6	5.17	48.3	5.79
	12	24.6	2.98	29.4	3.51	34.1	4.06	36.5	4.35	38.9	4.65	43.6	5.26	48.3	5.90
	14	24.6	3.03	29.4	3.56	34.1	4.13	36.5	4.43	38.9	4.73	43.6	5.36	48.3	6.01
	16	24.6	3.07	29.4	3.62	34.1	4.20	36.5	4.50	38.9	4.81	43.6	5.46	48.3	6.12
	18	24.6	3.12	29.4	3.68	34.1	4.27	36.5	4.58	38.9	4.90	43.6	5.56	48.3	6.24
	20	24.6	3.17	29.4	3.74	34.1	4.35	36.5	4.67	38.9	4.99	43.6	5.67	48.3	6.36
	21	24.6	3.19	29.4	3.77	34.1	4.39	36.5	4.71	38.9	5.04	43.6	5.72	48.3	6.42
	23	24.6	3.25	29.4	3.84	34.1	4.47	36.5	4.80	38.9	5.14	43.6	5.94	48.3	6.83
	25	24.6	3.30	29.4	3.91	34.1	4.65	36.5	5.04	38.9	5.46	43.6	6.35	48.3	7.30
	27	24.6	3.42	29.4	4.15	34.1	4.94	36.5	5.37	38.9	5.82	43.6	6.77	48.3	7.79
	29	24.6	3.62	29.4	4.40	34.1	5.26	36.5	5.71	38.9	6.19	43.6	7.21	48.3	8.31
	31	24.6	3.84	29.4	4.67	34.1	5.58	36.5	6.07	38.9	6.59	43.6	7.68	48.3	8.85
	33	24.6	4.06	29.4	4.95	34.1	5.93	36.5	6.45	38.9	7.00	43.6	8.17	48.3	9.43
	35	24.6	4.29	29.4	5.24	34.1	6.29	36.5	6.85	38.9	7.44	43.6	8.69	48.3	10.0
	37	24.6	4.54	29.4	5.55	34.1	6.67	36.5	7.27	38.9	7.90	43.6	9.23	48.3	10.7
	39	24.6	4.79	29.4	5.87	34.1	7.07	36.5	7.71	38.9	8.38	43.6	9.81	48.3	11.4
50% (275)	10	20.5	2.53	24.5	2.93	28.4	3.35	30.4	3.57	32.4	3.79	36.3	4.26	40.3	4.75
	12	20.5	2.56	24.5	2.97	28.4	3.40	30.4	3.62	32.4	3.86	36.3	4.33	40.3	4.83
	14	20.5	2.60	24.5	3.01	28.4	3.45	30.4	3.68	32.4	3.92	36.3	4.41	40.3	4.92
	16	20.5	2.63	24.5	3.06	28.4	3.51	30.4	3.74	32.4	3.99	36.3	4.49	40.3	5.00
	18	20.5	2.67	24.5	3.10	28.4	3.57	30.4	3.81	32.4	4.05	36.3	4.57	40.3	5.10
	20	20.5	2.71	24.5	3.15	28.4	3.62	30.4	3.87	32.4	4.13	36.3	4.65	40.3	5.19
	21	20.5	2.72	24.5	3.18	28.4	3.66	30.4	3.91	32.4	4.16	36.3	4.69	40.3	5.24
	23	20.5	2.77	24.5	3.23	28.4	3.72	30.4	3.98	32.4	4.24	36.3	4.78	40.3	5.36
	25	20.5	2.81	24.5	3.28	28.4	3.79	30.4	4.06	32.4	4.37	36.3	5.02	40.3	5.72
	27	20.5	2.85	24.5	3.40	28.4	4.00	30.4	4.31	32.4	4.64	36.3	5.35	40.3	6.10
	29	20.5	3.02	24.5	3.60	28.4	4.24	30.4	4.58	32.4	4.93	36.3	5.69	40.3	6.49
	31	20.5	3.19	24.5	3.81	28.4	4.50	30.4	4.86	32.4	5.24	36.3	6.04	40.3	6.91
	33	20.5	3.37	24.5	4.03	28.4	4.76	30.4	5.15	32.4	5.56	36.3	6.42	40.3	7.34
	35	20.5	3.55	24.5	4.26	28.4	5.04	30.4	5.46	32.4	5.89	36.3	6.81	40.3	7.80
	37	20.5	3.75	24.5	4.51	28.4	5.34	30.4	5.78	32.4	6.25	36.3	7.23	40.3	8.29
	39	20.5	3.95	24.5	4.76	28.4	5.65	30.4	6.12	32.4	6.62	36.3	7.67	40.3	8.80

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ24THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (780)	10	58.9	7.20	70.3	8.81	81.7	10.5	84.6	10.7	85.7	10.5	87.8	10.0	90.0	9.59
	12	58.9	7.33	70.3	8.97	81.7	10.7	83.5	10.6	84.6	10.4	86.7	9.97	88.9	9.82
	14	58.9	7.47	70.3	9.15	81.4	10.8	82.4	10.6	83.5	10.4	85.6	10.3	87.8	10.4
	16	58.9	7.61	70.3	9.33	80.3	10.8	81.4	10.7	82.4	10.7	84.5	10.8	86.7	10.9
	18	58.9	7.76	70.3	9.51	79.2	11.2	80.3	11.2	81.3	11.3	83.5	11.4	85.6	11.5
	20	58.9	7.91	70.3	10.1	78.1	11.7	79.2	11.8	80.2	11.8	82.4	11.9	84.5	12.1
	21	58.9	8.14	70.3	10.5	77.6	12.0	78.6	12.0	79.7	12.1	81.8	12.2	83.9	12.3
	23	58.9	8.71	70.3	11.2	76.5	12.5	77.5	12.6	78.6	12.7	80.7	12.8	82.8	12.9
	25	58.9	9.31	70.3	12.0	75.4	13.1	76.4	13.2	77.5	13.2	79.6	13.4	81.8	13.5
	27	58.9	9.95	70.3	12.9	74.3	13.6	75.3	13.7	76.4	13.8	78.5	13.9	80.7	14.1
	29	58.9	10.6	70.3	13.8	73.2	14.2	74.2	14.3	75.3	14.3	77.4	14.5	79.6	14.6
	31	58.9	11.3	70.0	14.6	72.1	14.7	73.2	14.8	74.2	14.9	76.4	15.1	78.5	15.2
	33	58.9	12.1	68.9	15.1	71.0	15.3	72.1	15.4	73.1	15.5	75.3	15.6	77.4	15.8
	35	58.9	12.9	67.8	15.7	69.9	15.9	71.0	15.9	72.0	16.0	74.2	16.2	76.3	16.4
	37	58.9	13.7	66.7	16.2	68.8	16.4	69.9	16.5	70.9	16.6	73.1	16.8	75.2	17.0
	39	58.9	14.6	65.6	16.8	67.7	17.0	68.8	17.1	69.8	17.2	72.0	17.4	74.1	17.6
120% (720)	10	54.4	6.57	64.9	8.03	75.4	9.55	80.6	10.3	84.4	10.8	86.3	10.4	88.3	9.94
	12	54.4	6.69	64.9	8.18	75.4	9.73	80.6	10.5	83.3	10.7	85.2	10.3	87.2	9.87
	14	54.4	6.82	64.9	8.34	75.4	9.92	80.6	10.7	82.2	10.6	84.1	10.2	86.1	10.3
	16	54.4	6.95	64.9	8.50	75.4	10.1	80.1	10.8	81.1	10.7	83.0	10.8	85.0	10.9
	18	54.4	7.08	64.9	8.67	75.4	10.5	79.0	11.2	80.0	11.2	82.0	11.3	83.9	11.4
	20	54.4	7.22	64.9	9.01	75.4	11.2	77.9	11.7	78.9	11.8	80.9	11.9	82.8	12.0
	21	54.4	7.30	64.9	9.33	75.4	11.6	77.4	12.0	78.3	12.0	80.3	12.1	82.3	12.3
	23	54.4	7.79	64.9	10.0	75.3	12.5	76.3	12.5	77.3	12.6	79.2	12.7	81.2	12.8
	25	54.4	8.32	64.9	10.7	74.2	13.0	75.2	13.1	76.2	13.1	78.1	13.3	80.1	13.4
	27	54.4	8.89	64.9	11.4	73.1	13.6	74.1	13.6	75.1	13.7	77.0	13.8	79.0	14.0
	29	54.4	9.48	64.9	12.2	72.0	14.1	73.0	14.2	74.0	14.2	75.9	14.4	77.9	14.5
	31	54.4	10.1	64.9	13.0	70.9	14.7	71.9	14.7	72.9	14.8	74.8	14.9	76.8	15.1
	33	54.4	10.8	64.9	13.9	69.8	15.2	70.8	15.3	71.8	15.4	73.8	15.5	75.7	15.7
	35	54.4	11.5	64.9	14.8	68.7	15.8	69.7	15.8	70.7	15.9	72.7	16.1	74.6	16.3
	37	54.4	12.2	64.9	15.8	67.6	16.3	68.6	16.4	69.6	16.5	71.6	16.7	73.5	16.8
	39	54.4	13.0	64.6	16.7	66.5	16.9	67.5	17.0	68.5	17.1	70.5	17.2	72.4	17.4
110% (660)	10	49.9	5.97	59.5	7.27	69.1	8.63	73.9	9.33	78.7	10.0	84.8	10.7	86.6	10.3
	12	49.9	6.08	59.5	7.41	69.1	8.80	73.9	9.51	78.7	10.2	83.7	10.6	85.5	10.2
	14	49.9	6.19	59.5	7.55	69.1	8.97	73.9	9.69	78.7	10.4	82.6	10.5	84.4	10.2
	16	49.9	6.30	59.5	7.69	69.1	9.14	73.9	9.88	78.7	10.6	81.5	10.7	83.3	10.8
	18	49.9	6.42	59.5	7.84	69.1	9.32	73.9	10.2	78.6	11.1	80.4	11.2	82.2	11.3
	20	49.9	6.55	59.5	8.00	69.1	9.87	73.9	10.9	77.6	11.7	79.4	11.8	81.2	11.9
	21	49.9	6.61	59.5	8.24	69.1	10.2	73.9	11.3	77.0	12.0	78.8	12.1	80.6	12.2
	23	49.9	6.92	59.5	8.82	69.1	11.0	73.9	12.1	75.9	12.5	77.7	12.6	79.5	12.7
	25	49.9	7.39	59.5	9.44	69.1	11.7	73.9	13.0	74.8	13.0	76.6	13.2	78.4	13.3
	27	49.9	7.89	59.5	10.1	69.1	12.6	72.8	13.5	73.7	13.6	75.5	13.7	77.3	13.8
	29	49.9	8.40	59.5	10.8	69.1	13.4	71.7	14.1	72.6	14.1	74.4	14.3	76.2	14.4
	31	49.9	8.95	59.5	11.5	69.1	14.3	70.6	14.6	71.5	14.7	73.3	14.8	75.1	15.0
	33	49.9	9.53	59.5	12.2	68.6	15.1	69.5	15.2	70.4	15.3	72.3	15.4	74.0	15.5
	35	49.9	10.1	59.5	13.0	67.6	15.7	68.5	15.7	69.4	15.8	71.2	16.0	73.0	16.1
	37	49.9	10.8	59.5	13.9	66.5	16.2	67.4	16.3	68.3	16.4	70.1	16.5	71.9	16.7
	39	49.9	11.5	59.5	14.8	65.4	16.8	66.3	16.9	67.2	16.9	69.0	17.1	70.8	17.3
100% (600)	10	45.3	5.39	54.1	6.53	62.8	7.74	67.2	8.36	71.6	8.99	80.3	10.3	85.0	10.6
	12	45.3	5.48	54.1	6.65	62.8	7.88	67.2	8.52	71.6	9.16	80.3	10.5	83.9	10.6
	14	45.3	5.58	54.1	6.77	62.8	8.03	67.2	8.68	71.6	9.34	80.3	10.7	82.8	10.5
	16	45.3	5.68	54.1	6.90	62.8	8.19	67.2	8.85	71.6	9.52	80.0	10.8	81.7	10.7
	18	45.3	5.78	54.1	7.03	62.8	8.35	67.2	9.02	71.6	9.71	78.9	11.2	80.6	11.2
	20	45.3	5.89	54.1	7.17	62.8	8.60	67.2	9.48	71.6	10.4	77.9	11.7	79.5	11.8
	21	45.3	5.95	54.1	7.24	62.8	8.90	67.2	9.82	71.6	10.8	77.3	12.0	78.9	12.1
	23	45.3	6.11	54.1	7.72	62.8	9.54	67.2	10.5	71.6	11.6	76.2	12.5	77.8	12.6
	25	45.3	6.52	54.1	8.25	62.8	10.2	67.2	11.3	71.6	12.4	75.1	13.1	76.8	13.2
	27	45.3	6.95	54.1	8.81	62.8	10.9	67.2	12.0	71.6	13.2	74.0	13.6	75.7	13.7
	29	45.3	7.40	54.1	9.40	62.8	11.6	67.2	12.9	71.3	14.1	72.9	14.2	74.6	14.3
	31	45.3	7.87	54.1	10.0	62.8	12.4	67.2	13.7	70.2	14.6	71.8	14.7	73.5	14.8
	33	45.3	8.37	54.1	10.7	62.8	13.3	67.2	14.7	69.1	15.1	70.7	15.3	72.4	15.4
	35	45.3	8.90	54.1	11.4	62.8	14.1	67.2	15.6	68.0	15.7	69.7	15.8	71.3	16.0
	37	45.3	9.45	54.1	12.1	62.8	15.1	66.1	16.2	66.9	16.3	68.6	16.4	70.2	16.5
	39	45.3	10.0	54.1	12.9	62.8	16.0	65.0	16.7	65.8	16.8	67.5	17.0	69.1	17.1
90% (540)	10	40.8	4.82	48.7	5.81	56.5	6.86	60.5	7.41	64.4	7.96	72.3	9.10	80.1	10.3
	12	40.8	4.90	48.7	5.92	56.5	6.99	60.5	7.54	64.4	8.11	72.3	9.27	80.1	10.4
	14	40.8	4.99	48.7	6.02	56.5	7.12	60.5	7.69	64.4	8.27	72.3	9.45	80.1	10.6
	16	40.8	5.07	48.7	6.14	56.5	7.26	60.5	7.84	64.4	8.43	72.3	9.63	80.0	10.8
	18	40.8	5.17	48.7	6.25	56.5	7.40	60.5	7.99	64.4	8.59	72.3	9.82	78.9	11.2
	20	40.8	5.26	48.7	6.37	56.5	7.55	60.5	8.15	64.4	8.91	72.3	10.6	77.8	11.7
	21	40.8	5.31	48.7	6.43	56.5	7.68	60.5	8.43	64.4	9.23	72.3	10.9	77.3	12.0
	23	40.8	5.41	48.7	6.70	56.5	8.21	60.5	9.03	64.4	9.89	72.3	11.7	76.2	12.5
	25	40.8	5.70	48.7	7.15	56.5	8.78	60.5	9.66	64.4	10.6	72.3	12.6	75.1	13.1
	27	40.8	6.07	48.7	7.63	56.5	9.38	60.5	10.3	64.4	11.3	72.3	13.4	74.0	13.6
	29	40.8	6.46	48.7	8.13	56.5	10.0	60.5	11.0	64.4	12.1	71.4	14.1	72.9	14.2
	31	40.8	6.86	48.7	8.66	56.5	10.7	60.5	11.8	64.4	12.9	70.3	14.6	71.8	14.7
	33	40.8	7.29	48.7	9.21	56.5	11.4	60.5	12.5	64.4	13.8	69.2	15.2	70.7	15.3
	35	40.8	7.74	48.7	9.80	56.5	12.1	60.5	13.4	64.4	14.7	68.2	15.7	69.6	15.8
	37	40.8	8.21	48.7	10.4	56.5	12.9	60.5	14.2	64.4	15.6	67.1	16.3	68.5	16.4
	39	40.8	8.72	48.7	11.1	56.5	13.7	60.5	15.1	64.4	16.6	66.0	16.8	67.4	17.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (480)	10	36.3	4.28	43.3	5.12	50.3	6.02	53.8	6.49	57.3	6.96	64.3	7.94	71.2	8.94
	12	36.3	4.35	43.3	5.21	50.3	6.13	53.8	6.60	57.3	7.09	64.3	8.09	71.2	9.11
	14	36.3	4.42	43.3	5.30	50.3	6.24	53.8	6.73	57.3	7.22	64.3	8.24	71.2	9.29
	16	36.3	4.49	43.3	5.40	50.3	6.36	53.8	6.85	57.3	7.36	64.3	8.40	71.2	9.47
	18	36.3	4.57	43.3	5.50	50.3	6.48	53.8	6.99	57.3	7.51	64.3	8.57	71.2	9.66
	20	36.3	4.65	43.3	5.60	50.3	6.60	53.8	7.12	57.3	7.65	64.3	8.88	71.2	10.3
	21	36.3	4.70	43.3	5.65	50.3	6.67	53.8	7.19	57.3	7.81	64.3	9.20	71.2	10.7
	23	36.3	4.78	43.3	5.76	50.3	6.99	53.8	7.66	57.3	8.36	64.3	9.86	71.2	11.5
	25	36.3	4.94	43.3	6.13	50.3	7.47	53.8	8.19	57.3	8.94	64.3	10.5	71.2	12.3
	27	36.3	5.25	43.3	6.54	50.3	7.97	53.8	8.74	57.3	9.55	64.3	11.3	71.2	13.1
	29	36.3	5.58	43.3	6.96	50.3	8.49	53.8	9.32	57.3	10.2	64.3	12.0	71.2	14.0
	31	36.3	5.93	43.3	7.40	50.3	9.04	53.8	9.93	57.3	10.9	64.3	12.8	70.1	14.6
	33	36.3	6.29	43.3	7.86	50.3	9.63	53.8	10.6	57.3	11.6	64.3	13.7	69.0	15.1
	35	36.3	6.67	43.3	8.36	50.3	10.2	53.8	11.3	57.3	12.3	64.3	14.6	68.0	15.7
	37	36.3	7.07	43.3	8.87	50.3	10.9	53.8	12.0	57.3	13.1	64.3	15.6	66.9	16.2
	39	36.3	7.49	43.3	9.42	50.3	11.6	53.8	12.7	57.3	14.0	64.3	16.6	65.8	16.8
70% (420)	10	31.7	3.76	37.9	4.47	44.0	5.21	47.0	5.60	50.1	6.00	56.2	6.82	62.3	7.67
	12	31.7	3.82	37.9	4.54	44.0	5.30	47.0	5.70	50.1	6.11	56.2	6.95	62.3	7.81
	14	31.7	3.88	37.9	4.61	44.0	5.40	47.0	5.80	50.1	6.22	56.2	7.08	62.3	7.96
	16	31.7	3.94	37.9	4.69	44.0	5.49	47.0	5.91	50.1	6.33	56.2	7.21	62.3	8.11
	18	31.7	4.01	37.9	4.78	44.0	5.59	47.0	6.02	50.1	6.45	56.2	7.35	62.3	8.27
	20	31.7	4.07	37.9	4.86	44.0	5.70	47.0	6.13	50.1	6.58	56.2	7.50	62.3	8.50
	21	31.7	4.11	37.9	4.91	44.0	5.75	47.0	6.19	50.1	6.65	56.2	7.62	62.3	8.81
	23	31.7	4.18	37.9	5.00	44.0	5.87	47.0	6.40	50.1	6.96	56.2	8.15	62.3	9.43
	25	31.7	4.26	37.9	5.20	44.0	6.26	47.0	6.84	50.1	7.44	56.2	8.71	62.3	10.1
	27	31.7	4.50	37.9	5.53	44.0	6.67	47.0	7.29	50.1	7.93	56.2	9.30	62.3	10.8
	29	31.7	4.77	37.9	5.88	44.0	7.11	47.0	7.76	50.1	8.45	56.2	9.93	62.3	11.5
	31	31.7	5.06	37.9	6.24	44.0	7.56	47.0	8.26	50.1	9.00	56.2	10.6	62.3	12.3
	33	31.7	5.36	37.9	6.63	44.0	8.03	47.0	8.79	50.1	9.58	56.2	11.3	62.3	13.1
	35	31.7	5.68	37.9	7.03	44.0	8.54	47.0	9.35	50.1	10.2	56.2	12.0	62.3	14.0
	37	31.7	6.01	37.9	7.46	44.0	9.07	47.0	9.93	50.1	10.8	56.2	12.8	62.3	14.9
	39	31.7	6.36	37.9	7.91	44.0	9.63	47.0	10.6	50.1	11.5	56.2	13.6	62.3	15.8
60% (360)	10	27.2	3.27	32.5	3.84	37.7	4.45	40.3	4.76	42.9	5.08	48.2	5.75	53.4	6.44
	12	27.2	3.32	32.5	3.90	37.7	4.52	40.3	4.84	42.9	5.17	48.2	5.85	53.4	6.56
	14	27.2	3.37	32.5	3.96	37.7	4.59	40.3	4.92	42.9	5.26	48.2	5.96	53.4	6.68
	16	27.2	3.42	32.5	4.03	37.7	4.67	40.3	5.01	42.9	5.36	48.2	6.07	53.4	6.81
	18	27.2	3.47	32.5	4.09	37.7	4.75	40.3	5.10	42.9	5.45	48.2	6.18	53.4	6.94
	20	27.2	3.52	32.5	4.16	37.7	4.84	40.3	5.19	42.9	5.56	48.2	6.30	53.4	7.08
	21	27.2	3.55	32.5	4.20	37.7	4.88	40.3	5.24	42.9	5.61	48.2	6.36	53.4	7.15
	23	27.2	3.61	32.5	4.27	37.7	4.98	40.3	5.34	42.9	5.72	48.2	6.61	53.4	7.60
	25	27.2	3.67	32.5	4.35	37.7	5.17	40.3	5.61	42.9	6.08	48.2	7.06	53.4	8.12
	27	27.2	3.80	32.5	4.61	37.7	5.50	40.3	5.98	42.9	6.47	48.2	7.53	53.4	8.66
	29	27.2	4.03	32.5	4.89	37.7	5.85	40.3	6.36	42.9	6.89	48.2	8.02	53.4	9.24
	31	27.2	4.27	32.5	5.19	37.7	6.21	40.3	6.76	42.9	7.33	48.2	8.54	53.4	9.85
	33	27.2	4.52	32.5	5.50	37.7	6.59	40.3	7.18	42.9	7.79	48.2	9.09	53.4	10.5
	35	27.2	4.77	32.5	5.83	37.7	6.99	40.3	7.62	42.9	8.27	48.2	9.66	53.4	11.2
	37	27.2	5.05	32.5	6.17	37.7	7.42	40.3	8.08	42.9	8.78	48.2	10.3	53.4	11.9
	39	27.2	5.33	32.5	6.53	37.7	7.86	40.3	8.58	42.9	9.32	48.2	10.9	53.4	12.6
50% (300)	10	22.7	2.81	27.0	3.26	31.4	3.73	33.6	3.97	35.8	4.22	40.2	4.74	44.5	5.28
	12	22.7	2.85	27.0	3.30	31.4	3.78	33.6	4.03	35.8	4.29	40.2	4.82	44.5	5.37
	14	22.7	2.89	27.0	3.35	31.4	3.84	33.6	4.10	35.8	4.36	40.2	4.90	44.5	5.47
	16	22.7	2.93	27.0	3.40	31.4	3.90	33.6	4.16	35.8	4.43	40.2	4.99	44.5	5.57
	18	22.7	2.97	27.0	3.45	31.4	3.97	33.6	4.23	35.8	4.51	40.2	5.08	44.5	5.67
	20	22.7	3.01	27.0	3.51	31.4	4.03	33.6	4.31	35.8	4.59	40.2	5.17	44.5	5.78
	21	22.7	3.03	27.0	3.53	31.4	4.07	33.6	4.34	35.8	4.63	40.2	5.22	44.5	5.83
	23	22.7	3.08	27.0	3.59	31.4	4.14	33.6	4.42	35.8	4.71	40.2	5.32	44.5	5.97
	25	22.7	3.12	27.0	3.65	31.4	4.21	33.6	4.51	35.8	4.86	40.2	5.59	44.5	6.36
	27	22.7	3.17	27.0	3.78	31.4	4.44	33.6	4.80	35.8	5.17	40.2	5.95	44.5	6.78
	29	22.7	3.36	27.0	4.01	31.4	4.72	33.6	5.10	35.8	5.49	40.2	6.33	44.5	7.22
	31	22.7	3.55	27.0	4.24	31.4	5.00	33.6	5.41	35.8	5.83	40.2	6.72	44.5	7.68
	33	22.7	3.75	27.0	4.49	31.4	5.30	33.6	5.73	35.8	6.18	40.2	7.14	44.5	8.17
	35	22.7	3.95	27.0	4.74	31.4	5.61	33.6	6.07	35.8	6.56	40.2	7.58	44.5	8.68
	37	22.7	4.17	27.0	5.01	31.4	5.94	33.6	6.43	35.8	6.95	40.2	8.04	44.5	9.22
	39	22.7	4.40	27.0	5.30	31.4	6.28	33.6	6.81	35.8	7.36	40.2	8.53	44.5	9.79

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ26THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (845)	10	63.9	8.15	76.2	9.98	88.5	11.9	91.7	12.1	92.8	11.9	95.1	11.4	97.4	10.9
	12	63.9	8.30	76.2	10.2	88.5	12.1	90.5	12.1	91.7	11.8	94.0	11.3	96.3	11.1
	14	63.9	8.46	76.2	10.4	88.2	12.2	89.3	12.0	90.5	11.7	92.8	11.6	95.1	11.8
	16	63.9	8.62	76.2	10.6	87.0	12.2	88.1	12.1	89.3	12.2	91.6	12.3	93.9	12.4
	18	63.9	8.79	76.2	10.8	85.8	12.7	87.0	12.7	88.1	12.8	90.4	12.9	92.7	13.0
	20	63.9	8.97	76.2	11.5	84.6	13.3	85.8	13.3	86.9	13.4	89.2	13.5	91.5	13.7
	21	63.9	9.22	76.2	11.9	84.0	13.6	85.2	13.6	86.3	13.7	88.6	13.9	90.9	14.0
	23	63.9	9.87	76.2	12.7	82.8	14.2	84.0	14.3	85.1	14.3	87.4	14.5	89.8	14.6
	25	63.9	10.6	76.2	13.6	81.7	14.8	82.8	14.9	84.0	15.0	86.3	15.1	88.6	15.3
	27	63.9	11.3	76.2	14.6	80.5	15.4	81.6	15.5	82.8	15.6	85.1	15.8	87.4	15.9
	29	63.9	12.0	76.2	15.6	79.3	16.1	80.4	16.2	81.6	16.2	83.9	16.4	86.2	16.6
	31	63.9	12.8	75.8	16.5	78.1	16.7	79.3	16.8	80.4	16.9	82.7	17.1	85.0	17.2
	33	63.9	13.7	74.6	17.1	76.9	17.3	78.1	17.4	79.2	17.5	81.5	17.7	83.8	17.9
	35	63.9	14.6	73.4	17.8	75.7	18.0	76.9	18.1	78.0	18.2	80.3	18.4	82.6	18.6
	37	63.9	15.5	72.2	18.4	74.5	18.6	75.7	18.7	76.9	18.8	79.2	19.0	81.5	19.2
	39	63.9	16.5	71.1	19.0	73.4	19.2	74.5	19.4	75.7	19.5	78.0	19.7	80.3	19.9
120% (780)	10	58.9	7.45	70.3	9.10	81.7	10.8	87.3	11.7	91.4	12.2	93.5	11.7	95.6	11.3
	12	58.9	7.58	70.3	9.27	81.7	11.0	87.3	11.9	90.2	12.1	92.3	11.7	94.5	11.2
	14	58.9	7.73	70.3	9.45	81.7	11.2	87.3	12.1	89.0	12.1	91.2	11.6	93.3	11.7
	16	58.9	7.87	70.3	9.63	81.7	11.5	86.8	12.2	87.8	12.1	90.0	12.2	92.1	12.3
	18	58.9	8.03	70.3	9.82	81.7	11.8	85.6	12.6	86.7	12.7	88.8	12.8	90.9	12.9
	20	58.9	8.18	70.3	10.2	81.7	12.7	84.4	13.3	85.5	13.3	87.6	13.4	89.7	13.6
	21	58.9	8.27	70.3	10.6	81.7	13.2	83.8	13.6	84.9	13.6	87.0	13.8	89.1	13.9
	23	58.9	8.83	70.3	11.3	81.6	14.1	82.6	14.2	83.7	14.3	85.8	14.4	87.9	14.5
	25	58.9	9.43	70.3	12.1	80.4	14.7	81.4	14.8	82.5	14.9	84.6	15.0	86.8	15.2
	27	58.9	10.1	70.3	13.0	79.2	15.4	80.3	15.4	81.3	15.5	83.5	15.7	85.6	15.8
	29	58.9	10.7	70.3	13.8	78.0	16.0	79.1	16.1	80.1	16.1	82.3	16.3	84.4	16.5
	31	58.9	11.4	70.3	14.8	76.8	16.6	77.9	16.7	79.0	16.8	81.1	16.9	83.2	17.1
	33	58.9	12.2	70.3	15.8	75.6	17.2	76.7	17.3	77.8	17.4	79.9	17.6	82.0	17.8
	35	58.9	13.0	70.3	16.8	74.5	17.9	75.5	17.9	76.6	18.0	78.7	18.2	80.8	18.4
	37	58.9	13.8	70.3	17.9	73.3	18.5	74.3	18.6	75.4	18.7	77.5	18.9	79.7	19.1
	39	58.9	14.7	70.0	18.9	72.1	19.1	73.2	19.2	74.2	19.3	76.3	19.5	78.5	19.7
110% (715)	10	54.0	6.76	64.4	8.24	74.9	9.78	80.1	10.6	85.3	11.4	91.9	12.1	93.8	11.7
	12	54.0	6.89	64.4	8.39	74.9	9.97	80.1	10.8	85.3	11.6	90.7	12.0	92.7	11.6
	14	54.0	7.01	64.4	8.55	74.9	10.2	80.1	11.0	85.3	11.8	89.5	12.0	91.5	11.6
	16	54.0	7.14	64.4	8.71	74.9	10.4	80.1	11.2	85.3	12.0	88.3	12.1	90.3	12.2
	18	54.0	7.28	64.4	8.88	74.9	10.6	80.1	11.5	85.2	12.6	87.2	12.7	89.1	12.8
	20	54.0	7.42	64.4	9.06	74.9	11.2	80.1	12.4	84.0	13.2	86.0	13.4	87.9	13.5
	21	54.0	7.49	64.4	9.34	74.9	11.6	80.1	12.8	83.4	13.5	85.4	13.7	87.3	13.8
	23	54.0	7.84	64.4	10.0	74.9	12.4	80.1	13.7	82.2	14.2	84.2	14.3	86.1	14.4
	25	54.0	8.38	64.4	10.7	74.9	13.3	80.1	14.7	81.1	14.8	83.0	14.9	85.0	15.0
	27	54.0	8.93	64.4	11.4	74.9	14.2	78.9	15.3	79.9	15.4	81.8	15.5	83.8	15.7
	29	54.0	9.52	64.4	12.2	74.9	15.2	77.7	16.0	78.7	16.0	80.6	16.2	82.6	16.3
	31	54.0	10.1	64.4	13.0	74.9	16.2	76.5	16.6	77.5	16.7	79.5	16.8	81.4	17.0
	33	54.0	10.8	64.4	13.9	74.4	17.1	75.3	17.2	76.3	17.3	78.3	17.4	80.2	17.6
	35	54.0	11.5	64.4	14.8	73.2	17.7	74.2	17.8	75.1	17.9	77.1	18.1	79.0	18.3
	37	54.0	12.2	64.4	15.7	72.0	18.4	73.0	18.5	74.0	18.5	75.9	18.7	77.9	18.9
	39	54.0	13.0	64.4	16.7	70.8	19.0	71.8	19.1	72.8	19.2	74.7	19.4	76.7	19.6
100% (650)	10	49.1	6.10	58.6	7.40	68.1	8.77	72.8	9.47	77.5	10.2	87.0	11.6	92.0	12.0
	12	49.1	6.21	58.6	7.53	68.1	8.93	72.8	9.65	77.5	10.4	87.0	11.9	90.8	12.0
	14	49.1	6.32	58.6	7.67	68.1	9.10	72.8	9.83	77.5	10.6	87.0	12.1	89.7	11.9
	16	49.1	6.43	58.6	7.82	68.1	9.28	72.8	10.0	77.5	10.8	86.7	12.2	88.5	12.1
	18	49.1	6.55	58.6	7.97	68.1	9.46	72.8	10.2	77.5	11.0	85.5	12.6	87.3	12.7
	20	49.1	6.68	58.6	8.13	68.1	9.74	72.8	10.7	77.5	11.8	84.3	13.3	86.1	13.4
	21	49.1	6.74	58.6	8.21	68.1	10.1	72.8	11.1	77.5	12.2	83.7	13.6	85.5	13.7
	23	49.1	6.92	58.6	8.75	68.1	10.8	72.8	11.9	77.5	13.1	82.6	14.2	84.3	14.3
	25	49.1	7.38	58.6	9.35	68.1	11.6	72.8	12.8	77.5	14.0	81.4	14.8	83.2	14.9
	27	49.1	7.87	58.6	9.98	68.1	12.4	72.8	13.6	77.5	15.0	80.2	15.4	82.0	15.6
	29	49.1	8.38	58.6	10.6	68.1	13.2	72.8	14.6	77.2	15.9	79.0	16.1	80.8	16.2
	31	49.1	8.92	58.6	11.3	68.1	14.1	72.8	15.6	76.1	16.5	77.8	16.7	79.6	16.8
	33	49.1	9.48	58.6	12.1	68.1	15.0	72.8	16.6	74.9	17.2	76.6	17.3	78.4	17.5
	35	49.1	10.1	58.6	12.9	68.1	16.0	72.8	17.7	73.7	17.8	75.5	17.9	77.2	18.1
	37	49.1	10.7	58.6	13.7	68.1	17.1	71.6	18.3	72.5	18.4	74.3	18.6	76.0	18.7
	39	49.1	11.4	58.6	14.6	68.1	18.2	70.4	19.0	71.3	19.0	73.1	19.2	74.9	19.4
90% (585)	10	44.2	5.46	52.7	6.59	61.3	7.78	65.5	8.39	69.8	9.02	78.3	10.3	86.8	11.6
	12	44.2	5.55	52.7	6.70	61.3	7.92	65.5	8.55	69.8	9.19	78.3	10.5	86.8	11.8
	14	44.2	5.65	52.7	6.82	61.3	8.07	65.5	8.71	69.8	9.36	78.3	10.7	86.8	12.1
	16	44.2	5.75	52.7	6.95	61.3	8.22	65.5	8.88	69.8	9.55	78.3	10.9	86.7	12.3
	18	44.2	5.85	52.7	7.08	61.3	8.38	65.5	9.05	69.8	9.74	78.3	11.1	85.5	12.6
	20	44.2	5.96	52.7	7.22	61.3	8.55	65.5	9.23	69.8	10.1	78.3	12.0	84.3	13.3
	21	44.2	6.02	52.7	7.29	61.3	8.70	65.5	9.56	69.8	10.5	78.3	12.4	83.7	13.6
	23	44.2	6.13	52.7	7.59	61.3	9.31	65.5	10.2	69.8	11.2	78.3	13.3	82.5	14.2
	25	44.2	6.46	52.7	8.11	61.3	9.95	65.5	10.9	69.8	12.0	78.3	14.2	81.3	14.8
	27	44.2	6.87	52.7	8.64	61.3	10.6	65.5	11.7	69.8	12.8	78.3	15.2	80.2	15.4
	29	44.2	7.31	52.7	9.21	61.3	11.3	65.5	12.5	69.8	13.7	77.4	15.9	79.0	16.0
	31	44.2	7.77	52.7	9.81	61.3	12.1	65.5	13.3	69.8	14.6	76.2	16.6	77.8	16.7
	33	44.2	8.26	52.7	10.4	61.3	12.9	65.5	14.2	69.8	15.6	75.0	17.2	76.6	17.3
	35	44.2	8.77	52.7	11.1	61.3	13.7	65.5	15.1	69.8	16.6	73.8	17.8	75.4	17.9
	37	44.2	9.31	52.7	11.8	61.3	14.6	65.5	16.1	69.8	17.7	72.6	18.4	74.2	18.6
	39	44.2	9.87	52.7	12.5	61.3	15.5	65.5	17.2	69.8	18.9	71.5	19.1	73.1	19.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (520)	10	39.3	4.85	46.9	5.80	54.4	6.82	58.2	7.35	62.0	7.89	69.6	9.00	77.2	10.1
	12	39.3	4.93	46.9	5.90	54.4	6.94	58.2	7.48	62.0	8.03	69.6	9.16	77.2	10.3
	14	39.3	5.01	46.9	6.01	54.4	7.07	58.2	7.62	62.0	8.18	69.6	9.34	77.2	10.5
	16	39.3	5.09	46.9	6.12	54.4	7.20	58.2	7.76	62.0	8.34	69.6	9.52	77.2	10.7
	18	39.3	5.18	46.9	6.23	54.4	7.34	58.2	7.91	62.0	8.50	69.6	9.71	77.2	10.9
	20	39.3	5.27	46.9	6.35	54.4	7.48	58.2	8.07	62.0	8.67	69.6	10.1	77.2	11.7
	21	39.3	5.32	46.9	6.41	54.4	7.56	58.2	8.15	62.0	8.85	69.6	10.4	77.2	12.1
	23	39.3	5.42	46.9	6.53	54.4	7.92	58.2	8.68	62.0	9.47	69.6	11.2	77.2	13.0
	25	39.3	5.59	46.9	6.95	54.4	8.46	58.2	9.27	62.0	10.1	69.6	11.9	77.2	13.9
	27	39.3	5.95	46.9	7.40	54.4	9.03	58.2	9.90	62.0	10.8	69.6	12.8	77.2	14.9
	29	39.3	6.32	46.9	7.88	54.4	9.62	58.2	10.6	62.0	11.5	69.6	13.6	77.2	15.9
	31	39.3	6.71	46.9	8.38	54.4	10.2	58.2	11.3	62.0	12.3	69.6	14.6	76.0	16.5
	33	39.3	7.12	46.9	8.91	54.4	10.9	58.2	12.0	62.0	13.1	69.6	15.5	74.8	17.2
	35	39.3	7.56	46.9	9.47	54.4	11.6	58.2	12.8	62.0	14.0	69.6	16.6	73.6	17.8
	37	39.3	8.01	46.9	10.1	54.4	12.3	58.2	13.6	62.0	14.9	69.6	17.6	72.4	18.4
	39	39.3	8.49	46.9	10.7	54.4	13.1	58.2	14.4	62.0	15.8	69.6	18.8	71.3	19.0
70% (455)	10	34.4	4.26	41.0	5.06	47.6	5.91	51.0	6.35	54.3	6.80	60.9	7.73	67.5	8.69
	12	34.4	4.33	41.0	5.14	47.6	6.01	51.0	6.46	54.3	6.92	60.9	7.87	67.5	8.85
	14	34.4	4.40	41.0	5.23	47.6	6.11	51.0	6.57	54.3	7.05	60.9	8.02	67.5	9.02
	16	34.4	4.47	41.0	5.32	47.6	6.22	51.0	6.69	54.3	7.18	60.9	8.17	67.5	9.19
	18	34.4	4.54	41.0	5.41	47.6	6.34	51.0	6.82	54.3	7.31	60.9	8.33	67.5	9.37
	20	34.4	4.62	41.0	5.51	47.6	6.46	51.0	6.95	54.3	7.46	60.9	8.49	67.5	9.64
	21	34.4	4.65	41.0	5.56	47.6	6.52	51.0	7.02	54.3	7.53	60.9	8.63	67.5	9.98
	23	34.4	4.74	41.0	5.66	47.6	6.65	51.0	7.26	54.3	7.89	60.9	9.23	67.5	10.7
	25	34.4	4.82	41.0	5.89	47.6	7.10	51.0	7.74	54.3	8.42	60.9	9.87	67.5	11.4
	27	34.4	5.10	41.0	6.26	47.6	7.56	51.0	8.26	54.3	8.99	60.9	10.5	67.5	12.2
	29	34.4	5.41	41.0	6.66	47.6	8.05	51.0	8.80	54.3	9.58	60.9	11.2	67.5	13.0
	31	34.4	5.73	41.0	7.07	47.6	8.56	51.0	9.36	54.3	10.2	60.9	12.0	67.5	13.9
	33	34.4	6.08	41.0	7.51	47.6	9.10	51.0	9.96	54.3	10.9	60.9	12.8	67.5	14.8
	35	34.4	6.44	41.0	7.97	47.6	9.67	51.0	10.6	54.3	11.6	60.9	13.6	67.5	15.8
	37	34.4	6.81	41.0	8.45	47.6	10.3	51.0	11.3	54.3	12.3	60.9	14.5	67.5	16.9
	39	34.4	7.21	41.0	8.96	47.6	10.9	51.0	12.0	54.3	13.1	60.9	15.4	67.5	18.0
60% (390)	10	29.5	3.71	35.2	4.35	40.8	5.04	43.7	5.39	46.5	5.76	52.2	6.52	57.9	7.30
	12	29.5	3.76	35.2	4.42	40.8	5.12	43.7	5.48	46.5	5.86	52.2	6.63	57.9	7.43
	14	29.5	3.82	35.2	4.49	40.8	5.20	43.7	5.58	46.5	5.96	52.2	6.75	57.9	7.57
	16	29.5	3.87	35.2	4.56	40.8	5.29	43.7	5.68	46.5	6.07	52.2	6.88	57.9	7.71
	18	29.5	3.93	35.2	4.64	40.8	5.39	43.7	5.78	46.5	6.18	52.2	7.01	57.9	7.86
	20	29.5	3.99	35.2	4.72	40.8	5.48	43.7	5.88	46.5	6.29	52.2	7.14	57.9	8.02
	21	29.5	4.03	35.2	4.76	40.8	5.53	43.7	5.94	46.5	6.35	52.2	7.21	57.9	8.10
	23	29.5	4.09	35.2	4.84	40.8	5.64	43.7	6.05	46.5	6.48	52.2	7.49	57.9	8.61
	25	29.5	4.16	35.2	4.93	40.8	5.86	43.7	6.36	46.5	6.88	52.2	8.00	57.9	9.20
	27	29.5	4.31	35.2	5.22	40.8	6.23	43.7	6.77	46.5	7.33	52.2	8.53	57.9	9.82
	29	29.5	4.57	35.2	5.55	40.8	6.62	43.7	7.20	46.5	7.81	52.2	9.09	57.9	10.5
	31	29.5	4.84	35.2	5.88	40.8	7.04	43.7	7.65	46.5	8.30	52.2	9.68	57.9	11.2
	33	29.5	5.12	35.2	6.23	40.8	7.47	43.7	8.13	46.5	8.82	52.2	10.3	57.9	11.9
	35	29.5	5.41	35.2	6.60	40.8	7.92	43.7	8.63	46.5	9.37	52.2	10.9	57.9	12.6
	37	29.5	5.72	35.2	6.99	40.8	8.40	43.7	9.16	46.5	9.95	52.2	11.6	57.9	13.5
	39	29.5	6.04	35.2	7.40	40.8	8.91	43.7	9.72	46.5	10.6	52.2	12.4	57.9	14.3
50% (325)	10	24.6	3.19	29.3	3.69	34.0	4.22	36.4	4.50	38.8	4.78	43.5	5.37	48.2	5.98
	12	24.6	3.23	29.3	3.74	34.0	4.29	36.4	4.57	38.8	4.86	43.5	5.46	48.2	6.09
	14	24.6	3.27	29.3	3.80	34.0	4.35	36.4	4.64	38.8	4.94	43.5	5.56	48.2	6.20
	16	24.6	3.32	29.3	3.85	34.0	4.42	36.4	4.72	38.8	5.02	43.5	5.65	48.2	6.31
	18	24.6	3.36	29.3	3.91	34.0	4.49	36.4	4.80	38.8	5.11	43.5	5.75	48.2	6.42
	20	24.6	3.41	29.3	3.97	34.0	4.57	36.4	4.88	38.8	5.20	43.5	5.86	48.2	6.55
	21	24.6	3.43	29.3	4.00	34.0	4.61	36.4	4.92	38.8	5.25	43.5	5.91	48.2	6.61
	23	24.6	3.49	29.3	4.07	34.0	4.69	36.4	5.01	38.8	5.34	43.5	6.03	48.2	6.76
	25	24.6	3.54	29.3	4.14	34.0	4.77	36.4	5.11	38.8	5.50	43.5	6.33	48.2	7.21
	27	24.6	3.60	29.3	4.28	34.0	5.04	36.4	5.44	38.8	5.85	43.5	6.74	48.2	7.68
	29	24.6	3.80	29.3	4.54	34.0	5.34	36.4	5.77	38.8	6.22	43.5	7.17	48.2	8.18
	31	24.6	4.02	29.3	4.80	34.0	5.67	36.4	6.12	38.8	6.60	43.5	7.62	48.2	8.70
	33	24.6	4.24	29.3	5.08	34.0	6.00	36.4	6.49	38.8	7.01	43.5	8.09	48.2	9.25
	35	24.6	4.48	29.3	5.37	34.0	6.36	36.4	6.88	38.8	7.43	43.5	8.59	48.2	9.83
	37	24.6	4.72	29.3	5.68	34.0	6.73	36.4	7.29	38.8	7.87	43.5	9.11	48.2	10.4
	39	24.6	4.98	29.3	6.00	34.0	7.12	36.4	7.72	38.8	8.34	43.5	9.67	48.2	11.1

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ28THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (910)	10	68.7	8.94	81.9	10.9	95.2	13.0	98.6	13.3	99.9	13.0	102	12.5	105	11.9
	12	68.7	9.11	81.9	11.2	95.2	13.3	97.3	13.2	98.6	13.0	101	12.4	104	12.2
	14	68.7	9.28	81.9	11.4	94.8	13.4	96.1	13.2	97.3	12.9	99.8	12.8	102	12.9
	16	68.7	9.46	81.9	11.6	93.6	13.4	94.8	13.3	96.0	13.3	98.5	13.5	101	13.6
	18	68.7	9.64	81.9	11.8	92.3	13.9	93.5	14.0	94.8	14.0	97.2	14.2	99.7	14.3
	20	68.7	9.84	81.9	12.6	91.0	14.6	92.2	14.6	93.5	14.7	96.0	14.9	98.4	15.0
	21	68.7	10.1	81.9	13.0	90.4	14.9	91.6	15.0	92.8	15.1	95.3	15.2	97.8	15.3
	23	68.7	10.8	81.9	14.0	89.1	15.6	90.3	15.7	91.6	15.7	94.1	15.9	96.5	16.1
	25	68.7	11.6	81.9	15.0	87.8	16.3	89.1	16.3	90.3	16.4	92.8	16.6	95.3	16.8
	27	68.7	12.4	81.9	16.0	86.5	16.9	87.8	17.0	89.0	17.1	91.5	17.3	94.0	17.5
	29	68.7	13.2	81.9	17.1	85.3	17.6	86.5	17.7	87.8	17.8	90.2	18.0	92.7	18.2
	31	68.7	14.1	81.5	18.1	84.0	18.3	85.2	18.4	86.5	18.5	89.0	18.7	91.4	18.9
	33	68.7	15.0	80.3	18.8	82.7	19.0	84.0	19.1	85.2	19.2	87.7	19.4	90.2	19.7
	35	68.7	16.0	79.0	19.5	81.5	19.7	82.7	19.8	83.9	19.9	86.4	20.2	88.9	20.4
	37	68.7	17.0	77.7	20.2	80.2	20.4	81.4	20.5	82.7	20.6	85.1	20.9	87.6	21.1
	39	68.7	18.1	76.4	20.9	78.9	21.1	80.1	21.2	81.4	21.4	83.9	21.6	86.3	21.9
120% (840)	10	63.4	8.17	75.6	9.98	87.8	11.9	93.9	12.8	98.3	13.4	101	12.9	103	12.4
	12	63.4	8.32	75.6	10.2	87.8	12.1	93.9	13.1	97.0	13.3	99.3	12.8	102	12.3
	14	63.4	8.48	75.6	10.4	87.8	12.3	93.9	13.3	95.7	13.2	98.0	12.7	100	12.8
	16	63.4	8.64	75.6	10.6	87.8	12.6	93.3	13.4	94.5	13.3	96.8	13.4	99.0	13.5
	18	63.4	8.80	75.6	10.8	87.8	13.0	92.1	13.9	93.2	13.9	95.5	14.1	97.8	14.2
	20	63.4	8.98	75.6	11.2	87.8	14.0	90.8	14.5	91.9	14.6	94.2	14.7	96.5	14.9
	21	63.4	9.07	75.6	11.6	87.8	14.5	90.1	14.9	91.3	15.0	93.6	15.1	95.9	15.2
	23	63.4	9.68	75.6	12.4	87.7	15.5	88.9	15.6	90.0	15.6	92.3	15.8	94.6	15.9
	25	63.4	10.3	75.6	13.3	86.5	16.2	87.6	16.2	88.7	16.3	91.0	16.5	93.3	16.6
	27	63.4	11.0	75.6	14.2	85.2	16.8	86.3	16.9	87.5	17.0	89.8	17.2	92.0	17.3
	29	63.4	11.8	75.6	15.2	83.9	17.5	85.0	17.6	86.2	17.7	88.5	17.9	90.8	18.1
	31	63.4	12.6	75.6	16.2	82.6	18.2	83.8	18.3	84.9	18.4	87.2	18.6	89.5	18.8
	33	63.4	13.4	75.6	17.3	81.4	18.9	82.5	19.0	83.6	19.1	85.9	19.3	88.2	19.5
	35	63.4	14.2	75.6	18.4	80.1	19.6	81.2	19.7	82.4	19.8	84.7	20.0	86.9	20.2
	37	63.4	15.2	75.6	19.6	78.8	20.3	80.0	20.4	81.1	20.5	83.4	20.7	85.7	20.9
	39	63.4	16.1	75.3	20.7	77.5	21.0	78.7	21.1	79.8	21.2	82.1	21.4	84.4	21.7
110% (770)	10	58.1	7.42	69.3	9.04	80.5	10.7	86.1	11.6	91.7	12.5	98.8	13.3	101	12.8
	12	58.1	7.55	69.3	9.20	80.5	10.9	86.1	11.8	91.7	12.7	97.6	13.2	99.7	12.7
	14	58.1	7.69	69.3	9.38	80.5	11.1	86.1	12.0	91.7	13.0	96.3	13.1	98.4	12.7
	16	58.1	7.84	69.3	9.56	80.5	11.4	86.1	12.3	91.7	13.2	95.0	13.3	97.1	13.4
	18	58.1	7.98	69.3	9.75	80.5	11.6	86.1	12.6	91.6	13.9	93.7	14.0	95.8	14.1
	20	58.1	8.14	69.3	9.94	80.5	12.3	86.1	13.6	90.4	14.5	92.5	14.6	94.6	14.8
	21	58.1	8.22	69.3	10.2	80.5	12.7	86.1	14.1	89.7	14.9	91.8	15.0	93.9	15.1
	23	58.1	8.60	69.3	11.0	80.5	13.6	86.1	15.1	88.5	15.5	90.6	15.7	92.6	15.8
	25	58.1	9.19	69.3	11.7	80.5	14.6	86.1	16.1	87.2	16.2	89.3	16.4	91.4	16.5
	27	58.1	9.80	69.3	12.5	80.5	15.6	84.9	16.8	85.9	16.9	88.0	17.1	90.1	17.2
	29	58.1	10.4	69.3	13.4	80.5	16.7	83.6	17.5	84.6	17.6	86.7	17.7	88.8	17.9
	31	58.1	11.1	69.3	14.3	80.5	17.8	82.3	18.2	83.4	18.3	85.5	18.4	87.6	18.6
	33	58.1	11.8	69.3	15.2	80.0	18.8	81.0	18.9	82.1	19.0	84.2	19.1	86.3	19.3
	35	58.1	12.6	69.3	16.2	78.7	19.5	79.8	19.6	80.8	19.7	82.9	19.8	85.0	20.0
	37	58.1	13.4	69.3	17.3	77.4	20.2	78.5	20.3	79.5	20.4	81.6	20.6	83.7	20.7
	39	58.1	14.2	69.3	18.4	76.2	20.8	77.2	20.9	78.3	21.1	80.4	21.3	82.5	21.5
100% (700)	10	52.8	6.69	63.0	8.12	73.2	9.62	78.3	10.4	83.4	11.2	93.6	12.8	99.0	13.2
	12	52.8	6.81	63.0	8.26	73.2	9.80	78.3	10.6	83.4	11.4	93.6	13.0	97.7	13.1
	14	52.8	6.93	63.0	8.42	73.2	9.98	78.3	10.8	83.4	11.6	93.6	13.3	96.4	13.1
	16	52.8	7.06	63.0	8.58	73.2	10.2	78.3	11.0	83.4	11.8	93.3	13.4	95.2	13.3
	18	52.8	7.19	63.0	8.74	73.2	10.4	78.3	11.2	83.4	12.1	92.0	13.9	93.9	14.0
	20	52.8	7.33	63.0	8.92	73.2	10.7	78.3	11.8	83.4	12.9	90.7	14.5	92.6	14.7
	21	52.8	7.40	63.0	9.01	73.2	11.1	78.3	12.2	83.4	13.4	90.1	14.9	92.0	15.0
	23	52.8	7.59	63.0	9.60	73.2	11.9	78.3	13.1	83.4	14.4	88.8	15.6	90.7	15.7
	25	52.8	8.10	63.0	10.3	73.2	12.7	78.3	14.0	83.4	15.4	87.5	16.2	89.4	16.4
	27	52.8	8.63	63.0	11.0	73.2	13.6	78.3	15.0	83.4	16.5	86.3	16.9	88.2	17.1
	29	52.8	9.19	63.0	11.7	73.2	14.5	78.3	16.0	83.1	17.5	85.0	17.6	86.9	17.8
	31	52.8	9.78	63.0	12.4	73.2	15.4	78.3	17.1	81.8	18.1	83.7	18.3	85.6	18.5
	33	52.8	10.4	63.0	13.3	73.2	16.5	78.3	18.2	80.5	18.8	82.4	19.0	84.3	19.2
	35	52.8	11.1	63.0	14.1	73.2	17.6	78.3	19.4	79.3	19.5	81.2	19.7	83.1	19.9
	37	52.8	11.7	63.0	15.0	73.2	18.7	77.0	20.1	78.0	20.2	79.9	20.4	81.8	20.6
	39	52.8	12.5	63.0	16.0	73.2	19.9	75.8	20.8	76.7	20.9	78.6	21.1	80.5	21.3
90% (630)	10	47.6	5.99	56.7	7.23	65.9	8.53	70.5	9.21	75.1	9.90	84.2	11.3	93.4	12.7
	12	47.6	6.09	56.7	7.35	65.9	8.69	70.5	9.38	75.1	10.1	84.2	11.5	93.4	13.0
	14	47.6	6.20	56.7	7.49	65.9	8.85	70.5	9.56	75.1	10.3	84.2	11.7	93.4	13.2
	16	47.6	6.31	56.7	7.63	65.9	9.02	70.5	9.74	75.1	10.5	84.2	12.0	93.2	13.4
	18	47.6	6.42	56.7	7.77	65.9	9.20	70.5	9.93	75.1	10.7	84.2	12.2	91.9	13.9
	20	47.6	6.54	56.7	7.92	65.9	9.38	70.5	10.1	75.1	11.1	84.2	13.1	90.7	14.5
	21	47.6	6.60	56.7	8.00	65.9	9.54	70.5	10.5	75.1	11.5	84.2	13.6	90.0	14.9
	23	47.6	6.73	56.7	8.33	65.9	10.2	70.5	11.2	75.1	12.3	84.2	14.6	88.8	15.6
	25	47.6	7.08	56.7	8.89	65.9	10.9	70.5	12.0	75.1	13.2	84.2	15.6	87.5	16.2
	27	47.6	7.54	56.7	9.48	65.9	11.7	70.5	12.8	75.1	14.1	84.2	16.7	86.2	16.9
	29	47.6	8.02	56.7	10.1	65.9	12.4	70.5	13.7	75.1	15.0	83.2	17.5	84.9	17.6
	31	47.6	8.53	56.7	10.8	65.9	13.3	70.5	14.6	75.1	16.0	82.0	18.2	83.7	18.3
	33	47.6	9.06	56.7	11.4	65.9	14.1	70.5	15.6	75.1	17.1	80.7	18.8	82.4	19.0
	35	47.6	9.62	56.7	12.2	65.9	15.0	70.5	16.6	75.1	18.2	79.4	19.5	81.1	19.7
	37	47.6	10.2	56.7	12.9	65.9	16.0	70.5	17.7	75.1	19.4	78.1	20.2	79.8	20.4
	39	47.6	10.8	56.7	13.8	65.9	17.0	70.5	18.8	75.1	20.7	76.9	20.9	78.6	21.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (560)	10	42.3	5.32	50.4	6.37	58.6	7.48	62.6	8.06	66.7	8.65	74.9	9.87	83.0	11.1
	12	42.3	5.40	50.4	6.48	58.6	7.62	62.6	8.21	66.7	8.81	74.9	10.1	83.0	11.3
	14	42.3	5.49	50.4	6.59	58.6	7.76	62.6	8.36	66.7	8.98	74.9	10.2	83.0	11.5
	16	42.3	5.59	50.4	6.71	58.6	7.90	62.6	8.52	66.7	9.15	74.9	10.4	83.0	11.8
	18	42.3	5.68	50.4	6.83	58.6	8.05	62.6	8.68	66.7	9.33	74.9	10.7	83.0	12.0
	20	42.3	5.78	50.4	6.96	58.6	8.21	62.6	8.85	66.7	9.51	74.9	11.0	83.0	12.8
	21	42.3	5.84	50.4	7.03	58.6	8.29	62.6	8.94	66.7	9.71	74.9	11.4	83.0	13.3
	23	42.3	5.94	50.4	7.16	58.6	8.69	62.6	9.52	66.7	10.4	74.9	12.3	83.0	14.3
	25	42.3	6.14	50.4	7.63	58.6	9.28	62.6	10.2	66.7	11.1	74.9	13.1	83.0	15.3
	27	42.3	6.53	50.4	8.12	58.6	9.90	62.6	10.9	66.7	11.9	74.9	14.0	83.0	16.3
	29	42.3	6.94	50.4	8.65	58.6	10.6	62.6	11.6	66.7	12.7	74.9	15.0	83.0	17.5
	31	42.3	7.37	50.4	9.20	58.6	11.2	62.6	12.3	66.7	13.5	74.9	16.0	81.7	18.1
	33	42.3	7.82	50.4	9.78	58.6	12.0	62.6	13.1	66.7	14.4	74.9	17.0	80.5	18.8
	35	42.3	8.29	50.4	10.4	58.6	12.7	62.6	14.0	66.7	15.3	74.9	18.2	79.2	19.5
	37	42.3	8.79	50.4	11.0	58.6	13.5	62.6	14.9	66.7	16.3	74.9	19.4	77.9	20.2
	39	42.3	9.31	50.4	11.7	58.6	14.4	62.6	15.8	66.7	17.4	74.9	20.6	76.6	20.9
70% (490)	10	37.0	4.68	44.1	5.55	51.2	6.48	54.8	6.96	58.4	7.46	65.5	8.48	72.6	9.53
	12	37.0	4.75	44.1	5.64	51.2	6.59	54.8	7.08	58.4	7.59	65.5	8.63	72.6	9.71
	14	37.0	4.82	44.1	5.74	51.2	6.71	54.8	7.21	58.4	7.73	65.5	8.80	72.6	9.89
	16	37.0	4.90	44.1	5.83	51.2	6.83	54.8	7.34	58.4	7.87	65.5	8.96	72.6	10.1
	18	37.0	4.98	44.1	5.94	51.2	6.95	54.8	7.48	58.4	8.02	65.5	9.14	72.6	10.3
	20	37.0	5.06	44.1	6.04	51.2	7.08	54.8	7.63	58.4	8.18	65.5	9.32	72.6	10.6
	21	37.0	5.11	44.1	6.10	51.2	7.15	54.8	7.70	58.4	8.26	65.5	9.47	72.6	10.9
	23	37.0	5.20	44.1	6.21	51.2	7.30	54.8	7.96	58.4	8.65	65.5	10.1	72.6	11.7
	25	37.0	5.29	44.1	6.46	51.2	7.79	54.8	8.50	58.4	9.24	65.5	10.8	72.6	12.5
	27	37.0	5.59	44.1	6.87	51.2	8.30	54.8	9.06	58.4	9.86	65.5	11.6	72.6	13.4
	29	37.0	5.93	44.1	7.31	51.2	8.83	54.8	9.65	58.4	10.5	65.5	12.3	72.6	14.3
	31	37.0	6.29	44.1	7.76	51.2	9.39	54.8	10.3	58.4	11.2	65.5	13.2	72.6	15.3
	33	37.0	6.67	44.1	8.24	51.2	9.99	54.8	10.9	58.4	11.9	65.5	14.0	72.6	16.3
	35	37.0	7.06	44.1	8.74	51.2	10.6	54.8	11.6	58.4	12.7	65.5	14.9	72.6	17.4
	37	37.0	7.47	44.1	9.27	51.2	11.3	54.8	12.3	58.4	13.5	65.5	15.9	72.6	18.5
	39	37.0	7.91	44.1	9.83	51.2	12.0	54.8	13.1	58.4	14.3	65.5	16.9	72.6	19.7
60% (420)	10	31.7	4.07	37.8	4.77	43.9	5.53	47.0	5.92	50.0	6.32	56.2	7.15	62.3	8.01
	12	31.7	4.13	37.8	4.85	43.9	5.62	47.0	6.02	50.0	6.43	56.2	7.27	62.3	8.15
	14	31.7	4.19	37.8	4.92	43.9	5.71	47.0	6.12	50.0	6.54	56.2	7.41	62.3	8.30
	16	31.7	4.25	37.8	5.00	43.9	5.81	47.0	6.23	50.0	6.66	56.2	7.54	62.3	8.46
	18	31.7	4.31	37.8	5.09	43.9	5.91	47.0	6.34	50.0	6.78	56.2	7.69	62.3	8.62
	20	31.7	4.38	37.8	5.17	43.9	6.02	47.0	6.45	50.0	6.90	56.2	7.83	62.3	8.79
	21	31.7	4.42	37.8	5.22	43.9	6.07	47.0	6.51	50.0	6.97	56.2	7.91	62.3	8.88
	23	31.7	4.49	37.8	5.31	43.9	6.18	47.0	6.64	50.0	7.11	56.2	8.22	62.3	9.44
	25	31.7	4.56	37.8	5.41	43.9	6.43	47.0	6.98	50.0	7.55	56.2	8.77	62.3	10.1
	27	31.7	4.73	37.8	5.73	43.9	6.84	47.0	7.43	50.0	8.05	56.2	9.36	62.3	10.8
	29	31.7	5.01	37.8	6.08	43.9	7.27	47.0	7.90	50.0	8.56	56.2	9.97	62.3	11.5
	31	31.7	5.31	37.8	6.45	43.9	7.72	47.0	8.40	50.0	9.11	56.2	10.6	62.3	12.2
	33	31.7	5.61	37.8	6.84	43.9	8.19	47.0	8.92	50.0	9.68	56.2	11.3	62.3	13.0
	35	31.7	5.94	37.8	7.25	43.9	8.69	47.0	9.47	50.0	10.3	56.2	12.0	62.3	13.9
	37	31.7	6.27	37.8	7.67	43.9	9.22	47.0	10.0	50.0	10.9	56.2	12.8	62.3	14.8
	39	31.7	6.63	37.8	8.12	43.9	9.77	47.0	10.7	50.0	11.6	56.2	13.6	62.3	15.7
50% (350)	10	26.4	3.50	31.5	4.05	36.6	4.63	39.1	4.93	41.7	5.25	46.8	5.89	51.9	6.56
	12	26.4	3.54	31.5	4.10	36.6	4.70	39.1	5.01	41.7	5.33	46.8	5.99	51.9	6.68
	14	26.4	3.59	31.5	4.16	36.6	4.77	39.1	5.09	41.7	5.42	46.8	6.09	51.9	6.80
	16	26.4	3.64	31.5	4.23	36.6	4.85	39.1	5.18	41.7	5.51	46.8	6.20	51.9	6.92
	18	26.4	3.69	31.5	4.29	36.6	4.93	39.1	5.26	41.7	5.61	46.8	6.31	51.9	7.05
	20	26.4	3.74	31.5	4.36	36.6	5.01	39.1	5.35	41.7	5.70	46.8	6.43	51.9	7.18
	21	26.4	3.77	31.5	4.39	36.6	5.06	39.1	5.40	41.7	5.76	46.8	6.49	51.9	7.25
	23	26.4	3.82	31.5	4.46	36.6	5.14	39.1	5.50	41.7	5.86	46.8	6.61	51.9	7.42
	25	26.4	3.88	31.5	4.54	36.6	5.23	39.1	5.61	41.7	6.04	46.8	6.94	51.9	7.91
	27	26.4	3.95	31.5	4.70	36.6	5.52	39.1	5.96	41.7	6.42	46.8	7.39	51.9	8.43
	29	26.4	4.17	31.5	4.98	36.6	5.86	39.1	6.33	41.7	6.82	46.8	7.86	51.9	8.98
	31	26.4	4.41	31.5	5.27	36.6	6.22	39.1	6.72	41.7	7.24	46.8	8.36	51.9	9.55
	33	26.4	4.66	31.5	5.58	36.6	6.59	39.1	7.12	41.7	7.69	46.8	8.88	51.9	10.2
	35	26.4	4.91	31.5	5.90	36.6	6.97	39.1	7.55	41.7	8.15	46.8	9.42	51.9	10.8
	37	26.4	5.18	31.5	6.23	36.6	7.38	39.1	8.00	41.7	8.64	46.8	10.0	51.9	11.5
	39	26.4	5.46	31.5	6.58	36.6	7.81	39.1	8.47	41.7	9.15	46.8	10.6	51.9	12.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ30THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (975)	10	73.6	9.90	87.8	12.1	102	14.4	106	14.7	107	14.4	110	13.8	112	13.2
	12	73.6	10.1	87.8	12.3	102	14.7	104	14.6	106	14.3	108	13.7	111	13.5
	14	73.6	10.3	87.8	12.6	102	14.9	103	14.6	104	14.3	107	14.1	110	14.3
	16	73.6	10.5	87.8	12.8	100	14.8	102	14.7	103	14.8	106	14.9	108	15.0
	18	73.6	10.7	87.8	13.1	98.9	15.4	100	15.4	102	15.5	104	15.7	107	15.8
	20	73.6	10.9	87.8	13.9	97.5	16.1	98.8	16.2	100	16.3	103	16.4	105	16.6
	21	73.6	11.2	87.8	14.4	96.8	16.5	98.2	16.6	99.5	16.7	102	16.8	105	17.0
	23	73.6	12.0	87.8	15.5	95.5	17.2	96.8	17.3	98.1	17.4	101	17.6	103	17.8
	25	73.6	12.8	87.8	16.6	94.1	18.0	95.4	18.1	96.8	18.2	99.4	18.4	102	18.6
	27	73.6	13.7	87.8	17.7	92.7	18.8	94.1	18.9	95.4	19.0	98.1	19.2	101	19.4
	29	73.6	14.6	87.8	18.9	91.4	19.5	92.7	19.6	94.0	19.7	96.7	19.9	99.3	20.1
	31	73.6	15.6	87.4	20.1	90.0	20.3	91.3	20.4	92.7	20.5	95.3	20.7	98.0	20.9
	33	73.6	16.6	86.0	20.8	88.6	21.1	90.0	21.2	91.3	21.3	94.0	21.5	96.6	21.8
	35	73.6	17.7	84.6	21.6	87.3	21.8	88.6	21.9	89.9	22.1	92.6	22.3	95.2	22.6
	37	73.6	18.8	83.3	22.3	85.9	22.6	87.2	22.7	88.6	22.9	91.2	23.1	93.9	23.4
	39	73.6	20.1	81.9	23.1	84.6	23.4	85.9	23.5	87.2	23.6	89.9	23.9	92.5	24.2
120% (900)	10	67.9	9.05	81.0	11.1	94.1	13.1	101	14.2	105	14.8	108	14.2	110	13.7
	12	67.9	9.21	81.0	11.3	94.1	13.4	101	14.5	104	14.7	106	14.2	109	13.6
	14	67.9	9.38	81.0	11.5	94.1	13.6	101	14.7	103	14.6	105	14.1	107	14.2
	16	67.9	9.56	81.0	11.7	94.1	13.9	100	14.9	101	14.7	104	14.8	106	14.9
	18	67.9	9.75	81.0	11.9	94.1	14.4	98.6	15.4	99.9	15.4	102	15.6	105	15.7
	20	67.9	9.94	81.0	12.4	94.1	15.5	97.3	16.1	98.5	16.2	101	16.3	103	16.5
	21	67.9	10.0	81.0	12.8	94.1	16.0	96.6	16.5	97.8	16.6	100	16.7	103	16.9
	23	67.9	10.7	81.0	13.8	94.0	17.1	95.2	17.2	96.5	17.3	98.9	17.5	101	17.6
	25	67.9	11.5	81.0	14.7	92.6	17.9	93.9	18.0	95.1	18.1	97.5	18.2	100	18.4
	27	67.9	12.2	81.0	15.7	91.3	18.6	92.5	18.7	93.7	18.8	96.2	19.0	98.6	19.2
	29	67.9	13.0	81.0	16.8	89.9	19.4	91.1	19.5	92.4	19.6	94.8	19.8	97.3	20.0
	31	67.9	13.9	81.0	17.9	88.5	20.2	89.8	20.3	91.0	20.4	93.4	20.6	95.9	20.8
	33	67.9	14.8	81.0	19.1	87.2	20.9	88.4	21.0	89.6	21.1	92.1	21.4	94.5	21.6
	35	67.9	15.8	81.0	20.4	85.8	21.7	87.0	21.8	88.3	21.9	90.7	22.1	93.2	22.4
	37	67.9	16.8	81.0	21.7	84.4	22.5	85.7	22.6	86.9	22.7	89.4	22.9	91.8	23.2
	39	67.9	17.8	80.6	23.0	83.1	23.2	84.3	23.3	85.5	23.5	88.0	23.7	90.4	24.0
110% (825)	10	62.3	8.22	74.3	10.0	86.3	11.9	92.3	12.8	98.3	13.8	106	14.7	108	14.2
	12	62.3	8.36	74.3	10.2	86.3	12.1	92.3	13.1	98.3	14.1	105	14.6	107	14.1
	14	62.3	8.51	74.3	10.4	86.3	12.3	92.3	13.3	98.3	14.3	103	14.5	105	14.1
	16	62.3	8.67	74.3	10.6	86.3	12.6	92.3	13.6	98.3	14.6	102	14.7	104	14.8
	18	62.3	8.84	74.3	10.8	86.3	12.8	92.3	14.0	98.2	15.3	100	15.5	103	15.6
	20	62.3	9.01	74.3	11.0	86.3	13.6	92.3	15.0	96.8	16.1	99.1	16.2	101	16.3
	21	62.3	9.10	74.3	11.3	86.3	14.1	92.3	15.6	96.1	16.5	98.4	16.6	101	16.7
	23	62.3	9.52	74.3	12.1	86.3	15.1	92.3	16.7	94.8	17.2	97.0	17.3	99.3	17.5
	25	62.3	10.2	74.3	13.0	86.3	16.2	92.3	17.9	93.4	18.0	95.7	18.1	97.9	18.3
	27	62.3	10.9	74.3	13.9	86.3	17.3	90.9	18.6	92.1	18.7	94.3	18.9	96.5	19.0
	29	62.3	11.6	74.3	14.8	86.3	18.5	89.6	19.4	90.7	19.5	92.9	19.6	95.2	19.8
	31	62.3	12.3	74.3	15.8	86.3	19.7	88.2	20.1	89.3	20.2	91.6	20.4	93.8	20.6
	33	62.3	13.1	74.3	16.8	85.7	20.8	86.8	20.9	88.0	21.0	90.2	21.2	92.5	21.4
	35	62.3	13.9	74.3	17.9	84.3	21.5	85.5	21.7	86.6	21.8	88.8	22.0	91.1	22.2
	37	62.3	14.8	74.3	19.1	83.0	22.3	84.1	22.4	85.2	22.5	87.5	22.7	89.7	23.0
	39	62.3	15.8	74.3	20.3	81.6	23.1	82.7	23.2	83.9	23.3	86.1	23.5	88.4	23.8
100% (750)	10	56.6	7.41	67.5	8.99	78.4	10.6	83.9	11.5	89.4	12.4	100	14.1	106	14.6
	12	56.6	7.54	67.5	9.15	78.4	10.8	83.9	11.7	89.4	12.6	100	14.4	105	14.6
	14	56.6	7.67	67.5	9.32	78.4	11.1	83.9	11.9	89.4	12.8	100	14.7	103	14.5
	16	56.6	7.81	67.5	9.50	78.4	11.3	83.9	12.2	89.4	13.1	99.9	14.9	102	14.7
	18	56.6	7.96	67.5	9.68	78.4	11.5	83.9	12.4	89.4	13.4	98.6	15.4	101	15.5
	20	56.6	8.11	67.5	9.87	78.4	11.8	83.9	13.0	89.4	14.3	97.2	16.1	99.2	16.2
	21	56.6	8.19	67.5	9.97	78.4	12.3	83.9	13.5	89.4	14.8	96.5	16.5	98.6	16.6
	23	56.6	8.40	67.5	10.6	78.4	13.1	83.9	14.5	89.4	15.9	95.2	17.2	97.2	17.4
	25	56.6	8.97	67.5	11.4	78.4	14.0	83.9	15.5	89.4	17.0	93.8	18.0	95.8	18.1
	27	56.6	9.56	67.5	12.1	78.4	15.0	83.9	16.6	89.4	18.2	92.4	18.7	94.5	18.9
	29	56.6	10.2	67.5	12.9	78.4	16.0	83.9	17.7	89.0	19.3	91.1	19.5	93.1	19.7
	31	56.6	10.8	67.5	13.8	78.4	17.1	83.9	18.9	87.7	20.1	89.7	20.3	91.7	20.4
	33	56.6	11.5	67.5	14.7	78.4	18.2	83.9	20.2	86.3	20.8	88.3	21.0	90.4	21.2
	35	56.6	12.2	67.5	15.6	78.4	19.4	83.9	21.5	84.9	21.6	87.0	21.8	89.0	22.0
	37	56.6	13.0	67.5	16.6	78.4	20.7	82.5	22.3	83.6	22.4	85.6	22.6	87.6	22.8
	39	56.6	13.8	67.5	17.7	78.4	22.1	81.2	23.0	82.2	23.1	84.2	23.3	86.3	23.6
90% (675)	10	51.0	6.63	60.8	8.00	70.6	9.44	75.5	10.2	80.4	11.0	90.3	12.5	100	14.1
	12	51.0	6.74	60.8	8.14	70.6	9.62	75.5	10.4	80.4	11.2	90.3	12.8	100	14.4
	14	51.0	6.86	60.8	8.29	70.6	9.80	75.5	10.6	80.4	11.4	90.3	13.0	100	14.6
	16	51.0	6.98	60.8	8.44	70.6	9.98	75.5	10.8	80.4	11.6	90.3	13.3	99.9	14.9
	18	51.0	7.11	60.8	8.60	70.6	10.2	75.5	11.0	80.4	11.8	90.3	13.5	98.5	15.4
	20	51.0	7.24	60.8	8.77	70.6	10.4	75.5	11.2	80.4	12.3	90.3	14.5	97.2	16.1
	21	51.0	7.31	60.8	8.85	70.6	10.6	75.5	11.6	80.4	12.7	90.3	15.0	96.5	16.5
	23	51.0	7.45	60.8	9.22	70.6	11.3	75.5	12.4	80.4	13.6	90.3	16.1	95.1	17.2
	25	51.0	7.84	60.8	9.84	70.6	12.1	75.5	13.3	80.4	14.6	90.3	17.3	93.7	18.0
	27	51.0	8.35	60.8	10.5	70.6	12.9	75.5	14.2	80.4	15.6	90.3	18.5	92.4	18.7
	29	51.0	8.88	60.8	11.2	70.6	13.8	75.5	15.2	80.4	16.6	89.2	19.3	91.0	19.5
	31	51.0	9.44	60.8	11.9	70.6	14.7	75.5	16.2	80.4	17.7	87.8	20.1	89.7	20.3
	33	51.0	10.0	60.8	12.7	70.6	15.6	75.5	17.2	80.4	18.9	86.5	20.9	88.3	21.0
	35	51.0	10.6	60.8	13.5	70.6	16.7	75.5	18.4	80.4	20.2	85.1	21.6	86.9	21.8
	37	51.0	11.3	60.8	14.3	70.6	17.7	75.5	19.6	80.4	21.5	83.7	22.4	85.6	22.6
	39	51.0	12.0	60.8	15.2	70.6	18.9	75.5	20.8	80.4	22.9	82.4	23.1	84.2	23.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (600)	10	45.3	5.89	54.0	7.05	62.7	8.28	67.1	8.92	71.5	9.58	80.2	10.9	88.9	12.3
	12	45.3	5.98	54.0	7.17	62.7	8.43	67.1	9.09	71.5	9.76	80.2	11.1	88.9	12.5
	14	45.3	6.08	54.0	7.30	62.7	8.59	67.1	9.25	71.5	9.94	80.2	11.3	88.9	12.8
	16	45.3	6.18	54.0	7.43	62.7	8.75	67.1	9.43	71.5	10.1	80.2	11.6	88.9	13.0
	18	45.3	6.29	54.0	7.56	62.7	8.91	67.1	9.61	71.5	10.3	80.2	11.8	88.9	13.3
	20	45.3	6.40	54.0	7.71	62.7	9.09	67.1	9.80	71.5	10.5	80.2	12.2	88.9	14.2
	21	45.3	6.46	54.0	7.78	62.7	9.18	67.1	9.90	71.5	10.7	80.2	12.7	88.9	14.7
	23	45.3	6.58	54.0	7.93	62.7	9.62	67.1	10.5	71.5	11.5	80.2	13.6	88.9	15.8
	25	45.3	6.79	54.0	8.44	62.7	10.3	67.1	11.3	71.5	12.3	80.2	14.5	88.9	16.9
	27	45.3	7.23	54.0	8.99	62.7	11.0	67.1	12.0	71.5	13.1	80.2	15.5	88.9	18.1
	29	45.3	7.68	54.0	9.57	62.7	11.7	67.1	12.8	71.5	14.0	80.2	16.6	88.9	19.3
	31	45.3	8.15	54.0	10.2	62.7	12.4	67.1	13.7	71.5	14.9	80.2	17.7	87.6	20.1
	33	45.3	8.65	54.0	10.8	62.7	13.2	67.1	14.6	71.5	15.9	80.2	18.9	86.2	20.8
	35	45.3	9.18	54.0	11.5	62.7	14.1	67.1	15.5	71.5	17.0	80.2	20.1	84.8	21.6
	37	45.3	9.73	54.0	12.2	62.7	15.0	67.1	16.5	71.5	18.1	80.2	21.4	83.5	22.4
	39	45.3	10.3	54.0	13.0	62.7	15.9	67.1	17.5	71.5	19.2	80.2	22.8	82.1	23.1
70% (525)	10	39.6	5.18	47.3	6.14	54.9	7.17	58.7	7.71	62.5	8.25	70.2	9.38	77.8	10.6
	12	39.6	5.26	47.3	6.24	54.9	7.30	58.7	7.84	62.5	8.40	70.2	9.56	77.8	10.7
	14	39.6	5.34	47.3	6.35	54.9	7.42	58.7	7.98	62.5	8.56	70.2	9.74	77.8	11.0
	16	39.6	5.42	47.3	6.46	54.9	7.56	58.7	8.13	62.5	8.72	70.2	9.92	77.8	11.2
	18	39.6	5.51	47.3	6.57	54.9	7.70	58.7	8.28	62.5	8.88	70.2	10.1	77.8	11.4
	20	39.6	5.61	47.3	6.69	54.9	7.84	58.7	8.44	62.5	9.05	70.2	10.3	77.8	11.7
	21	39.6	5.65	47.3	6.75	54.9	7.92	58.7	8.52	62.5	9.14	70.2	10.5	77.8	12.1
	23	39.6	5.75	47.3	6.88	54.9	8.08	58.7	8.81	62.5	9.58	70.2	11.2	77.8	13.0
	25	39.6	5.85	47.3	7.15	54.9	8.62	58.7	9.41	62.5	10.2	70.2	12.0	77.8	13.9
	27	39.6	6.19	47.3	7.61	54.9	9.18	58.7	10.0	62.5	10.9	70.2	12.8	77.8	14.8
	29	39.6	6.57	47.3	8.09	54.9	9.78	58.7	10.7	62.5	11.6	70.2	13.7	77.8	15.8
	31	39.6	6.96	47.3	8.59	54.9	10.4	58.7	11.4	62.5	12.4	70.2	14.6	77.8	16.9
	33	39.6	7.38	47.3	9.12	54.9	11.1	58.7	12.1	62.5	13.2	70.2	15.5	77.8	18.0
	35	39.6	7.82	47.3	9.68	54.9	11.7	58.7	12.9	62.5	14.0	70.2	16.5	77.8	19.2
	37	39.6	8.27	47.3	10.3	54.9	12.5	58.7	13.7	62.5	14.9	70.2	17.6	77.8	20.5
	39	39.6	8.75	47.3	10.9	54.9	13.2	58.7	14.5	62.5	15.9	70.2	18.7	77.8	21.8
60% (450)	10	34.0	4.50	40.5	5.29	47.1	6.12	50.3	6.55	53.6	6.99	60.2	7.91	66.7	8.86
	12	34.0	4.57	40.5	5.37	47.1	6.22	50.3	6.66	53.6	7.11	60.2	8.05	66.7	9.03
	14	34.0	4.63	40.5	5.45	47.1	6.32	50.3	6.77	53.6	7.24	60.2	8.20	66.7	9.19
	16	34.0	4.70	40.5	5.54	47.1	6.43	50.3	6.89	53.6	7.37	60.2	8.35	66.7	9.37
	18	34.0	4.78	40.5	5.63	47.1	6.54	50.3	7.02	53.6	7.50	60.2	8.51	66.7	9.55
	20	34.0	4.85	40.5	5.73	47.1	6.66	50.3	7.15	53.6	7.64	60.2	8.67	66.7	9.74
	21	34.0	4.89	40.5	5.78	47.1	6.72	50.3	7.21	53.6	7.72	60.2	8.76	66.7	9.83
	23	34.0	4.97	40.5	5.88	47.1	6.85	50.3	7.35	53.6	7.87	60.2	9.10	66.7	10.5
	25	34.0	5.05	40.5	5.98	47.1	7.11	50.3	7.72	53.6	8.36	60.2	9.71	66.7	11.2
	27	34.0	5.24	40.5	6.34	47.1	7.57	50.3	8.22	53.6	8.91	60.2	10.4	66.7	11.9
	29	34.0	5.55	40.5	6.73	47.1	8.04	50.3	8.75	53.6	9.48	60.2	11.0	66.7	12.7
	31	34.0	5.87	40.5	7.14	47.1	8.55	50.3	9.30	53.6	10.1	60.2	11.8	66.7	13.5
	33	34.0	6.21	40.5	7.57	47.1	9.07	50.3	9.87	53.6	10.7	60.2	12.5	66.7	14.4
	35	34.0	6.57	40.5	8.02	47.1	9.62	50.3	10.5	53.6	11.4	60.2	13.3	66.7	15.4
	37	34.0	6.94	40.5	8.49	47.1	10.2	50.3	11.1	53.6	12.1	60.2	14.1	66.7	16.3
	39	34.0	7.34	40.5	8.99	47.1	10.8	50.3	11.8	53.6	12.8	60.2	15.0	66.7	17.4
50% (375)	10	28.3	3.87	33.8	4.48	39.2	5.13	41.9	5.46	44.7	5.81	50.1	6.52	55.6	7.27
	12	28.3	3.92	33.8	4.54	39.2	5.20	41.9	5.55	44.7	5.90	50.1	6.63	55.6	7.39
	14	28.3	3.97	33.8	4.61	39.2	5.29	41.9	5.64	44.7	6.00	50.1	6.75	55.6	7.52
	16	28.3	4.03	33.8	4.68	39.2	5.37	41.9	5.73	44.7	6.10	50.1	6.87	55.6	7.66
	18	28.3	4.08	33.8	4.75	39.2	5.46	41.9	5.83	44.7	6.20	50.1	6.99	55.6	7.80
	20	28.3	4.14	33.8	4.82	39.2	5.55	41.9	5.93	44.7	6.31	50.1	7.12	55.6	7.95
	21	28.3	4.17	33.8	4.86	39.2	5.60	41.9	5.98	44.7	6.37	50.1	7.18	55.6	8.03
	23	28.3	4.23	33.8	4.94	39.2	5.69	41.9	6.08	44.7	6.49	50.1	7.32	55.6	8.21
	25	28.3	4.30	33.8	5.02	39.2	5.79	41.9	6.21	44.7	6.68	50.1	7.69	55.6	8.76
	27	28.3	4.37	33.8	5.20	39.2	6.12	41.9	6.60	44.7	7.11	50.1	8.18	55.6	9.33
	29	28.3	4.62	33.8	5.51	39.2	6.49	41.9	7.01	44.7	7.55	50.1	8.70	55.6	9.94
	31	28.3	4.88	33.8	5.84	39.2	6.88	41.9	7.44	44.7	8.02	50.1	9.25	55.6	10.6
	33	28.3	5.15	33.8	6.17	39.2	7.29	41.9	7.89	44.7	8.51	50.1	9.83	55.6	11.2
	35	28.3	5.44	33.8	6.53	39.2	7.72	41.9	8.36	44.7	9.02	50.1	10.4	55.6	11.9
	37	28.3	5.74	33.8	6.90	39.2	8.17	41.9	8.85	44.7	9.56	50.1	11.1	55.6	12.7
	39	28.3	6.05	33.8	7.29	39.2	8.65	41.9	9.37	44.7	10.1	50.1	11.7	55.6	13.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ32THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1040)	10	78.4	10.7	93.5	13.1	109	15.6	113	15.9	114	15.6	117	14.9	120	14.2
	12	78.4	10.9	93.5	13.3	109	15.9	111	15.8	113	15.5	115	14.8	118	14.6
	14	78.4	11.1	93.5	13.6	108	16.1	110	15.7	111	15.4	114	15.3	117	15.4
	16	78.4	11.3	93.5	13.9	107	16.0	108	15.9	110	15.9	112	16.1	115	16.3
	18	78.4	11.5	93.5	14.1	105	16.6	107	16.7	108	16.8	111	16.9	114	17.1
	20	78.4	11.8	93.5	15.1	104	17.4	105	17.5	107	17.6	110	17.8	112	17.9
	21	78.4	12.1	93.5	15.6	103	17.8	105	17.9	106	18.0	109	18.2	112	18.3
	23	78.4	12.9	93.5	16.7	102	18.6	103	18.7	105	18.8	107	19.0	110	19.2
	25	78.4	13.8	93.5	17.9	100	19.4	102	19.5	103	19.6	106	19.8	109	20.0
	27	78.4	14.8	93.5	19.1	98.8	20.3	100	20.4	102	20.5	104	20.7	107	20.9
	29	78.4	15.8	93.5	20.5	97.4	21.1	98.8	21.2	100	21.3	103	21.5	106	21.8
	31	78.4	16.8	93.1	21.7	95.9	21.9	97.3	22.0	98.7	22.1	102	22.4	104	22.6
	33	78.4	17.9	91.6	22.5	94.5	22.7	95.9	22.9	97.3	23.0	100	23.2	103	23.5
	35	78.4	19.1	90.2	23.3	93.0	23.6	94.4	23.7	95.8	23.8	98.7	24.1	101	24.4
	37	78.4	20.3	88.7	24.1	91.5	24.4	93.0	24.5	94.4	24.7	97.2	25.0	100	25.2
	39	78.4	21.7	87.3	24.9	90.1	25.2	91.5	25.4	92.9	25.5	95.8	25.8	98.6	26.1
120% (960)	10	72.4	9.77	86.3	11.9	100	14.2	107	15.3	112	16.0	115	15.4	117	14.8
	12	72.4	9.95	86.3	12.2	100	14.5	107	15.6	111	15.9	113	15.3	116	14.7
	14	72.4	10.1	86.3	12.4	100	14.7	107	15.9	109	15.8	112	15.2	115	15.3
	16	72.4	10.3	86.3	12.6	100	15.0	107	16.0	108	15.9	110	16.0	113	16.1
	18	72.4	10.5	86.3	12.9	100	15.5	105	16.6	106	16.7	109	16.8	112	17.0
	20	72.4	10.7	86.3	13.4	100	16.7	104	17.4	105	17.5	108	17.6	110	17.8
	21	72.4	10.8	86.3	13.9	100	17.3	103	17.8	104	17.9	107	18.0	109	18.2
	23	72.4	11.6	86.3	14.9	100	18.5	101	18.6	103	18.7	105	18.9	108	19.0
	25	72.4	12.4	86.3	15.9	98.7	19.3	100	19.4	101	19.5	104	19.7	107	19.9
	27	72.4	13.2	86.3	17.0	97.3	20.1	98.6	20.2	99.9	20.3	102	20.5	105	20.7
	29	72.4	14.1	86.3	18.2	95.8	21.0	97.1	21.1	98.4	21.2	101	21.4	104	21.6
	31	72.4	15.0	86.3	19.4	94.3	21.8	95.7	21.9	97.0	22.0	99.6	22.2	102	22.4
	33	72.4	16.0	86.3	20.7	92.9	22.6	94.2	22.7	95.5	22.8	98.1	23.1	101	23.3
	35	72.4	17.0	86.3	22.0	91.4	23.4	92.7	23.5	94.1	23.7	96.7	23.9	99.3	24.2
	37	72.4	18.1	86.3	23.5	90.0	24.2	91.3	24.4	92.6	24.5	95.2	24.8	97.8	25.0
	39	72.4	19.3	85.9	24.8	88.5	25.1	89.8	25.2	91.1	25.4	93.8	25.6	96.4	25.9
110% (880)	10	66.4	8.87	79.1	10.8	91.9	12.8	98.3	13.9	105	14.9	113	15.8	115	15.3
	12	66.4	9.03	79.1	11.0	91.9	13.1	98.3	14.1	105	15.2	111	15.8	114	15.2
	14	66.4	9.20	79.1	11.2	91.9	13.3	98.3	14.4	105	15.5	110	15.7	112	15.2
	16	66.4	9.37	79.1	11.4	91.9	13.6	98.3	14.7	105	15.8	108	15.9	111	16.0
	18	66.4	9.55	79.1	11.7	91.9	13.9	98.3	15.1	105	16.6	107	16.7	109	16.8
	20	66.4	9.73	79.1	11.9	91.9	14.7	98.3	16.2	103	17.4	106	17.5	108	17.7
	21	66.4	9.83	79.1	12.2	91.9	15.2	98.3	16.8	102	17.8	105	17.9	107	18.1
	23	66.4	10.3	79.1	13.1	91.9	16.3	98.3	18.0	101	18.6	103	18.7	106	18.9
	25	66.4	11.0	79.1	14.0	91.9	17.4	98.3	19.3	99.5	19.4	102	19.6	104	19.7
	27	66.4	11.7	79.1	15.0	91.9	18.7	96.9	20.1	98.1	20.2	100	20.4	103	20.6
	29	66.4	12.5	79.1	16.0	91.9	19.9	95.4	20.9	96.6	21.0	99.0	21.2	101	21.4
	31	66.4	13.3	79.1	17.1	91.9	21.3	94.0	21.7	95.2	21.8	97.6	22.0	100	22.2
	33	66.4	14.2	79.1	18.2	91.3	22.5	92.5	22.6	93.7	22.7	96.1	22.9	98.5	23.1
	35	66.4	15.1	79.1	19.4	89.9	23.3	91.1	23.4	92.3	23.5	94.7	23.7	97.1	23.9
	37	66.4	16.0	79.1	20.6	88.4	24.1	89.6	24.2	90.8	24.3	93.2	24.6	95.6	24.8
	39	66.4	17.0	79.1	22.0	87.0	24.9	88.2	25.0	89.4	25.2	91.8	25.4	94.1	25.7
100% (800)	10	60.3	8.00	72.0	9.70	83.6	11.5	89.4	12.4	95.2	13.4	107	15.3	113	15.8
	12	60.3	8.14	72.0	9.88	83.6	11.7	89.4	12.7	95.2	13.6	107	15.6	112	15.7
	14	60.3	8.29	72.0	10.1	83.6	11.9	89.4	12.9	95.2	13.9	107	15.9	110	15.6
	16	60.3	8.44	72.0	10.3	83.6	12.2	89.4	13.1	95.2	14.1	106	16.1	109	15.9
	18	60.3	8.59	72.0	10.5	83.6	12.4	89.4	13.4	95.2	14.4	105	16.6	107	16.7
	20	60.3	8.76	72.0	10.7	83.6	12.8	89.4	14.1	95.2	15.5	104	17.4	106	17.5
	21	60.3	8.84	72.0	10.8	83.6	13.2	89.4	14.6	95.2	16.0	103	17.8	105	17.9
	23	60.3	9.08	72.0	11.5	83.6	14.2	89.4	15.6	95.2	17.2	101	18.6	104	18.7
	25	60.3	9.68	72.0	12.3	83.6	15.2	89.4	16.7	95.2	18.4	99.9	19.4	102	19.6
	27	60.3	10.3	72.0	13.1	83.6	16.2	89.4	17.9	95.2	19.7	98.5	20.2	101	20.4
	29	60.3	11.0	72.0	14.0	83.6	17.3	89.4	19.1	94.9	20.9	97.0	21.1	99.2	21.2
	31	60.3	11.7	72.0	14.9	83.6	18.5	89.4	20.4	93.4	21.7	95.6	21.9	97.7	22.1
	33	60.3	12.4	72.0	15.9	83.6	19.7	89.4	21.8	91.9	22.5	94.1	22.7	96.3	22.9
	35	60.3	13.2	72.0	16.9	83.6	21.0	89.4	23.2	90.5	23.3	92.7	23.5	94.8	23.7
	37	60.3	14.0	72.0	18.0	83.6	22.4	87.9	24.0	89.0	24.2	91.2	24.4	93.4	24.6
	39	60.3	14.9	72.0	19.1	83.6	23.8	86.5	24.9	87.6	25.0	89.8	25.2	91.9	25.4
90% (720)	10	54.3	7.16	64.8	8.64	75.2	10.2	80.4	11.0	85.7	11.8	96.2	13.5	107	15.2
	12	54.3	7.28	64.8	8.79	75.2	10.4	80.4	11.2	85.7	12.1	96.2	13.8	107	15.5
	14	54.3	7.41	64.8	8.95	75.2	10.6	80.4	11.4	85.7	12.3	96.2	14.0	107	15.8
	16	54.3	7.54	64.8	9.12	75.2	10.8	80.4	11.6	85.7	12.5	96.2	14.3	106	16.1
	18	54.3	7.68	64.8	9.29	75.2	11.0	80.4	11.9	85.7	12.8	96.2	14.6	105	16.6
	20	54.3	7.82	64.8	9.47	75.2	11.2	80.4	12.1	85.7	13.2	96.2	15.7	104	17.4
	21	54.3	7.89	64.8	9.56	75.2	11.4	80.4	12.5	85.7	13.7	96.2	16.2	103	17.8
	23	54.3	8.04	64.8	9.96	75.2	12.2	80.4	13.4	85.7	14.7	96.2	17.4	101	18.6
	25	54.3	8.47	64.8	10.6	75.2	13.0	80.4	14.4	85.7	15.7	96.2	18.7	99.9	19.4
	27	54.3	9.02	64.8	11.3	75.2	13.9	80.4	15.3	85.7	16.8	96.2	20.0	98.4	20.2
	29	54.3	9.59	64.8	12.1	75.2	14.9	80.4	16.4	85.7	18.0	95.0	20.9	97.0	21.0
	31	54.3	10.2	64.8	12.9	75.2	15.9	80.4	17.5	85.7	19.2	93.6	21.7	95.5	21.9
	33	54.3	10.8	64.8	13.7	75.2	16.9	80.4	18.6	85.7	20.4	92.1	22.5	94.1	22.7
	35	54.3	11.5	64.8	14.6	75.2	18.0	80.4	19.8	85.7	21.8	90.7	23.3	92.6	23.5
	37	54.3	12.2	64.8	15.5	75.2	19.1	80.4	21.1	85.7	23.2	89.2	24.2	91.2	24.4
	39	54.3	13.0	64.8	16.4	75.2	20.4	80.4	22.5	85.7	24.7	87.8	25.0	89.7	25.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (640)	10	48.3	6.36	57.6	7.61	66.9	8.95	71.5	9.64	76.2	10.3	85.5	11.8	94.8	13.3
	12	48.3	6.46	57.6	7.74	66.9	9.11	71.5	9.81	76.2	10.5	85.5	12.0	94.8	13.5
	14	48.3	6.57	57.6	7.88	66.9	9.27	71.5	9.99	76.2	10.7	85.5	12.2	94.8	13.8
	16	48.3	6.68	57.6	8.02	66.9	9.45	71.5	10.2	76.2	10.9	85.5	12.5	94.8	14.1
	18	48.3	6.79	57.6	8.17	66.9	9.63	71.5	10.4	76.2	11.2	85.5	12.7	94.8	14.3
	20	48.3	6.91	57.6	8.32	66.9	9.81	71.5	10.6	76.2	11.4	85.5	13.2	94.8	15.3
	21	48.3	6.98	57.6	8.40	66.9	9.91	71.5	10.7	76.2	11.6	85.5	13.7	94.8	15.9
	23	48.3	7.10	57.6	8.56	66.9	10.4	71.5	11.4	76.2	12.4	85.5	14.6	94.8	17.0
	25	48.3	7.34	57.6	9.12	66.9	11.1	71.5	12.2	76.2	13.3	85.5	15.7	94.8	18.3
	27	48.3	7.80	57.6	9.71	66.9	11.8	71.5	13.0	76.2	14.2	85.5	16.8	94.8	19.5
	29	48.3	8.29	57.6	10.3	66.9	12.6	71.5	13.8	76.2	15.1	85.5	17.9	94.8	20.9
	31	48.3	8.81	57.6	11.0	66.9	13.4	71.5	14.8	76.2	16.1	85.5	19.1	93.3	21.7
	33	48.3	9.34	57.6	11.7	66.9	14.3	71.5	15.7	76.2	17.2	85.5	20.4	91.9	22.5
	35	48.3	9.91	57.6	12.4	66.9	15.2	71.5	16.7	76.2	18.3	85.5	21.7	90.4	23.3
	37	48.3	10.5	57.6	13.2	66.9	16.2	71.5	17.8	76.2	19.5	85.5	23.1	89.0	24.1
	39	48.3	11.1	57.6	14.0	66.9	17.2	71.5	18.9	76.2	20.8	85.5	24.6	87.5	25.0
70% (560)	10	42.2	5.59	50.4	6.63	58.5	7.75	62.6	8.32	66.6	8.91	74.8	10.1	82.9	11.4
	12	42.2	5.68	50.4	6.74	58.5	7.88	62.6	8.47	66.6	9.07	74.8	10.3	82.9	11.6
	14	42.2	5.76	50.4	6.86	58.5	8.02	62.6	8.62	66.6	9.24	74.8	10.5	82.9	11.8
	16	42.2	5.86	50.4	6.97	58.5	8.16	62.6	8.78	66.6	9.41	74.8	10.7	82.9	12.1
	18	42.2	5.95	50.4	7.10	58.5	8.31	62.6	8.94	66.6	9.59	74.8	10.9	82.9	12.3
	20	42.2	6.05	50.4	7.23	58.5	8.47	62.6	9.12	66.6	9.78	74.8	11.1	82.9	12.6
	21	42.2	6.11	50.4	7.29	58.5	8.55	62.6	9.20	66.6	9.87	74.8	11.3	82.9	13.1
	23	42.2	6.21	50.4	7.43	58.5	8.73	62.6	9.52	66.6	10.3	74.8	12.1	82.9	14.0
	25	42.2	6.32	50.4	7.72	58.5	9.31	62.6	10.2	66.6	11.0	74.8	12.9	82.9	15.0
	27	42.2	6.68	50.4	8.22	58.5	9.92	62.6	10.8	66.6	11.8	74.8	13.8	82.9	16.0
	29	42.2	7.09	50.4	8.74	58.5	10.6	62.6	11.5	66.6	12.6	74.8	14.7	82.9	17.1
	31	42.2	7.52	50.4	9.28	58.5	11.2	62.6	12.3	66.6	13.4	74.8	15.7	82.9	18.3
	33	42.2	7.97	50.4	9.85	58.5	11.9	62.6	13.1	66.6	14.2	74.8	16.8	82.9	19.5
	35	42.2	8.44	50.4	10.5	58.5	12.7	62.6	13.9	66.6	15.1	74.8	17.8	82.9	20.7
	37	42.2	8.93	50.4	11.1	58.5	13.5	62.6	14.8	66.6	16.1	74.8	19.0	82.9	22.1
	39	42.2	9.45	50.4	11.7	58.5	14.3	62.6	15.7	66.6	17.1	74.8	20.2	82.9	23.5
60% (480)	10	36.2	4.86	43.2	5.71	50.1	6.61	53.6	7.07	57.1	7.55	64.1	8.54	71.1	9.57
	12	36.2	4.93	43.2	5.80	50.1	6.71	53.6	7.19	57.1	7.68	64.1	8.70	71.1	9.75
	14	36.2	5.00	43.2	5.89	50.1	6.83	53.6	7.32	57.1	7.82	64.1	8.85	71.1	9.93
	16	36.2	5.08	43.2	5.98	50.1	6.94	53.6	7.44	57.1	7.96	64.1	9.02	71.1	10.1
	18	36.2	5.16	43.2	6.08	50.1	7.07	53.6	7.58	57.1	8.10	64.1	9.19	71.1	10.3
	20	36.2	5.24	43.2	6.19	50.1	7.19	53.6	7.72	57.1	8.25	64.1	9.36	71.1	10.5
	21	36.2	5.28	43.2	6.24	50.1	7.26	53.6	7.79	57.1	8.33	64.1	9.46	71.1	10.6
	23	36.2	5.37	43.2	6.35	50.1	7.39	53.6	7.94	57.1	8.49	64.1	9.83	71.1	11.3
	25	36.2	5.46	43.2	6.46	50.1	7.68	53.6	8.34	57.1	9.03	64.1	10.5	71.1	12.1
	27	36.2	5.65	43.2	6.85	50.1	8.17	53.6	8.88	57.1	9.62	64.1	11.2	71.1	12.9
	29	36.2	5.99	43.2	7.27	50.1	8.69	53.6	9.45	57.1	10.2	64.1	11.9	71.1	13.7
	31	36.2	6.34	43.2	7.71	50.1	9.23	53.6	10.0	57.1	10.9	64.1	12.7	71.1	14.6
	33	36.2	6.71	43.2	8.18	50.1	9.80	53.6	10.7	57.1	11.6	64.1	13.5	71.1	15.6
	35	36.2	7.10	43.2	8.66	50.1	10.4	53.6	11.3	57.1	12.3	64.1	14.4	71.1	16.6
	37	36.2	7.50	43.2	9.17	50.1	11.0	53.6	12.0	57.1	13.1	64.1	15.3	71.1	17.6
	39	36.2	7.92	43.2	9.71	50.1	11.7	53.6	12.7	57.1	13.9	64.1	16.2	71.1	18.8
50% (400)	10	30.2	4.18	36.0	4.84	41.8	5.54	44.7	5.90	47.6	6.27	53.4	7.05	59.2	7.85
	12	30.2	4.23	36.0	4.91	41.8	5.62	44.7	5.99	47.6	6.37	53.4	7.16	59.2	7.98
	14	30.2	4.29	36.0	4.98	41.8	5.71	44.7	6.09	47.6	6.48	53.4	7.29	59.2	8.13
	16	30.2	4.35	36.0	5.05	41.8	5.80	44.7	6.19	47.6	6.59	53.4	7.41	59.2	8.27
	18	30.2	4.41	36.0	5.13	41.8	5.89	44.7	6.29	47.6	6.70	53.4	7.55	59.2	8.43
	20	30.2	4.47	36.0	5.21	41.8	5.99	44.7	6.40	47.6	6.82	53.4	7.69	59.2	8.58
	21	30.2	4.50	36.0	5.25	41.8	6.04	44.7	6.46	47.6	6.88	53.4	7.76	59.2	8.67
	23	30.2	4.57	36.0	5.34	41.8	6.15	44.7	6.57	47.6	7.01	53.4	7.90	59.2	8.86
	25	30.2	4.64	36.0	5.42	41.8	6.26	44.7	6.71	47.6	7.22	53.4	8.30	59.2	9.46
	27	30.2	4.72	36.0	5.62	41.8	6.60	44.7	7.13	47.6	7.68	53.4	8.84	59.2	10.1
	29	30.2	4.99	36.0	5.95	41.8	7.01	44.7	7.57	47.6	8.16	53.4	9.40	59.2	10.7
	31	30.2	5.27	36.0	6.30	41.8	7.43	44.7	8.03	47.6	8.66	53.4	9.99	59.2	11.4
	33	30.2	5.57	36.0	6.67	41.8	7.87	44.7	8.52	47.6	9.19	53.4	10.6	59.2	12.1
	35	30.2	5.87	36.0	7.05	41.8	8.34	44.7	9.03	47.6	9.74	53.4	11.3	59.2	12.9
	37	30.2	6.20	36.0	7.45	41.8	8.83	44.7	9.56	47.6	10.3	53.4	12.0	59.2	13.7
	39	30.2	6.53	36.0	7.87	41.8	9.34	44.7	10.1	47.6	10.9	53.4	12.7	59.2	14.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ34THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1105)	10	84.1	11.6	100	14.2	117	16.8	121	17.2	122	16.8	125	16.1	128	15.4
	12	84.1	11.8	100	14.4	117	17.2	119	17.1	121	16.7	124	16.0	127	15.8
	14	84.1	12.0	100	14.7	116	17.4	118	17.0	119	16.6	122	16.5	125	16.7
	16	84.1	12.2	100	15.0	115	17.3	116	17.2	118	17.2	121	17.4	124	17.6
	18	84.1	12.5	100	15.3	113	17.9	115	18.0	116	18.1	119	18.3	122	18.5
	20	84.1	12.7	100	16.3	111	18.8	113	18.9	114	19.0	118	19.2	121	19.4
	21	84.1	13.1	100	16.9	111	19.3	112	19.4	114	19.5	117	19.6	120	19.8
	23	84.1	14.0	100	18.1	109	20.1	111	20.2	112	20.3	115	20.5	118	20.8
	25	84.1	15.0	100	19.4	108	21.0	109	21.1	111	21.2	114	21.5	117	21.7
	27	84.1	16.0	100	20.7	106	21.9	108	22.0	109	22.1	112	22.4	115	22.6
	29	84.1	17.1	100	22.1	104	22.8	106	22.9	107	23.0	111	23.3	114	23.5
	31	84.1	18.2	99.9	23.4	103	23.7	104	23.8	106	23.9	109	24.2	112	24.5
	33	84.1	19.4	98.3	24.3	101	24.6	103	24.7	104	24.9	107	25.1	110	25.4
	35	84.1	20.7	96.7	25.2	99.8	25.5	101	25.6	103	25.8	106	26.1	109	26.3
	37	84.1	22.0	95.2	26.1	98.2	26.4	99.7	26.5	101	26.7	104	27.0	107	27.3
	39	84.1	23.4	93.6	27.0	96.6	27.3	98.2	27.5	99.7	27.6	103	27.9	106	28.3
120% (1020)	10	77.7	10.6	92.6	12.9	108	15.3	115	16.6	120	17.3	123	16.6	126	16.0
	12	77.7	10.8	92.6	13.1	108	15.6	115	16.9	119	17.2	122	16.5	124	15.9
	14	77.7	11.0	92.6	13.4	108	15.9	115	17.2	117	17.1	120	16.4	123	16.6
	16	77.7	11.2	92.6	13.7	108	16.2	114	17.4	116	17.1	119	17.3	121	17.4
	18	77.7	11.4	92.6	13.9	108	16.8	113	17.9	114	18.0	117	18.2	120	18.3
	20	77.7	11.6	92.6	14.5	108	18.1	111	18.8	113	18.9	115	19.1	118	19.2
	21	77.7	11.7	92.6	15.0	108	18.7	110	19.2	112	19.3	115	19.5	117	19.7
	23	77.7	12.5	92.6	16.1	107	20.0	109	20.1	110	20.2	113	20.4	116	20.6
	25	77.7	13.4	92.6	17.2	106	20.9	107	21.0	109	21.1	111	21.3	114	21.5
	27	77.7	14.3	92.6	18.4	104	21.8	106	21.9	107	22.0	110	22.2	113	22.4
	29	77.7	15.2	92.6	19.6	103	22.7	104	22.8	106	22.9	108	23.1	111	23.3
	31	77.7	16.2	92.6	21.0	101	23.5	103	23.7	104	23.8	107	24.0	110	24.3
	33	77.7	17.3	92.6	22.3	99.6	24.4	101	24.6	102	24.7	105	24.9	108	25.2
	35	77.7	18.4	92.6	23.8	98.1	25.3	99.5	25.5	101	25.6	104	25.9	106	26.1
	37	77.7	19.6	92.6	25.4	96.5	26.2	97.9	26.4	99.3	26.5	102	26.8	105	27.1
	39	77.7	20.8	92.2	26.8	95.0	27.1	96.4	27.3	97.8	27.4	101	27.7	103	28.0
110% (935)	10	71.2	9.59	84.9	11.7	98.6	13.9	105	15.0	112	16.1	121	17.1	124	16.5
	12	71.2	9.76	84.9	11.9	98.6	14.1	105	15.3	112	16.4	119	17.0	122	16.4
	14	71.2	9.94	84.9	12.1	98.6	14.4	105	15.6	112	16.8	118	16.9	120	16.4
	16	71.2	10.1	84.9	12.4	98.6	14.7	105	15.9	112	17.1	116	17.2	119	17.3
	18	71.2	10.3	84.9	12.6	98.6	15.0	105	16.3	112	17.9	115	18.1	117	18.2
	20	71.2	10.5	84.9	12.9	98.6	15.9	105	17.5	111	18.8	113	18.9	116	19.1
	21	71.2	10.6	84.9	13.2	98.6	16.4	105	18.2	110	19.2	112	19.4	115	19.5
	23	71.2	11.1	84.9	14.2	98.6	17.6	105	19.5	108	20.1	111	20.3	113	20.4
	25	71.2	11.9	84.9	15.2	98.6	18.9	105	20.9	107	21.0	109	21.1	112	21.3
	27	71.2	12.7	84.9	16.2	98.6	20.2	104	21.7	105	21.8	108	22.0	110	22.2
	29	71.2	13.5	84.9	17.3	98.6	21.6	102	22.6	104	22.7	106	22.9	109	23.1
	31	71.2	14.4	84.9	18.4	98.6	23.0	101	23.5	102	23.6	105	23.8	107	24.1
	33	71.2	15.3	84.9	19.7	98.0	24.3	99.3	24.4	101	24.5	103	24.7	106	25.0
	35	71.2	16.3	84.9	20.9	96.4	25.2	97.7	25.3	99.0	25.4	102	25.7	104	25.9
	37	71.2	17.3	84.9	22.3	94.8	26.0	96.1	26.2	97.4	26.3	100	26.6	103	26.8
	39	71.2	18.4	84.9	23.7	93.3	26.9	94.6	27.1	95.9	27.2	98.4	27.5	101	27.8
100% (850)	10	64.7	8.65	77.2	10.5	89.7	12.4	95.9	13.4	102	14.4	115	16.5	121	17.1
	12	64.7	8.80	77.2	10.7	89.7	12.7	95.9	13.7	102	14.7	115	16.8	120	17.0
	14	64.7	8.96	77.2	10.9	89.7	12.9	95.9	13.9	102	15.0	115	17.1	118	16.9
	16	64.7	9.12	77.2	11.1	89.7	13.2	95.9	14.2	102	15.3	114	17.4	117	17.2
	18	64.7	9.29	77.2	11.3	89.7	13.4	95.9	14.5	102	15.6	113	17.9	115	18.1
	20	64.7	9.47	77.2	11.5	89.7	13.8	95.9	15.2	102	16.7	111	18.8	113	18.9
	21	64.7	9.56	77.2	11.6	89.7	14.3	95.9	15.8	102	17.3	110	19.2	113	19.4
	23	64.7	9.81	77.2	12.4	89.7	15.3	95.9	16.9	102	18.6	109	20.1	111	20.3
	25	64.7	10.5	77.2	13.3	89.7	16.4	95.9	18.1	102	19.9	107	21.0	110	21.2
	27	64.7	11.2	77.2	14.2	89.7	17.5	95.9	19.3	102	21.3	106	21.9	108	22.1
	29	64.7	11.9	77.2	15.1	89.7	18.7	95.9	20.7	102	22.6	104	22.8	106	23.0
	31	64.7	12.6	77.2	16.1	89.7	20.0	95.9	22.1	100	23.5	103	23.7	105	23.9
	33	64.7	13.4	77.2	17.1	89.7	21.3	95.9	23.5	98.6	24.3	101	24.5	103	24.8
	35	64.7	14.3	77.2	18.2	89.7	22.7	95.9	25.1	97.1	25.2	99.4	25.4	102	25.7
	37	64.7	15.2	77.2	19.4	89.7	24.2	94.3	26.0	95.5	26.1	97.8	26.3	100	26.6
	39	64.7	16.1	77.2	20.7	89.7	25.8	92.8	26.9	93.9	27.0	96.3	27.3	98.6	27.5
90% (765)	10	58.2	7.75	69.5	9.34	80.7	11.0	86.3	11.9	91.9	12.8	103	14.6	114	16.5
	12	58.2	7.88	69.5	9.51	80.7	11.2	86.3	12.1	91.9	13.0	103	14.9	114	16.8
	14	58.2	8.01	69.5	9.68	80.7	11.4	86.3	12.4	91.9	13.3	103	15.2	114	17.1
	16	58.2	8.15	69.5	9.86	80.7	11.7	86.3	12.6	91.9	13.5	103	15.5	114	17.4
	18	58.2	8.30	69.5	10.0	80.7	11.9	86.3	12.8	91.9	13.8	103	15.8	113	17.9
	20	58.2	8.45	69.5	10.2	80.7	12.1	86.3	13.1	91.9	14.3	103	17.0	111	18.8
	21	58.2	8.53	69.5	10.3	80.7	12.3	86.3	13.6	91.9	14.8	103	17.6	110	19.2
	23	58.2	8.69	69.5	10.8	80.7	13.2	86.3	14.5	91.9	15.9	103	18.8	109	20.1
	25	58.2	9.16	69.5	11.5	80.7	14.1	86.3	15.5	91.9	17.0	103	20.2	107	21.0
	27	58.2	9.75	69.5	12.3	80.7	15.1	86.3	16.6	91.9	18.2	103	21.6	106	21.9
	29	58.2	10.4	69.5	13.1	80.7	16.1	86.3	17.7	91.9	19.4	102	22.6	104	22.8
	31	58.2	11.0	69.5	13.9	80.7	17.1	86.3	18.9	91.9	20.7	100	23.5	102	23.6
	33	58.2	11.7	69.5	14.8	80.7	18.3	86.3	20.1	91.9	22.1	98.8	24.4	101	24.5
	35	58.2	12.4	69.5	15.7	80.7	19.4	86.3	21.5	91.9	23.6	97.3	25.2	99.4	25.4
	37	58.2	13.2	69.5	16.7	80.7	20.7	86.3	22.8	91.9	25.1	95.7	26.1	97.8	26.3
	39	58.2	14.0	69.5	17.8	80.7	22.0	86.3	24.3	91.9	26.7	94.1	27.0	96.2	27.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (680)	10	51.8	6.87	61.7	8.23	71.7	9.67	76.7	10.4	81.7	11.2	91.7	12.8	102	14.4
	12	51.8	6.99	61.7	8.37	71.7	9.85	76.7	10.6	81.7	11.4	91.7	13.0	102	14.6
	14	51.8	7.10	61.7	8.52	71.7	10.0	76.7	10.8	81.7	11.6	91.7	13.2	102	14.9
	16	51.8	7.22	61.7	8.67	71.7	10.2	76.7	11.0	81.7	11.8	91.7	13.5	102	15.2
	18	51.8	7.35	61.7	8.83	71.7	10.4	76.7	11.2	81.7	12.1	91.7	13.8	102	15.5
	20	51.8	7.48	61.7	9.00	71.7	10.6	76.7	11.4	81.7	12.3	91.7	14.3	102	16.6
	21	51.8	7.54	61.7	9.08	71.7	10.7	76.7	11.6	81.7	12.5	91.7	14.8	102	17.2
	23	51.8	7.68	61.7	9.26	71.7	11.2	76.7	12.3	81.7	13.4	91.7	15.8	102	18.4
	25	51.8	7.93	61.7	9.86	71.7	12.0	76.7	13.2	81.7	14.4	91.7	16.9	102	19.7
	27	51.8	8.44	61.7	10.5	71.7	12.8	76.7	14.0	81.7	15.3	91.7	18.1	102	21.1
	29	51.8	8.97	61.7	11.2	71.7	13.6	76.7	15.0	81.7	16.4	91.7	19.3	102	22.6
	31	51.8	9.52	61.7	11.9	71.7	14.5	76.7	16.0	81.7	17.4	91.7	20.6	100	23.4
	33	51.8	10.1	61.7	12.6	71.7	15.5	76.7	17.0	81.7	18.6	91.7	22.0	98.5	24.3
	35	51.8	10.7	61.7	13.4	71.7	16.5	76.7	18.1	81.7	19.8	91.7	23.5	97.0	25.2
	37	51.8	11.4	61.7	14.3	71.7	17.5	76.7	19.2	81.7	21.1	91.7	25.0	95.4	26.1
	39	51.8	12.0	61.7	15.1	71.7	18.6	76.7	20.5	81.7	22.4	91.7	26.6	93.9	27.0
70% (595)	10	45.3	6.04	54.0	7.17	62.8	8.37	67.1	9.00	71.5	9.64	80.2	11.0	89.0	12.3
	12	45.3	6.14	54.0	7.29	62.8	8.52	67.1	9.16	71.5	9.81	80.2	11.2	89.0	12.6
	14	45.3	6.23	54.0	7.41	62.8	8.67	67.1	9.32	71.5	9.99	80.2	11.4	89.0	12.8
	16	45.3	6.33	54.0	7.54	62.8	8.83	67.1	9.49	71.5	10.2	80.2	11.6	89.0	13.0
	18	45.3	6.44	54.0	7.67	62.8	8.99	67.1	9.67	71.5	10.4	80.2	11.8	89.0	13.3
	20	45.3	6.55	54.0	7.81	62.8	9.16	67.1	9.86	71.5	10.6	80.2	12.0	89.0	13.7
	21	45.3	6.60	54.0	7.88	62.8	9.25	67.1	9.95	71.5	10.7	80.2	12.2	89.0	14.1
	23	45.3	6.72	54.0	8.03	62.8	9.43	67.1	10.3	71.5	11.2	80.2	13.1	89.0	15.2
	25	45.3	6.84	54.0	8.35	62.8	10.1	67.1	11.0	71.5	11.9	80.2	14.0	89.0	16.2
	27	45.3	7.23	54.0	8.88	62.8	10.7	67.1	11.7	71.5	12.7	80.2	14.9	89.0	17.3
	29	45.3	7.67	54.0	9.44	62.8	11.4	67.1	12.5	71.5	13.6	80.2	15.9	89.0	18.5
	31	45.3	8.13	54.0	10.0	62.8	12.1	67.1	13.3	71.5	14.5	80.2	17.0	89.0	19.7
	33	45.3	8.62	54.0	10.7	62.8	12.9	67.1	14.1	71.5	15.4	80.2	18.1	89.0	21.1
	35	45.3	9.13	54.0	11.3	62.8	13.7	67.1	15.0	71.5	16.4	80.2	19.3	89.0	22.4
	37	45.3	9.66	54.0	12.0	62.8	14.6	67.1	16.0	71.5	17.4	80.2	20.5	89.0	23.9
	39	45.3	10.2	54.0	12.7	62.8	15.5	67.1	17.0	71.5	18.5	80.2	21.9	89.0	25.5
60% (510)	10	38.8	5.26	46.3	6.17	53.8	7.14	57.5	7.65	61.3	8.17	68.8	9.24	76.2	10.4
	12	38.8	5.33	46.3	6.27	53.8	7.26	57.5	7.78	61.3	8.31	68.8	9.40	76.2	10.5
	14	38.8	5.41	46.3	6.37	53.8	7.38	57.5	7.91	61.3	8.45	68.8	9.57	76.2	10.7
	16	38.8	5.49	46.3	6.47	53.8	7.51	57.5	8.05	61.3	8.60	68.8	9.75	76.2	10.9
	18	38.8	5.58	46.3	6.58	53.8	7.64	57.5	8.19	61.3	8.76	68.8	9.93	76.2	11.1
	20	38.8	5.66	46.3	6.69	53.8	7.78	57.5	8.34	61.3	8.93	68.8	10.1	76.2	11.4
	21	38.8	5.71	46.3	6.75	53.8	7.85	57.5	8.42	61.3	9.01	68.8	10.2	76.2	11.5
	23	38.8	5.80	46.3	6.86	53.8	7.99	57.5	8.58	61.3	9.18	68.8	10.6	76.2	12.2
	25	38.8	5.90	46.3	6.99	53.8	8.31	57.5	9.02	61.3	9.76	68.8	11.3	76.2	13.0
	27	38.8	6.11	46.3	7.41	53.8	8.84	57.5	9.60	61.3	10.4	68.8	12.1	76.2	13.9
	29	38.8	6.48	46.3	7.86	53.8	9.39	57.5	10.2	61.3	11.1	68.8	12.9	76.2	14.8
	31	38.8	6.86	46.3	8.34	53.8	9.98	57.5	10.9	61.3	11.8	68.8	13.7	76.2	15.8
	33	38.8	7.26	46.3	8.84	53.8	10.6	57.5	11.5	61.3	12.5	68.8	14.6	76.2	16.8
	35	38.8	7.67	46.3	9.37	53.8	11.2	57.5	12.2	61.3	13.3	68.8	15.5	76.2	17.9
	37	38.8	8.11	46.3	9.92	53.8	11.9	57.5	13.0	61.3	14.1	68.8	16.5	76.2	19.1
	39	38.8	8.57	46.3	10.5	53.8	12.6	57.5	13.8	61.3	15.0	68.8	17.5	76.2	20.3
50% (425)	10	32.4	4.52	38.6	5.23	44.8	5.99	47.9	6.38	51.1	6.78	57.3	7.62	63.5	8.49
	12	32.4	4.58	38.6	5.31	44.8	6.08	47.9	6.48	51.1	6.89	57.3	7.75	63.5	8.63
	14	32.4	4.64	38.6	5.38	44.8	6.17	47.9	6.58	51.1	7.01	57.3	7.88	63.5	8.79
	16	32.4	4.70	38.6	5.46	44.8	6.27	47.9	6.69	51.1	7.12	57.3	8.02	63.5	8.94
	18	32.4	4.77	38.6	5.55	44.8	6.37	47.9	6.80	51.1	7.25	57.3	8.16	63.5	9.11
	20	32.4	4.84	38.6	5.63	44.8	6.48	47.9	6.92	51.1	7.37	57.3	8.31	63.5	9.28
	21	32.4	4.87	38.6	5.68	44.8	6.53	47.9	6.98	51.1	7.44	57.3	8.39	63.5	9.37
	23	32.4	4.94	38.6	5.77	44.8	6.65	47.9	7.11	51.1	7.58	57.3	8.55	63.5	9.59
	25	32.4	5.02	38.6	5.87	44.8	6.77	47.9	7.25	51.1	7.81	57.3	8.97	63.5	10.2
	27	32.4	5.10	38.6	6.07	44.8	7.14	47.9	7.71	51.1	8.30	57.3	9.56	63.5	10.9
	29	32.4	5.39	38.6	6.44	44.8	7.58	47.9	8.19	51.1	8.82	57.3	10.2	63.5	11.6
	31	32.4	5.70	38.6	6.81	44.8	8.04	47.9	8.69	51.1	9.36	57.3	10.8	63.5	12.3
	33	32.4	6.02	38.6	7.21	44.8	8.51	47.9	9.21	51.1	9.94	57.3	11.5	63.5	13.1
	35	32.4	6.35	38.6	7.62	44.8	9.02	47.9	9.76	51.1	10.5	57.3	12.2	63.5	13.9
	37	32.4	6.70	38.6	8.05	44.8	9.54	47.9	10.3	51.1	11.2	57.3	12.9	63.5	14.8
	39	32.4	7.06	38.6	8.51	44.8	10.1	47.9	10.9	51.1	11.8	57.3	13.7	63.5	15.7

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ36THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1170)	10	89.8	12.4	107	15.2	124	18.1	129	18.5	131	18.1	134	17.3	137	16.6
	12	89.8	12.7	107	15.5	124	18.4	127	18.4	129	18.0	132	17.2	135	17.0
	14	89.8	12.9	107	15.8	124	18.7	126	18.3	127	17.9	131	17.8	134	17.9
	16	89.8	13.1	107	16.1	122	18.6	124	18.5	126	18.5	129	18.7	132	18.9
	18	89.8	13.4	107	16.4	121	19.3	122	19.4	124	19.5	127	19.7	130	19.9
	20	89.8	13.7	107	17.5	119	20.2	121	20.3	122	20.4	126	20.6	129	20.8
	21	89.8	14.1	107	18.1	118	20.7	120	20.8	121	20.9	125	21.1	128	21.3
	23	89.8	15.0	107	19.4	117	21.7	118	21.8	120	21.9	123	22.1	126	22.3
	25	89.8	16.1	107	20.8	115	22.6	116	22.7	118	22.8	121	23.1	125	23.3
	27	89.8	17.2	107	22.3	113	23.6	115	23.7	116	23.8	120	24.0	123	24.3
	29	89.8	18.3	107	23.8	112	24.5	113	24.6	115	24.8	118	25.0	121	25.3
	31	89.8	19.6	107	25.2	110	25.5	111	25.6	113	25.7	116	26.0	120	26.3
	33	89.8	20.9	105	26.1	108	26.4	110	26.6	111	26.7	115	27.0	118	27.3
	35	89.8	22.2	103	27.1	107	27.4	108	27.6	110	27.7	113	28.0	116	28.3
	37	89.8	23.7	102	28.0	105	28.4	106	28.5	108	28.7	111	29.0	115	29.3
	39	89.8	25.2	100	29.0	103	29.3	105	29.5	106	29.7	110	30.0	113	30.4
120% (1080)	10	82.9	11.4	98.9	13.9	115	16.5	123	17.8	129	18.6	132	17.9	135	17.2
	12	82.9	11.6	98.9	14.1	115	16.8	123	18.2	127	18.5	130	17.8	133	17.1
	14	82.9	11.8	98.9	14.4	115	17.1	123	18.5	125	18.4	128	17.7	131	17.8
	16	82.9	12.0	98.9	14.7	115	17.5	122	18.7	124	18.4	127	18.6	130	18.8
	18	82.9	12.2	98.9	15.0	115	18.1	120	19.3	122	19.4	125	19.5	128	19.7
	20	82.9	12.5	98.9	15.6	115	19.4	119	20.2	120	20.3	123	20.5	126	20.7
	21	82.9	12.6	98.9	16.1	115	20.1	118	20.7	119	20.8	122	21.0	125	21.2
	23	82.9	13.5	98.9	17.3	115	21.5	116	21.6	118	21.7	121	21.9	124	22.1
	25	82.9	14.4	98.9	18.5	113	22.5	115	22.6	116	22.7	119	22.9	122	23.1
	27	82.9	15.4	98.9	19.8	111	23.4	113	23.5	114	23.6	117	23.9	120	24.1
	29	82.9	16.4	98.9	21.1	110	24.4	111	24.5	113	24.6	116	24.8	119	25.1
	31	82.9	17.5	98.9	22.5	108	25.3	110	25.4	111	25.6	114	25.8	117	26.1
	33	82.9	18.6	98.9	24.0	106	26.3	108	26.4	109	26.5	112	26.8	115	27.1
	35	82.9	19.8	98.9	25.6	105	27.2	106	27.4	108	27.5	111	27.8	114	28.1
	37	82.9	21.1	98.9	27.3	103	28.2	105	28.3	106	28.5	109	28.8	112	29.1
	39	82.9	22.4	98.4	28.8	101	29.2	103	29.3	104	29.5	107	29.8	110	30.1
110% (990)	10	76.0	10.3	90.7	12.6	105	14.9	113	16.1	120	17.3	129	18.4	132	17.8
	12	76.0	10.5	90.7	12.8	105	15.2	113	16.4	120	17.7	128	18.3	130	17.7
	14	76.0	10.7	90.7	13.0	105	15.5	113	16.7	120	18.0	126	18.2	129	17.7
	16	76.0	10.9	90.7	13.3	105	15.8	113	17.1	120	18.4	124	18.5	127	18.6
	18	76.0	11.1	90.7	13.5	105	16.1	113	17.5	120	19.2	123	19.4	125	19.6
	20	76.0	11.3	90.7	13.8	105	17.1	113	18.8	118	20.2	121	20.4	124	20.5
	21	76.0	11.4	90.7	14.2	105	17.7	113	19.5	117	20.7	120	20.8	123	21.0
	23	76.0	12.0	90.7	15.2	105	18.9	113	20.9	116	21.6	118	21.8	121	22.0
	25	76.0	12.8	90.7	16.3	105	20.3	113	22.4	114	22.5	117	22.7	119	22.9
	27	76.0	13.6	90.7	17.4	105	21.7	111	23.4	112	23.5	115	23.7	118	23.9
	29	76.0	14.5	90.7	18.6	105	23.2	109	24.3	111	24.4	113	24.7	116	24.9
	31	76.0	15.5	90.7	19.8	105	24.7	108	25.3	109	25.4	112	25.6	115	25.9
	33	76.0	16.5	90.7	21.1	105	26.1	106	26.2	107	26.4	110	26.6	113	26.8
	35	76.0	17.5	90.7	22.5	103	27.1	104	27.2	106	27.3	108	27.6	111	27.8
	37	76.0	18.6	90.7	24.0	101	28.0	103	28.1	104	28.3	107	28.6	110	28.8
	39	76.0	19.8	90.7	25.5	99.6	29.0	101	29.1	102	29.3	105	29.5	108	29.8
100% (900)	10	69.1	9.30	82.4	11.3	95.7	13.4	102	14.4	109	15.5	122	17.8	129	18.4
	12	69.1	9.46	82.4	11.5	95.7	13.6	102	14.7	109	15.8	122	18.1	128	18.3
	14	69.1	9.63	82.4	11.7	95.7	13.9	102	15.0	109	16.1	122	18.4	126	18.2
	16	69.1	9.81	82.4	11.9	95.7	14.1	102	15.3	109	16.4	122	18.7	124	18.5
	18	69.1	9.99	82.4	12.2	95.7	14.4	102	15.6	109	16.8	120	19.3	123	19.4
	20	69.1	10.2	82.4	12.4	95.7	14.9	102	16.4	109	18.0	119	20.2	121	20.4
	21	69.1	10.3	82.4	12.5	95.7	15.4	102	17.0	109	18.6	118	20.7	120	20.8
	23	69.1	10.6	82.4	13.3	95.7	16.5	102	18.2	109	20.0	116	21.6	119	21.8
	25	69.1	11.3	82.4	14.3	95.7	17.6	102	19.5	109	21.4	114	22.6	117	22.8
	27	69.1	12.0	82.4	15.2	95.7	18.8	102	20.8	109	22.9	113	23.5	115	23.7
	29	69.1	12.8	82.4	16.2	95.7	20.1	102	22.2	109	24.3	111	24.5	114	24.7
	31	69.1	13.6	82.4	17.3	95.7	21.5	102	23.7	107	25.2	109	25.4	112	25.6
	33	69.1	14.5	82.4	18.4	95.7	22.9	102	25.3	105	26.2	108	26.4	110	26.6
	35	69.1	15.4	82.4	19.6	95.7	24.4	102	27.0	104	27.1	106	27.4	109	27.6
	37	69.1	16.3	82.4	20.9	95.7	26.0	101	28.0	102	28.1	104	28.3	107	28.6
	39	69.1	17.3	82.4	22.2	95.7	27.7	99.1	28.9	100	29.0	103	29.3	105	29.6
90% (810)	10	62.2	8.33	74.2	10.0	86.2	11.9	92.1	12.8	98.2	13.8	110	15.7	122	17.7
	12	62.2	8.47	74.2	10.2	86.2	12.1	92.1	13.0	98.2	14.0	110	16.0	122	18.0
	14	62.2	8.61	74.2	10.4	86.2	12.3	92.1	13.3	98.2	14.3	110	16.3	122	18.4
	16	62.2	8.77	74.2	10.6	86.2	12.5	92.1	13.5	98.2	14.6	110	16.6	122	18.7
	18	62.2	8.92	74.2	10.8	86.2	12.8	92.1	13.8	98.2	14.8	110	17.0	120	19.3
	20	62.2	9.09	74.2	11.0	86.2	13.0	92.1	14.1	98.2	15.4	110	18.2	119	20.2
	21	62.2	9.17	74.2	11.1	86.2	13.3	92.1	14.6	98.2	15.9	110	18.9	118	20.7
	23	62.2	9.35	74.2	11.6	86.2	14.2	92.1	15.6	98.2	17.1	110	20.3	116	21.6
	25	62.2	9.84	74.2	12.4	86.2	15.2	92.1	16.7	98.2	18.3	110	21.7	114	22.6
	27	62.2	10.5	74.2	13.2	86.2	16.2	92.1	17.8	98.2	19.5	110	23.2	113	23.5
	29	62.2	11.2	74.2	14.0	86.2	17.3	92.1	19.0	98.2	20.9	109	24.3	111	24.5
	31	62.2	11.9	74.2	15.0	86.2	18.4	92.1	20.3	98.2	22.3	107	25.2	109	25.4
	33	62.2	12.6	74.2	15.9	86.2	19.6	92.1	21.6	98.2	23.8	106	26.2	108	26.4
	35	62.2	13.4	74.2	16.9	86.2	20.9	92.1	23.1	98.2	25.3	104	27.1	106	27.4
	37	62.2	14.2	74.2	18.0	86.2	22.3	92.1	24.6	98.2	27.0	102	28.1	104	28.3
	39	62.2	15.1	74.2	19.1	86.2	23.7	92.1	26.2	98.2	28.8	101	29.1	103	29.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (720)	10	55.3	7.39	65.9	8.85	76.6	10.4	81.9	11.2	87.2	12.0	97.9	13.7	109	15.4
	12	55.3	7.51	65.9	9.00	76.6	10.6	81.9	11.4	87.2	12.2	97.9	14.0	109	15.7
	14	55.3	7.63	65.9	9.16	76.6	10.8	81.9	11.6	87.2	12.5	97.9	14.2	109	16.0
	16	55.3	7.76	65.9	9.33	76.6	11.0	81.9	11.8	87.2	12.7	97.9	14.5	109	16.4
	18	55.3	7.90	65.9	9.50	76.6	11.2	81.9	12.1	87.2	13.0	97.9	14.8	109	16.7
	20	55.3	8.04	65.9	9.67	76.6	11.4	81.9	12.3	87.2	13.2	97.9	15.3	109	17.8
	21	55.3	8.11	65.9	9.77	76.6	11.5	81.9	12.4	87.2	13.5	97.9	15.9	109	18.5
	23	55.3	8.26	65.9	9.96	76.6	12.1	81.9	13.2	87.2	14.4	97.9	17.0	109	19.8
	25	55.3	8.53	65.9	10.6	76.6	12.9	81.9	14.1	87.2	15.4	97.9	18.2	109	21.2
	27	55.3	9.07	65.9	11.3	76.6	13.8	81.9	15.1	87.2	16.5	97.9	19.5	109	22.7
	29	55.3	9.64	65.9	12.0	76.6	14.7	81.9	16.1	87.2	17.6	97.9	20.8	109	24.3
	31	55.3	10.2	65.9	12.8	76.6	15.6	81.9	17.2	87.2	18.8	97.9	22.2	107	25.2
	33	55.3	10.9	65.9	13.6	76.6	16.6	81.9	18.3	87.2	20.0	97.9	23.7	105	26.2
	35	55.3	11.5	65.9	14.4	76.6	17.7	81.9	19.4	87.2	21.3	97.9	25.2	104	27.1
	37	55.3	12.2	65.9	15.3	76.6	18.8	81.9	20.7	87.2	22.7	97.9	26.9	102	28.1
	39	55.3	12.9	65.9	16.3	76.6	20.0	81.9	22.0	87.2	24.1	97.9	28.7	100	29.0
70% (630)	10	48.4	6.50	57.7	7.71	67.0	9.00	71.7	9.68	76.3	10.4	85.7	11.8	95.0	13.2
	12	48.4	6.60	57.7	7.84	67.0	9.16	71.7	9.85	76.3	10.5	85.7	12.0	95.0	13.5
	14	48.4	6.70	57.7	7.97	67.0	9.32	71.7	10.0	76.3	10.7	85.7	12.2	95.0	13.8
	16	48.4	6.81	57.7	8.11	67.0	9.49	71.7	10.2	76.3	10.9	85.7	12.5	95.0	14.0
	18	48.4	6.92	57.7	8.25	67.0	9.66	71.7	10.4	76.3	11.2	85.7	12.7	95.0	14.3
	20	48.4	7.04	57.7	8.40	67.0	9.85	71.7	10.6	76.3	11.4	85.7	13.0	95.0	14.7
	21	48.4	7.10	57.7	8.48	67.0	9.94	71.7	10.7	76.3	11.5	85.7	13.2	95.0	15.2
	23	48.4	7.22	57.7	8.63	67.0	10.1	71.7	11.1	76.3	12.0	85.7	14.1	95.0	16.3
	25	48.4	7.35	57.7	8.98	67.0	10.8	71.7	11.8	76.3	12.8	85.7	15.1	95.0	17.4
	27	48.4	7.77	57.7	9.55	67.0	11.5	71.7	12.6	76.3	13.7	85.7	16.1	95.0	18.6
	29	48.4	8.24	57.7	10.2	67.0	12.3	71.7	13.4	76.3	14.6	85.7	17.1	95.0	19.9
	31	48.4	8.74	57.7	10.8	67.0	13.1	71.7	14.3	76.3	15.6	85.7	18.3	95.0	21.2
	33	48.4	9.26	57.7	11.5	67.0	13.9	71.7	15.2	76.3	16.6	85.7	19.5	95.0	22.6
	35	48.4	9.81	57.7	12.1	67.0	14.7	71.7	16.1	76.3	17.6	85.7	20.7	95.0	24.1
	37	48.4	10.4	57.7	12.9	67.0	15.7	71.7	17.2	76.3	18.7	85.7	22.1	95.0	25.7
	39	48.4	11.0	57.7	13.7	67.0	16.6	71.7	18.2	76.3	19.9	85.7	23.5	95.0	27.4
60% (540)	10	41.5	5.65	49.4	6.64	57.4	7.68	61.4	8.22	65.4	8.78	73.4	9.93	81.4	11.1
	12	41.5	5.73	49.4	6.74	57.4	7.81	61.4	8.36	65.4	8.93	73.4	10.1	81.4	11.3
	14	41.5	5.82	49.4	6.84	57.4	7.94	61.4	8.50	65.4	9.09	73.4	10.3	81.4	11.5
	16	41.5	5.90	49.4	6.95	57.4	8.07	61.4	8.65	65.4	9.25	73.4	10.5	81.4	11.8
	18	41.5	5.99	49.4	7.07	57.4	8.21	61.4	8.81	65.4	9.42	73.4	10.7	81.4	12.0
	20	41.5	6.09	49.4	7.19	57.4	8.36	61.4	8.97	65.4	9.60	73.4	10.9	81.4	12.2
	21	41.5	6.14	49.4	7.25	57.4	8.44	61.4	9.05	65.4	9.69	73.4	11.0	81.4	12.3
	23	41.5	6.24	49.4	7.38	57.4	8.59	61.4	9.23	65.4	9.87	73.4	11.4	81.4	13.1
	25	41.5	6.34	49.4	7.51	57.4	8.93	61.4	9.69	65.4	10.5	73.4	12.2	81.4	14.0
	27	41.5	6.57	49.4	7.97	57.4	9.50	61.4	10.3	65.4	11.2	73.4	13.0	81.4	15.0
	29	41.5	6.96	49.4	8.46	57.4	10.1	61.4	11.0	65.4	11.9	73.4	13.9	81.4	16.0
	31	41.5	7.37	49.4	8.97	57.4	10.7	61.4	11.7	65.4	12.7	73.4	14.8	81.4	17.0
	33	41.5	7.80	49.4	9.51	57.4	11.4	61.4	12.4	65.4	13.5	73.4	15.7	81.4	18.1
	35	41.5	8.25	49.4	10.1	57.4	12.1	61.4	13.2	65.4	14.3	73.4	16.7	81.4	19.3
	37	41.5	8.72	49.4	10.7	57.4	12.8	61.4	14.0	65.4	15.2	73.4	17.7	81.4	20.5
	39	41.5	9.21	49.4	11.3	57.4	13.6	61.4	14.8	65.4	16.1	73.4	18.9	81.4	21.8
50% (450)	10	34.5	4.86	41.2	5.62	47.9	6.44	51.2	6.86	54.5	7.29	61.2	8.19	67.8	9.12
	12	34.5	4.92	41.2	5.70	47.9	6.53	51.2	6.97	54.5	7.41	61.2	8.33	67.8	9.28
	14	34.5	4.99	41.2	5.79	47.9	6.64	51.2	7.08	54.5	7.53	61.2	8.47	67.8	9.45
	16	34.5	5.06	41.2	5.87	47.9	6.74	51.2	7.19	54.5	7.66	61.2	8.62	67.8	9.62
	18	34.5	5.13	41.2	5.96	47.9	6.85	51.2	7.31	54.5	7.79	61.2	8.77	67.8	9.79
	20	34.5	5.20	41.2	6.06	47.9	6.97	51.2	7.44	54.5	7.93	61.2	8.93	67.8	9.98
	21	34.5	5.24	41.2	6.10	47.9	7.03	51.2	7.51	54.5	8.00	61.2	9.02	67.8	10.1
	23	34.5	5.31	41.2	6.20	47.9	7.15	51.2	7.64	54.5	8.14	61.2	9.19	67.8	10.3
	25	34.5	5.40	41.2	6.31	47.9	7.27	51.2	7.80	54.5	8.39	61.2	9.65	67.8	11.0
	27	34.5	5.48	41.2	6.53	47.9	7.68	51.2	8.29	54.5	8.93	61.2	10.3	67.8	11.7
	29	34.5	5.80	41.2	6.92	47.9	8.15	51.2	8.80	54.5	9.48	61.2	10.9	67.8	12.5
	31	34.5	6.13	41.2	7.33	47.9	8.64	51.2	9.34	54.5	10.1	61.2	11.6	67.8	13.3
	33	34.5	6.47	41.2	7.75	47.9	9.15	51.2	9.90	54.5	10.7	61.2	12.3	67.8	14.1
	35	34.5	6.83	41.2	8.19	47.9	9.69	51.2	10.5	54.5	11.3	61.2	13.1	67.8	15.0
	37	34.5	7.20	41.2	8.66	47.9	10.3	51.2	11.1	54.5	12.0	61.2	13.9	67.8	15.9
	39	34.5	7.59	41.2	9.15	47.9	10.9	51.2	11.8	54.5	12.7	61.2	14.7	67.8	16.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ38THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1235)	10	93.9	13.3	112	16.3	130	19.4	135	19.8	136	19.4	140	18.6	143	17.7
	12	93.9	13.6	112	16.6	130	19.7	133	19.7	135	19.3	138	18.4	141	18.2
	14	93.9	13.8	112	16.9	130	20.0	131	19.6	133	19.2	136	19.0	140	19.2
	16	93.9	14.1	112	17.2	128	19.9	130	19.8	131	19.9	135	20.0	138	20.2
	18	93.9	14.4	112	17.6	126	20.7	128	20.8	129	20.9	133	21.1	136	21.3
	20	93.9	14.6	112	18.7	124	21.7	126	21.8	128	21.9	131	22.1	135	22.3
	21	93.9	15.0	112	19.4	123	22.2	125	22.3	127	22.4	130	22.6	134	22.8
	23	93.9	16.1	112	20.8	122	23.2	123	23.3	125	23.4	129	23.7	132	23.9
	25	93.9	17.2	112	22.3	120	24.2	122	24.3	123	24.4	127	24.7	130	25.0
	27	93.9	18.4	112	23.8	118	25.2	120	25.3	122	25.5	125	25.7	128	26.0
	29	93.9	19.6	112	25.5	117	26.2	118	26.4	120	26.5	123	26.8	127	27.1
	31	93.9	20.9	111	27.0	115	27.3	116	27.4	118	27.6	122	27.9	125	28.2
	33	93.9	22.3	110	28.0	113	28.3	115	28.5	116	28.6	120	28.9	123	29.2
	35	93.9	23.8	108	29.0	111	29.3	113	29.5	115	29.7	118	30.0	121	30.3
	37	93.9	25.3	106	30.0	110	30.4	111	30.6	113	30.7	116	31.1	120	31.4
	39	93.9	27.0	104	31.1	108	31.4	110	31.6	111	31.8	115	32.2	118	32.5
120% (1140)	10	86.6	12.2	103	14.9	120	17.7	128	19.1	134	19.9	137	19.1	141	18.4
	12	86.6	12.4	103	15.1	120	18.0	128	19.5	133	19.8	136	19.0	139	18.3
	14	86.6	12.6	103	15.4	120	18.3	128	19.8	131	19.7	134	18.9	137	19.1
	16	86.6	12.9	103	15.7	120	18.7	128	20.0	129	19.7	132	19.9	135	20.1
	18	86.6	13.1	103	16.0	120	19.3	126	20.6	127	20.7	130	20.9	134	21.1
	20	86.6	13.4	103	16.7	120	20.8	124	21.6	126	21.7	129	21.9	132	22.1
	21	86.6	13.5	103	17.3	120	21.5	123	22.2	125	22.3	128	22.5	131	22.7
	23	86.6	14.4	103	18.5	120	23.1	121	23.2	123	23.3	126	23.5	129	23.7
	25	86.6	15.4	103	19.8	118	24.1	120	24.2	121	24.3	124	24.5	128	24.8
	27	86.6	16.4	103	21.2	116	25.1	118	25.2	120	25.3	123	25.6	126	25.8
	29	86.6	17.5	103	22.6	115	26.1	116	26.2	118	26.3	121	26.6	124	26.9
	31	86.6	18.7	103	24.1	113	27.1	114	27.2	116	27.4	119	27.7	122	27.9
	33	86.6	19.9	103	25.7	111	28.1	113	28.3	114	28.4	117	28.7	121	29.0
	35	86.6	21.2	103	27.4	109	29.1	111	29.3	113	29.5	116	29.8	119	30.1
	37	86.6	22.5	103	29.2	108	30.2	109	30.3	111	30.5	114	30.8	117	31.2
	39	86.6	24.0	103	30.9	106	31.2	108	31.4	109	31.6	112	31.9	115	32.2
110% (1045)	10	79.4	11.0	94.7	13.4	110	16.0	118	17.3	125	18.6	135	19.7	138	19.0
	12	79.4	11.2	94.7	13.7	110	16.3	118	17.6	125	18.9	133	19.6	136	18.9
	14	79.4	11.4	94.7	14.0	110	16.6	118	17.9	125	19.3	132	19.5	134	18.9
	16	79.4	11.7	94.7	14.2	110	16.9	118	18.3	125	19.7	130	19.8	133	19.9
	18	79.4	11.9	94.7	14.5	110	17.2	118	18.8	125	20.6	128	20.8	131	21.0
	20	79.4	12.1	94.7	14.8	110	18.3	118	20.2	123	21.6	126	21.8	129	22.0
	21	79.4	12.2	94.7	15.2	110	18.9	118	20.9	123	22.1	125	22.3	128	22.5
	23	79.4	12.8	94.7	16.3	110	20.3	118	22.4	121	23.1	124	23.3	127	23.5
	25	79.4	13.7	94.7	17.5	110	21.7	118	24.0	119	24.1	122	24.3	125	24.6
	27	79.4	14.6	94.7	18.6	110	23.2	116	25.0	117	25.1	120	25.4	123	25.6
	29	79.4	15.5	94.7	19.9	110	24.8	114	26.0	116	26.2	119	26.4	121	26.6
	31	79.4	16.6	94.7	21.2	110	26.5	112	27.1	114	27.2	117	27.4	120	27.7
	33	79.4	17.6	94.7	22.6	109	27.9	111	28.1	112	28.2	115	28.5	118	28.7
	35	79.4	18.7	94.7	24.1	108	29.0	109	29.1	110	29.2	113	29.5	116	29.8
	37	79.4	19.9	94.7	25.7	106	30.0	107	30.1	109	30.3	112	30.6	114	30.9
	39	79.4	21.2	94.7	27.3	104	31.0	106	31.2	107	31.3	110	31.6	113	32.0
100% (950)	10	72.2	9.96	86.1	12.1	100	14.3	107	15.5	114	16.6	128	19.0	135	19.7
	12	72.2	10.1	86.1	12.3	100	14.6	107	15.8	114	16.9	128	19.4	134	19.6
	14	72.2	10.3	86.1	12.5	100	14.9	107	16.1	114	17.3	128	19.7	132	19.5
	16	72.2	10.5	86.1	12.8	100	15.1	107	16.4	114	17.6	127	20.0	130	19.8
	18	72.2	10.7	86.1	13.0	100	15.4	107	16.7	114	18.0	126	20.6	128	20.8
	20	72.2	10.9	86.1	13.3	100	15.9	107	17.5	114	19.2	124	21.6	127	21.8
	21	72.2	11.0	86.1	13.4	100	16.5	107	18.2	114	19.9	123	22.1	126	22.3
	23	72.2	11.3	86.1	14.3	100	17.6	107	19.5	114	21.4	121	23.2	124	23.3
	25	72.2	12.1	86.1	15.3	100	18.9	107	20.8	114	22.9	120	24.2	122	24.4
	27	72.2	12.8	86.1	16.3	100	20.2	107	22.3	114	24.5	118	25.2	120	25.4
	29	72.2	13.7	86.1	17.4	100	21.5	107	23.8	114	26.0	116	26.2	119	26.4
	31	72.2	14.6	86.1	18.5	100	23.0	107	25.4	112	27.0	114	27.2	117	27.5
	33	72.2	15.5	86.1	19.7	100	24.5	107	27.1	110	28.0	113	28.3	115	28.5
	35	72.2	16.5	86.1	21.0	100	26.1	107	28.9	108	29.0	111	29.3	114	29.5
	37	72.2	17.5	86.1	22.4	100	27.8	105	29.9	107	30.1	109	30.3	112	30.6
	39	72.2	18.6	86.1	23.8	100	29.7	104	31.0	105	31.1	107	31.4	110	31.7
90% (855)	10	65.0	8.92	77.5	10.8	90.0	12.7	96.3	13.7	103	14.7	115	16.8	128	19.0
	12	65.0	9.07	77.5	10.9	90.0	12.9	96.3	14.0	103	15.0	115	17.1	128	19.3
	14	65.0	9.22	77.5	11.1	90.0	13.2	96.3	14.2	103	15.3	115	17.5	128	19.7
	16	65.0	9.39	77.5	11.3	90.0	13.4	96.3	14.5	103	15.6	115	17.8	127	20.0
	18	65.0	9.55	77.5	11.6	90.0	13.7	96.3	14.8	103	15.9	115	18.2	126	20.6
	20	65.0	9.73	77.5	11.8	90.0	14.0	96.3	15.1	103	16.5	115	19.5	124	21.6
	21	65.0	9.82	77.5	11.9	90.0	14.2	96.3	15.6	103	17.1	115	20.2	123	22.1
	23	65.0	10.0	77.5	12.4	90.0	15.2	96.3	16.7	103	18.3	115	21.7	121	23.2
	25	65.0	10.5	77.5	13.2	90.0	16.2	96.3	17.9	103	19.6	115	23.2	120	24.2
	27	65.0	11.2	77.5	14.1	90.0	17.3	96.3	19.1	103	20.9	115	24.9	118	25.2
	29	65.0	11.9	77.5	15.0	90.0	18.5	96.3	20.4	103	22.3	114	26.0	116	26.2
	31	65.0	12.7	77.5	16.0	90.0	19.7	96.3	21.7	103	23.9	112	27.0	114	27.2
	33	65.0	13.5	77.5	17.0	90.0	21.0	96.3	23.2	103	25.4	110	28.0	113	28.3
	35	65.0	14.3	77.5	18.1	90.0	22.4	96.3	24.7	103	27.1	109	29.1	111	29.3
	37	65.0	15.2	77.5	19.3	90.0	23.8	96.3	26.3	103	28.9	107	30.1	109	30.3
	39	65.0	16.1	77.5	20.5	90.0	25.4	96.3	28.0	103	30.8	105	31.1	107	31.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (760)	10	57.8	7.91	68.9	9.48	80.0	11.1	85.6	12.0	91.2	12.9	102	14.7	113	16.5
	12	57.8	8.04	68.9	9.64	80.0	11.3	85.6	12.2	91.2	13.1	102	15.0	113	16.9
	14	57.8	8.18	68.9	9.81	80.0	11.5	85.6	12.4	91.2	13.4	102	15.2	113	17.2
	16	57.8	8.31	68.9	9.99	80.0	11.8	85.6	12.7	91.2	13.6	102	15.5	113	17.5
	18	57.8	8.46	68.9	10.2	80.0	12.0	85.6	12.9	91.2	13.9	102	15.8	113	17.9
	20	57.8	8.61	68.9	10.4	80.0	12.2	85.6	13.2	91.2	14.2	102	16.4	113	19.1
	21	57.8	8.68	68.9	10.5	80.0	12.3	85.6	13.3	91.2	14.4	102	17.0	113	19.8
	23	57.8	8.84	68.9	10.7	80.0	12.9	85.6	14.2	91.2	15.5	102	18.2	113	21.2
	25	57.8	9.13	68.9	11.3	80.0	13.8	85.6	15.1	91.2	16.5	102	19.5	113	22.7
	27	57.8	9.71	68.9	12.1	80.0	14.7	85.6	16.2	91.2	17.7	102	20.9	113	24.3
	29	57.8	10.3	68.9	12.9	80.0	15.7	85.6	17.2	91.2	18.8	102	22.3	113	26.0
	31	57.8	11.0	68.9	13.7	80.0	16.7	85.6	18.4	91.2	20.1	102	23.8	112	27.0
	33	57.8	11.6	68.9	14.5	80.0	17.8	85.6	19.6	91.2	21.4	102	25.3	110	28.0
	35	57.8	12.3	68.9	15.5	80.0	18.9	85.6	20.8	91.2	22.8	102	27.0	108	29.0
	37	57.8	13.1	68.9	16.4	80.0	20.1	85.6	22.2	91.2	24.3	102	28.8	106	30.1
	39	57.8	13.9	68.9	17.4	80.0	21.4	85.6	23.6	91.2	25.8	102	30.7	105	31.1
70% (665)	10	50.5	6.96	60.3	8.26	70.0	9.64	74.9	10.4	79.8	11.1	89.5	12.6	99.3	14.2
	12	50.5	7.07	60.3	8.39	70.0	9.81	74.9	10.5	79.8	11.3	89.5	12.8	99.3	14.4
	14	50.5	7.18	60.3	8.54	70.0	9.98	74.9	10.7	79.8	11.5	89.5	13.1	99.3	14.7
	16	50.5	7.29	60.3	8.68	70.0	10.2	74.9	10.9	79.8	11.7	89.5	13.3	99.3	15.0
	18	50.5	7.41	60.3	8.83	70.0	10.3	74.9	11.1	79.8	11.9	89.5	13.6	99.3	15.3
	20	50.5	7.54	60.3	8.99	70.0	10.5	74.9	11.3	79.8	12.2	89.5	13.9	99.3	15.7
	21	50.5	7.60	60.3	9.08	70.0	10.6	74.9	11.5	79.8	12.3	89.5	14.1	99.3	16.3
	23	50.5	7.73	60.3	9.24	70.0	10.9	74.9	11.8	79.8	12.9	89.5	15.1	99.3	17.4
	25	50.5	7.87	60.3	9.61	70.0	11.6	74.9	12.6	79.8	13.8	89.5	16.1	99.3	18.7
	27	50.5	8.32	60.3	10.2	70.0	12.3	74.9	13.5	79.8	14.7	89.5	17.2	99.3	19.9
	29	50.5	8.83	60.3	10.9	70.0	13.1	74.9	14.4	79.8	15.6	89.5	18.4	99.3	21.3
	31	50.5	9.36	60.3	11.5	70.0	14.0	74.9	15.3	79.8	16.7	89.5	19.6	99.3	22.7
	33	50.5	9.92	60.3	12.3	70.0	14.9	74.9	16.3	79.8	17.7	89.5	20.9	99.3	24.2
	35	50.5	10.5	60.3	13.0	70.0	15.8	74.9	17.3	79.8	18.9	89.5	22.2	99.3	25.8
	37	50.5	11.1	60.3	13.8	70.0	16.8	74.9	18.4	79.8	20.1	89.5	23.6	99.3	27.5
	39	50.5	11.8	60.3	14.6	70.0	17.8	74.9	19.5	79.8	21.3	89.5	25.2	99.3	29.3
60% (570)	10	43.3	6.05	51.7	7.10	60.0	8.22	64.2	8.80	68.4	9.40	76.7	10.6	85.1	11.9
	12	43.3	6.14	51.7	7.21	60.0	8.36	64.2	8.95	68.4	9.56	76.7	10.8	85.1	12.1
	14	43.3	6.23	51.7	7.33	60.0	8.50	64.2	9.11	68.4	9.73	76.7	11.0	85.1	12.4
	16	43.3	6.32	51.7	7.45	60.0	8.64	64.2	9.27	68.4	9.90	76.7	11.2	85.1	12.6
	18	43.3	6.42	51.7	7.57	60.0	8.79	64.2	9.43	68.4	10.1	76.7	11.4	85.1	12.8
	20	43.3	6.52	51.7	7.70	60.0	8.95	64.2	9.61	68.4	10.3	76.7	11.7	85.1	13.1
	21	43.3	6.57	51.7	7.77	60.0	9.03	64.2	9.69	68.4	10.4	76.7	11.8	85.1	13.2
	23	43.3	6.68	51.7	7.90	60.0	9.20	64.2	9.88	68.4	10.6	76.7	12.2	85.1	14.1
	25	43.3	6.79	51.7	8.04	60.0	9.56	64.2	10.4	68.4	11.2	76.7	13.1	85.1	15.0
	27	43.3	7.04	51.7	8.53	60.0	10.2	64.2	11.1	68.4	12.0	76.7	13.9	85.1	16.0
	29	43.3	7.46	51.7	9.05	60.0	10.8	64.2	11.8	68.4	12.7	76.7	14.8	85.1	17.1
	31	43.3	7.90	51.7	9.60	60.0	11.5	64.2	12.5	68.4	13.6	76.7	15.8	85.1	18.2
	33	43.3	8.35	51.7	10.2	60.0	12.2	64.2	13.3	68.4	14.4	76.7	16.8	85.1	19.4
	35	43.3	8.83	51.7	10.8	60.0	12.9	64.2	14.1	68.4	15.3	76.7	17.9	85.1	20.6
	37	43.3	9.33	51.7	11.4	60.0	13.7	64.2	15.0	68.4	16.2	76.7	19.0	85.1	22.0
	39	43.3	9.86	51.7	12.1	60.0	14.5	64.2	15.9	68.4	17.2	76.7	20.2	85.1	23.4
50% (475)	10	36.1	5.20	43.1	6.02	50.0	6.89	53.5	7.34	57.0	7.81	63.9	8.77	70.9	9.77
	12	36.1	5.27	43.1	6.11	50.0	7.00	53.5	7.46	57.0	7.93	63.9	8.92	70.9	9.94
	14	36.1	5.34	43.1	6.20	50.0	7.10	53.5	7.58	57.0	8.06	63.9	9.07	70.9	10.1
	16	36.1	5.41	43.1	6.29	50.0	7.22	53.5	7.70	57.0	8.20	63.9	9.23	70.9	10.3
	18	36.1	5.49	43.1	6.38	50.0	7.34	53.5	7.83	57.0	8.34	63.9	9.39	70.9	10.5
	20	36.1	5.57	43.1	6.48	50.0	7.46	53.5	7.97	57.0	8.49	63.9	9.57	70.9	10.7
	21	36.1	5.61	43.1	6.54	50.0	7.52	53.5	8.04	57.0	8.56	63.9	9.66	70.9	10.8
	23	36.1	5.69	43.1	6.64	50.0	7.65	53.5	8.18	57.0	8.72	63.9	9.84	70.9	11.0
	25	36.1	5.78	43.1	6.75	50.0	7.79	53.5	8.35	57.0	8.99	63.9	10.3	70.9	11.8
	27	36.1	5.87	43.1	6.99	50.0	8.22	53.5	8.88	57.0	9.56	63.9	11.0	70.9	12.5
	29	36.1	6.21	43.1	7.41	50.0	8.72	53.5	9.42	57.0	10.2	63.9	11.7	70.9	13.4
	31	36.1	6.56	43.1	7.84	50.0	9.25	53.5	10.0	57.0	10.8	63.9	12.4	70.9	14.2
	33	36.1	6.93	43.1	8.30	50.0	9.80	53.5	10.6	57.0	11.4	63.9	13.2	70.9	15.1
	35	36.1	7.31	43.1	8.77	50.0	10.4	53.5	11.2	57.0	12.1	63.9	14.0	70.9	16.1
	37	36.1	7.71	43.1	9.27	50.0	11.0	53.5	11.9	57.0	12.9	63.9	14.9	70.9	17.1
	39	36.1	8.13	43.1	9.79	50.0	11.6	53.5	12.6	57.0	13.6	63.9	15.8	70.9	18.1

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ40THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1300)	10	99.6	14.2	119	17.4	138	20.6	143	21.1	145	20.7	148	19.8	152	18.9
	12	99.6	14.4	119	17.7	138	21.0	141	21.0	143	20.5	146	19.6	150	19.3
	14	99.6	14.7	119	18.0	137	21.3	139	20.9	141	20.4	145	20.3	148	20.4
	16	99.6	15.0	119	18.4	136	21.2	137	21.0	139	21.1	143	21.3	146	21.5
	18	99.6	15.3	119	18.7	134	22.0	136	22.1	137	22.2	141	22.4	145	22.7
	20	99.6	15.6	119	20.0	132	23.1	134	23.2	136	23.3	139	23.5	143	23.8
	21	99.6	16.0	119	20.7	131	23.6	133	23.7	135	23.9	138	24.1	142	24.3
	23	99.6	17.2	119	22.2	129	24.7	131	24.8	133	24.9	136	25.2	140	25.5
	25	99.6	18.4	119	23.7	127	25.8	129	25.9	131	26.0	134	26.3	138	26.6
	27	99.6	19.6	119	25.4	125	26.9	127	27.0	129	27.1	133	27.4	136	27.7
	29	99.6	20.9	119	27.1	124	28.0	125	28.1	127	28.3	131	28.6	134	28.9
	31	99.6	22.3	118	28.7	122	29.0	124	29.2	125	29.4	129	29.7	133	30.0
	33	99.6	23.8	116	29.8	120	30.1	122	30.3	124	30.5	127	30.8	131	31.2
	35	99.6	25.3	114	30.9	118	31.2	120	31.4	122	31.6	125	32.0	129	32.3
	37	99.6	27.0	113	32.0	116	32.4	118	32.5	120	32.7	123	33.1	127	33.5
	39	99.6	28.7	111	33.1	114	33.5	116	33.7	118	33.9	122	34.3	125	34.7
120% (1200)	10	91.9	13.0	110	15.8	127	18.8	136	20.3	142	21.2	146	20.4	149	19.6
	12	91.9	13.2	110	16.1	127	19.2	136	20.7	141	21.1	144	20.3	147	19.5
	14	91.9	13.4	110	16.4	127	19.5	136	21.1	139	21.0	142	20.2	145	20.3
	16	91.9	13.7	110	16.7	127	19.9	135	21.3	137	21.0	140	21.2	144	21.4
	18	91.9	14.0	110	17.1	127	20.6	133	22.0	135	22.1	138	22.3	142	22.5
	20	91.9	14.2	110	17.8	127	22.1	132	23.1	133	23.2	137	23.4	140	23.6
	21	91.9	14.4	110	18.4	127	22.9	131	23.6	132	23.7	136	23.9	139	24.1
	23	91.9	15.3	110	19.7	127	24.6	129	24.7	130	24.8	134	25.0	137	25.3
	25	91.9	16.4	110	21.1	125	25.6	127	25.8	129	25.9	132	26.1	135	26.4
	27	91.9	17.5	110	22.5	123	26.7	125	26.8	127	27.0	130	27.2	133	27.5
	29	91.9	18.7	110	24.1	122	27.8	123	27.9	125	28.1	128	28.3	132	28.6
	31	91.9	19.9	110	25.7	120	28.9	121	29.0	123	29.2	126	29.5	130	29.7
	33	91.9	21.2	110	27.4	118	30.0	120	30.1	121	30.3	125	30.6	128	30.9
	35	91.9	22.6	110	29.2	116	31.1	118	31.2	119	31.4	123	31.7	126	32.0
	37	91.9	24.0	110	31.1	114	32.2	116	32.3	118	32.5	121	32.8	124	33.2
	39	91.9	25.6	109	32.9	112	33.3	114	33.4	116	33.6	119	34.0	122	34.3
110% (1100)	10	84.2	11.8	100	14.3	117	17.0	125	18.4	133	19.8	143	21.0	146	20.3
	12	84.2	12.0	100	14.6	117	17.3	125	18.7	133	20.2	141	20.9	144	20.2
	14	84.2	12.2	100	14.9	117	17.7	125	19.1	133	20.5	140	20.8	143	20.1
	16	84.2	12.4	100	15.2	117	18.0	125	19.5	133	20.9	138	21.1	141	21.2
	18	84.2	12.7	100	15.5	117	18.4	125	20.0	133	22.0	136	22.1	139	22.3
	20	84.2	12.9	100	15.8	117	19.5	125	21.5	131	23.0	134	23.2	137	23.4
	21	84.2	13.0	100	16.2	117	20.2	125	22.3	130	23.6	133	23.8	136	24.0
	23	84.2	13.6	100	17.4	117	21.6	125	23.9	128	24.6	131	24.8	134	25.1
	25	84.2	14.6	100	18.6	117	23.1	125	25.6	126	25.7	129	25.9	132	26.2
	27	84.2	15.5	100	19.9	117	24.7	123	26.7	125	26.8	128	27.0	131	27.3
	29	84.2	16.6	100	21.2	117	26.4	121	27.7	123	27.9	126	28.1	129	28.4
	31	84.2	17.6	100	22.6	117	28.2	119	28.8	121	29.0	124	29.2	127	29.5
	33	84.2	18.8	100	24.1	116	29.8	117	29.9	119	30.1	122	30.3	125	30.6
	35	84.2	20.0	100	25.7	114	30.9	116	31.0	117	31.2	120	31.5	123	31.8
	37	84.2	21.2	100	27.4	112	31.9	114	32.1	115	32.3	118	32.6	121	32.9
	39	84.2	22.6	100	29.1	110	33.0	112	33.2	113	33.4	116	33.7	120	34.0
100% (1000)	10	76.6	10.6	91.3	12.9	106	15.2	114	16.5	121	17.7	136	20.3	143	21.0
	12	76.6	10.8	91.3	13.1	106	15.5	114	16.8	121	18.1	136	20.6	142	20.8
	14	76.6	11.0	91.3	13.3	106	15.8	114	17.1	121	18.4	136	21.0	140	20.7
	16	76.6	11.2	91.3	13.6	106	16.1	114	17.4	121	18.8	135	21.3	138	21.1
	18	76.6	11.4	91.3	13.9	106	16.4	114	17.8	121	19.1	133	22.0	136	22.2
	20	76.6	11.6	91.3	14.1	106	16.9	114	18.7	121	20.5	131	23.1	134	23.2
	21	76.6	11.7	91.3	14.3	106	17.5	114	19.3	121	21.2	131	23.6	133	23.8
	23	76.6	12.0	91.3	15.2	106	18.8	114	20.7	121	22.8	129	24.7	131	24.9
	25	76.6	12.8	91.3	16.3	106	20.1	114	22.2	121	24.4	127	25.7	130	26.0
	27	76.6	13.7	91.3	17.4	106	21.5	114	23.7	121	26.1	125	26.8	128	27.0
	29	76.6	14.6	91.3	18.5	106	22.9	114	25.3	120	27.7	123	27.9	126	28.1
	31	76.6	15.5	91.3	19.7	106	24.5	114	27.1	119	28.8	121	29.0	124	29.3
	33	76.6	16.5	91.3	21.0	106	26.1	114	28.9	117	29.8	119	30.1	122	30.4
	35	76.6	17.5	91.3	22.4	106	27.8	114	30.8	115	30.9	118	31.2	120	31.5
	37	76.6	18.6	91.3	23.8	106	29.7	112	31.9	113	32.0	116	32.3	119	32.6
	39	76.6	19.8	91.3	25.3	106	31.6	110	33.0	111	33.1	114	33.4	117	33.7
90% (900)	10	68.9	9.50	82.2	11.5	95.5	13.5	102	14.6	109	15.7	122	17.9	135	20.2
	12	68.9	9.66	82.2	11.7	95.5	13.8	102	14.9	109	16.0	122	18.3	135	20.6
	14	68.9	9.83	82.2	11.9	95.5	14.0	102	15.1	109	16.3	122	18.6	135	21.0
	16	68.9	10.0	82.2	12.1	95.5	14.3	102	15.4	109	16.6	122	19.0	135	21.3
	18	68.9	10.2	82.2	12.3	95.5	14.6	102	15.7	109	16.9	122	19.4	133	22.0
	20	68.9	10.4	82.2	12.6	95.5	14.9	102	16.1	109	17.6	122	20.8	131	23.1
	21	68.9	10.5	82.2	12.7	95.5	15.1	102	16.6	109	18.2	122	21.5	131	23.6
	23	68.9	10.7	82.2	13.2	95.5	16.2	102	17.8	109	19.5	122	23.1	129	24.7
	25	68.9	11.2	82.2	14.1	95.5	17.3	102	19.0	109	20.9	122	24.7	127	25.7
	27	68.9	12.0	82.2	15.0	95.5	18.5	102	20.3	109	22.3	122	26.5	125	26.8
	29	68.9	12.7	82.2	16.0	95.5	19.7	102	21.7	109	23.8	121	27.7	123	27.9
	31	68.9	13.5	82.2	17.1	95.5	21.0	102	23.2	109	25.4	119	28.8	121	29.0
	33	68.9	14.4	82.2	18.1	95.5	22.4	102	24.7	109	27.1	117	29.9	119	30.1
	35	68.9	15.3	82.2	19.3	95.5	23.8	102	26.3	109	28.9	115	31.0	118	31.2
	37	68.9	16.2	82.2	20.5	95.5	25.4	102	28.0	109	30.8	113	32.0	116	32.3
	39	68.9	17.2	82.2	21.8	95.5	27.0	102	29.8	109	32.8	111	33.1	114	33.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (800)	10	61.3	8.43	73.1	10.1	84.9	11.9	90.8	12.8	96.7	13.7	109	15.6	120	17.6
	12	61.3	8.57	73.1	10.3	84.9	12.1	90.8	13.0	96.7	14.0	109	15.9	120	18.0
	14	61.3	8.71	73.1	10.4	84.9	12.3	90.8	13.3	96.7	14.2	109	16.2	120	18.3
	16	61.3	8.86	73.1	10.6	84.9	12.5	90.8	13.5	96.7	14.5	109	16.6	120	18.7
	18	61.3	9.01	73.1	10.8	84.9	12.8	90.8	13.8	96.7	14.8	109	16.9	120	19.0
	20	61.3	9.17	73.1	11.0	84.9	13.0	90.8	14.0	96.7	15.1	109	17.5	120	20.4
	21	61.3	9.25	73.1	11.1	84.9	13.1	90.8	14.2	96.7	15.4	109	18.1	120	21.1
	23	61.3	9.42	73.1	11.4	84.9	13.8	90.8	15.1	96.7	16.5	109	19.4	120	22.6
	25	61.3	9.73	73.1	12.1	84.9	14.7	90.8	16.1	96.7	17.6	109	20.8	120	24.2
	27	61.3	10.3	73.1	12.9	84.9	15.7	90.8	17.2	96.7	18.8	109	22.2	120	25.9
	29	61.3	11.0	73.1	13.7	84.9	16.7	90.8	18.4	96.7	20.1	109	23.7	120	27.7
	31	61.3	11.7	73.1	14.6	84.9	17.8	90.8	19.6	96.7	21.4	109	25.3	118	28.8
	33	61.3	12.4	73.1	15.5	84.9	19.0	90.8	20.8	96.7	22.8	109	27.0	117	29.8
	35	61.3	13.1	73.1	16.5	84.9	20.2	90.8	22.2	96.7	24.3	109	28.8	115	30.9
	37	61.3	13.9	73.1	17.5	84.9	21.5	90.8	23.6	96.7	25.9	109	30.7	113	32.0
	39	61.3	14.8	73.1	18.6	84.9	22.8	90.8	25.1	96.7	27.5	109	32.7	111	33.1
70% (700)	10	53.6	7.41	63.9	8.80	74.3	10.3	79.4	11.0	84.6	11.8	95.0	13.4	105	15.1
	12	53.6	7.53	63.9	8.94	74.3	10.4	79.4	11.2	84.6	12.0	95.0	13.7	105	15.4
	14	53.6	7.64	63.9	9.09	74.3	10.6	79.4	11.4	84.6	12.3	95.0	13.9	105	15.7
	16	53.6	7.77	63.9	9.25	74.3	10.8	79.4	11.6	84.6	12.5	95.0	14.2	105	16.0
	18	53.6	7.89	63.9	9.41	74.3	11.0	79.4	11.9	84.6	12.7	95.0	14.5	105	16.3
	20	53.6	8.03	63.9	9.58	74.3	11.2	79.4	12.1	84.6	13.0	95.0	14.8	105	16.8
	21	53.6	8.10	63.9	9.67	74.3	11.3	79.4	12.2	84.6	13.1	95.0	15.0	105	17.4
	23	53.6	8.24	63.9	9.85	74.3	11.6	79.4	12.6	84.6	13.7	95.0	16.1	105	18.6
	25	53.6	8.38	63.9	10.2	74.3	12.3	79.4	13.5	84.6	14.7	95.0	17.2	105	19.9
	27	53.6	8.86	63.9	10.9	74.3	13.2	79.4	14.4	84.6	15.6	95.0	18.3	105	21.3
	29	53.6	9.40	63.9	11.6	74.3	14.0	79.4	15.3	84.6	16.7	95.0	19.6	105	22.7
	31	53.6	9.97	63.9	12.3	74.3	14.9	79.4	16.3	84.6	17.7	95.0	20.9	105	24.2
	33	53.6	10.6	63.9	13.1	74.3	15.8	79.4	17.3	84.6	18.9	95.0	22.2	105	25.8
	35	53.6	11.2	63.9	13.9	74.3	16.8	79.4	18.4	84.6	20.1	95.0	23.7	105	27.5
	37	53.6	11.8	63.9	14.7	74.3	17.9	79.4	19.6	84.6	21.4	95.0	25.2	105	29.3
	39	53.6	12.5	63.9	15.6	74.3	19.0	79.4	20.8	84.6	22.7	95.0	26.8	105	31.2
60% (600)	10	46.0	6.45	54.8	7.57	63.7	8.76	68.1	9.38	72.5	10.0	81.4	11.3	90.2	12.7
	12	46.0	6.54	54.8	7.69	63.7	8.90	68.1	9.54	72.5	10.2	81.4	11.5	90.2	12.9
	14	46.0	6.64	54.8	7.81	63.7	9.05	68.1	9.70	72.5	10.4	81.4	11.7	90.2	13.2
	16	46.0	6.74	54.8	7.93	63.7	9.21	68.1	9.87	72.5	10.6	81.4	12.0	90.2	13.4
	18	46.0	6.84	54.8	8.06	63.7	9.37	68.1	10.0	72.5	10.7	81.4	12.2	90.2	13.7
	20	46.0	6.95	54.8	8.20	63.7	9.54	68.1	10.2	72.5	10.9	81.4	12.4	90.2	13.9
	21	46.0	7.00	54.8	8.27	63.7	9.62	68.1	10.3	72.5	11.0	81.4	12.5	90.2	14.1
	23	46.0	7.12	54.8	8.42	63.7	9.80	68.1	10.5	72.5	11.3	81.4	13.0	90.2	15.0
	25	46.0	7.23	54.8	8.57	63.7	10.2	68.1	11.1	72.5	12.0	81.4	13.9	90.2	16.0
	27	46.0	7.50	54.8	9.09	63.7	10.8	68.1	11.8	72.5	12.8	81.4	14.8	90.2	17.1
	29	46.0	7.94	54.8	9.64	63.7	11.5	68.1	12.5	72.5	13.6	81.4	15.8	90.2	18.2
	31	46.0	8.41	54.8	10.2	63.7	12.2	68.1	13.3	72.5	14.4	81.4	16.8	90.2	19.4
	33	46.0	8.90	54.8	10.8	63.7	13.0	68.1	14.1	72.5	15.3	81.4	17.9	90.2	20.7
	35	46.0	9.41	54.8	11.5	63.7	13.8	68.1	15.0	72.5	16.3	81.4	19.0	90.2	22.0
	37	46.0	9.94	54.8	12.2	63.7	14.6	68.1	15.9	72.5	17.3	81.4	20.2	90.2	23.4
	39	46.0	10.5	54.8	12.9	63.7	15.5	68.1	16.9	72.5	18.4	81.4	21.5	90.2	24.9
50% (500)	10	38.3	5.54	45.7	6.42	53.1	7.34	56.7	7.82	60.4	8.32	67.8	9.34	75.2	10.4
	12	38.3	5.61	45.7	6.51	53.1	7.45	56.7	7.95	60.4	8.45	67.8	9.50	75.2	10.6
	14	38.3	5.69	45.7	6.60	53.1	7.57	56.7	8.07	60.4	8.59	67.8	9.66	75.2	10.8
	16	38.3	5.77	45.7	6.70	53.1	7.69	56.7	8.21	60.4	8.74	67.8	9.83	75.2	11.0
	18	38.3	5.85	45.7	6.80	53.1	7.81	56.7	8.34	60.4	8.89	67.8	10.0	75.2	11.2
	20	38.3	5.93	45.7	6.91	53.1	7.95	56.7	8.49	60.4	9.04	67.8	10.2	75.2	11.4
	21	38.3	5.97	45.7	6.96	53.1	8.01	56.7	8.56	60.4	9.12	67.8	10.3	75.2	11.5
	23	38.3	6.06	45.7	7.08	53.1	8.15	56.7	8.71	60.4	9.29	67.8	10.5	75.2	11.8
	25	38.3	6.15	45.7	7.19	53.1	8.30	56.7	8.90	60.4	9.57	67.8	11.0	75.2	12.5
	27	38.3	6.25	45.7	7.45	53.1	8.76	56.7	9.45	60.4	10.2	67.8	11.7	75.2	13.4
	29	38.3	6.61	45.7	7.89	53.1	9.29	56.7	10.0	60.4	10.8	67.8	12.5	75.2	14.2
	31	38.3	6.99	45.7	8.36	53.1	9.85	56.7	10.7	60.4	11.5	67.8	13.2	75.2	15.1
	33	38.3	7.38	45.7	8.84	53.1	10.4	56.7	11.3	60.4	12.2	67.8	14.1	75.2	16.1
	35	38.3	7.79	45.7	9.35	53.1	11.1	56.7	12.0	60.4	12.9	67.8	14.9	75.2	17.1
	37	38.3	8.22	45.7	9.88	53.1	11.7	56.7	12.7	60.4	13.7	67.8	15.9	75.2	18.2
	39	38.3	8.66	45.7	10.4	53.1	12.4	56.7	13.4	60.4	14.5	67.8	16.8	75.2	19.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ42THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1365)	10	105	15.0	126	18.4	146	21.9	151	22.4	153	21.9	157	21.0	161	20.0
	12	105	15.3	126	18.8	146	22.3	149	22.3	151	21.8	155	20.9	159	20.5
	14	105	15.6	126	19.1	145	22.6	147	22.1	149	21.7	153	21.5	157	21.7
	16	105	15.9	126	19.5	143	22.5	145	22.3	147	22.4	151	22.7	155	22.9
	18	105	16.2	126	19.9	141	23.4	143	23.5	145	23.6	149	23.8	153	24.0
	20	105	16.6	126	21.2	139	24.5	141	24.6	143	24.7	147	25.0	151	25.2
	21	105	17.0	126	21.9	138	25.1	140	25.2	142	25.3	146	25.6	150	25.8
	23	105	18.2	126	23.5	137	26.2	138	26.3	140	26.5	144	26.7	148	27.0
	25	105	19.5	126	25.2	135	27.4	136	27.5	138	27.6	142	27.9	146	28.2
	27	105	20.8	126	26.9	133	28.5	135	28.7	136	28.8	140	29.1	144	29.4
	29	105	22.2	126	28.8	131	29.7	133	29.8	134	30.0	138	30.3	142	30.6
	31	105	23.7	125	30.5	129	30.8	131	31.0	133	31.2	136	31.5	140	31.8
	33	105	25.2	123	31.6	127	32.0	129	32.2	131	32.3	134	32.7	138	33.1
	35	105	26.9	121	32.8	125	33.2	127	33.4	129	33.5	132	33.9	136	34.3
	37	105	28.6	119	33.9	123	34.3	125	34.5	127	34.7	130	35.1	134	35.5
	39	105	30.5	117	35.1	121	35.5	123	35.7	125	35.9	129	36.4	132	36.8
120% (1260)	10	97.2	13.7	116	16.8	135	20.0	144	21.6	151	22.5	154	21.6	158	20.8
	12	97.2	14.0	116	17.1	135	20.3	144	22.0	149	22.4	152	21.5	156	20.6
	14	97.2	14.3	116	17.4	135	20.7	144	22.4	147	22.3	150	21.4	154	21.5
	16	97.2	14.5	116	17.8	135	21.1	143	22.6	145	22.3	148	22.5	152	22.7
	18	97.2	14.8	116	18.1	135	21.9	141	23.3	143	23.4	146	23.7	150	23.9
	20	97.2	15.1	116	18.8	135	23.5	139	24.5	141	24.6	144	24.8	148	25.0
	21	97.2	15.3	116	19.5	135	24.4	138	25.0	140	25.2	143	25.4	147	25.6
	23	97.2	16.3	116	20.9	134	26.1	136	26.2	138	26.3	141	26.6	145	26.8
	25	97.2	17.4	116	22.4	132	27.2	134	27.3	136	27.5	140	27.7	143	28.0
	27	97.2	18.6	116	23.9	131	28.3	132	28.5	134	28.6	138	28.9	141	29.2
	29	97.2	19.8	116	25.6	129	29.5	130	29.6	132	29.8	136	30.1	139	30.4
	31	97.2	21.1	116	27.3	127	30.6	128	30.8	130	31.0	134	31.3	137	31.6
	33	97.2	22.5	116	29.1	125	31.8	126	32.0	128	32.1	132	32.5	135	32.8
	35	97.2	24.0	116	31.0	123	33.0	124	33.1	126	33.3	130	33.6	133	34.0
	37	97.2	25.5	116	33.1	121	34.1	123	34.3	124	34.5	128	34.9	131	35.2
	39	97.2	27.1	115	34.9	119	35.3	121	35.5	122	35.7	126	36.1	129	36.4
110% (1155)	10	89.1	12.5	106	15.2	123	18.1	132	19.5	141	21.0	151	22.3	155	21.5
	12	89.1	12.7	106	15.5	123	18.4	132	19.9	141	21.4	150	22.2	153	21.4
	14	89.1	12.9	106	15.8	123	18.7	132	20.3	141	21.8	148	22.1	151	21.4
	16	89.1	13.2	106	16.1	123	19.1	132	20.7	141	22.2	146	22.4	149	22.5
	18	89.1	13.4	106	16.4	123	19.5	132	21.2	140	23.3	144	23.5	147	23.7
	20	89.1	13.7	106	16.7	123	20.6	132	22.8	138	24.4	142	24.6	145	24.8
	21	89.1	13.8	106	17.2	123	21.4	132	23.6	138	25.0	141	25.2	144	25.4
	23	89.1	14.5	106	18.5	123	22.9	132	25.4	136	26.1	139	26.4	142	26.6
	25	89.1	15.5	106	19.7	123	24.5	132	27.2	134	27.3	137	27.5	140	27.8
	27	89.1	16.5	106	21.1	123	26.3	130	28.3	132	28.4	135	28.7	138	28.9
	29	89.1	17.6	106	22.5	123	28.1	128	29.4	130	29.6	133	29.9	136	30.1
	31	89.1	18.7	106	24.0	123	30.0	126	30.6	128	30.7	131	31.0	134	31.3
	33	89.1	19.9	106	25.6	123	31.6	124	31.7	126	31.9	129	32.2	132	32.5
	35	89.1	21.2	106	27.3	121	32.7	122	32.9	124	33.1	127	33.4	130	33.7
	37	89.1	22.5	106	29.0	119	33.9	120	34.1	122	34.2	125	34.6	128	34.9
	39	89.1	24.0	106	30.9	117	35.1	118	35.2	120	35.4	123	35.8	126	36.1
100% (1050)	10	81.0	11.3	96.6	13.7	112	16.2	120	17.5	128	18.8	143	21.5	152	22.2
	12	81.0	11.5	96.6	13.9	112	16.5	120	17.8	128	19.2	143	21.9	150	22.1
	14	81.0	11.7	96.6	14.2	112	16.8	120	18.1	128	19.5	143	22.3	148	22.0
	16	81.0	11.9	96.6	14.4	112	17.1	120	18.5	128	19.9	143	22.6	146	22.4
	18	81.0	12.1	96.6	14.7	112	17.5	120	18.9	128	20.3	141	23.3	144	23.5
	20	81.0	12.3	96.6	15.0	112	18.0	120	19.8	128	21.7	139	24.5	142	24.7
	21	81.0	12.4	96.6	15.1	112	18.6	120	20.5	128	22.5	138	25.0	141	25.2
	23	81.0	12.8	96.6	16.2	112	19.9	120	22.0	128	24.2	136	26.2	139	26.4
	25	81.0	13.6	96.6	17.3	112	21.3	120	23.5	128	25.9	134	27.3	137	27.5
	27	81.0	14.5	96.6	18.4	112	22.8	120	25.2	128	27.7	132	28.5	135	28.7
	29	81.0	15.5	96.6	19.7	112	24.4	120	26.9	127	29.4	130	29.6	133	29.9
	31	81.0	16.5	96.6	20.9	112	26.0	120	28.7	125	30.5	128	30.8	131	31.0
	33	81.0	17.5	96.6	22.3	112	27.7	120	30.6	123	31.7	126	31.9	129	32.2
	35	81.0	18.6	96.6	23.7	112	29.5	120	32.7	121	32.8	124	33.1	127	33.4
	37	81.0	19.8	96.6	25.3	112	31.5	118	33.8	120	34.0	122	34.3	125	34.6
	39	81.0	21.0	96.6	26.9	112	33.5	116	35.0	118	35.2	120	35.5	123	35.8
90% (945)	10	72.9	10.1	86.9	12.2	101	14.4	108	15.5	115	16.6	129	19.0	143	21.4
	12	72.9	10.3	86.9	12.4	101	14.6	108	15.8	115	17.0	129	19.4	143	21.8
	14	72.9	10.4	86.9	12.6	101	14.9	108	16.1	115	17.3	129	19.8	143	22.3
	16	72.9	10.6	86.9	12.8	101	15.2	108	16.4	115	17.6	129	20.1	143	22.6
	18	72.9	10.8	86.9	13.1	101	15.5	108	16.7	115	18.0	129	20.5	141	23.3
	20	72.9	11.0	86.9	13.3	101	15.8	108	17.0	115	18.6	129	22.1	139	24.5
	21	72.9	11.1	86.9	13.5	101	16.0	108	17.6	115	19.3	129	22.9	138	25.0
	23	72.9	11.3	86.9	14.0	101	17.2	108	18.9	115	20.7	129	24.5	136	26.2
	25	72.9	11.9	86.9	15.0	101	18.4	108	20.2	115	22.1	129	26.3	134	27.3
	27	72.9	12.7	86.9	16.0	101	19.6	108	21.6	115	23.7	129	28.1	132	28.5
	29	72.9	13.5	86.9	17.0	101	20.9	108	23.0	115	25.3	128	29.4	130	29.6
	31	72.9	14.3	86.9	18.1	101	22.3	108	24.6	115	27.0	126	30.5	128	30.8
	33	72.9	15.2	86.9	19.3	101	23.8	108	26.2	115	28.8	124	31.7	126	31.9
	35	72.9	16.2	86.9	20.5	101	25.3	108	27.9	115	30.7	122	32.9	124	33.1
	37	72.9	17.2	86.9	21.8	101	26.9	108	29.7	115	32.7	120	34.0	122	34.3
	39	72.9	18.2	86.9	23.1	101	28.7	108	31.7	115	34.8	118	35.2	120	35.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (840)	10	64.8	8.95	77.3	10.7	89.7	12.6	96.0	13.6	102	14.6	115	16.6	127	18.7
	12	64.8	9.09	77.3	10.9	89.7	12.8	96.0	13.8	102	14.8	115	16.9	127	19.1
	14	64.8	9.24	77.3	11.1	89.7	13.0	96.0	14.1	102	15.1	115	17.2	127	19.4
	16	64.8	9.40	77.3	11.3	89.7	13.3	96.0	14.3	102	15.4	115	17.6	127	19.8
	18	64.8	9.56	77.3	11.5	89.7	13.5	96.0	14.6	102	15.7	115	17.9	127	20.2
	20	64.8	9.73	77.3	11.7	89.7	13.8	96.0	14.9	102	16.0	115	18.6	127	21.6
	21	64.8	9.82	77.3	11.8	89.7	13.9	96.0	15.0	102	16.3	115	19.2	127	22.4
	23	64.8	10.0	77.3	12.1	89.7	14.6	96.0	16.0	102	17.5	115	20.6	127	24.0
	25	64.8	10.3	77.3	12.8	89.7	15.6	96.0	17.1	102	18.7	115	22.1	127	25.7
	27	64.8	11.0	77.3	13.7	89.7	16.7	96.0	18.3	102	20.0	115	23.6	127	27.5
	29	64.8	11.7	77.3	14.5	89.7	17.8	96.0	19.5	102	21.3	115	25.2	127	29.4
	31	64.8	12.4	77.3	15.5	89.7	18.9	96.0	20.8	102	22.7	115	26.9	125	30.5
	33	64.8	13.1	77.3	16.4	89.7	20.1	96.0	22.1	102	24.2	115	28.7	123	31.7
	35	64.8	13.9	77.3	17.5	89.7	21.4	96.0	23.5	102	25.8	115	30.6	121	32.8
	37	64.8	14.8	77.3	18.6	89.7	22.8	96.0	25.0	102	27.4	115	32.6	119	34.0
	39	64.8	15.7	77.3	19.7	89.7	24.2	96.0	26.6	102	29.2	115	34.7	117	35.1
70% (735)	10	56.7	7.87	67.6	9.34	78.5	10.9	84.0	11.7	89.5	12.5	100	14.3	111	16.0
	12	56.7	7.99	67.6	9.49	78.5	11.1	84.0	11.9	89.5	12.8	100	14.5	111	16.3
	14	56.7	8.11	67.6	9.65	78.5	11.3	84.0	12.1	89.5	13.0	100	14.8	111	16.6
	16	56.7	8.24	67.6	9.82	78.5	11.5	84.0	12.4	89.5	13.2	100	15.1	111	17.0
	18	56.7	8.38	67.6	9.99	78.5	11.7	84.0	12.6	89.5	13.5	100	15.4	111	17.3
	20	56.7	8.52	67.6	10.2	78.5	11.9	84.0	12.8	89.5	13.8	100	15.7	111	17.8
	21	56.7	8.59	67.6	10.3	78.5	12.0	84.0	13.0	89.5	13.9	100	15.9	111	18.4
	23	56.7	8.74	67.6	10.5	78.5	12.3	84.0	13.4	89.5	14.6	100	17.0	111	19.7
	25	56.7	8.90	67.6	10.9	78.5	13.1	84.0	14.3	89.5	15.5	100	18.2	111	21.1
	27	56.7	9.40	67.6	11.6	78.5	14.0	84.0	15.2	89.5	16.6	100	19.5	111	22.6
	29	56.7	9.98	67.6	12.3	78.5	14.9	84.0	16.2	89.5	17.7	100	20.8	111	24.1
	31	56.7	10.6	67.6	13.1	78.5	15.8	84.0	17.3	89.5	18.8	100	22.1	111	25.7
	33	56.7	11.2	67.6	13.9	78.5	16.8	84.0	18.4	89.5	20.0	100	23.6	111	27.4
	35	56.7	11.9	67.6	14.7	78.5	17.9	84.0	19.5	89.5	21.3	100	25.1	111	29.2
	37	56.7	12.6	67.6	15.6	78.5	19.0	84.0	20.8	89.5	22.7	100	26.7	111	31.1
	39	56.7	13.3	67.6	16.5	78.5	20.1	84.0	22.1	89.5	24.1	100	28.4	111	33.1
60% (630)	10	48.6	6.84	57.9	8.03	67.3	9.30	72.0	9.95	76.7	10.6	86.1	12.0	95.4	13.5
	12	48.6	6.94	57.9	8.16	67.3	9.45	72.0	10.1	76.7	10.8	86.1	12.2	95.4	13.7
	14	48.6	7.04	57.9	8.29	67.3	9.61	72.0	10.3	76.7	11.0	86.1	12.5	95.4	14.0
	16	48.6	7.15	57.9	8.42	67.3	9.77	72.0	10.5	76.7	11.2	86.1	12.7	95.4	14.2
	18	48.6	7.26	57.9	8.56	67.3	9.94	72.0	10.7	76.7	11.4	86.1	12.9	95.4	14.5
	20	48.6	7.37	57.9	8.70	67.3	10.1	72.0	10.9	76.7	11.6	86.1	13.2	95.4	14.8
	21	48.6	7.43	57.9	8.78	67.3	10.2	72.0	11.0	76.7	11.7	86.1	13.3	95.4	14.9
	23	48.6	7.55	57.9	8.93	67.3	10.4	72.0	11.2	76.7	12.0	86.1	13.8	95.4	15.9
	25	48.6	7.68	57.9	9.09	67.3	10.8	72.0	11.7	76.7	12.7	86.1	14.8	95.4	17.0
	27	48.6	7.96	57.9	9.64	67.3	11.5	72.0	12.5	76.7	13.5	86.1	15.7	95.4	18.1
	29	48.6	8.43	57.9	10.2	67.3	12.2	72.0	13.3	76.7	14.4	86.1	16.8	95.4	19.3
	31	48.6	8.93	57.9	10.9	67.3	13.0	72.0	14.1	76.7	15.3	86.1	17.9	95.4	20.6
	33	48.6	9.44	57.9	11.5	67.3	13.8	72.0	15.0	76.7	16.3	86.1	19.0	95.4	21.9
	35	48.6	9.98	57.9	12.2	67.3	14.6	72.0	15.9	76.7	17.3	86.1	20.2	95.4	23.3
	37	48.6	10.6	57.9	12.9	67.3	15.5	72.0	16.9	76.7	18.4	86.1	21.5	95.4	24.8
	39	48.6	11.1	57.9	13.7	67.3	16.4	72.0	17.9	76.7	19.5	86.1	22.8	95.4	26.4
50% (525)	10	40.5	5.88	48.3	6.81	56.1	7.79	60.0	8.30	63.9	8.83	71.7	9.91	79.5	11.0
	12	40.5	5.96	48.3	6.90	56.1	7.91	60.0	8.43	63.9	8.97	71.7	10.1	79.5	11.2
	14	40.5	6.04	48.3	7.00	56.1	8.03	60.0	8.57	63.9	9.12	71.7	10.3	79.5	11.4
	16	40.5	6.12	48.3	7.11	56.1	8.16	60.0	8.71	63.9	9.27	71.7	10.4	79.5	11.6
	18	40.5	6.20	48.3	7.22	56.1	8.29	60.0	8.85	63.9	9.43	71.7	10.6	79.5	11.9
	20	40.5	6.29	48.3	7.33	56.1	8.43	60.0	9.01	63.9	9.60	71.7	10.8	79.5	12.1
	21	40.5	6.34	48.3	7.39	56.1	8.50	60.0	9.09	63.9	9.68	71.7	10.9	79.5	12.2
	23	40.5	6.43	48.3	7.51	56.1	8.65	60.0	9.25	63.9	9.86	71.7	11.1	79.5	12.5
	25	40.5	6.53	48.3	7.63	56.1	8.81	60.0	9.44	63.9	10.2	71.7	11.7	79.5	13.3
	27	40.5	6.64	48.3	7.91	56.1	9.29	60.0	10.0	63.9	10.8	71.7	12.4	79.5	14.2
	29	40.5	7.02	48.3	8.38	56.1	9.86	60.0	10.7	63.9	11.5	71.7	13.2	79.5	15.1
	31	40.5	7.42	48.3	8.87	56.1	10.5	60.0	11.3	63.9	12.2	71.7	14.1	79.5	16.1
	33	40.5	7.83	48.3	9.38	56.1	11.1	60.0	12.0	63.9	12.9	71.7	14.9	79.5	17.1
	35	40.5	8.27	48.3	9.92	56.1	11.7	60.0	12.7	63.9	13.7	71.7	15.9	79.5	18.2
	37	40.5	8.72	48.3	10.5	56.1	12.4	60.0	13.5	63.9	14.5	71.7	16.8	79.5	19.3
	39	40.5	9.19	48.3	11.1	56.1	13.1	60.0	14.2	63.9	15.4	71.7	17.8	79.5	20.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ44THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1430)	10	110	16.0	131	19.6	152	23.3	157	23.8	159	23.3	163	22.3	167	21.3
	12	110	16.3	131	20.0	152	23.8	155	23.7	157	23.2	161	22.2	165	21.8
	14	110	16.6	131	20.4	151	24.1	153	23.6	155	23.1	159	22.9	163	23.1
	16	110	16.9	131	20.8	149	23.9	151	23.8	153	23.9	157	24.1	161	24.3
	18	110	17.3	131	21.2	147	24.9	149	25.0	151	25.1	155	25.3	159	25.6
	20	110	17.6	131	22.5	145	26.1	147	26.2	149	26.3	153	26.6	157	26.8
	21	110	18.1	131	23.4	144	26.7	146	26.8	148	26.9	152	27.2	156	27.5
	23	110	19.4	131	25.0	142	27.9	144	28.0	146	28.2	150	28.5	154	28.7
	25	110	20.7	131	26.8	140	29.1	142	29.3	144	29.4	148	29.7	152	30.0
	27	110	22.1	131	28.7	138	30.3	140	30.5	142	30.7	146	31.0	150	31.3
	29	110	23.6	131	30.6	136	31.6	138	31.7	140	31.9	144	32.2	148	32.6
	31	110	25.2	130	32.4	134	32.8	136	33.0	138	33.2	142	33.5	146	33.9
	33	110	26.9	128	33.7	132	34.0	134	34.2	136	34.4	140	34.8	144	35.2
	35	110	28.6	126	34.9	130	35.3	132	35.5	134	35.7	138	36.1	142	36.5
	37	110	30.5	124	36.1	128	36.5	130	36.8	132	37.0	136	37.4	140	37.8
	39	110	32.4	122	37.4	126	37.8	128	38.0	130	38.2	134	38.7	138	39.1
120% (1320)	10	101	14.6	121	17.9	140	21.3	150	23.0	157	23.9	161	23.0	164	22.1
	12	101	14.9	121	18.2	140	21.7	150	23.4	155	23.8	159	22.9	162	22.0
	14	101	15.2	121	18.6	140	22.1	150	23.9	153	23.7	157	22.8	160	22.9
	16	101	15.5	121	18.9	140	22.5	149	24.0	151	23.7	154	24.0	158	24.2
	18	101	15.8	121	19.3	140	23.3	147	24.8	149	25.0	152	25.2	156	25.4
	20	101	16.1	121	20.1	140	25.0	145	26.0	147	26.2	150	26.4	154	26.6
	21	101	16.2	121	20.8	140	25.9	144	26.7	146	26.8	149	27.0	153	27.3
	23	101	17.3	121	22.3	140	27.7	142	27.9	144	28.0	147	28.3	151	28.5
	25	101	18.5	121	23.8	138	28.9	140	29.1	142	29.2	145	29.5	149	29.8
	27	101	19.8	121	25.5	136	30.2	138	30.3	140	30.5	143	30.8	147	31.0
	29	101	21.1	121	27.2	134	31.4	136	31.5	138	31.7	141	32.0	145	32.3
	31	101	22.5	121	29.0	132	32.6	134	32.8	136	32.9	139	33.3	143	33.6
	33	101	23.9	121	31.0	130	33.8	132	34.0	134	34.2	137	34.5	141	34.9
	35	101	25.5	121	33.0	128	35.1	130	35.3	132	35.4	135	35.8	139	36.2
	37	101	27.1	121	35.2	126	36.3	128	36.5	129	36.7	133	37.1	137	37.5
	39	101	28.9	120	37.1	124	37.6	126	37.8	127	38.0	131	38.4	135	38.8
110% (1210)	10	92.8	13.3	111	16.2	129	19.2	137	20.8	146	22.3	158	23.7	161	22.9
	12	92.8	13.5	111	16.5	129	19.6	137	21.2	146	22.8	156	23.6	159	22.8
	14	92.8	13.8	111	16.8	129	20.0	137	21.6	146	23.2	154	23.5	157	22.8
	16	92.8	14.0	111	17.1	129	20.3	137	22.0	146	23.7	152	23.8	155	24.0
	18	92.8	14.3	111	17.5	129	20.7	137	22.6	146	24.8	150	25.0	153	25.2
	20	92.8	14.6	111	17.8	129	22.0	137	24.3	144	26.0	148	26.2	151	26.4
	21	92.8	14.7	111	18.3	129	22.8	137	25.2	143	26.6	147	26.8	150	27.1
	23	92.8	15.4	111	19.6	129	24.4	137	27.0	141	27.8	145	28.1	148	28.3
	25	92.8	16.5	111	21.0	129	26.1	137	28.9	139	29.0	143	29.3	146	29.5
	27	92.8	17.5	111	22.4	129	27.9	135	30.1	137	30.3	140	30.5	144	30.8
	29	92.8	18.7	111	23.9	129	29.9	133	31.3	135	31.5	138	31.8	142	32.1
	31	92.8	19.9	111	25.5	129	31.9	131	32.6	133	32.7	136	33.0	140	33.3
	33	92.8	21.2	111	27.2	128	33.6	129	33.8	131	33.9	134	34.3	138	34.6
	35	92.8	22.6	111	29.0	126	34.9	127	35.0	129	35.2	132	35.5	136	35.9
	37	92.8	24.0	111	30.9	124	36.1	125	36.3	127	36.4	130	36.8	134	37.1
	39	92.8	25.5	111	32.9	122	37.3	123	37.5	125	37.7	128	38.1	132	38.4
100% (1100)	10	84.3	12.0	101	14.5	117	17.2	125	18.6	133	20.0	149	22.9	158	23.7
	12	84.3	12.2	101	14.8	117	17.5	125	19.0	133	20.4	149	23.3	156	23.5
	14	84.3	12.4	101	15.1	117	17.9	125	19.3	133	20.8	149	23.7	154	23.4
	16	84.3	12.6	101	15.4	117	18.2	125	19.7	133	21.2	149	24.1	152	23.8
	18	84.3	12.9	101	15.7	117	18.6	125	20.1	133	21.6	147	24.8	150	25.0
	20	84.3	13.1	101	16.0	117	19.1	125	21.1	133	23.1	145	26.0	148	26.2
	21	84.3	13.2	101	16.1	117	19.8	125	21.8	133	24.0	144	26.6	147	26.9
	23	84.3	13.6	101	17.2	117	21.2	125	23.4	133	25.7	142	27.9	145	28.1
	25	84.3	14.5	101	18.4	117	22.7	125	25.1	133	27.5	140	29.1	143	29.3
	27	84.3	15.5	101	19.6	117	24.3	125	26.8	133	29.5	138	30.3	141	30.5
	29	84.3	16.5	101	20.9	117	25.9	125	28.6	133	31.3	136	31.5	139	31.8
	31	84.3	17.5	101	22.3	117	27.7	125	30.6	131	32.5	134	32.8	137	33.0
	33	84.3	18.6	101	23.7	117	29.5	125	32.6	129	33.7	132	34.0	135	34.3
	35	84.3	19.8	101	25.3	117	31.4	125	34.8	127	34.9	130	35.2	133	35.6
	37	84.3	21.0	101	26.9	117	33.5	123	36.0	124	36.2	128	36.5	131	36.8
	39	84.3	22.3	101	28.6	117	35.7	121	37.2	122	37.4	126	37.8	129	38.1
90% (990)	10	75.9	10.7	90.5	12.9	105	15.3	112	16.5	120	17.7	134	20.2	149	22.8
	12	75.9	10.9	90.5	13.2	105	15.6	112	16.8	120	18.1	134	20.6	149	23.2
	14	75.9	11.1	90.5	13.4	105	15.8	112	17.1	120	18.4	134	21.0	149	23.7
	16	75.9	11.3	90.5	13.7	105	16.1	112	17.4	120	18.8	134	21.4	149	24.1
	18	75.9	11.5	90.5	13.9	105	16.5	112	17.8	120	19.1	134	21.9	147	24.8
	20	75.9	11.7	90.5	14.2	105	16.8	112	18.1	120	19.8	134	23.5	145	26.0
	21	75.9	11.8	90.5	14.3	105	17.1	112	18.8	120	20.5	134	24.3	144	26.6
	23	75.9	12.0	90.5	14.9	105	18.3	112	20.1	120	22.0	134	26.1	142	27.9
	25	75.9	12.7	90.5	15.9	105	19.5	112	21.5	120	23.6	134	27.9	140	29.1
	27	75.9	13.5	90.5	17.0	105	20.9	112	23.0	120	25.2	134	29.9	138	30.3
	29	75.9	14.4	90.5	18.1	105	22.3	112	24.5	120	26.9	133	31.3	136	31.5
	31	75.9	15.3	90.5	19.3	105	23.7	112	26.2	120	28.7	131	32.5	134	32.8
	33	75.9	16.2	90.5	20.5	105	25.3	112	27.9	120	30.6	129	33.7	132	34.0
	35	75.9	17.2	90.5	21.8	105	26.9	112	29.7	120	32.6	127	35.0	130	35.2
	37	75.9	18.3	90.5	23.2	105	28.7	112	31.6	120	34.8	125	36.2	127	36.5
	39	75.9	19.4	90.5	24.6	105	30.5	112	33.7	120	37.0	123	37.4	125	37.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (880)	10	67.5	9.52	80.5	11.4	93.5	13.4	100	14.4	107	15.5	120	17.7	133	19.9
	12	67.5	9.68	80.5	11.6	93.5	13.6	100	14.7	107	15.8	120	18.0	133	20.3
	14	67.5	9.84	80.5	11.8	93.5	13.9	100	15.0	107	16.1	120	18.3	133	20.7
	16	67.5	10.0	80.5	12.0	93.5	14.1	100	15.3	107	16.4	120	18.7	133	21.1
	18	67.5	10.2	80.5	12.2	93.5	14.4	100	15.5	107	16.7	120	19.1	133	21.5
	20	67.5	10.4	80.5	12.5	93.5	14.7	100	15.9	107	17.0	120	19.8	133	23.0
	21	67.5	10.4	80.5	12.6	93.5	14.8	100	16.0	107	17.4	120	20.5	133	23.8
	23	67.5	10.6	80.5	12.8	93.5	15.6	100	17.0	107	18.6	120	21.9	133	25.5
	25	67.5	11.0	80.5	13.7	93.5	16.6	100	18.2	107	19.9	120	23.5	133	27.3
	27	67.5	11.7	80.5	14.5	93.5	17.7	100	19.4	107	21.2	120	25.1	133	29.2
	29	67.5	12.4	80.5	15.5	93.5	18.9	100	20.7	107	22.7	120	26.8	133	31.3
	31	67.5	13.2	80.5	16.5	93.5	20.1	100	22.1	107	24.2	120	28.6	130	32.5
	33	67.5	14.0	80.5	17.5	93.5	21.4	100	23.5	107	25.8	120	30.5	128	33.7
	35	67.5	14.8	80.5	18.6	93.5	22.8	100	25.1	107	27.4	120	32.5	126	34.9
	37	67.5	15.7	80.5	19.7	93.5	24.2	100	26.7	107	29.2	120	34.6	124	36.2
	39	67.5	16.7	80.5	21.0	93.5	25.8	100	28.4	107	31.1	120	36.9	122	37.4
70% (770)	10	59.0	8.37	70.4	9.94	81.8	11.6	87.5	12.5	93.2	13.4	105	15.2	116	17.1
	12	59.0	8.50	70.4	10.1	81.8	11.8	87.5	12.7	93.2	13.6	105	15.5	116	17.4
	14	59.0	8.63	70.4	10.3	81.8	12.0	87.5	12.9	93.2	13.8	105	15.7	116	17.7
	16	59.0	8.77	70.4	10.4	81.8	12.2	87.5	13.1	93.2	14.1	105	16.0	116	18.1
	18	59.0	8.92	70.4	10.6	81.8	12.4	87.5	13.4	93.2	14.4	105	16.4	116	18.4
	20	59.0	9.07	70.4	10.8	81.8	12.7	87.5	13.7	93.2	14.6	105	16.7	116	18.9
	21	59.0	9.14	70.4	10.9	81.8	12.8	87.5	13.8	93.2	14.8	105	16.9	116	19.6
	23	59.0	9.30	70.4	11.1	81.8	13.1	87.5	14.3	93.2	15.5	105	18.1	116	21.0
	25	59.0	9.47	70.4	11.6	81.8	13.9	87.5	15.2	93.2	16.5	105	19.4	116	22.5
	27	59.0	10.0	70.4	12.3	81.8	14.9	87.5	16.2	93.2	17.7	105	20.7	116	24.0
	29	59.0	10.6	70.4	13.1	81.8	15.8	87.5	17.3	93.2	18.8	105	22.1	116	25.6
	31	59.0	11.3	70.4	13.9	81.8	16.8	87.5	18.4	93.2	20.0	105	23.5	116	27.3
	33	59.0	11.9	70.4	14.8	81.8	17.9	87.5	19.6	93.2	21.3	105	25.1	116	29.2
	35	59.0	12.6	70.4	15.7	81.8	19.0	87.5	20.8	93.2	22.7	105	26.7	116	31.1
	37	59.0	13.4	70.4	16.6	81.8	20.2	87.5	22.1	93.2	24.1	105	28.4	116	33.1
	39	59.0	14.2	70.4	17.6	81.8	21.4	87.5	23.5	93.2	25.6	105	30.3	116	35.3
60% (660)	10	50.6	7.28	60.4	8.55	70.1	9.89	75.0	10.6	79.9	11.3	89.6	12.8	99.4	14.3
	12	50.6	7.39	60.4	8.68	70.1	10.1	75.0	10.8	79.9	11.5	89.6	13.0	99.4	14.6
	14	50.6	7.49	60.4	8.82	70.1	10.2	75.0	11.0	79.9	11.7	89.6	13.3	99.4	14.9
	16	50.6	7.61	60.4	8.96	70.1	10.4	75.0	11.1	79.9	11.9	89.6	13.5	99.4	15.1
	18	50.6	7.72	60.4	9.11	70.1	10.6	75.0	11.3	79.9	12.1	89.6	13.8	99.4	15.4
	20	50.6	7.84	60.4	9.26	70.1	10.8	75.0	11.6	79.9	12.4	89.6	14.0	99.4	15.7
	21	50.6	7.91	60.4	9.34	70.1	10.9	75.0	11.7	79.9	12.5	89.6	14.2	99.4	15.9
	23	50.6	8.04	60.4	9.51	70.1	11.1	75.0	11.9	79.9	12.7	89.6	14.7	99.4	16.9
	25	50.6	8.17	60.4	9.68	70.1	11.5	75.0	12.5	79.9	13.5	89.6	15.7	99.4	18.1
	27	50.6	8.47	60.4	10.3	70.1	12.2	75.0	13.3	79.9	14.4	89.6	16.8	99.4	19.3
	29	50.6	8.97	60.4	10.9	70.1	13.0	75.0	14.1	79.9	15.3	89.6	17.9	99.4	20.6
	31	50.6	9.50	60.4	11.6	70.1	13.8	75.0	15.0	79.9	16.3	89.6	19.0	99.4	21.9
	33	50.6	10.0	60.4	12.2	70.1	14.7	75.0	16.0	79.9	17.3	89.6	20.2	99.4	23.3
	35	50.6	10.6	60.4	13.0	70.1	15.6	75.0	17.0	79.9	18.4	89.6	21.5	99.4	24.8
	37	50.6	11.2	60.4	13.7	70.1	16.5	75.0	18.0	79.9	19.5	89.6	22.9	99.4	26.4
	39	50.6	11.9	60.4	14.5	70.1	17.5	75.0	19.1	79.9	20.7	89.6	24.3	99.4	28.1
50% (550)	10	42.2	6.26	50.3	7.25	58.4	8.29	62.5	8.84	66.6	9.39	74.7	10.6	82.8	11.8
	12	42.2	6.34	50.3	7.35	58.4	8.42	62.5	8.97	66.6	9.55	74.7	10.7	82.8	12.0
	14	42.2	6.43	50.3	7.45	58.4	8.55	62.5	9.12	66.6	9.70	74.7	10.9	82.8	12.2
	16	42.2	6.51	50.3	7.57	58.4	8.68	62.5	9.27	66.6	9.87	74.7	11.1	82.8	12.4
	18	42.2	6.60	50.3	7.68	58.4	8.83	62.5	9.42	66.6	10.0	74.7	11.3	82.8	12.6
	20	42.2	6.70	50.3	7.80	58.4	8.97	62.5	9.59	66.6	10.2	74.7	11.5	82.8	12.9
	21	42.2	6.75	50.3	7.86	58.4	9.05	62.5	9.67	66.6	10.3	74.7	11.6	82.8	13.0
	23	42.2	6.85	50.3	7.99	58.4	9.21	62.5	9.84	66.6	10.5	74.7	11.8	82.8	13.3
	25	42.2	6.95	50.3	8.12	58.4	9.37	62.5	10.0	66.6	10.8	74.7	12.4	82.8	14.2
	27	42.2	7.06	50.3	8.41	58.4	9.89	62.5	10.7	66.6	11.5	74.7	13.2	82.8	15.1
	29	42.2	7.47	50.3	8.91	58.4	10.5	62.5	11.3	66.6	12.2	74.7	14.1	82.8	16.1
	31	42.2	7.89	50.3	9.44	58.4	11.1	62.5	12.0	66.6	13.0	74.7	15.0	82.8	17.1
	33	42.2	8.34	50.3	9.98	58.4	11.8	62.5	12.8	66.6	13.8	74.7	15.9	82.8	18.2
	35	42.2	8.80	50.3	10.6	58.4	12.5	62.5	13.5	66.6	14.6	74.7	16.9	82.8	19.3
	37	42.2	9.28	50.3	11.2	58.4	13.2	62.5	14.3	66.6	15.5	74.7	17.9	82.8	20.5
	39	42.2	9.78	50.3	11.8	58.4	14.0	62.5	15.2	66.6	16.4	74.7	19.0	82.8	21.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ46THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1495)	10	114	17.0	136	20.8	158	24.7	164	25.2	166	24.7	170	23.7	174	22.6
	12	114	17.3	136	21.2	158	25.2	162	25.1	164	24.6	168	23.5	172	23.2
	14	114	17.6	136	21.6	157	25.5	159	25.0	162	24.5	166	24.3	170	24.5
	16	114	18.0	136	22.0	155	25.4	157	25.2	159	25.3	164	25.6	168	25.8
	18	114	18.3	136	22.4	153	26.4	155	26.5	157	26.6	161	26.9	166	27.1
	20	114	18.7	136	23.9	151	27.6	153	27.8	155	27.9	159	28.2	163	28.5
	21	114	19.2	136	24.8	150	28.3	152	28.4	154	28.6	158	28.9	162	29.1
	23	114	20.6	136	26.5	148	29.6	150	29.7	152	29.9	156	30.2	160	30.5
	25	114	22.0	136	28.4	146	30.9	148	31.0	150	31.2	154	31.5	158	31.8
	27	114	23.5	136	30.4	144	32.2	146	32.3	148	32.5	152	32.8	156	33.2
	29	114	25.1	136	32.5	142	33.5	144	33.7	146	33.8	150	34.2	154	34.6
	31	114	26.7	135	34.4	139	34.8	142	35.0	144	35.2	148	35.5	152	35.9
	33	114	28.5	133	35.7	137	36.1	139	36.3	141	36.5	146	36.9	150	37.3
	35	114	30.3	131	37.0	135	37.4	137	37.6	139	37.8	143	38.3	148	38.7
	37	114	32.3	129	38.3	133	38.8	135	39.0	137	39.2	141	39.6	145	40.1
	39	114	34.4	127	39.6	131	40.1	133	40.3	135	40.6	139	41.0	143	41.5
120% (1380)	10	105	15.5	126	19.0	146	22.5	156	24.4	163	25.4	167	24.4	171	23.5
	12	105	15.8	126	19.3	146	23.0	156	24.8	161	25.3	165	24.3	169	23.3
	14	105	16.1	126	19.7	146	23.4	156	25.3	159	25.1	163	24.1	167	24.3
	16	105	16.4	126	20.1	146	23.9	155	25.5	157	25.2	161	25.4	164	25.6
	18	105	16.7	126	20.5	146	24.7	153	26.3	155	26.5	159	26.7	162	26.9
	20	105	17.0	126	21.3	146	26.5	151	27.6	153	27.7	156	28.0	160	28.3
	21	105	17.2	126	22.0	146	27.5	150	28.3	152	28.4	155	28.7	159	28.9
	23	105	18.4	126	23.6	146	29.4	148	29.5	149	29.7	153	30.0	157	30.2
	25	105	19.6	126	25.3	144	30.7	145	30.8	147	31.0	151	31.3	155	31.6
	27	105	21.0	126	27.0	141	32.0	143	32.1	145	32.3	149	32.6	153	32.9
	29	105	22.4	126	28.8	139	33.3	141	33.4	143	33.6	147	33.9	151	34.3
	31	105	23.8	126	30.8	137	34.6	139	34.7	141	34.9	145	35.3	149	35.6
	33	105	25.4	126	32.8	135	35.9	137	36.1	139	36.2	143	36.6	146	37.0
	35	105	27.0	126	35.0	133	37.2	135	37.4	137	37.6	141	38.0	144	38.4
	37	105	28.8	126	37.3	131	38.5	133	38.7	135	38.9	138	39.3	142	39.7
	39	105	30.6	125	39.4	129	39.8	131	40.0	133	40.3	136	40.7	140	41.1
110% (1265)	10	96.5	14.1	115	17.2	134	20.4	143	22.0	152	23.7	164	25.2	168	24.3
	12	96.5	14.3	115	17.5	134	20.8	143	22.4	152	24.1	162	25.0	165	24.1
	14	96.5	14.6	115	17.8	134	21.2	143	22.9	152	24.6	160	24.9	163	24.1
	16	96.5	14.9	115	18.1	134	21.6	143	23.3	152	25.1	158	25.2	161	25.4
	18	96.5	15.2	115	18.5	134	22.0	143	24.0	152	26.3	156	26.5	159	26.7
	20	96.5	15.5	115	18.9	134	23.3	143	25.7	150	27.6	154	27.8	157	28.0
	21	96.5	15.6	115	19.4	134	24.1	143	26.7	149	28.2	152	28.5	156	28.7
	23	96.5	16.3	115	20.8	134	25.9	143	28.6	147	29.5	150	29.8	154	30.0
	25	96.5	17.4	115	22.3	134	27.7	143	30.6	145	30.8	148	31.1	152	31.3
	27	96.5	18.6	115	23.8	134	29.6	141	31.9	143	32.1	146	32.4	150	32.7
	29	96.5	19.8	115	25.4	134	31.7	139	33.2	141	33.4	144	33.7	147	34.0
	31	96.5	21.1	115	27.1	134	33.8	137	34.5	138	34.7	142	35.0	145	35.3
	33	96.5	22.5	115	28.9	133	35.7	135	35.8	136	36.0	140	36.3	143	36.7
	35	96.5	23.9	115	30.8	131	37.0	132	37.1	134	37.3	138	37.7	141	38.0
	37	96.5	25.4	115	32.8	129	38.3	130	38.4	132	38.6	136	39.0	139	39.4
	39	96.5	27.0	115	34.9	126	39.6	128	39.8	130	40.0	133	40.4	137	40.8
100% (1150)	10	87.7	12.7	105	15.4	122	18.3	130	19.7	138	21.2	155	24.3	164	25.1
	12	87.7	12.9	105	15.7	122	18.6	130	20.1	138	21.6	155	24.7	162	25.0
	14	87.7	13.2	105	16.0	122	19.0	130	20.5	138	22.0	155	25.2	160	24.8
	16	87.7	13.4	105	16.3	122	19.3	130	20.9	138	22.5	155	25.5	158	25.2
	18	87.7	13.6	105	16.6	122	19.7	130	21.3	138	22.9	153	26.3	156	26.5
	20	87.7	13.9	105	16.9	122	20.3	130	22.4	138	24.5	151	27.6	154	27.8
	21	87.7	14.0	105	17.1	122	21.0	130	23.2	138	25.4	150	28.3	153	28.5
	23	87.7	14.4	105	18.2	122	22.5	130	24.8	138	27.3	147	29.5	151	29.8
	25	87.7	15.4	105	19.5	122	24.1	130	26.6	138	29.2	145	30.8	148	31.1
	27	87.7	16.4	105	20.8	122	25.7	130	28.4	138	31.2	143	32.1	146	32.4
	29	87.7	17.5	105	22.2	122	27.5	130	30.4	138	33.2	141	33.4	144	33.7
	31	87.7	18.6	105	23.6	122	29.3	130	32.4	136	34.4	139	34.7	142	35.0
	33	87.7	19.7	105	25.2	122	31.3	130	34.6	134	35.7	137	36.1	140	36.4
	35	87.7	21.0	105	26.8	122	33.3	130	36.9	132	37.0	135	37.4	138	37.7
	37	87.7	22.3	105	28.5	122	35.5	128	38.2	129	38.4	133	38.7	136	39.0
	39	87.7	23.7	105	30.3	122	37.8	126	39.5	127	39.7	131	40.0	134	40.4
90% (1035)	10	78.9	11.4	94.2	13.7	109	16.2	117	17.5	125	18.8	140	21.5	155	24.2
	12	78.9	11.6	94.2	14.0	109	16.5	117	17.8	125	19.1	140	21.9	155	24.6
	14	78.9	11.8	94.2	14.2	109	16.8	117	18.1	125	19.5	140	22.3	155	25.1
	16	78.9	12.0	94.2	14.5	109	17.1	117	18.5	125	19.9	140	22.7	155	25.5
	18	78.9	12.2	94.2	14.8	109	17.5	117	18.9	125	20.3	140	23.2	153	26.3
	20	78.9	12.4	94.2	15.0	109	17.8	117	19.2	125	21.0	140	24.9	151	27.6
	21	78.9	12.5	94.2	15.2	109	18.1	117	19.9	125	21.8	140	25.8	149	28.2
	23	78.9	12.8	94.2	15.8	109	19.4	117	21.3	125	23.3	140	27.7	147	29.5
	25	78.9	13.4	94.2	16.9	109	20.7	117	22.8	125	25.0	140	29.6	145	30.8
	27	78.9	14.3	94.2	18.0	109	22.1	117	24.4	125	26.7	140	31.7	143	32.1
	29	78.9	15.2	94.2	19.2	109	23.6	117	26.0	125	28.5	138	33.2	141	33.4
	31	78.9	16.2	94.2	20.4	109	25.2	117	27.7	125	30.4	136	34.5	139	34.7
	33	78.9	17.2	94.2	21.7	109	26.8	117	29.6	125	32.5	134	35.8	137	36.0
	35	78.9	18.3	94.2	23.1	109	28.6	117	31.5	125	34.6	132	37.1	135	37.4
	37	78.9	19.4	94.2	24.6	109	30.4	117	33.6	125	36.9	130	38.4	133	38.7
	39	78.9	20.6	94.2	26.1	109	32.4	117	35.7	125	39.3	128	39.7	130	40.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (920)	10	70.2	10.1	83.7	12.1	97.2	14.2	104	15.3	111	16.4	124	18.7	138	21.1
	12	70.2	10.3	83.7	12.3	97.2	14.5	104	15.6	111	16.7	124	19.1	138	21.5
	14	70.2	10.4	83.7	12.5	97.2	14.7	104	15.9	111	17.0	124	19.5	138	21.9
	16	70.2	10.6	83.7	12.7	97.2	15.0	104	16.2	111	17.4	124	19.8	138	22.3
	18	70.2	10.8	83.7	13.0	97.2	15.3	104	16.5	111	17.7	124	20.2	138	22.8
	20	70.2	11.0	83.7	13.2	97.2	15.6	104	16.8	111	18.1	124	21.0	138	24.4
	21	70.2	11.1	83.7	13.3	97.2	15.7	104	17.0	111	18.4	124	21.7	138	25.2
	23	70.2	11.3	83.7	13.6	97.2	16.5	104	18.1	111	19.7	124	23.3	138	27.1
	25	70.2	11.7	83.7	14.5	97.2	17.6	104	19.3	111	21.1	124	24.9	138	29.0
	27	70.2	12.4	83.7	15.4	97.2	18.8	104	20.6	111	22.5	124	26.6	138	31.0
	29	70.2	13.2	83.7	16.4	97.2	20.0	104	22.0	111	24.0	124	28.4	138	33.1
	31	70.2	14.0	83.7	17.5	97.2	21.3	104	23.4	111	25.6	124	30.3	136	34.4
	33	70.2	14.8	83.7	18.6	97.2	22.7	104	25.0	111	27.3	124	32.3	134	35.7
	35	70.2	15.7	83.7	19.7	97.2	24.2	104	26.6	111	29.1	124	34.5	131	37.0
	37	70.2	16.7	83.7	20.9	97.2	25.7	104	28.3	111	31.0	124	36.7	129	38.3
	39	70.2	17.7	83.7	22.2	97.2	27.3	104	30.1	111	33.0	124	39.1	127	39.7
70% (805)	10	61.4	8.88	73.2	10.5	85.1	12.3	91.0	13.2	96.9	14.2	109	16.1	121	18.1
	12	61.4	9.01	73.2	10.7	85.1	12.5	91.0	13.4	96.9	14.4	109	16.4	121	18.4
	14	61.4	9.15	73.2	10.9	85.1	12.7	91.0	13.7	96.9	14.7	109	16.7	121	18.8
	16	61.4	9.30	73.2	11.1	85.1	13.0	91.0	13.9	96.9	14.9	109	17.0	121	19.1
	18	61.4	9.45	73.2	11.3	85.1	13.2	91.0	14.2	96.9	15.2	109	17.3	121	19.5
	20	61.4	9.61	73.2	11.5	85.1	13.4	91.0	14.5	96.9	15.5	109	17.7	121	20.1
	21	61.4	9.69	73.2	11.6	85.1	13.6	91.0	14.6	96.9	15.7	109	18.0	121	20.8
	23	61.4	9.86	73.2	11.8	85.1	13.9	91.0	15.1	96.9	16.4	109	19.2	121	22.3
	25	61.4	10.0	73.2	12.3	85.1	14.8	91.0	16.1	96.9	17.5	109	20.6	121	23.8
	27	61.4	10.6	73.2	13.0	85.1	15.7	91.0	17.2	96.9	18.7	109	22.0	121	25.4
	29	61.4	11.3	73.2	13.9	85.1	16.8	91.0	18.3	96.9	20.0	109	23.4	121	27.2
	31	61.4	11.9	73.2	14.7	85.1	17.8	91.0	19.5	96.9	21.2	109	25.0	121	29.0
	33	61.4	12.7	73.2	15.6	85.1	19.0	91.0	20.7	96.9	22.6	109	26.6	121	30.9
	35	61.4	13.4	73.2	16.6	85.1	20.1	91.0	22.1	96.9	24.1	109	28.3	121	33.0
	37	61.4	14.2	73.2	17.6	85.1	21.4	91.0	23.4	96.9	25.6	109	30.2	121	35.1
	39	61.4	15.0	73.2	18.7	85.1	22.7	91.0	24.9	96.9	27.2	109	32.1	121	37.4
60% (690)	10	52.6	7.72	62.8	9.06	72.9	10.5	78.0	11.2	83.1	12.0	93.2	13.6	103	15.2
	12	52.6	7.83	62.8	9.20	72.9	10.7	78.0	11.4	83.1	12.2	93.2	13.8	103	15.5
	14	52.6	7.95	62.8	9.35	72.9	10.8	78.0	11.6	83.1	12.4	93.2	14.1	103	15.8
	16	52.6	8.07	62.8	9.50	72.9	11.0	78.0	11.8	83.1	12.6	93.2	14.3	103	16.1
	18	52.6	8.19	62.8	9.66	72.9	11.2	78.0	12.0	83.1	12.9	93.2	14.6	103	16.4
	20	52.6	8.32	62.8	9.82	72.9	11.4	78.0	12.3	83.1	13.1	93.2	14.9	103	16.7
	21	52.6	8.38	62.8	9.91	72.9	11.5	78.0	12.4	83.1	13.2	93.2	15.0	103	16.9
	23	52.6	8.52	62.8	10.1	72.9	11.7	78.0	12.6	83.1	13.5	93.2	15.6	103	17.9
	25	52.6	8.66	62.8	10.3	72.9	12.2	78.0	13.2	83.1	14.3	93.2	16.7	103	19.2
	27	52.6	8.98	62.8	10.9	72.9	13.0	78.0	14.1	83.1	15.3	93.2	17.8	103	20.4
	29	52.6	9.51	62.8	11.6	72.9	13.8	78.0	15.0	83.1	16.3	93.2	18.9	103	21.8
	31	52.6	10.1	62.8	12.3	72.9	14.7	78.0	15.9	83.1	17.3	93.2	20.2	103	23.2
	33	52.6	10.7	62.8	13.0	72.9	15.6	78.0	16.9	83.1	18.4	93.2	21.4	103	24.7
	35	52.6	11.3	62.8	13.8	72.9	16.5	78.0	18.0	83.1	19.5	93.2	22.8	103	26.3
	37	52.6	11.9	62.8	14.6	72.9	17.5	78.0	19.1	83.1	20.7	93.2	24.2	103	28.0
	39	52.6	12.6	62.8	15.4	72.9	18.6	78.0	20.2	83.1	22.0	93.2	25.8	103	29.8
50% (575)	10	43.9	6.64	52.3	7.68	60.8	8.79	65.0	9.37	69.2	9.96	77.7	11.2	86.1	12.5
	12	43.9	6.72	52.3	7.79	60.8	8.93	65.0	9.52	69.2	10.1	77.7	11.4	86.1	12.7
	14	43.9	6.81	52.3	7.90	60.8	9.06	65.0	9.67	69.2	10.3	77.7	11.6	86.1	12.9
	16	43.9	6.91	52.3	8.02	60.8	9.21	65.0	9.83	69.2	10.5	77.7	11.8	86.1	13.1
	18	43.9	7.00	52.3	8.14	60.8	9.36	65.0	9.99	69.2	10.6	77.7	12.0	86.1	13.4
	20	43.9	7.10	52.3	8.27	60.8	9.52	65.0	10.2	69.2	10.8	77.7	12.2	86.1	13.6
	21	43.9	7.15	52.3	8.34	60.8	9.60	65.0	10.3	69.2	10.9	77.7	12.3	86.1	13.8
	23	43.9	7.26	52.3	8.47	60.8	9.76	65.0	10.4	69.2	11.1	77.7	12.6	86.1	14.1
	25	43.9	7.37	52.3	8.61	60.8	9.94	65.0	10.7	69.2	11.5	77.7	13.2	86.1	15.0
	27	43.9	7.49	52.3	8.92	60.8	10.5	65.0	11.3	69.2	12.2	77.7	14.0	86.1	16.0
	29	43.9	7.92	52.3	9.45	60.8	11.1	65.0	12.0	69.2	13.0	77.7	14.9	86.1	17.0
	31	43.9	8.37	52.3	10.0	60.8	11.8	65.0	12.8	69.2	13.8	77.7	15.9	86.1	18.1
	33	43.9	8.84	52.3	10.6	60.8	12.5	65.0	13.5	69.2	14.6	77.7	16.9	86.1	19.3
	35	43.9	9.33	52.3	11.2	60.8	13.2	65.0	14.3	69.2	15.5	77.7	17.9	86.1	20.5
	37	43.9	9.84	52.3	11.8	60.8	14.0	65.0	15.2	69.2	16.4	77.7	19.0	86.1	21.8
	39	43.9	10.4	52.3	12.5	60.8	14.8	65.0	16.1	69.2	17.4	77.7	20.1	86.1	23.1

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ48THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1560)	10	118	17.9	141	22.0	164	26.1	170	26.7	172	26.1	176	25.0	181	23.9
	12	118	18.3	141	22.4	164	26.6	168	26.5	170	26.0	174	24.9	179	24.5
	14	118	18.6	141	22.8	163	27.0	166	26.4	168	25.8	172	25.6	176	25.9
	16	118	19.0	141	23.3	161	26.8	163	26.6	166	26.8	170	27.0	174	27.3
	18	118	19.4	141	23.7	159	27.9	161	28.0	163	28.1	168	28.4	172	28.7
	20	118	19.7	141	25.3	157	29.2	159	29.4	161	29.5	165	29.8	170	30.1
	21	118	20.3	141	26.2	156	29.9	158	30.0	160	30.2	164	30.5	169	30.8
	23	118	21.7	141	28.1	154	31.3	156	31.4	158	31.6	162	31.9	166	32.2
	25	118	23.2	141	30.0	151	32.6	154	32.8	156	33.0	160	33.3	164	33.6
	27	118	24.8	141	32.1	149	34.0	151	34.2	153	34.4	158	34.7	162	35.1
	29	118	26.5	141	34.3	147	35.4	149	35.6	151	35.8	156	36.1	160	36.5
	31	118	28.2	141	36.4	145	36.8	147	37.0	149	37.2	153	37.6	158	38.0
	33	118	30.1	138	37.7	143	38.2	145	38.4	147	38.6	151	39.0	155	39.4
	35	118	32.1	136	39.1	140	39.6	143	39.8	145	40.0	149	40.4	153	40.9
	37	118	34.2	134	40.5	138	41.0	140	41.2	143	41.4	147	41.9	151	42.4
	39	118	36.4	132	41.9	136	42.4	138	42.6	140	42.9	145	43.4	149	43.9
120% (1440)	10	109	16.4	130	20.0	151	23.8	162	25.7	169	26.8	173	25.8	177	24.8
	12	109	16.7	130	20.4	151	24.3	162	26.2	167	26.7	171	25.7	175	24.6
	14	109	17.0	130	20.8	151	24.7	162	26.7	165	26.6	169	25.5	173	25.7
	16	109	17.3	130	21.2	151	25.2	161	26.9	163	26.6	167	26.8	171	27.1
	18	109	17.7	130	21.6	151	26.1	159	27.8	161	28.0	165	28.2	169	28.5
	20	109	18.0	130	22.5	151	28.0	157	29.2	158	29.3	162	29.6	166	29.9
	21	109	18.2	130	23.3	151	29.0	155	29.9	157	30.0	161	30.3	165	30.6
	23	109	19.4	130	24.9	151	31.1	153	31.2	155	31.4	159	31.7	163	32.0
	25	109	20.8	130	26.7	149	32.4	151	32.6	153	32.8	157	33.1	161	33.4
	27	109	22.2	130	28.5	147	33.8	149	34.0	151	34.1	155	34.5	159	34.8
	29	109	23.6	130	30.5	145	35.2	147	35.3	149	35.5	153	35.9	156	36.2
	31	109	25.2	130	32.5	142	36.5	144	36.7	146	36.9	150	37.3	154	37.7
	33	109	26.8	130	34.7	140	37.9	142	38.1	144	38.3	148	38.7	152	39.1
	35	109	28.6	130	37.0	138	39.3	140	39.5	142	39.7	146	40.1	150	40.5
	37	109	30.4	130	39.4	136	40.7	138	40.9	140	41.1	144	41.6	148	42.0
	39	109	32.3	130	41.6	134	42.1	136	42.3	138	42.6	142	43.0	146	43.5
110% (1320)	10	100	14.9	120	18.1	139	21.5	148	23.3	158	25.0	170	26.6	174	25.7
	12	100	15.2	120	18.5	139	21.9	148	23.7	158	25.5	168	26.5	172	25.5
	14	100	15.4	120	18.8	139	22.4	148	24.2	158	26.0	166	26.3	170	25.5
	16	100	15.7	120	19.2	139	22.8	148	24.6	158	26.5	164	26.7	167	26.9
	18	100	16.0	120	19.6	139	23.2	148	25.3	158	27.8	162	28.0	165	28.3
	20	100	16.3	120	19.9	139	24.6	148	27.2	156	29.1	159	29.4	163	29.6
	21	100	16.5	120	20.6	139	25.5	148	28.2	155	29.8	158	30.1	162	30.3
	23	100	17.3	120	22.0	139	27.3	148	30.2	153	31.2	156	31.4	160	31.7
	25	100	18.4	120	23.5	139	29.3	148	32.4	150	32.5	154	32.8	158	33.1
	27	100	19.7	120	25.1	139	31.3	146	33.8	148	33.9	152	34.2	155	34.5
	29	100	21.0	120	26.8	139	33.5	144	35.1	146	35.3	150	35.6	153	35.9
	31	100	22.3	120	28.6	139	35.7	142	36.5	144	36.7	147	37.0	151	37.3
	33	100	23.8	120	30.5	138	37.7	140	37.9	142	38.0	145	38.4	149	38.8
	35	100	25.3	120	32.5	136	39.1	138	39.2	139	39.4	143	39.8	147	40.2
	37	100	26.9	120	34.6	134	40.4	135	40.6	137	40.8	141	41.2	144	41.6
	39	100	28.6	120	36.9	131	41.8	133	42.0	135	42.2	139	42.7	142	43.1
100% (1200)	10	91.1	13.4	109	16.3	126	19.3	135	20.8	144	22.4	161	25.6	171	26.5
	12	91.1	13.7	109	16.6	126	19.7	135	21.2	144	22.8	161	26.1	168	26.4
	14	91.1	13.9	109	16.9	126	20.0	135	21.6	144	23.3	161	26.6	166	26.2
	16	91.1	14.2	109	17.2	126	20.4	135	22.1	144	23.7	161	27.0	164	26.7
	18	91.1	14.4	109	17.5	126	20.8	135	22.5	144	24.2	159	27.8	162	28.0
	20	91.1	14.7	109	17.9	126	21.4	135	23.6	144	25.9	156	29.2	160	29.4
	21	91.1	14.8	109	18.1	126	22.2	135	24.5	144	26.9	155	29.9	159	30.1
	23	91.1	15.2	109	19.3	126	23.8	135	26.2	144	28.8	153	31.2	156	31.5
	25	91.1	16.3	109	20.6	126	25.5	135	28.1	144	30.9	151	32.6	154	32.8
	27	91.1	17.3	109	22.0	126	27.2	135	30.0	144	33.0	149	34.0	152	34.2
	29	91.1	18.4	109	23.4	126	29.0	135	32.1	143	35.0	147	35.3	150	35.6
	31	91.1	19.6	109	25.0	126	31.0	135	34.3	141	36.4	144	36.7	148	37.0
	33	91.1	20.9	109	26.6	126	33.1	135	36.5	139	37.8	142	38.1	145	38.4
	35	91.1	22.2	109	28.3	126	35.2	135	39.0	137	39.2	140	39.5	143	39.8
	37	91.1	23.6	109	30.1	126	37.5	133	40.4	134	40.5	138	40.9	141	41.3
	39	91.1	25.0	109	32.1	126	40.0	131	41.7	132	41.9	136	42.3	139	42.7
90% (1080)	10	82.0	12.0	97.8	14.5	114	17.1	121	18.5	129	19.9	145	22.7	161	25.6
	12	82.0	12.2	97.8	14.8	114	17.4	121	18.8	129	20.2	145	23.1	161	26.0
	14	82.0	12.4	97.8	15.0	114	17.8	121	19.2	129	20.6	145	23.6	161	26.5
	16	82.0	12.7	97.8	15.3	114	18.1	121	19.5	129	21.0	145	24.0	161	27.0
	18	82.0	12.9	97.8	15.6	114	18.5	121	19.9	129	21.4	145	24.5	159	27.8
	20	82.0	13.1	97.8	15.9	114	18.8	121	20.3	129	22.2	145	26.3	156	29.2
	21	82.0	13.2	97.8	16.0	114	19.1	121	21.0	129	23.0	145	27.3	155	29.9
	23	82.0	13.5	97.8	16.7	114	20.5	121	22.5	129	24.7	145	29.2	153	31.2
	25	82.0	14.2	97.8	17.8	114	21.9	121	24.1	129	26.4	145	31.3	151	32.6
	27	82.0	15.1	97.8	19.0	114	23.4	121	25.7	129	28.2	145	33.5	149	34.0
	29	82.0	16.1	97.8	20.3	114	25.0	121	27.5	129	30.1	144	35.1	146	35.3
	31	82.0	17.1	97.8	21.6	114	26.6	121	29.3	129	32.2	141	36.4	144	36.7
	33	82.0	18.2	97.8	23.0	114	28.3	121	31.2	129	34.3	139	37.8	142	38.1
	35	82.0	19.3	97.8	24.4	114	30.2	121	33.3	129	36.6	137	39.2	140	39.5
	37	82.0	20.5	97.8	26.0	114	32.1	121	35.5	129	39.0	135	40.6	138	40.9
	39	82.0	21.7	97.8	27.6	114	34.2	121	37.8	129	41.5	133	42.0	135	42.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (960)	10	72.9	10.7	86.9	12.8	101	15.0	108	16.2	115	17.4	129	19.8	143	22.3
	12	72.9	10.8	86.9	13.0	101	15.3	108	16.5	115	17.7	129	20.2	143	22.7
	14	72.9	11.0	86.9	13.2	101	15.6	108	16.8	115	18.0	129	20.6	143	23.2
	16	72.9	11.2	86.9	13.5	101	15.9	108	17.1	115	18.4	129	21.0	143	23.6
	18	72.9	11.4	86.9	13.7	101	16.2	108	17.4	115	18.7	129	21.4	143	24.1
	20	72.9	11.6	86.9	14.0	101	16.5	108	17.8	115	19.1	129	22.2	143	25.8
	21	72.9	11.7	86.9	14.1	101	16.6	108	17.9	115	19.5	129	22.9	143	26.7
	23	72.9	11.9	86.9	14.4	101	17.4	108	19.1	115	20.9	129	24.6	143	28.6
	25	72.9	12.3	86.9	15.3	101	18.6	108	20.4	115	22.3	129	26.3	143	30.6
	27	72.9	13.1	86.9	16.3	101	19.9	108	21.8	115	23.8	129	28.1	143	32.8
	29	72.9	13.9	86.9	17.4	101	21.2	108	23.2	115	25.4	129	30.0	143	35.0
	31	72.9	14.8	86.9	18.5	101	22.6	108	24.8	115	27.1	129	32.0	141	36.4
	33	72.9	15.7	86.9	19.6	101	24.0	108	26.4	115	28.9	129	34.2	139	37.8
	35	72.9	16.6	86.9	20.8	101	25.5	108	28.1	115	30.7	129	36.4	137	39.1
	37	72.9	17.6	86.9	22.1	101	27.2	108	29.9	115	32.7	129	38.8	134	40.5
	39	72.9	18.7	86.9	23.5	101	28.9	108	31.8	115	34.8	129	41.4	132	41.9
70% (840)	10	63.8	9.38	76.1	11.1	88.3	13.0	94.5	14.0	101	15.0	113	17.0	125	19.1
	12	63.8	9.53	76.1	11.3	88.3	13.2	94.5	14.2	101	15.2	113	17.3	125	19.5
	14	63.8	9.68	76.1	11.5	88.3	13.5	94.5	14.5	101	15.5	113	17.6	125	19.9
	16	63.8	9.83	76.1	11.7	88.3	13.7	94.5	14.7	101	15.8	113	18.0	125	20.2
	18	63.8	9.99	76.1	11.9	88.3	14.0	94.5	15.0	101	16.1	113	18.3	125	20.6
	20	63.8	10.2	76.1	12.1	88.3	14.2	94.5	15.3	101	16.4	113	18.7	125	21.2
	21	63.8	10.2	76.1	12.2	88.3	14.4	94.5	15.4	101	16.6	113	19.0	125	22.0
	23	63.8	10.4	76.1	12.5	88.3	14.6	94.5	16.0	101	17.4	113	20.3	125	23.5
	25	63.8	10.6	76.1	13.0	88.3	15.6	94.5	17.0	101	18.5	113	21.7	125	25.2
	27	63.8	11.2	76.1	13.8	88.3	16.6	94.5	18.2	101	19.8	113	23.2	125	26.9
	29	63.8	11.9	76.1	14.7	88.3	17.7	94.5	19.4	101	21.1	113	24.8	125	28.7
	31	63.8	12.6	76.1	15.6	88.3	18.9	94.5	20.6	101	22.5	113	26.4	125	30.6
	33	63.8	13.4	76.1	16.5	88.3	20.0	94.5	21.9	101	23.9	113	28.1	125	32.7
	35	63.8	14.2	76.1	17.5	88.3	21.3	94.5	23.3	101	25.4	113	29.9	125	34.8
	37	63.8	15.0	76.1	18.6	88.3	22.6	94.5	24.8	101	27.0	113	31.9	125	37.1
	39	63.8	15.9	76.1	19.7	88.3	24.0	94.5	26.3	101	28.7	113	33.9	125	39.5
60% (720)	10	54.7	8.16	65.2	9.58	75.7	11.1	81.0	11.9	86.3	12.7	96.8	14.3	107	16.1
	12	54.7	8.28	65.2	9.73	75.7	11.3	81.0	12.1	86.3	12.9	96.8	14.6	107	16.4
	14	54.7	8.40	65.2	9.88	75.7	11.5	81.0	12.3	86.3	13.1	96.8	14.9	107	16.7
	16	54.7	8.52	65.2	10.0	75.7	11.7	81.0	12.5	86.3	13.4	96.8	15.1	107	17.0
	18	54.7	8.66	65.2	10.2	75.7	11.9	81.0	12.7	86.3	13.6	96.8	15.4	107	17.3
	20	54.7	8.79	65.2	10.4	75.7	12.1	81.0	13.0	86.3	13.9	96.8	15.7	107	17.6
	21	54.7	8.86	65.2	10.5	75.7	12.2	81.0	13.1	86.3	14.0	96.8	15.9	107	17.8
	23	54.7	9.01	65.2	10.7	75.7	12.4	81.0	13.3	86.3	14.3	96.8	16.5	107	18.9
	25	54.7	9.16	65.2	10.8	75.7	12.9	81.0	14.0	86.3	15.2	96.8	17.6	107	20.2
	27	54.7	9.49	65.2	11.5	75.7	13.7	81.0	14.9	86.3	16.1	96.8	18.8	107	21.6
	29	54.7	10.1	65.2	12.2	75.7	14.6	81.0	15.9	86.3	17.2	96.8	20.0	107	23.0
	31	54.7	10.6	65.2	12.9	75.7	15.5	81.0	16.8	86.3	18.3	96.8	21.3	107	24.6
	33	54.7	11.3	65.2	13.7	75.7	16.4	81.0	17.9	86.3	19.4	96.8	22.7	107	26.2
	35	54.7	11.9	65.2	14.5	75.7	17.4	81.0	19.0	86.3	20.6	96.8	24.1	107	27.8
	37	54.7	12.6	65.2	15.4	75.7	18.5	81.0	20.2	86.3	21.9	96.8	25.6	107	29.6
	39	54.7	13.3	65.2	16.3	75.7	19.6	81.0	21.4	86.3	23.3	96.8	27.2	107	31.5
50% (600)	10	45.5	7.02	54.3	8.12	63.1	9.29	67.5	9.90	71.9	10.5	80.7	11.8	89.4	13.2
	12	45.5	7.11	54.3	8.23	63.1	9.43	67.5	10.1	71.9	10.7	80.7	12.0	89.4	13.4
	14	45.5	7.20	54.3	8.35	63.1	9.58	67.5	10.2	71.9	10.9	80.7	12.2	89.4	13.6
	16	45.5	7.30	54.3	8.48	63.1	9.73	67.5	10.4	71.9	11.1	80.7	12.4	89.4	13.9
	18	45.5	7.40	54.3	8.61	63.1	9.89	67.5	10.6	71.9	11.2	80.7	12.7	89.4	14.1
	20	45.5	7.51	54.3	8.74	63.1	10.1	67.5	10.7	71.9	11.4	80.7	12.9	89.4	14.4
	21	45.5	7.56	54.3	8.81	63.1	10.1	67.5	10.8	71.9	11.5	80.7	13.0	89.4	14.5
	23	45.5	7.67	54.3	8.96	63.1	10.3	67.5	11.0	71.9	11.8	80.7	13.3	89.4	14.9
	25	45.5	7.79	54.3	9.11	63.1	10.5	67.5	11.3	71.9	12.1	80.7	13.9	89.4	15.9
	27	45.5	7.92	54.3	9.43	63.1	11.1	67.5	12.0	71.9	12.9	80.7	14.8	89.4	16.9
	29	45.5	8.37	54.3	9.99	63.1	11.8	67.5	12.7	71.9	13.7	80.7	15.8	89.4	18.0
	31	45.5	8.85	54.3	10.6	63.1	12.5	67.5	13.5	71.9	14.5	80.7	16.8	89.4	19.2
	33	45.5	9.34	54.3	11.2	63.1	13.2	67.5	14.3	71.9	15.4	80.7	17.8	89.4	20.4
	35	45.5	9.86	54.3	11.8	63.1	14.0	67.5	15.1	71.9	16.4	80.7	18.9	89.4	21.6
	37	45.5	10.4	54.3	12.5	63.1	14.8	67.5	16.0	71.9	17.3	80.7	20.1	89.4	23.0
	39	45.5	11.0	54.3	13.2	63.1	15.7	67.5	17.0	71.9	18.4	80.7	21.3	89.4	24.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ50THY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1625)	10	123	19.0	146	23.3	170	27.7	176	28.3	179	27.7	183	26.6	187	25.4
	12	123	19.4	146	23.8	170	28.3	174	28.2	176	27.6	181	26.4	185	26.0
	14	123	19.8	146	24.2	170	28.6	172	28.0	174	27.4	178	27.2	183	27.5
	16	123	20.1	146	24.7	167	28.5	169	28.3	172	28.4	176	28.7	181	29.0
	18	123	20.5	146	25.2	165	29.6	167	29.7	169	29.9	174	30.2	178	30.4
	20	123	21.0	146	26.8	163	31.0	165	31.2	167	31.3	172	31.6	176	31.9
	21	123	21.5	146	27.8	162	31.7	164	31.9	166	32.1	170	32.4	175	32.7
	23	123	23.1	146	29.8	159	33.2	162	33.4	164	33.5	168	33.9	173	34.2
	25	123	24.7	146	31.9	157	34.6	159	34.8	161	35.0	166	35.4	170	35.7
	27	123	26.3	146	34.1	155	36.1	157	36.3	159	36.5	164	36.9	168	37.2
	29	123	28.1	146	36.5	152	37.6	155	37.8	157	38.0	161	38.4	166	38.8
	31	123	30.0	146	38.6	150	39.0	152	39.2	155	39.5	159	39.9	163	40.3
	33	123	32.0	143	40.1	148	40.5	150	40.7	152	41.0	157	41.4	161	41.9
	35	123	34.0	141	41.5	146	42.0	148	42.2	150	42.5	155	42.9	159	43.4
	37	123	36.3	139	43.0	143	43.5	146	43.7	148	44.0	152	44.5	157	45.0
	39	123	38.6	137	44.4	141	45.0	143	45.2	146	45.5	150	46.0	154	46.6
120% (1500)	10	113	17.4	135	21.3	157	25.3	168	27.3	176	28.5	180	27.4	184	26.3
	12	113	17.7	135	21.7	157	25.8	168	27.8	173	28.3	178	27.2	182	26.1
	14	113	18.1	135	22.1	157	26.3	168	28.4	171	28.2	175	27.1	179	27.3
	16	113	18.4	135	22.5	157	26.8	167	28.6	169	28.2	173	28.5	177	28.7
	18	113	18.8	135	22.9	157	27.7	165	29.5	167	29.7	171	30.0	175	30.2
	20	113	19.1	135	23.9	157	29.8	162	31.0	164	31.1	168	31.4	173	31.7
	21	113	19.3	135	24.7	157	30.8	161	31.7	163	31.9	167	32.1	171	32.4
	23	113	20.6	135	26.5	157	33.0	159	33.2	161	33.3	165	33.6	169	33.9
	25	113	22.0	135	28.3	155	34.4	157	34.6	159	34.8	163	35.1	167	35.4
	27	113	23.5	135	30.3	152	35.9	154	36.1	156	36.2	160	36.6	165	36.9
	29	113	25.1	135	32.3	150	37.3	152	37.5	154	37.7	158	38.1	162	38.5
	31	113	26.7	135	34.5	148	38.8	150	39.0	152	39.2	156	39.6	160	40.0
	33	113	28.5	135	36.8	145	40.3	148	40.5	150	40.7	154	41.1	158	41.5
	35	113	30.3	135	39.3	143	41.7	145	41.9	147	42.2	151	42.6	155	43.0
	37	113	32.3	135	41.8	141	43.2	143	43.4	145	43.7	149	44.1	153	44.6
	39	113	34.3	135	44.2	139	44.7	141	44.9	143	45.2	147	45.7	151	46.1
110% (1375)	10	104	15.8	124	19.2	144	22.9	154	24.7	164	26.6	177	28.2	180	27.2
	12	104	16.1	124	19.6	144	23.3	154	25.2	164	27.1	174	28.1	178	27.1
	14	104	16.4	124	20.0	144	23.7	154	25.7	164	27.6	172	27.9	176	27.1
	16	104	16.7	124	20.4	144	24.2	154	26.2	164	28.1	170	28.3	174	28.5
	18	104	17.0	124	20.8	144	24.7	154	26.9	164	29.5	168	29.7	171	30.0
	20	104	17.3	124	21.2	144	26.1	154	28.9	162	30.9	165	31.2	169	31.5
	21	104	17.5	124	21.8	144	27.1	154	29.9	160	31.7	164	31.9	168	32.2
	23	104	18.3	124	23.4	144	29.0	154	32.1	158	33.1	162	33.4	166	33.7
	25	104	19.6	124	25.0	144	31.1	154	34.4	156	34.5	160	34.8	163	35.2
	27	104	20.9	124	26.7	144	33.2	152	35.8	154	36.0	157	36.3	161	36.6
	29	104	22.3	124	28.5	144	35.5	149	37.3	151	37.5	155	37.8	159	38.1
	31	104	23.7	124	30.4	144	37.9	147	38.7	149	38.9	153	39.3	157	39.6
	33	104	25.2	124	32.4	143	40.0	145	40.2	147	40.4	151	40.8	154	41.1
	35	104	26.8	124	34.5	141	41.5	143	41.7	144	41.9	148	42.3	152	42.7
	37	104	28.5	124	36.7	138	42.9	140	43.1	142	43.3	146	43.8	150	44.2
	39	104	30.3	124	39.1	136	44.4	138	44.6	140	44.8	144	45.3	147	45.7
100% (1250)	10	94.5	14.3	113	17.3	131	20.5	140	22.1	149	23.8	167	27.2	177	28.2
	12	94.5	14.5	113	17.6	131	20.9	140	22.5	149	24.3	167	27.7	175	28.0
	14	94.5	14.8	113	17.9	131	21.3	140	23.0	149	24.7	167	28.3	172	27.9
	16	94.5	15.0	113	18.3	131	21.7	140	23.4	149	25.2	167	28.6	170	28.3
	18	94.5	15.3	113	18.6	131	22.1	140	23.9	149	25.7	164	29.5	168	29.8
	20	94.5	15.6	113	19.0	131	22.8	140	25.1	149	27.5	162	31.0	166	31.2
	21	94.5	15.8	113	19.2	131	23.6	140	26.0	149	28.5	161	31.7	164	31.9
	23	94.5	16.2	113	20.5	131	25.3	140	27.8	149	30.6	159	33.1	162	33.4
	25	94.5	17.3	113	21.9	131	27.0	140	29.8	149	32.8	157	34.6	160	34.9
	27	94.5	18.4	113	23.3	131	28.9	140	31.9	149	35.0	154	36.0	158	36.3
	29	94.5	19.6	113	24.9	131	30.8	140	34.1	149	37.2	152	37.5	155	37.8
	31	94.5	20.8	113	26.5	131	32.9	140	36.4	146	38.6	150	39.0	153	39.3
	33	94.5	22.2	113	28.2	131	35.1	140	38.8	144	40.1	147	40.4	151	40.8
	35	94.5	23.5	113	30.1	131	37.4	140	41.4	142	41.6	145	41.9	149	42.3
	37	94.5	25.0	113	32.0	131	39.8	138	42.8	139	43.0	143	43.4	146	43.8
	39	94.5	26.6	113	34.0	131	42.4	135	44.3	137	44.5	141	44.9	144	45.3
90% (1125)	10	85.0	12.8	101	15.4	118	18.2	126	19.6	134	21.1	151	24.1	167	27.1
	12	85.0	13.0	101	15.7	118	18.5	126	20.0	134	21.5	151	24.5	167	27.7
	14	85.0	13.2	101	15.9	118	18.9	126	20.4	134	21.9	151	25.0	167	28.2
	16	85.0	13.4	101	16.2	118	19.2	126	20.7	134	22.3	151	25.5	167	28.6
	18	85.0	13.7	101	16.6	118	19.6	126	21.2	134	22.7	151	26.0	164	29.5
	20	85.0	13.9	101	16.9	118	20.0	126	21.6	134	23.6	151	27.9	162	31.0
	21	85.0	14.1	101	17.0	118	20.3	126	22.3	134	24.4	151	29.0	161	31.7
	23	85.0	14.3	101	17.7	118	21.7	126	23.9	134	26.2	151	31.0	159	33.1
	25	85.0	15.1	101	18.9	118	23.2	126	25.6	134	28.0	151	33.2	156	34.6
	27	85.0	16.1	101	20.2	118	24.8	126	27.3	134	30.0	151	35.6	154	36.0
	29	85.0	17.1	101	21.5	118	26.5	126	29.2	134	32.0	149	37.2	152	37.5
	31	85.0	18.2	101	22.9	118	28.2	126	31.1	134	34.1	147	38.7	150	39.0
	33	85.0	19.3	101	24.4	118	30.1	126	33.2	134	36.4	144	40.1	147	40.4
	35	85.0	20.5	101	25.9	118	32.0	126	35.3	134	38.8	142	41.6	145	41.9
	37	85.0	21.7	101	27.6	118	34.1	126	37.6	134	41.4	140	43.1	143	43.4
	39	85.0	23.1	101	29.3	118	36.3	126	40.1	134	44.1	137	44.5	140	44.9

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1000)	10	75.6	11.3	90.1	13.6	105	15.9	112	17.2	119	18.4	134	21.0	148	23.7
	12	75.6	11.5	90.1	13.8	105	16.2	112	17.5	119	18.8	134	21.4	148	24.1
	14	75.6	11.7	90.1	14.0	105	16.5	112	17.8	119	19.1	134	21.8	148	24.6
	16	75.6	11.9	90.1	14.3	105	16.8	112	18.1	119	19.5	134	22.2	148	25.1
	18	75.6	12.1	90.1	14.6	105	17.1	112	18.5	119	19.9	134	22.7	148	25.6
	20	75.6	12.3	90.1	14.8	105	17.5	112	18.9	119	20.3	134	23.5	148	27.3
	21	75.6	12.4	90.1	15.0	105	17.7	112	19.0	119	20.7	134	24.4	148	28.3
	23	75.6	12.7	90.1	15.3	105	18.5	112	20.3	119	22.1	134	26.1	148	30.4
	25	75.6	13.1	90.1	16.2	105	19.8	112	21.7	119	23.7	134	27.9	148	32.5
	27	75.6	13.9	90.1	17.3	105	21.1	112	23.1	119	25.3	134	29.8	148	34.8
	29	75.6	14.8	90.1	18.4	105	22.5	112	24.7	119	27.0	134	31.9	148	37.2
	31	75.6	15.7	90.1	19.6	105	23.9	112	26.3	119	28.8	134	34.0	146	38.6
	33	75.6	16.6	90.1	20.8	105	25.5	112	28.0	119	30.6	134	36.3	144	40.1
	35	75.6	17.7	90.1	22.1	105	27.1	112	29.8	119	32.6	134	38.7	142	41.5
	37	75.6	18.7	90.1	23.5	105	28.8	112	31.7	119	34.7	134	41.2	139	43.0
	39	75.6	19.8	90.1	24.9	105	30.6	112	33.7	119	37.0	134	43.9	137	44.5
70% (875)	10	66.1	9.96	78.9	11.8	91.6	13.8	98.0	14.8	104	15.9	117	18.1	130	20.3
	12	66.1	10.1	78.9	12.0	91.6	14.0	98.0	15.1	104	16.2	117	18.4	130	20.7
	14	66.1	10.3	78.9	12.2	91.6	14.3	98.0	15.4	104	16.5	117	18.7	130	21.1
	16	66.1	10.4	78.9	12.4	91.6	14.5	98.0	15.6	104	16.8	117	19.1	130	21.5
	18	66.1	10.6	78.9	12.6	91.6	14.8	98.0	15.9	104	17.1	117	19.5	130	21.9
	20	66.1	10.8	78.9	12.9	91.6	15.1	98.0	16.2	104	17.4	117	19.8	130	22.5
	21	66.1	10.9	78.9	13.0	91.6	15.2	98.0	16.4	104	17.6	117	20.2	130	23.3
	23	66.1	11.1	78.9	13.2	91.6	15.5	98.0	17.0	104	18.4	117	21.6	130	25.0
	25	66.1	11.3	78.9	13.8	91.6	16.6	98.0	18.1	104	19.7	117	23.1	130	26.7
	27	66.1	11.9	78.9	14.6	91.6	17.7	98.0	19.3	104	21.0	117	24.6	130	28.6
	29	66.1	12.6	78.9	15.6	91.6	18.8	98.0	20.6	104	22.4	117	26.3	130	30.5
	31	66.1	13.4	78.9	16.5	91.6	20.0	98.0	21.9	104	23.8	117	28.0	130	32.5
	33	66.1	14.2	78.9	17.5	91.6	21.3	98.0	23.3	104	25.4	117	29.8	130	34.7
	35	66.1	15.0	78.9	18.6	91.6	22.6	98.0	24.7	104	27.0	117	31.8	130	37.0
	37	66.1	15.9	78.9	19.7	91.6	24.0	98.0	26.3	104	28.7	117	33.8	130	39.4
	39	66.1	16.8	78.9	20.9	91.6	25.5	98.0	27.9	104	30.5	117	36.0	130	41.9
60% (750)	10	56.7	8.67	67.6	10.2	78.5	11.8	84.0	12.6	89.5	13.5	100	15.2	111	17.1
	12	56.7	8.79	67.6	10.3	78.5	12.0	84.0	12.8	89.5	13.7	100	15.5	111	17.4
	14	56.7	8.92	67.6	10.5	78.5	12.2	84.0	13.0	89.5	13.9	100	15.8	111	17.7
	16	56.7	9.05	67.6	10.7	78.5	12.4	84.0	13.3	89.5	14.2	100	16.1	111	18.0
	18	56.7	9.19	67.6	10.8	78.5	12.6	84.0	13.5	89.5	14.4	100	16.4	111	18.4
	20	56.7	9.33	67.6	11.0	78.5	12.8	84.0	13.7	89.5	14.7	100	16.7	111	18.7
	21	56.7	9.41	67.6	11.1	78.5	12.9	84.0	13.9	89.5	14.8	100	16.8	111	18.9
	23	56.7	9.56	67.6	11.3	78.5	13.2	84.0	14.1	89.5	15.1	100	17.5	111	20.1
	25	56.7	9.72	67.6	11.5	78.5	13.7	84.0	14.9	89.5	16.1	100	18.7	111	21.5
	27	56.7	10.1	67.6	12.2	78.5	14.6	84.0	15.8	89.5	17.1	100	19.9	111	22.9
	29	56.7	10.7	67.6	13.0	78.5	15.5	84.0	16.8	89.5	18.2	100	21.2	111	24.5
	31	56.7	11.3	67.6	13.7	78.5	16.4	84.0	17.9	89.5	19.4	100	22.6	111	26.1
	33	56.7	12.0	67.6	14.6	78.5	17.5	84.0	19.0	89.5	20.6	100	24.1	111	27.8
	35	56.7	12.6	67.6	15.4	78.5	18.5	84.0	20.2	89.5	21.9	100	25.6	111	29.5
	37	56.7	13.4	67.6	16.3	78.5	19.6	84.0	21.4	89.5	23.3	100	27.2	111	31.4
	39	56.7	14.1	67.6	17.3	78.5	20.8	84.0	22.7	89.5	24.7	100	28.9	111	33.4
50% (625)	10	47.2	7.45	56.3	8.62	65.4	9.86	70.0	10.5	74.6	11.2	83.7	12.6	92.8	14.0
	12	47.2	7.54	56.3	8.74	65.4	10.0	70.0	10.7	74.6	11.4	83.7	12.8	92.8	14.2
	14	47.2	7.64	56.3	8.87	65.4	10.2	70.0	10.8	74.6	11.5	83.7	13.0	92.8	14.5
	16	47.2	7.75	56.3	9.00	65.4	10.3	70.0	11.0	74.6	11.7	83.7	13.2	92.8	14.7
	18	47.2	7.86	56.3	9.14	65.4	10.5	70.0	11.2	74.6	11.9	83.7	13.4	92.8	15.0
	20	47.2	7.97	56.3	9.28	65.4	10.7	70.0	11.4	74.6	12.1	83.7	13.7	92.8	15.3
	21	47.2	8.03	56.3	9.35	65.4	10.8	70.0	11.5	74.6	12.3	83.7	13.8	92.8	15.4
	23	47.2	8.14	56.3	9.51	65.4	11.0	70.0	11.7	74.6	12.5	83.7	14.1	92.8	15.8
	25	47.2	8.27	56.3	9.67	65.4	11.1	70.0	12.0	74.6	12.9	83.7	14.8	92.8	16.8
	27	47.2	8.40	56.3	10.0	65.4	11.8	70.0	12.7	74.6	13.7	83.7	15.7	92.8	18.0
	29	47.2	8.89	56.3	10.6	65.4	12.5	70.0	13.5	74.6	14.5	83.7	16.7	92.8	19.1
	31	47.2	9.39	56.3	11.2	65.4	13.2	70.0	14.3	74.6	15.4	83.7	17.8	92.8	20.3
	33	47.2	9.92	56.3	11.9	65.4	14.0	70.0	15.2	74.6	16.4	83.7	18.9	92.8	21.6
	35	47.2	10.5	56.3	12.6	65.4	14.9	70.0	16.1	74.6	17.4	83.7	20.1	92.8	23.0
	37	47.2	11.0	56.3	13.3	65.4	15.7	70.0	17.0	74.6	18.4	83.7	21.3	92.8	24.4
	39	47.2	11.6	56.3	14.0	65.4	16.6	70.0	18.0	74.6	19.5	83.7	22.6	92.8	25.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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6.2 Cooling Capacity for *VRV* Indoor Units Only (Te: 9ºC)

When only *VRV* indoor units are connected

RXQ12THY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	10	18.6	2.05	23.2	2.59	29.4	3.37	32.4	3.77	35.4	4.19	40.3	4.77	41.4	4.56
	12	18.6	2.08	23.2	2.63	29.4	3.43	32.4	3.84	35.4	4.27	39.8	4.74	40.8	4.53
	14	18.6	2.12	23.2	2.68	29.4	3.50	32.4	3.92	35.4	4.35	39.2	4.72	40.3	4.56
	16	18.6	2.15	23.2	2.73	29.4	3.56	32.4	3.99	35.4	4.43	38.7	4.75	39.8	4.80
	18	18.6	2.19	23.2	2.78	29.4	3.64	32.4	4.07	35.4	4.57	38.2	4.99	39.3	5.05
	20	18.6	2.23	23.2	2.83	29.4	3.73	32.4	4.29	35.4	4.91	37.7	5.24	38.8	5.29
	21	18.6	2.25	23.2	2.86	29.4	3.86	32.4	4.45	35.4	5.08	37.4	5.36	38.5	5.42
	23	18.6	2.30	23.2	2.98	29.4	4.13	32.4	4.77	35.4	5.45	36.9	5.61	38.0	5.67
	25	18.6	2.40	23.2	3.18	29.4	4.42	32.4	5.10	35.2	5.78	36.4	5.85	37.5	5.92
	27	18.6	2.55	23.2	3.39	29.4	4.72	32.4	5.46	34.7	6.03	35.9	6.10	36.9	6.17
	29	18.6	2.71	23.2	3.61	29.4	5.04	32.4	5.83	34.2	6.27	35.3	6.35	36.4	6.42
	31	18.6	2.88	23.2	3.85	29.4	5.38	32.4	6.23	33.7	6.51	34.8	6.59	35.9	6.67
	33	18.6	3.06	23.2	4.10	29.4	5.74	32.4	6.64	33.2	6.76	34.3	6.84	35.4	6.93
	35	18.6	3.25	23.2	4.36	29.4	6.11	32.1	6.96	32.6	7.01	33.8	7.10	34.9	7.18
	37	18.6	3.45	23.2	4.63	29.4	6.51	31.6	7.21	32.1	7.25	33.3	7.35	34.3	7.44
	39	18.6	3.66	23.2	4.92	29.4	6.93	31.0	7.45	31.6	7.50	32.7	7.60	33.8	7.70
120% (360)	10	17.1	1.89	21.4	2.37	27.1	3.08	29.9	3.44	32.7	3.82	38.3	4.58	40.7	4.69
	12	17.1	1.92	21.4	2.41	27.1	3.13	29.9	3.51	32.7	3.89	38.3	4.67	40.2	4.66
	14	17.1	1.95	21.4	2.46	27.1	3.19	29.9	3.57	32.7	3.96	38.3	4.75	39.6	4.64
	16	17.1	1.99	21.4	2.50	27.1	3.25	29.9	3.64	32.7	4.04	38.1	4.81	39.1	4.77
	18	17.1	2.02	21.4	2.55	27.1	3.32	29.9	3.71	32.7	4.12	37.6	4.97	38.6	5.01
	20	17.1	2.06	21.4	2.59	27.1	3.38	29.9	3.82	32.7	4.36	37.1	5.21	38.1	5.26
	21	17.1	2.07	21.4	2.62	27.1	3.45	29.9	3.96	32.7	4.51	36.8	5.33	37.8	5.38
	23	17.1	2.11	21.4	2.68	27.1	3.69	29.9	4.24	32.7	4.84	36.3	5.57	37.3	5.63
	25	17.1	2.18	21.4	2.86	27.1	3.94	29.9	4.54	32.7	5.18	35.8	5.82	36.8	5.88
	27	17.1	2.32	21.4	3.05	27.1	4.21	29.9	4.85	32.7	5.54	35.3	6.06	36.3	6.12
	29	17.1	2.46	21.4	3.25	27.1	4.49	29.9	5.18	32.7	5.92	34.7	6.31	35.7	6.37
	31	17.1	2.61	21.4	3.46	27.1	4.79	29.9	5.53	32.7	6.32	34.2	6.55	35.2	6.62
	33	17.1	2.77	21.4	3.68	27.1	5.10	29.9	5.89	32.7	6.72	33.7	6.80	34.7	6.88
	35	17.1	2.94	21.4	3.91	27.1	5.44	29.9	6.28	32.1	6.97	33.2	7.05	34.2	7.13
	37	17.1	3.12	21.4	4.15	27.1	5.79	29.9	6.69	31.6	7.21	32.7	7.30	33.7	7.38
	39	17.1	3.30	21.4	4.41	27.1	6.16	29.9	7.13	31.1	7.46	32.1	7.55	33.1	7.64
110% (330)	10	15.7	1.74	19.6	2.16	24.8	2.79	27.4	3.12	30.0	3.45	35.1	4.14	40.0	4.82
	12	15.7	1.76	19.6	2.20	24.8	2.84	27.4	3.17	30.0	3.52	35.1	4.22	39.5	4.79
	14	15.7	1.79	19.6	2.24	24.8	2.89	27.4	3.23	30.0	3.58	35.1	4.30	39.0	4.77
	16	15.7	1.82	19.6	2.28	24.8	2.95	27.4	3.30	30.0	3.65	35.1	4.38	38.4	4.75
	18	15.7	1.85	19.6	2.32	24.8	3.01	27.4	3.36	30.0	3.73	35.1	4.50	37.9	4.98
	20	15.7	1.88	19.6	2.36	24.8	3.06	27.4	3.43	30.0	3.84	35.1	4.84	37.4	5.22
	21	15.7	1.90	19.6	2.38	24.8	3.09	27.4	3.50	30.0	3.98	35.1	5.01	37.1	5.35
	23	15.7	1.93	19.6	2.43	24.8	3.27	27.4	3.75	30.0	4.26	35.1	5.37	36.6	5.59
	25	15.7	1.97	19.6	2.56	24.8	3.50	27.4	4.01	30.0	4.56	35.1	5.75	36.1	5.83
	27	15.7	2.09	19.6	2.73	24.8	3.73	27.4	4.28	30.0	4.87	34.7	6.02	35.6	6.08
	29	15.7	2.22	19.6	2.90	24.8	3.98	27.4	4.57	30.0	5.20	34.1	6.27	35.1	6.33
	31	15.7	2.36	19.6	3.09	24.8	4.24	27.4	4.87	30.0	5.55	33.6	6.51	34.5	6.58
	33	15.7	2.50	19.6	3.28	24.8	4.51	27.4	5.19	30.0	5.92	33.1	6.76	34.0	6.82
	35	15.7	2.65	19.6	3.48	24.8	4.80	27.4	5.53	30.0	6.31	32.6	7.00	33.5	7.07
	37	15.7	2.80	19.6	3.70	24.8	5.11	27.4	5.89	30.0	6.72	32.1	7.25	33.0	7.33
	39	15.7	2.97	19.6	3.92	24.8	5.43	27.4	6.26	30.0	7.16	31.5	7.50	32.5	7.58
100% (300)	10	14.3	1.59	17.8	1.96	22.6	2.51	24.9	2.80	27.3	3.10	31.9	3.71	36.4	4.32
	12	14.3	1.61	17.8	2.00	22.6	2.56	24.9	2.85	27.3	3.16	31.9	3.78	36.4	4.40
	14	14.3	1.64	17.8	2.03	22.6	2.61	24.9	2.90	27.3	3.21	31.9	3.85	36.4	4.48
	16	14.3	1.66	17.8	2.06	22.6	2.65	24.9	2.96	27.3	3.28	31.9	3.92	36.4	4.57
	18	14.3	1.69	17.8	2.10	22.6	2.70	24.9	3.02	27.3	3.34	31.9	4.00	36.4	4.75
	20	14.3	1.72	17.8	2.14	22.6	2.75	24.9	3.08	27.3	3.41	31.9	4.20	36.4	5.10
	21	14.3	1.73	17.8	2.16	22.6	2.78	24.9	3.11	27.3	3.48	31.9	4.35	36.4	5.29
	23	14.3	1.76	17.8	2.20	22.6	2.88	24.9	3.29	27.3	3.72	31.9	4.66	35.9	5.55
	25	14.3	1.79	17.8	2.28	22.6	3.08	24.9	3.51	27.3	3.98	31.9	4.99	35.4	5.79
	27	14.3	1.88	17.8	2.43	22.6	3.28	24.9	3.75	27.3	4.25	31.9	5.34	34.9	6.04
	29	14.3	1.99	17.8	2.58	22.6	3.49	24.9	3.99	27.3	4.53	31.9	5.70	34.4	6.28
	31	14.3	2.11	17.8	2.74	22.6	3.72	24.9	4.26	27.3	4.83	31.9	6.09	33.9	6.53
	33	14.3	2.24	17.8	2.91	22.6	3.96	24.9	4.53	27.3	5.15	31.9	6.49	33.3	6.77
	35	14.3	2.37	17.8	3.08	22.6	4.21	24.9	4.82	27.3	5.49	31.9	6.92	32.8	7.02
	37	14.3	2.51	17.8	3.27	22.6	4.47	24.9	5.13	27.3	5.84	31.5	7.20	32.3	7.27
	39	14.3	2.65	17.8	3.47	22.6	4.75	24.9	5.46	27.3	6.22	30.9	7.45	31.8	7.52
90% (270)	10	12.9	1.45	16.0	1.77	20.3	2.25	22.4	2.50	24.5	2.75	28.7	3.29	32.7	3.82
	12	12.9	1.47	16.0	1.80	20.3	2.29	22.4	2.54	24.5	2.80	28.7	3.35	32.7	3.89
	14	12.9	1.49	16.0	1.83	20.3	2.33	22.4	2.59	24.5	2.86	28.7	3.41	32.7	3.97
	16	12.9	1.51	16.0	1.86	20.3	2.37	22.4	2.63	24.5	2.91	28.7	3.48	32.7	4.04
	18	12.9	1.53	16.0	1.89	20.3	2.41	22.4	2.68	24.5	2.96	28.7	3.54	32.7	4.13
	20	12.9	1.56	16.0	1.92	20.3	2.46	22.4	2.73	24.5	3.02	28.7	3.62	32.7	4.36
	21	12.9	1.57	16.0	1.94	20.3	2.48	22.4	2.76	24.5	3.05	28.7	3.74	32.7	4.52
	23	12.9	1.60	16.0	1.97	20.3	2.53	22.4	2.86	24.5	3.22	28.7	4.00	32.7	4.84
	25	12.9	1.62	16.0	2.01	20.3	2.68	22.4	3.05	24.5	3.44	28.7	4.28	32.7	5.19
	27	12.9	1.68	16.0	2.14	20.3	2.86	22.4	3.25	24.5	3.67	28.7	4.57	32.7	5.55
	29	12.9	1.78	16.0	2.27	20.3	3.04	22.4	3.46	24.5	3.91	28.7	4.88	32.7	5.93
	31	12.9	1.88	16.0	2.41	20.3	3.23	22.4	3.68	24.5	4.17	28.7	5.21	32.7	6.33
	33	12.9	1.99	16.0	2.56	20.3	3.44	22.4	3.92	24.5	4.44	28.7	5.55	32.7	6.72
	35	12.9	2.11	16.0	2.71	20.3	3.65	22.4	4.17	24.5	4.72	28.7	5.92	32.1	6.97
	37	12.9	2.23	16.0	2.87	20.3	3.88	22.4	4.43	24.5	5.02	28.7	6.30	31.6	7.21
	39	12.9	2.35	16.0	3.04	20.3	4.12	22.4	4.71	24.5	5.34	28.7	6.71	31.1	7.46

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (240)	10	11.4	1.31	14.3	1.59	18.1	1.99	19.9	2.20	21.8	2.42	25.5	2.88	29.1	3.34
	12	11.4	1.33	14.3	1.61	18.1	2.02	19.9	2.24	21.8	2.46	25.5	2.93	29.1	3.40
	14	11.4	1.35	14.3	1.63	18.1	2.06	19.9	2.28	21.8	2.51	25.5	2.98	29.1	3.46
	16	11.4	1.37	14.3	1.66	18.1	2.09	19.9	2.32	21.8	2.55	25.5	3.04	29.1	3.53
	18	11.4	1.38	14.3	1.69	18.1	2.13	19.9	2.36	21.8	2.60	25.5	3.10	29.1	3.60
	20	11.4	1.41	14.3	1.71	18.1	2.17	19.9	2.41	21.8	2.65	25.5	3.16	29.1	3.68
	21	11.4	1.42	14.3	1.73	18.1	2.19	19.9	2.43	21.8	2.68	25.5	3.19	29.1	3.81
	23	11.4	1.44	14.3	1.76	18.1	2.23	19.9	2.47	21.8	2.75	25.5	3.40	29.1	4.08
	25	11.4	1.46	14.3	1.79	18.1	2.32	19.9	2.62	21.8	2.94	25.5	3.63	29.1	4.37
	27	11.4	1.49	14.3	1.88	18.1	2.47	19.9	2.79	21.8	3.13	25.5	3.87	29.1	4.67
	29	11.4	1.58	14.3	1.99	18.1	2.62	19.9	2.97	21.8	3.34	25.5	4.13	29.1	4.98
	31	11.4	1.67	14.3	2.11	18.1	2.79	19.9	3.16	21.8	3.55	25.5	4.40	29.1	5.31
	33	11.4	1.76	14.3	2.23	18.1	2.96	19.9	3.35	21.8	3.78	25.5	4.69	29.1	5.66
	35	11.4	1.86	14.3	2.36	18.1	3.14	19.9	3.56	21.8	4.01	25.5	4.99	29.1	6.04
	37	11.4	1.97	14.3	2.50	18.1	3.33	19.9	3.78	21.8	4.26	25.5	5.31	29.1	6.43
	39	11.4	2.07	14.3	2.64	18.1	3.53	19.9	4.01	21.8	4.53	25.5	5.65	29.1	6.85
70% (210)	10	10.0	1.18	12.5	1.41	15.8	1.75	17.4	1.92	19.1	2.11	22.3	2.49	25.5	2.87
	12	10.0	1.19	12.5	1.43	15.8	1.77	17.4	1.95	19.1	2.14	22.3	2.53	25.5	2.92
	14	10.0	1.21	12.5	1.45	15.8	1.80	17.4	1.99	19.1	2.18	22.3	2.57	25.5	2.98
	16	10.0	1.23	12.5	1.47	15.8	1.83	17.4	2.02	19.1	2.22	22.3	2.62	25.5	3.03
	18	10.0	1.24	12.5	1.49	15.8	1.86	17.4	2.06	19.1	2.26	22.3	2.67	25.5	3.09
	20	10.0	1.26	12.5	1.52	15.8	1.89	17.4	2.09	19.1	2.30	22.3	2.72	25.5	3.15
	21	10.0	1.27	12.5	1.53	15.8	1.91	17.4	2.11	19.1	2.32	22.3	2.75	25.5	3.18
	23	10.0	1.29	12.5	1.55	15.8	1.94	17.4	2.15	19.1	2.36	22.3	2.84	25.5	3.39
	25	10.0	1.30	12.5	1.58	15.8	1.98	17.4	2.22	19.1	2.48	22.3	3.03	25.5	3.62
	27	10.0	1.32	12.5	1.63	15.8	2.11	17.4	2.36	19.1	2.64	22.3	3.23	25.5	3.86
	29	10.0	1.39	12.5	1.72	15.8	2.24	17.4	2.51	19.1	2.81	22.3	3.44	25.5	4.12
	31	10.0	1.47	12.5	1.82	15.8	2.37	17.4	2.67	19.1	2.98	22.3	3.66	25.5	4.39
	33	10.0	1.55	12.5	1.93	15.8	2.51	17.4	2.83	19.1	3.17	22.3	3.90	25.5	4.67
	35	10.0	1.63	12.5	2.04	15.8	2.66	17.4	3.00	19.1	3.36	22.3	4.14	25.5	4.97
	37	10.0	1.72	12.5	2.15	15.8	2.82	17.4	3.18	19.1	3.57	22.3	4.40	25.5	5.29
	39	10.0	1.81	12.5	2.28	15.8	2.99	17.4	3.37	19.1	3.79	22.3	4.68	25.5	5.63
60% (180)	10	8.57	1.06	10.7	1.24	13.5	1.52	15.0	1.66	16.4	1.81	19.1	2.11	21.8	2.42
	12	8.57	1.07	10.7	1.26	13.5	1.54	15.0	1.68	16.4	1.83	19.1	2.15	21.8	2.47
	14	8.57	1.08	10.7	1.27	13.5	1.56	15.0	1.71	16.4	1.86	19.1	2.18	21.8	2.51
	16	8.57	1.09	10.7	1.29	13.5	1.58	15.0	1.74	16.4	1.89	19.1	2.22	21.8	2.56
	18	8.57	1.11	10.7	1.31	13.5	1.61	15.0	1.76	16.4	1.93	19.1	2.26	21.8	2.60
	20	8.57	1.12	10.7	1.33	13.5	1.63	15.0	1.79	16.4	1.96	19.1	2.30	21.8	2.65
	21	8.57	1.13	10.7	1.34	13.5	1.65	15.0	1.81	16.4	1.98	19.1	2.33	21.8	2.68
	23	8.57	1.14	10.7	1.36	13.5	1.68	15.0	1.84	16.4	2.01	19.1	2.37	21.8	2.76
	25	8.57	1.16	10.7	1.38	13.5	1.70	15.0	1.87	16.4	2.06	19.1	2.49	21.8	2.94
	27	8.57	1.17	10.7	1.40	13.5	1.78	15.0	1.98	16.4	2.19	19.1	2.65	21.8	3.14
	29	8.57	1.22	10.7	1.48	13.5	1.88	15.0	2.10	16.4	2.33	19.1	2.82	21.8	3.34
	31	8.57	1.28	10.7	1.56	13.5	1.99	15.0	2.22	16.4	2.47	19.1	3.00	21.8	3.55
	33	8.57	1.35	10.7	1.65	13.5	2.11	15.0	2.36	16.4	2.62	19.1	3.18	21.8	3.78
	35	8.57	1.42	10.7	1.74	13.5	2.23	15.0	2.50	16.4	2.78	19.1	3.38	21.8	4.02
	37	8.57	1.50	10.7	1.84	13.5	2.36	15.0	2.64	16.4	2.94	19.1	3.58	21.8	4.27
	39	8.57	1.57	10.7	1.94	13.5	2.49	15.0	2.80	16.4	3.12	19.1	3.80	21.8	4.53
50% (150)	10	7.15	0.94	8.91	1.08	11.3	1.30	12.5	1.41	13.6	1.52	16.0	1.76	18.2	2.01
	12	7.15	0.95	8.91	1.10	11.3	1.31	12.5	1.43	13.6	1.55	16.0	1.79	18.2	2.04
	14	7.15	0.96	8.91	1.11	11.3	1.33	12.5	1.45	13.6	1.57	16.0	1.82	18.2	2.07
	16	7.15	0.97	8.91	1.12	11.3	1.35	12.5	1.47	13.6	1.59	16.0	1.85	18.2	2.11
	18	7.15	0.98	8.91	1.14	11.3	1.37	12.5	1.49	13.6	1.62	16.0	1.88	18.2	2.15
	20	7.15	0.99	8.91	1.15	11.3	1.39	12.5	1.51	13.6	1.64	16.0	1.91	18.2	2.18
	21	7.15	0.99	8.91	1.16	11.3	1.40	12.5	1.53	13.6	1.66	16.0	1.93	18.2	2.20
	23	7.15	1.01	8.91	1.17	11.3	1.42	12.5	1.55	13.6	1.68	16.0	1.96	18.2	2.25
	25	7.15	1.02	8.91	1.19	11.3	1.44	12.5	1.58	13.6	1.71	16.0	2.00	18.2	2.34
	27	7.15	1.03	8.91	1.21	11.3	1.47	12.5	1.63	13.6	1.79	16.0	2.13	18.2	2.49
	29	7.15	1.05	8.91	1.26	11.3	1.56	12.5	1.72	13.6	1.89	16.0	2.26	18.2	2.65
	31	7.15	1.11	8.91	1.32	11.3	1.65	12.5	1.82	13.6	2.01	16.0	2.40	18.2	2.81
	33	7.15	1.17	8.91	1.40	11.3	1.74	12.5	1.93	13.6	2.12	16.0	2.54	18.2	2.98
	35	7.15	1.23	8.91	1.47	11.3	1.84	12.5	2.04	13.6	2.25	16.0	2.69	18.2	3.17
	37	7.15	1.29	8.91	1.55	11.3	1.94	12.5	2.15	13.6	2.38	16.0	2.85	18.2	3.36
	39	7.15	1.35	8.91	1.63	11.3	2.05	12.5	2.27	13.6	2.51	16.0	3.02	18.2	3.56

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ14THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (455)	10	22.3	2.49	27.8	3.15	35.2	4.10	38.9	4.59	42.5	5.10	48.3	5.80	49.6	5.55
	12	22.3	2.54	27.8	3.20	35.2	4.18	38.9	4.68	42.5	5.20	47.7	5.77	49.0	5.51
	14	22.3	2.58	27.8	3.26	35.2	4.26	38.9	4.77	42.5	5.29	47.1	5.74	48.4	5.55
	16	22.3	2.62	27.8	3.32	35.2	4.34	38.9	4.86	42.5	5.40	46.5	5.79	47.8	5.85
	18	22.3	2.67	27.8	3.38	35.2	4.43	38.9	4.96	42.5	5.56	45.8	6.08	47.1	6.15
	20	22.3	2.72	27.8	3.45	35.2	4.54	38.9	5.23	42.5	5.97	45.2	6.38	46.5	6.45
	21	22.3	2.74	27.8	3.48	35.2	4.70	38.9	5.42	42.5	6.19	44.9	6.53	46.2	6.60
	23	22.3	2.80	27.8	3.63	35.2	5.03	38.9	5.81	42.5	6.64	44.3	6.83	45.6	6.90
	25	22.3	2.92	27.8	3.87	35.2	5.38	38.9	6.21	42.3	7.04	43.7	7.12	45.0	7.20
	27	22.3	3.11	27.8	4.13	35.2	5.75	38.9	6.65	41.7	7.34	43.0	7.43	44.3	7.51
	29	22.3	3.31	27.8	4.40	35.2	6.14	38.9	7.10	41.0	7.63	42.4	7.73	43.7	7.82
	31	22.3	3.51	27.8	4.69	35.2	6.55	38.9	7.58	40.4	7.93	41.8	8.03	43.1	8.12
	33	22.3	3.73	27.8	4.99	35.2	6.98	38.9	8.09	39.8	8.23	41.2	8.33	42.5	8.43
	35	22.3	3.96	27.8	5.30	35.2	7.44	38.5	8.48	39.2	8.53	40.5	8.64	41.8	8.75
	37	22.3	4.20	27.8	5.64	35.2	7.93	37.9	8.78	38.5	8.83	39.9	8.95	41.2	9.06
	39	22.3	4.45	27.8	5.99	35.2	8.44	37.2	9.08	37.9	9.14	39.3	9.26	40.6	9.37
120% (420)	10	20.6	2.30	25.7	2.89	32.5	3.75	35.9	4.19	39.3	4.65	45.9	5.58	48.8	5.71
	12	20.6	2.34	25.7	2.94	32.5	3.82	35.9	4.27	39.3	4.74	45.9	5.68	48.2	5.68
	14	20.6	2.38	25.7	2.99	32.5	3.89	35.9	4.35	39.3	4.83	45.9	5.79	47.6	5.64
	16	20.6	2.42	25.7	3.04	32.5	3.96	35.9	4.43	39.3	4.92	45.7	5.86	47.0	5.81
	18	20.6	2.46	25.7	3.10	32.5	4.04	35.9	4.52	39.3	5.02	45.1	6.05	46.3	6.11
	20	20.6	2.50	25.7	3.16	32.5	4.12	35.9	4.66	39.3	5.31	44.5	6.34	45.7	6.40
	21	20.6	2.53	25.7	3.19	32.5	4.20	35.9	4.82	39.3	5.50	44.2	6.49	45.4	6.55
	23	20.6	2.57	25.7	3.27	32.5	4.49	35.9	5.17	39.3	5.89	43.6	6.78	44.8	6.85
	25	20.6	2.65	25.7	3.49	32.5	4.80	35.9	5.53	39.3	6.31	42.9	7.08	44.1	7.15
	27	20.6	2.82	25.7	3.72	32.5	5.13	35.9	5.91	39.3	6.75	42.3	7.38	43.5	7.46
	29	20.6	3.00	25.7	3.96	32.5	5.47	35.9	6.31	39.3	7.21	41.7	7.68	42.9	7.76
	31	20.6	3.18	25.7	4.21	32.5	5.83	35.9	6.73	39.3	7.70	41.1	7.98	42.3	8.07
	33	20.6	3.38	25.7	4.48	32.5	6.22	35.9	7.18	39.2	8.19	40.4	8.28	41.6	8.37
	35	20.6	3.58	25.7	4.76	32.5	6.62	35.9	7.65	38.6	8.48	39.8	8.58	41.0	8.68
	37	20.6	3.80	25.7	5.05	32.5	7.05	35.9	8.15	37.9	8.78	39.2	8.89	40.4	8.99
	39	20.6	4.02	25.7	5.37	32.5	7.50	35.9	8.68	37.3	9.08	38.6	9.19	39.8	9.30
110% (385)	10	18.9	2.12	23.5	2.64	29.8	3.40	32.9	3.80	36.0	4.20	42.1	5.04	48.0	5.87
	12	18.9	2.15	23.5	2.68	29.8	3.46	32.9	3.87	36.0	4.28	42.1	5.14	47.4	5.84
	14	18.9	2.18	23.5	2.73	29.8	3.52	32.9	3.94	36.0	4.36	42.1	5.23	46.8	5.81
	16	18.9	2.22	23.5	2.77	29.8	3.59	32.9	4.01	36.0	4.45	42.1	5.34	46.1	5.78
	18	18.9	2.26	23.5	2.82	29.8	3.66	32.9	4.09	36.0	4.54	42.1	5.48	45.5	6.07
	20	18.9	2.29	23.5	2.88	29.8	3.73	32.9	4.17	36.0	4.68	42.1	5.89	44.9	6.36
	21	18.9	2.31	23.5	2.90	29.8	3.77	32.9	4.26	36.0	4.84	42.1	6.10	44.6	6.51
	23	18.9	2.35	23.5	2.96	29.8	3.98	32.9	4.56	36.0	5.19	42.1	6.54	43.9	6.81
	25	18.9	2.40	23.5	3.12	29.8	4.26	32.9	4.88	36.0	5.55	42.1	7.01	43.3	7.10
	27	18.9	2.55	23.5	3.32	29.8	4.54	32.9	5.21	36.0	5.93	41.6	7.33	42.7	7.40
	29	18.9	2.71	23.5	3.54	29.8	4.84	32.9	5.56	36.0	6.33	41.0	7.63	42.1	7.70
	31	18.9	2.87	23.5	3.76	29.8	5.16	32.9	5.93	36.0	6.76	40.3	7.93	41.5	8.01
	33	18.9	3.04	23.5	3.99	29.8	5.49	32.9	6.32	36.0	7.21	39.7	8.23	40.8	8.31
	35	18.9	3.22	23.5	4.24	29.8	5.85	32.9	6.73	36.0	7.68	39.1	8.53	40.2	8.61
	37	18.9	3.41	23.5	4.50	29.8	6.22	32.9	7.17	36.0	8.19	38.5	8.83	39.6	8.92
	39	18.9	3.61	23.5	4.78	29.8	6.61	32.9	7.63	36.0	8.72	37.8	9.13	39.0	9.23
100% (350)	10	17.1	1.94	21.4	2.39	27.1	3.06	29.9	3.41	32.7	3.77	38.3	4.51	43.7	5.26
	12	17.1	1.96	21.4	2.43	27.1	3.12	29.9	3.47	32.7	3.84	38.3	4.60	43.7	5.36
	14	17.1	1.99	21.4	2.47	27.1	3.17	29.9	3.54	32.7	3.91	38.3	4.69	43.7	5.46
	16	17.1	2.03	21.4	2.51	27.1	3.23	29.9	3.60	32.7	3.99	38.3	4.78	43.7	5.56
	18	17.1	2.06	21.4	2.56	27.1	3.29	29.9	3.67	32.7	4.07	38.3	4.87	43.7	5.78
	20	17.1	2.09	21.4	2.60	27.1	3.35	29.9	3.74	32.7	4.15	38.3	5.11	43.7	6.22
	21	17.1	2.11	21.4	2.63	27.1	3.39	29.9	3.78	32.7	4.23	38.3	5.30	43.7	6.44
	23	17.1	2.15	21.4	2.68	27.1	3.51	29.9	4.00	32.7	4.53	38.3	5.68	43.1	6.76
	25	17.1	2.18	21.4	2.78	27.1	3.74	29.9	4.27	32.7	4.84	38.3	6.08	42.5	7.06
	27	17.1	2.29	21.4	2.95	27.1	3.99	29.9	4.56	32.7	5.17	38.3	6.50	41.9	7.35
	29	17.1	2.43	21.4	3.14	27.1	4.25	29.9	4.86	32.7	5.52	38.3	6.94	41.3	7.65
	31	17.1	2.57	21.4	3.33	27.1	4.53	29.9	5.18	32.7	5.89	38.3	7.41	40.6	7.95
	33	17.1	2.73	21.4	3.54	27.1	4.82	29.9	5.52	32.7	6.27	38.3	7.91	40.0	8.25
	35	17.1	2.89	21.4	3.76	27.1	5.12	29.9	5.87	32.7	6.68	38.3	8.43	39.4	8.55
	37	17.1	3.05	21.4	3.98	27.1	5.44	29.9	6.25	32.7	7.11	37.8	8.77	38.8	8.85
	39	17.1	3.23	21.4	4.22	27.1	5.78	29.9	6.64	32.7	7.57	37.1	9.07	38.1	9.16
90% (315)	10	15.4	1.76	19.2	2.16	24.4	2.74	26.9	3.04	29.4	3.35	34.5	4.00	39.3	4.65
	12	15.4	1.79	19.2	2.19	24.4	2.78	26.9	3.09	29.4	3.41	34.5	4.08	39.3	4.74
	14	15.4	1.81	19.2	2.23	24.4	2.83	26.9	3.15	29.4	3.48	34.5	4.15	39.3	4.83
	16	15.4	1.84	19.2	2.26	24.4	2.88	26.9	3.21	29.4	3.54	34.5	4.23	39.3	4.93
	18	15.4	1.87	19.2	2.30	24.4	2.94	26.9	3.27	29.4	3.61	34.5	4.32	39.3	5.02
	20	15.4	1.90	19.2	2.34	24.4	2.99	26.9	3.33	29.4	3.68	34.5	4.40	39.3	5.31
	21	15.4	1.91	19.2	2.36	24.4	3.02	26.9	3.36	29.4	3.72	34.5	4.55	39.3	5.50
	23	15.4	1.94	19.2	2.40	24.4	3.08	26.9	3.48	29.4	3.92	34.5	4.87	39.3	5.90
	25	15.4	1.98	19.2	2.45	24.4	3.27	26.9	3.71	29.4	4.19	34.5	5.21	39.3	6.32
	27	15.4	2.05	19.2	2.61	24.4	3.48	26.9	3.96	29.4	4.47	34.5	5.57	39.3	6.75
	29	15.4	2.17	19.2	2.77	24.4	3.70	26.9	4.21	29.4	4.76	34.5	5.95	39.3	7.22
	31	15.4	2.30	19.2	2.94	24.4	3.94	26.9	4.49	29.4	5.07	34.5	6.34	39.3	7.71
	33	15.4	2.43	19.2	3.11	24.4	4.19	26.9	4.77	29.4	5.40	34.5	6.76	39.2	8.19
	35	15.4	2.57	19.2	3.30	24.4	4.45	26.9	5.07	29.4	5.75	34.5	7.20	38.6	8.48
	37	15.4	2.71	19.2	3.50	24.4	4.72	26.9	5.39	29.4	6.11	34.5	7.67	37.9	8.78
	39	15.4	2.87	19.2	3.70	24.4	5.01	26.9	5.73	29.4	6.50	34.5	8.17	37.3	9.08

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (280)	10	13.7	1.60	17.1	1.93	21.7	2.42	23.9	2.68	26.2	2.95	30.6	3.50	34.9	4.06
	12	13.7	1.62	17.1	1.96	21.7	2.46	23.9	2.73	26.2	3.00	30.6	3.57	34.9	4.14
	14	13.7	1.64	17.1	1.99	21.7	2.51	23.9	2.78	26.2	3.05	30.6	3.63	34.9	4.22
	16	13.7	1.66	17.1	2.02	21.7	2.55	23.9	2.82	26.2	3.11	30.6	3.70	34.9	4.30
	18	13.7	1.69	17.1	2.05	21.7	2.59	23.9	2.88	26.2	3.17	30.6	3.77	34.9	4.38
	20	13.7	1.71	17.1	2.09	21.7	2.64	23.9	2.93	26.2	3.23	30.6	3.85	34.9	4.48
	21	13.7	1.72	17.1	2.10	21.7	2.66	23.9	2.96	26.2	3.26	30.6	3.89	34.9	4.64
	23	13.7	1.75	17.1	2.14	21.7	2.71	23.9	3.01	26.2	3.35	30.6	4.13	34.9	4.97
	25	13.7	1.78	17.1	2.18	21.7	2.82	23.9	3.19	26.2	3.58	30.6	4.42	34.9	5.32
	27	13.7	1.82	17.1	2.28	21.7	3.00	23.9	3.40	26.2	3.81	30.6	4.72	34.9	5.68
	29	13.7	1.92	17.1	2.42	21.7	3.19	23.9	3.61	26.2	4.06	30.6	5.03	34.9	6.06
	31	13.7	2.03	17.1	2.57	21.7	3.39	23.9	3.84	26.2	4.32	30.6	5.36	34.9	6.47
	33	13.7	2.15	17.1	2.72	21.7	3.60	23.9	4.08	26.2	4.60	30.6	5.71	34.9	6.90
	35	13.7	2.27	17.1	2.88	21.7	3.82	23.9	4.34	26.2	4.89	30.6	6.08	34.9	7.35
	37	13.7	2.39	17.1	3.04	21.7	4.05	23.9	4.60	26.2	5.19	30.6	6.46	34.9	7.83
	39	13.7	2.53	17.1	3.22	21.7	4.30	23.9	4.88	26.2	5.51	30.6	6.88	34.9	8.34
70% (245)	10	12.0	1.44	15.0	1.72	19.0	2.13	20.9	2.34	22.9	2.56	26.8	3.03	30.6	3.50
	12	12.0	1.45	15.0	1.74	19.0	2.16	20.9	2.38	22.9	2.61	26.8	3.08	30.6	3.56
	14	12.0	1.47	15.0	1.77	19.0	2.19	20.9	2.42	22.9	2.65	26.8	3.13	30.6	3.62
	16	12.0	1.49	15.0	1.79	19.0	2.23	20.9	2.46	22.9	2.70	26.8	3.19	30.6	3.69
	18	12.0	1.51	15.0	1.82	19.0	2.27	20.9	2.50	22.9	2.75	26.8	3.25	30.6	3.76
	20	12.0	1.53	15.0	1.85	19.0	2.31	20.9	2.55	22.9	2.80	26.8	3.31	30.6	3.84
	21	12.0	1.54	15.0	1.86	19.0	2.33	20.9	2.57	22.9	2.82	26.8	3.35	30.6	3.88
	23	12.0	1.57	15.0	1.89	19.0	2.37	20.9	2.62	22.9	2.88	26.8	3.46	30.6	4.12
	25	12.0	1.59	15.0	1.92	19.0	2.41	20.9	2.71	22.9	3.02	26.8	3.69	30.6	4.41
	27	12.0	1.61	15.0	1.98	19.0	2.56	20.9	2.88	22.9	3.21	26.8	3.93	30.6	4.70
	29	12.0	1.69	15.0	2.10	19.0	2.72	20.9	3.06	22.9	3.42	26.8	4.19	30.6	5.01
	31	12.0	1.79	15.0	2.22	19.0	2.89	20.9	3.25	22.9	3.63	26.8	4.46	30.6	5.34
	33	12.0	1.89	15.0	2.35	19.0	3.06	20.9	3.45	22.9	3.86	26.8	4.75	30.6	5.69
	35	12.0	1.99	15.0	2.48	19.0	3.24	20.9	3.66	22.9	4.10	26.8	5.05	30.6	6.06
	37	12.0	2.10	15.0	2.62	19.0	3.44	20.9	3.88	22.9	4.35	26.8	5.36	30.6	6.44
	39	12.0	2.21	15.0	2.77	19.0	3.64	20.9	4.11	22.9	4.61	26.8	5.70	30.6	6.86
60% (210)	10	10.3	1.29	12.8	1.51	16.3	1.84	17.9	2.02	19.6	2.20	23.0	2.57	26.2	2.95
	12	10.3	1.30	12.8	1.53	16.3	1.87	17.9	2.05	19.6	2.23	23.0	2.62	26.2	3.00
	14	10.3	1.32	12.8	1.55	16.3	1.90	17.9	2.08	19.6	2.27	23.0	2.66	26.2	3.06
	16	10.3	1.33	12.8	1.57	16.3	1.93	17.9	2.11	19.6	2.31	23.0	2.71	26.2	3.11
	18	10.3	1.35	12.8	1.59	16.3	1.96	17.9	2.15	19.6	2.35	23.0	2.76	26.2	3.17
	20	10.3	1.36	12.8	1.62	16.3	1.99	17.9	2.18	19.6	2.39	23.0	2.81	26.2	3.23
	21	10.3	1.37	12.8	1.63	16.3	2.01	17.9	2.20	19.6	2.41	23.0	2.83	26.2	3.26
	23	10.3	1.39	12.8	1.65	16.3	2.04	17.9	2.24	19.6	2.45	23.0	2.89	26.2	3.36
	25	10.3	1.41	12.8	1.68	16.3	2.07	17.9	2.28	19.6	2.51	23.0	3.03	26.2	3.58
	27	10.3	1.43	12.8	1.70	16.3	2.16	17.9	2.41	19.6	2.67	23.0	3.23	26.2	3.82
	29	10.3	1.48	12.8	1.80	16.3	2.29	17.9	2.55	19.6	2.83	23.0	3.43	26.2	4.07
	31	10.3	1.56	12.8	1.90	16.3	2.43	17.9	2.71	19.6	3.01	23.0	3.65	26.2	4.33
	33	10.3	1.64	12.8	2.01	16.3	2.57	17.9	2.87	19.6	3.19	23.0	3.87	26.2	4.60
	35	10.3	1.73	12.8	2.12	16.3	2.72	17.9	3.04	19.6	3.38	23.0	4.11	26.2	4.89
	37	10.3	1.82	12.8	2.24	16.3	2.87	17.9	3.22	19.6	3.58	23.0	4.37	26.2	5.20
	39	10.3	1.92	12.8	2.36	16.3	3.04	17.9	3.40	19.6	3.79	23.0	4.63	26.2	5.52
50% (175)	10	8.57	1.14	10.7	1.32	13.5	1.58	15.0	1.71	16.4	1.85	19.1	2.15	21.8	2.44
	12	8.57	1.15	10.7	1.34	13.5	1.60	15.0	1.74	16.4	1.88	19.1	2.18	21.8	2.48
	14	8.57	1.17	10.7	1.35	13.5	1.62	15.0	1.76	16.4	1.91	19.1	2.21	21.8	2.52
	16	8.57	1.18	10.7	1.37	13.5	1.65	15.0	1.79	16.4	1.94	19.1	2.25	21.8	2.57
	18	8.57	1.19	10.7	1.38	13.5	1.67	15.0	1.82	16.4	1.97	19.1	2.29	21.8	2.61
	20	8.57	1.20	10.7	1.40	13.5	1.69	15.0	1.84	16.4	2.00	19.1	2.33	21.8	2.66
	21	8.57	1.21	10.7	1.41	13.5	1.71	15.0	1.86	16.4	2.02	19.1	2.35	21.8	2.68
	23	8.57	1.22	10.7	1.43	13.5	1.73	15.0	1.89	16.4	2.05	19.1	2.39	21.8	2.73
	25	8.57	1.24	10.7	1.45	13.5	1.76	15.0	1.92	16.4	2.09	19.1	2.44	21.8	2.85
	27	8.57	1.25	10.7	1.47	13.5	1.80	15.0	1.98	16.4	2.18	19.1	2.59	21.8	3.03
	29	8.57	1.28	10.7	1.53	13.5	1.90	15.0	2.10	16.4	2.31	19.1	2.75	21.8	3.22
	31	8.57	1.35	10.7	1.61	13.5	2.01	15.0	2.22	16.4	2.44	19.1	2.92	21.8	3.42
	33	8.57	1.42	10.7	1.70	13.5	2.12	15.0	2.35	16.4	2.59	19.1	3.10	21.8	3.63
	35	8.57	1.49	10.7	1.79	13.5	2.24	15.0	2.48	16.4	2.74	19.1	3.28	21.8	3.85
	37	8.57	1.57	10.7	1.88	13.5	2.36	15.0	2.62	16.4	2.89	19.1	3.47	21.8	4.09
	39	8.57	1.64	10.7	1.98	13.5	2.49	15.0	2.77	16.4	3.06	19.1	3.68	21.8	4.33

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ16THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	10	26.0	2.94	32.4	3.71	41.1	4.84	45.4	5.42	49.6	6.01	56.4	6.84	57.9	6.54
	12	26.0	2.99	32.4	3.78	41.1	4.93	45.4	5.52	49.6	6.12	55.7	6.81	57.2	6.50
	14	26.0	3.04	32.4	3.84	41.1	5.02	45.4	5.62	49.6	6.24	54.9	6.77	56.5	6.54
	16	26.0	3.09	32.4	3.92	41.1	5.12	45.4	5.73	49.6	6.36	54.2	6.82	55.7	6.89
	18	26.0	3.15	32.4	3.99	41.1	5.22	45.4	5.85	49.6	6.55	53.5	7.17	55.0	7.24
	20	26.0	3.20	32.4	4.07	41.1	5.35	45.4	6.16	49.6	7.04	52.7	7.52	54.3	7.60
	21	26.0	3.23	32.4	4.11	41.1	5.54	45.4	6.38	49.6	7.30	52.4	7.69	53.9	7.78
	23	26.0	3.29	32.4	4.28	41.1	5.93	45.4	6.84	49.6	7.83	51.7	8.05	53.2	8.13
	25	26.0	3.44	32.4	4.57	41.1	6.34	45.4	7.33	49.3	8.30	50.9	8.40	52.5	8.49
	27	26.0	3.66	32.4	4.87	41.1	6.78	45.4	7.83	48.6	8.65	50.2	8.75	51.7	8.85
	29	26.0	3.90	32.4	5.19	41.1	7.24	45.4	8.37	47.9	9.00	49.5	9.11	51.0	9.21
	31	26.0	4.14	32.4	5.52	41.1	7.72	45.4	8.94	47.2	9.35	48.7	9.47	50.3	9.58
	33	26.0	4.40	32.4	5.88	41.1	8.23	45.4	9.54	46.4	9.70	48.0	9.82	49.5	9.94
	35	26.0	4.67	32.4	6.25	41.1	8.77	44.9	9.99	45.7	10.1	47.3	10.2	48.8	10.3
	37	26.0	4.95	32.4	6.65	41.1	9.35	44.2	10.3	45.0	10.4	46.6	10.5	48.1	10.7
	39	26.0	5.25	32.4	7.06	41.1	9.95	43.4	10.7	44.2	10.8	45.8	10.9	47.4	11.0
120% (480)	10	24.0	2.71	29.9	3.40	37.9	4.42	41.9	4.94	45.8	5.48	53.6	6.57	57.0	6.73
	12	24.0	2.76	29.9	3.46	37.9	4.50	41.9	5.03	45.8	5.58	53.6	6.70	56.2	6.69
	14	24.0	2.80	29.9	3.52	37.9	4.58	41.9	5.13	45.8	5.69	53.6	6.82	55.5	6.65
	16	24.0	2.85	29.9	3.59	37.9	4.67	41.9	5.23	45.8	5.80	53.4	6.90	54.8	6.85
	18	24.0	2.90	29.9	3.65	37.9	4.76	41.9	5.33	45.8	5.91	52.6	7.13	54.0	7.20
	20	24.0	2.95	29.9	3.72	37.9	4.85	41.9	5.49	45.8	6.25	51.9	7.47	53.3	7.55
	21	24.0	2.98	29.9	3.76	37.9	4.95	41.9	5.68	45.8	6.48	51.5	7.65	53.0	7.72
	23	24.0	3.03	29.9	3.85	37.9	5.29	41.9	6.09	45.8	6.94	50.8	8.00	52.2	8.08
	25	24.0	3.13	29.9	4.11	37.9	5.66	41.9	6.51	45.8	7.43	50.1	8.35	51.5	8.43
	27	24.0	3.33	29.9	4.38	37.9	6.04	41.9	6.96	45.8	7.95	49.4	8.70	50.8	8.79
	29	24.0	3.53	29.9	4.66	37.9	6.45	41.9	7.43	45.8	8.50	48.6	9.05	50.0	9.15
	31	24.0	3.75	29.9	4.96	37.9	6.88	41.9	7.93	45.8	9.07	47.9	9.40	49.3	9.51
	33	24.0	3.98	29.9	5.28	37.9	7.33	41.9	8.46	45.7	9.65	47.2	9.76	48.6	9.87
	35	24.0	4.22	29.9	5.61	37.9	7.80	41.9	9.02	45.0	10.0	46.4	10.1	47.9	10.2
	37	24.0	4.47	29.9	5.96	37.9	8.31	41.9	9.61	44.3	10.4	45.7	10.5	47.1	10.6
	39	24.0	4.74	29.9	6.32	37.9	8.84	41.9	10.2	43.5	10.7	45.0	10.8	46.4	11.0
110% (440)	10	22.0	2.49	27.4	3.11	34.8	4.01	38.4	4.47	42.0	4.96	49.1	5.94	56.0	6.91
	12	22.0	2.53	27.4	3.16	34.8	4.08	38.4	4.56	42.0	5.05	49.1	6.05	55.3	6.88
	14	22.0	2.57	27.4	3.21	34.8	4.15	38.4	4.64	42.0	5.14	49.1	6.17	54.6	6.85
	16	22.0	2.61	27.4	3.27	34.8	4.23	38.4	4.73	42.0	5.24	49.1	6.29	53.8	6.81
	18	22.0	2.66	27.4	3.33	34.8	4.31	38.4	4.82	42.0	5.35	49.1	6.46	53.1	7.15
	20	22.0	2.70	27.4	3.39	34.8	4.40	38.4	4.92	42.0	5.51	49.1	6.94	52.4	7.50
	21	22.0	2.73	27.4	3.42	34.8	4.44	38.4	5.03	42.0	5.71	49.1	7.19	52.0	7.67
	23	22.0	2.78	27.4	3.49	34.8	4.70	38.4	5.38	42.0	6.11	49.1	7.71	51.3	8.02
	25	22.0	2.83	27.4	3.68	34.8	5.02	38.4	5.75	42.0	6.54	49.1	8.26	50.5	8.37
	27	22.0	3.00	27.4	3.92	34.8	5.35	38.4	6.14	42.0	6.99	48.5	8.64	49.8	8.73
	29	22.0	3.19	27.4	4.17	34.8	5.71	38.4	6.56	42.0	7.47	47.8	8.99	49.1	9.08
	31	22.0	3.38	27.4	4.43	34.8	6.08	38.4	6.99	42.0	7.97	47.1	9.34	48.4	9.44
	33	22.0	3.59	27.4	4.71	34.8	6.47	38.4	7.45	42.0	8.50	46.3	9.70	47.6	9.79
	35	22.0	3.80	27.4	5.00	34.8	6.89	38.4	7.93	42.0	9.06	45.6	10.0	46.9	10.2
	37	22.0	4.02	27.4	5.31	34.8	7.33	38.4	8.45	42.0	9.65	44.9	10.4	46.2	10.5
	39	22.0	4.26	27.4	5.63	34.8	7.79	38.4	8.99	42.0	10.3	44.2	10.8	45.4	10.9
100% (400)	10	20.0	2.28	24.9	2.82	31.6	3.61	34.9	4.02	38.2	4.45	44.7	5.32	50.9	6.20
	12	20.0	2.32	24.9	2.86	31.6	3.67	34.9	4.09	38.2	4.53	44.7	5.42	50.9	6.31
	14	20.0	2.35	24.9	2.91	31.6	3.74	34.9	4.17	38.2	4.61	44.7	5.53	50.9	6.43
	16	20.0	2.39	24.9	2.96	31.6	3.81	34.9	4.25	38.2	4.70	44.7	5.63	50.9	6.56
	18	20.0	2.43	24.9	3.01	31.6	3.88	34.9	4.33	38.2	4.79	44.7	5.74	50.9	6.82
	20	20.0	2.47	24.9	3.07	31.6	3.95	34.9	4.41	38.2	4.89	44.7	6.03	50.9	7.33
	21	20.0	2.49	24.9	3.10	31.6	3.99	34.9	4.46	38.2	4.99	44.7	6.24	50.9	7.59
	23	20.0	2.53	24.9	3.15	31.6	4.13	34.9	4.72	38.2	5.34	44.7	6.69	50.3	7.97
	25	20.0	2.57	24.9	3.27	31.6	4.41	34.9	5.04	38.2	5.71	44.7	7.16	49.6	8.32
	27	20.0	2.70	24.9	3.48	31.6	4.71	34.9	5.38	38.2	6.10	44.7	7.66	48.9	8.67
	29	20.0	2.86	24.9	3.70	31.6	5.01	34.9	5.73	38.2	6.51	44.7	8.18	48.1	9.02
	31	20.0	3.03	24.9	3.93	31.6	5.34	34.9	6.11	38.2	6.94	44.7	8.74	47.4	9.37
	33	20.0	3.21	24.9	4.17	31.6	5.68	34.9	6.50	38.2	7.39	44.7	9.32	46.7	9.72
	35	20.0	3.40	24.9	4.43	31.6	6.04	34.9	6.92	38.2	7.87	44.7	9.94	45.9	10.1
	37	20.0	3.60	24.9	4.69	31.6	6.42	34.9	7.36	38.2	8.38	44.0	10.3	45.2	10.4
	39	20.0	3.80	24.9	4.98	31.6	6.82	34.9	7.83	38.2	8.92	43.3	10.7	44.5	10.8
90% (360)	10	18.0	2.08	22.4	2.54	28.5	3.23	31.4	3.58	34.4	3.95	40.2	4.72	45.8	5.48
	12	18.0	2.11	22.4	2.58	28.5	3.28	31.4	3.65	34.4	4.02	40.2	4.80	45.8	5.59
	14	18.0	2.14	22.4	2.62	28.5	3.34	31.4	3.71	34.4	4.10	40.2	4.89	45.8	5.69
	16	18.0	2.17	22.4	2.67	28.5	3.40	31.4	3.78	34.4	4.17	40.2	4.99	45.8	5.81
	18	18.0	2.20	22.4	2.71	28.5	3.46	31.4	3.85	34.4	4.25	40.2	5.09	45.8	5.92
	20	18.0	2.24	22.4	2.76	28.5	3.52	31.4	3.92	34.4	4.34	40.2	5.19	45.8	6.26
	21	18.0	2.25	22.4	2.78	28.5	3.56	31.4	3.96	34.4	4.38	40.2	5.37	45.8	6.49
	23	18.0	2.29	22.4	2.83	28.5	3.63	31.4	4.10	34.4	4.62	40.2	5.75	45.8	6.95
	25	18.0	2.33	22.4	2.89	28.5	3.85	31.4	4.37	34.4	4.93	40.2	6.15	45.8	7.44
	27	18.0	2.41	22.4	3.07	28.5	4.10	31.4	4.66	34.4	5.26	40.2	6.57	45.8	7.96
	29	18.0	2.56	22.4	3.26	28.5	4.37	31.4	4.97	34.4	5.61	40.2	7.01	45.8	8.51
	31	18.0	2.71	22.4	3.46	28.5	4.64	31.4	5.29	34.4	5.98	40.2	7.48	45.8	9.08
	33	18.0	2.86	22.4	3.67	28.5	4.93	31.4	5.63	34.4	6.37	40.2	7.97	45.7	9.65
	35	18.0	3.03	22.4	3.89	28.5	5.24	31.4	5.98	34.4	6.77	40.2	8.49	45.0	10.0
	37	18.0	3.20	22.4	4.12	28.5	5.56	31.4	6.36	34.4	7.20	40.2	9.05	44.3	10.4
	39	18.0	3.38	22.4	4.36	28.5	5.91	31.4	6.75	34.4	7.66	40.2	9.63	43.5	10.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (320)	10	16.0	1.88	20.0	2.28	25.3	2.86	27.9	3.16	30.5	3.48	35.7	4.13	40.8	4.79
	12	16.0	1.91	20.0	2.31	25.3	2.90	27.9	3.22	30.5	3.54	35.7	4.20	40.8	4.88
	14	16.0	1.93	20.0	2.35	25.3	2.95	27.9	3.27	30.5	3.60	35.7	4.28	40.8	4.97
	16	16.0	1.96	20.0	2.38	25.3	3.00	27.9	3.33	30.5	3.67	35.7	4.36	40.8	5.07
	18	16.0	1.99	20.0	2.42	25.3	3.06	27.9	3.39	30.5	3.73	35.7	4.45	40.8	5.17
	20	16.0	2.02	20.0	2.46	25.3	3.11	27.9	3.45	30.5	3.81	35.7	4.54	40.8	5.28
	21	16.0	2.03	20.0	2.48	25.3	3.14	27.9	3.49	30.5	3.84	35.7	4.58	40.8	5.47
	23	16.0	2.06	20.0	2.52	25.3	3.20	27.9	3.55	30.5	3.95	35.7	4.87	40.8	5.86
	25	16.0	2.10	20.0	2.57	25.3	3.33	27.9	3.76	30.5	4.22	35.7	5.21	40.8	6.27
	27	16.0	2.14	20.0	2.69	25.3	3.54	27.9	4.00	30.5	4.50	35.7	5.56	40.8	6.70
	29	16.0	2.27	20.0	2.85	25.3	3.76	27.9	4.26	30.5	4.79	35.7	5.93	40.8	7.15
	31	16.0	2.40	20.0	3.03	25.3	4.00	27.9	4.53	30.5	5.09	35.7	6.32	40.8	7.63
	33	16.0	2.53	20.0	3.20	25.3	4.24	27.9	4.81	30.5	5.42	35.7	6.73	40.8	8.13
	35	16.0	2.67	20.0	3.39	25.3	4.50	27.9	5.11	30.5	5.76	35.7	7.16	40.8	8.66
	37	16.0	2.82	20.0	3.59	25.3	4.78	27.9	5.42	30.5	6.12	35.7	7.62	40.8	9.23
	39	16.0	2.98	20.0	3.79	25.3	5.06	27.9	5.76	30.5	6.50	35.7	8.11	40.8	9.83
70% (280)	10	14.0	1.69	17.5	2.02	22.1	2.51	24.4	2.76	26.7	3.02	31.3	3.57	35.7	4.12
	12	14.0	1.71	17.5	2.05	22.1	2.55	24.4	2.80	26.7	3.07	31.3	3.63	35.7	4.19
	14	14.0	1.74	17.5	2.08	22.1	2.59	24.4	2.85	26.7	3.13	31.3	3.69	35.7	4.27
	16	14.0	1.76	17.5	2.11	22.1	2.63	24.4	2.90	26.7	3.18	31.3	3.76	35.7	4.35
	18	14.0	1.78	17.5	2.14	22.1	2.67	24.4	2.95	26.7	3.24	31.3	3.83	35.7	4.44
	20	14.0	1.81	17.5	2.18	22.1	2.72	24.4	3.00	26.7	3.30	31.3	3.91	35.7	4.52
	21	14.0	1.82	17.5	2.19	22.1	2.74	24.4	3.03	26.7	3.33	31.3	3.94	35.7	4.57
	23	14.0	1.85	17.5	2.23	22.1	2.79	24.4	3.08	26.7	3.39	31.3	4.08	35.7	4.86
	25	14.0	1.87	17.5	2.26	22.1	2.84	24.4	3.19	26.7	3.56	31.3	4.35	35.7	5.19
	27	14.0	1.90	17.5	2.34	22.1	3.02	24.4	3.39	26.7	3.79	31.3	4.64	35.7	5.54
	29	14.0	2.00	17.5	2.47	22.1	3.21	24.4	3.61	26.7	4.03	31.3	4.94	35.7	5.91
	31	14.0	2.11	17.5	2.62	22.1	3.40	24.4	3.83	26.7	4.28	31.3	5.26	35.7	6.30
	33	14.0	2.22	17.5	2.77	22.1	3.61	24.4	4.06	26.7	4.55	31.3	5.59	35.7	6.71
	35	14.0	2.35	17.5	2.93	22.1	3.82	24.4	4.31	26.7	4.83	31.3	5.95	35.7	7.14
	37	14.0	2.47	17.5	3.09	22.1	4.05	24.4	4.57	26.7	5.12	31.3	6.32	35.7	7.60
	39	14.0	2.60	17.5	3.27	22.1	4.29	24.4	4.84	26.7	5.44	31.3	6.71	35.7	8.08
60% (240)	10	12.0	1.52	15.0	1.78	19.0	2.17	20.9	2.38	22.9	2.59	26.8	3.03	30.6	3.48
	12	12.0	1.53	15.0	1.81	19.0	2.21	20.9	2.41	22.9	2.63	26.8	3.08	30.6	3.54
	14	12.0	1.55	15.0	1.83	19.0	2.24	20.9	2.45	22.9	2.67	26.8	3.14	30.6	3.60
	16	12.0	1.57	15.0	1.85	19.0	2.27	20.9	2.49	22.9	2.72	26.8	3.19	30.6	3.67
	18	12.0	1.59	15.0	1.88	19.0	2.31	20.9	2.53	22.9	2.76	26.8	3.25	30.6	3.74
	20	12.0	1.61	15.0	1.91	19.0	2.35	20.9	2.57	22.9	2.81	26.8	3.31	30.6	3.81
	21	12.0	1.62	15.0	1.92	19.0	2.36	20.9	2.60	22.9	2.84	26.8	3.34	30.6	3.85
	23	12.0	1.64	15.0	1.95	19.0	2.40	20.9	2.64	22.9	2.89	26.8	3.40	30.6	3.96
	25	12.0	1.66	15.0	1.98	19.0	2.45	20.9	2.69	22.9	2.96	26.8	3.57	30.6	4.22
	27	12.0	1.68	15.0	2.01	19.0	2.55	20.9	2.84	22.9	3.15	26.8	3.80	30.6	4.50
	29	12.0	1.75	15.0	2.12	19.0	2.70	20.9	3.01	22.9	3.34	26.8	4.05	30.6	4.79
	31	12.0	1.84	15.0	2.24	19.0	2.86	20.9	3.19	22.9	3.55	26.8	4.30	30.6	5.10
	33	12.0	1.94	15.0	2.37	19.0	3.03	20.9	3.38	22.9	3.76	26.8	4.57	30.6	5.42
	35	12.0	2.04	15.0	2.50	19.0	3.20	20.9	3.58	22.9	3.98	26.8	4.85	30.6	5.77
	37	12.0	2.15	15.0	2.64	19.0	3.39	20.9	3.79	22.9	4.22	26.8	5.15	30.6	6.13
	39	12.0	2.26	15.0	2.78	19.0	3.58	20.9	4.01	22.9	4.47	26.8	5.46	30.6	6.51
50% (200)	10	10.0	1.35	12.5	1.56	15.8	1.86	17.4	2.02	19.1	2.19	22.3	2.53	25.5	2.88
	12	10.0	1.36	12.5	1.57	15.8	1.89	17.4	2.05	19.1	2.22	22.3	2.57	25.5	2.93
	14	10.0	1.37	12.5	1.59	15.8	1.91	17.4	2.08	19.1	2.25	22.3	2.61	25.5	2.98
	16	10.0	1.39	12.5	1.61	15.8	1.94	17.4	2.11	19.1	2.29	22.3	2.65	25.5	3.03
	18	10.0	1.40	12.5	1.63	15.8	1.97	17.4	2.14	19.1	2.32	22.3	2.70	25.5	3.08
	20	10.0	1.42	12.5	1.65	15.8	2.00	17.4	2.17	19.1	2.36	22.3	2.74	25.5	3.14
	21	10.0	1.43	12.5	1.66	15.8	2.01	17.4	2.19	19.1	2.38	22.3	2.77	25.5	3.16
	23	10.0	1.44	12.5	1.69	15.8	2.04	17.4	2.23	19.1	2.42	22.3	2.82	25.5	3.22
	25	10.0	1.46	12.5	1.71	15.8	2.07	17.4	2.26	19.1	2.46	22.3	2.87	25.5	3.36
	27	10.0	1.48	12.5	1.73	15.8	2.12	17.4	2.33	19.1	2.56	22.3	3.05	25.5	3.57
	29	10.0	1.51	12.5	1.80	15.8	2.24	17.4	2.47	19.1	2.72	22.3	3.24	25.5	3.80
	31	10.0	1.59	12.5	1.90	15.8	2.37	17.4	2.62	19.1	2.88	22.3	3.44	25.5	4.03
	33	10.0	1.67	12.5	2.00	15.8	2.50	17.4	2.77	19.1	3.05	22.3	3.65	25.5	4.28
	35	10.0	1.76	12.5	2.11	15.8	2.64	17.4	2.92	19.1	3.23	22.3	3.87	25.5	4.54
	37	10.0	1.85	12.5	2.22	15.8	2.79	17.4	3.09	19.1	3.41	22.3	4.10	25.5	4.82
	39	10.0	1.94	12.5	2.34	15.8	2.94	17.4	3.26	19.1	3.60	22.3	4.34	25.5	5.11

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ18THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	27.9	3.07	34.7	3.88	44.0	5.05	48.6	5.66	53.2	6.28	60.4	7.15	62.1	6.83
	12	27.9	3.12	34.7	3.95	44.0	5.15	48.6	5.77	53.2	6.40	59.6	7.11	61.3	6.79
	14	27.9	3.18	34.7	4.02	44.0	5.25	48.6	5.88	53.2	6.52	58.9	7.08	60.5	6.83
	16	27.9	3.23	34.7	4.09	44.0	5.35	48.6	5.99	53.2	6.65	58.1	7.13	59.7	7.20
	18	27.9	3.29	34.7	4.17	44.0	5.45	48.6	6.11	53.2	6.85	57.3	7.49	58.9	7.57
	20	27.9	3.35	34.7	4.25	44.0	5.59	48.6	6.44	53.2	7.36	56.5	7.86	58.2	7.94
	21	27.9	3.38	34.7	4.29	44.0	5.79	48.6	6.67	53.2	7.63	56.1	8.04	57.8	8.13
	23	27.9	3.44	34.7	4.47	44.0	6.20	48.6	7.15	53.2	8.18	55.3	8.41	57.0	8.50
	25	27.9	3.60	34.7	4.77	44.0	6.63	48.6	7.66	52.9	8.68	54.6	8.78	56.2	8.87
	27	27.9	3.83	34.7	5.09	44.0	7.08	48.6	8.19	52.1	9.04	53.8	9.15	55.4	9.25
	29	27.9	4.07	34.7	5.42	44.0	7.56	48.6	8.75	51.3	9.41	53.0	9.52	54.6	9.63
	31	27.9	4.33	34.7	5.77	44.0	8.07	48.6	9.34	50.5	9.77	52.2	9.89	53.9	10.0
	33	27.9	4.59	34.7	6.14	44.0	8.60	48.6	9.97	49.7	10.1	51.4	10.3	53.1	10.4
	35	27.9	4.88	34.7	6.53	44.0	9.17	48.1	10.4	49.0	10.5	50.7	10.6	52.3	10.8
	37	27.9	5.17	34.7	6.95	44.0	9.77	47.3	10.8	48.2	10.9	49.9	11.0	51.5	11.2
	39	27.9	5.49	34.7	7.38	44.0	10.4	46.5	11.2	47.4	11.3	49.1	11.4	50.7	11.5
120% (540)	10	25.7	2.84	32.1	3.56	40.6	4.62	44.9	5.16	49.1	5.73	57.4	6.87	61.0	7.03
	12	25.7	2.88	32.1	3.62	40.6	4.70	44.9	5.26	49.1	5.83	57.4	7.00	60.3	6.99
	14	25.7	2.93	32.1	3.68	40.6	4.79	44.9	5.36	49.1	5.94	57.4	7.13	59.5	6.95
	16	25.7	2.98	32.1	3.75	40.6	4.88	44.9	5.46	49.1	6.06	57.2	7.22	58.7	7.16
	18	25.7	3.03	32.1	3.82	40.6	4.97	44.9	5.57	49.1	6.18	56.4	7.45	57.9	7.52
	20	25.7	3.08	32.1	3.89	40.6	5.07	44.9	5.74	49.1	6.54	55.6	7.81	57.1	7.89
	21	25.7	3.11	32.1	3.93	40.6	5.17	44.9	5.94	49.1	6.77	55.2	7.99	56.7	8.07
	23	25.7	3.17	32.1	4.03	40.6	5.53	44.9	6.36	49.1	7.26	54.4	8.36	56.0	8.44
	25	25.7	3.27	32.1	4.29	40.6	5.92	44.9	6.81	49.1	7.77	53.7	8.72	55.2	8.81
	27	25.7	3.48	32.1	4.58	40.6	6.32	44.9	7.28	49.1	8.31	52.9	9.09	54.4	9.19
	29	25.7	3.69	32.1	4.87	40.6	6.74	44.9	7.77	49.1	8.88	52.1	9.46	53.6	9.56
	31	25.7	3.92	32.1	5.19	40.6	7.19	44.9	8.29	49.1	9.48	51.3	9.83	52.8	9.94
	33	25.7	4.16	32.1	5.51	40.6	7.66	44.9	8.84	49.0	10.1	50.5	10.2	52.1	10.3
	35	25.7	4.41	32.1	5.86	40.6	8.15	44.9	9.42	48.2	10.4	49.8	10.6	51.3	10.7
	37	25.7	4.68	32.1	6.22	40.6	8.68	44.9	10.0	47.4	10.8	49.0	10.9	50.5	11.1
	39	25.7	4.95	32.1	6.61	40.6	9.24	44.9	10.7	46.6	11.2	48.2	11.3	49.7	11.5
110% (495)	10	23.6	2.61	29.4	3.25	37.3	4.19	41.1	4.68	45.0	5.18	52.6	6.21	60.0	7.23
	12	23.6	2.65	29.4	3.30	37.3	4.26	41.1	4.76	45.0	5.28	52.6	6.33	59.2	7.19
	14	23.6	2.69	29.4	3.36	37.3	4.34	41.1	4.85	45.0	5.38	52.6	6.45	58.5	7.16
	16	23.6	2.73	29.4	3.42	37.3	4.42	41.1	4.94	45.0	5.48	52.6	6.57	57.7	7.12
	18	23.6	2.78	29.4	3.48	37.3	4.51	41.1	5.04	45.0	5.59	52.6	6.75	56.9	7.47
	20	23.6	2.83	29.4	3.54	37.3	4.60	41.1	5.14	45.0	5.76	52.6	7.25	56.1	7.84
	21	23.6	2.85	29.4	3.58	37.3	4.64	41.1	5.25	45.0	5.97	52.6	7.51	55.7	8.02
	23	23.6	2.90	29.4	3.65	37.3	4.91	41.1	5.62	45.0	6.39	52.6	8.06	54.9	8.39
	25	23.6	2.95	29.4	3.84	37.3	5.24	41.1	6.01	45.0	6.84	52.6	8.63	54.2	8.75
	27	23.6	3.14	29.4	4.09	37.3	5.60	41.1	6.42	45.0	7.31	52.0	9.03	53.4	9.12
	29	23.6	3.33	29.4	4.36	37.3	5.97	41.1	6.85	45.0	7.80	51.2	9.40	52.6	9.49
	31	23.6	3.54	29.4	4.63	37.3	6.36	41.1	7.31	45.0	8.33	50.4	9.77	51.8	9.86
	33	23.6	3.75	29.4	4.92	37.3	6.77	41.1	7.79	45.0	8.88	49.6	10.1	51.0	10.2
	35	23.6	3.97	29.4	5.22	37.3	7.20	41.1	8.29	45.0	9.47	48.9	10.5	50.3	10.6
	37	23.6	4.20	29.4	5.54	37.3	7.66	41.1	8.83	45.0	10.1	48.1	10.9	49.5	11.0
	39	23.6	4.45	29.4	5.88	37.3	8.15	41.1	9.40	45.0	10.7	47.3	11.2	48.7	11.4
100% (450)	10	21.4	2.38	26.7	2.95	33.9	3.77	37.4	4.20	40.9	4.65	47.9	5.56	54.6	6.48
	12	21.4	2.42	26.7	2.99	33.9	3.84	37.4	4.28	40.9	4.73	47.9	5.67	54.6	6.60
	14	21.4	2.46	26.7	3.04	33.9	3.91	37.4	4.36	40.9	4.82	47.9	5.77	54.6	6.72
	16	21.4	2.50	26.7	3.10	33.9	3.98	37.4	4.44	40.9	4.91	47.9	5.89	54.6	6.86
	18	21.4	2.54	26.7	3.15	33.9	4.05	37.4	4.52	40.9	5.01	47.9	6.00	54.6	7.12
	20	21.4	2.58	26.7	3.21	33.9	4.13	37.4	4.61	40.9	5.11	47.9	6.30	54.6	7.66
	21	21.4	2.60	26.7	3.24	33.9	4.17	37.4	4.66	40.9	5.21	47.9	6.53	54.6	7.93
	23	21.4	2.64	26.7	3.30	33.9	4.32	37.4	4.93	40.9	5.58	47.9	6.99	53.9	8.33
	25	21.4	2.69	26.7	3.42	33.9	4.61	37.4	5.27	40.9	5.97	47.9	7.49	53.1	8.69
	27	21.4	2.82	26.7	3.64	33.9	4.92	37.4	5.62	40.9	6.37	47.9	8.00	52.4	9.06
	29	21.4	2.99	26.7	3.87	33.9	5.24	37.4	5.99	40.9	6.80	47.9	8.55	51.6	9.42
	31	21.4	3.17	26.7	4.11	33.9	5.58	37.4	6.38	40.9	7.25	47.9	9.13	50.8	9.79
	33	21.4	3.36	26.7	4.36	33.9	5.93	37.4	6.80	40.9	7.73	47.9	9.74	50.0	10.2
	35	21.4	3.55	26.7	4.63	33.9	6.31	37.4	7.23	40.9	8.23	47.9	10.4	49.2	10.5
	37	21.4	3.76	26.7	4.91	33.9	6.71	37.4	7.70	40.9	8.76	47.2	10.8	48.4	10.9
	39	21.4	3.98	26.7	5.20	33.9	7.12	37.4	8.18	40.9	9.32	46.4	11.2	47.7	11.3
90% (405)	10	19.3	2.17	24.1	2.66	30.5	3.37	33.6	3.74	36.8	4.13	43.1	4.93	49.1	5.73
	12	19.3	2.20	24.1	2.70	30.5	3.43	33.6	3.81	36.8	4.21	43.1	5.02	49.1	5.84
	14	19.3	2.23	24.1	2.74	30.5	3.49	33.6	3.88	36.8	4.28	43.1	5.12	49.1	5.95
	16	19.3	2.27	24.1	2.79	30.5	3.55	33.6	3.95	36.8	4.36	43.1	5.21	49.1	6.07
	18	19.3	2.30	24.1	2.83	30.5	3.62	33.6	4.02	36.8	4.45	43.1	5.32	49.1	6.19
	20	19.3	2.34	24.1	2.88	30.5	3.68	33.6	4.10	36.8	4.53	43.1	5.42	49.1	6.54
	21	19.3	2.36	24.1	2.91	30.5	3.72	33.6	4.14	36.8	4.58	43.1	5.61	49.1	6.78
	23	19.3	2.39	24.1	2.96	30.5	3.79	33.6	4.28	36.8	4.83	43.1	6.00	49.1	7.27
	25	19.3	2.43	24.1	3.02	30.5	4.02	33.6	4.57	36.8	5.16	43.1	6.42	49.1	7.78
	27	19.3	2.52	24.1	3.21	30.5	4.29	33.6	4.87	36.8	5.50	43.1	6.86	49.1	8.32
	29	19.3	2.67	24.1	3.41	30.5	4.56	33.6	5.19	36.8	5.87	43.1	7.33	49.1	8.89
	31	19.3	2.83	24.1	3.62	30.5	4.85	33.6	5.53	36.8	6.25	43.1	7.81	49.1	9.49
	33	19.3	2.99	24.1	3.84	30.5	5.16	33.6	5.88	36.8	6.65	43.1	8.33	49.0	10.1
	35	19.3	3.16	24.1	4.07	30.5	5.48	33.6	6.25	36.8	7.08	43.1	8.88	48.2	10.5
	37	19.3	3.34	24.1	4.31	30.5	5.82	33.6	6.64	36.8	7.53	43.1	9.45	47.4	10.8
	39	19.3	3.53	24.1	4.56	30.5	6.17	33.6	7.06	36.8	8.01	43.1	10.1	46.6	11.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	17.1	1.97	21.4	2.38	27.1	2.99	29.9	3.30	32.7	3.63	38.3	4.32	43.7	5.01
	12	17.1	1.99	21.4	2.41	27.1	3.04	29.9	3.36	32.7	3.70	38.3	4.39	43.7	5.10
	14	17.1	2.02	21.4	2.45	27.1	3.09	29.9	3.42	32.7	3.76	38.3	4.48	43.7	5.20
	16	17.1	2.05	21.4	2.49	27.1	3.14	29.9	3.48	32.7	3.83	38.3	4.56	43.7	5.30
	18	17.1	2.08	21.4	2.53	27.1	3.20	29.9	3.54	32.7	3.90	38.3	4.65	43.7	5.40
	20	17.1	2.11	21.4	2.57	27.1	3.25	29.9	3.61	32.7	3.98	38.3	4.74	43.7	5.52
	21	17.1	2.12	21.4	2.59	27.1	3.28	29.9	3.64	32.7	4.02	38.3	4.79	43.7	5.72
	23	17.1	2.16	21.4	2.64	27.1	3.34	29.9	3.71	32.7	4.13	38.3	5.09	43.7	6.12
	25	17.1	2.19	21.4	2.68	27.1	3.48	29.9	3.93	32.7	4.41	38.3	5.44	43.7	6.55
	27	17.1	2.24	21.4	2.81	27.1	3.70	29.9	4.18	32.7	4.70	38.3	5.81	43.7	7.00
	29	17.1	2.37	21.4	2.98	27.1	3.93	29.9	4.45	32.7	5.00	38.3	6.20	43.7	7.47
	31	17.1	2.50	21.4	3.16	27.1	4.18	29.9	4.73	32.7	5.32	38.3	6.60	43.7	7.97
	33	17.1	2.65	21.4	3.35	27.1	4.44	29.9	5.03	32.7	5.66	38.3	7.03	43.7	8.50
	35	17.1	2.79	21.4	3.54	27.1	4.71	29.9	5.34	32.7	6.02	38.3	7.48	43.7	9.06
	37	17.1	2.95	21.4	3.75	27.1	4.99	29.9	5.67	32.7	6.39	38.3	7.96	43.7	9.65
	39	17.1	3.11	21.4	3.96	27.1	5.29	29.9	6.02	32.7	6.79	38.3	8.47	43.7	10.3
70% (315)	10	15.0	1.77	18.7	2.11	23.7	2.62	26.2	2.88	28.6	3.16	33.5	3.73	38.2	4.31
	12	15.0	1.79	18.7	2.14	23.7	2.66	26.2	2.93	28.6	3.21	33.5	3.79	38.2	4.38
	14	15.0	1.81	18.7	2.17	23.7	2.70	26.2	2.98	28.6	3.27	33.5	3.86	38.2	4.47
	16	15.0	1.84	18.7	2.21	23.7	2.75	26.2	3.03	28.6	3.32	33.5	3.93	38.2	4.55
	18	15.0	1.86	18.7	2.24	23.7	2.79	26.2	3.08	28.6	3.38	33.5	4.01	38.2	4.64
	20	15.0	1.89	18.7	2.27	23.7	2.84	26.2	3.14	28.6	3.45	33.5	4.08	38.2	4.73
	21	15.0	1.90	18.7	2.29	23.7	2.87	26.2	3.17	28.6	3.48	33.5	4.12	38.2	4.78
	23	15.0	1.93	18.7	2.33	23.7	2.92	26.2	3.22	28.6	3.54	33.5	4.26	38.2	5.08
	25	15.0	1.96	18.7	2.37	23.7	2.97	26.2	3.33	28.6	3.72	33.5	4.55	38.2	5.43
	27	15.0	1.99	18.7	2.44	23.7	3.16	26.2	3.55	28.6	3.96	33.5	4.85	38.2	5.79
	29	15.0	2.09	18.7	2.59	23.7	3.35	26.2	3.77	28.6	4.21	33.5	5.16	38.2	6.18
	31	15.0	2.20	18.7	2.74	23.7	3.56	26.2	4.00	28.6	4.48	33.5	5.50	38.2	6.58
	33	15.0	2.32	18.7	2.89	23.7	3.77	26.2	4.25	28.6	4.75	33.5	5.85	38.2	7.01
	35	15.0	2.45	18.7	3.06	23.7	4.00	26.2	4.51	28.6	5.05	33.5	6.22	38.2	7.46
	37	15.0	2.58	18.7	3.23	23.7	4.23	26.2	4.78	28.6	5.36	33.5	6.61	38.2	7.94
	39	15.0	2.72	18.7	3.41	23.7	4.48	26.2	5.06	28.6	5.68	33.5	7.02	38.2	8.44
60% (270)	10	12.9	1.58	16.0	1.86	20.3	2.27	22.4	2.49	24.5	2.71	28.7	3.17	32.7	3.64
	12	12.9	1.60	16.0	1.89	20.3	2.31	22.4	2.52	24.5	2.75	28.7	3.22	32.7	3.70
	14	12.9	1.62	16.0	1.91	20.3	2.34	22.4	2.56	24.5	2.80	28.7	3.28	32.7	3.77
	16	12.9	1.64	16.0	1.94	20.3	2.38	22.4	2.60	24.5	2.84	28.7	3.33	32.7	3.84
	18	12.9	1.66	16.0	1.96	20.3	2.41	22.4	2.65	24.5	2.89	28.7	3.39	32.7	3.91
	20	12.9	1.68	16.0	1.99	20.3	2.45	22.4	2.69	24.5	2.94	28.7	3.46	32.7	3.98
	21	12.9	1.69	16.0	2.01	20.3	2.47	22.4	2.71	24.5	2.97	28.7	3.49	32.7	4.02
	23	12.9	1.71	16.0	2.04	20.3	2.51	22.4	2.76	24.5	3.02	28.7	3.55	32.7	4.14
	25	12.9	1.74	16.0	2.07	20.3	2.56	22.4	2.81	24.5	3.09	28.7	3.73	32.7	4.41
	27	12.9	1.76	16.0	2.10	20.3	2.66	22.4	2.97	24.5	3.29	28.7	3.98	32.7	4.70
	29	12.9	1.82	16.0	2.22	20.3	2.82	22.4	3.15	24.5	3.49	28.7	4.23	32.7	5.01
	31	12.9	1.92	16.0	2.35	20.3	2.99	22.4	3.34	24.5	3.71	28.7	4.49	32.7	5.33
	33	12.9	2.03	16.0	2.48	20.3	3.16	22.4	3.54	24.5	3.93	28.7	4.77	32.7	5.67
	35	12.9	2.13	16.0	2.61	20.3	3.35	22.4	3.74	24.5	4.16	28.7	5.07	32.7	6.03
	37	12.9	2.24	16.0	2.76	20.3	3.54	22.4	3.96	24.5	4.41	28.7	5.38	32.7	6.40
	39	12.9	2.36	16.0	2.91	20.3	3.74	22.4	4.19	24.5	4.67	28.7	5.70	32.7	6.80
50% (225)	10	10.7	1.41	13.4	1.63	16.9	1.95	18.7	2.11	20.4	2.29	23.9	2.64	27.3	3.01
	12	10.7	1.42	13.4	1.65	16.9	1.97	18.7	2.14	20.4	2.32	23.9	2.68	27.3	3.06
	14	10.7	1.44	13.4	1.66	16.9	2.00	18.7	2.17	20.4	2.35	23.9	2.73	27.3	3.11
	16	10.7	1.45	13.4	1.69	16.9	2.03	18.7	2.20	20.4	2.39	23.9	2.77	27.3	3.16
	18	10.7	1.47	13.4	1.71	16.9	2.06	18.7	2.24	20.4	2.43	23.9	2.82	27.3	3.22
	20	10.7	1.48	13.4	1.73	16.9	2.09	18.7	2.27	20.4	2.47	23.9	2.87	27.3	3.28
	21	10.7	1.49	13.4	1.74	16.9	2.10	18.7	2.29	20.4	2.49	23.9	2.89	27.3	3.31
	23	10.7	1.51	13.4	1.76	16.9	2.13	18.7	2.33	20.4	2.53	23.9	2.94	27.3	3.37
	25	10.7	1.53	13.4	1.79	16.9	2.17	18.7	2.36	20.4	2.57	23.9	3.00	27.3	3.51
	27	10.7	1.55	13.4	1.81	16.9	2.21	18.7	2.44	20.4	2.68	23.9	3.19	27.3	3.73
	29	10.7	1.58	13.4	1.88	16.9	2.34	18.7	2.58	20.4	2.84	23.9	3.39	27.3	3.97
	31	10.7	1.66	13.4	1.99	16.9	2.47	18.7	2.73	20.4	3.01	23.9	3.60	27.3	4.22
	33	10.7	1.75	13.4	2.09	16.9	2.61	18.7	2.89	20.4	3.19	23.9	3.81	27.3	4.48
	35	10.7	1.84	13.4	2.20	16.9	2.76	18.7	3.06	20.4	3.37	23.9	4.04	27.3	4.75
	37	10.7	1.93	13.4	2.32	16.9	2.91	18.7	3.23	20.4	3.56	23.9	4.28	27.3	5.04
	39	10.7	2.03	13.4	2.44	16.9	3.07	18.7	3.41	20.4	3.77	23.9	4.53	27.3	5.34

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes:
1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ20THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	31.6	3.52	39.4	4.44	49.9	5.79	55.1	6.48	60.3	7.19	68.5	8.19	70.3	7.83
	12	31.6	3.58	39.4	4.52	49.9	5.90	55.1	6.60	60.3	7.33	67.6	8.14	69.4	7.78
	14	31.6	3.64	39.4	4.60	49.9	6.01	55.1	6.73	60.3	7.47	66.7	8.10	68.6	7.83
	16	31.6	3.70	39.4	4.69	49.9	6.12	55.1	6.86	60.3	7.61	65.8	8.16	67.7	8.25
	18	31.6	3.77	39.4	4.77	49.9	6.24	55.1	7.00	60.3	7.84	64.9	8.58	66.8	8.67
	20	31.6	3.83	39.4	4.87	49.9	6.40	55.1	7.38	60.3	8.43	64.1	9.00	65.9	9.09
	21	31.6	3.87	39.4	4.91	49.9	6.63	55.1	7.64	60.3	8.73	63.6	9.21	65.5	9.31
	23	31.6	3.94	39.4	5.12	49.9	7.10	55.1	8.19	60.3	9.37	62.7	9.63	64.6	9.73
	25	31.6	4.12	39.4	5.46	49.9	7.59	55.1	8.77	59.9	9.93	61.8	10.1	63.7	10.2
	27	31.6	4.39	39.4	5.83	49.9	8.11	55.1	9.38	59.0	10.4	61.0	10.5	62.8	10.6
	29	31.6	4.66	39.4	6.21	49.9	8.66	55.1	10.0	58.1	10.8	60.1	10.9	61.9	11.0
	31	31.6	4.96	39.4	6.61	49.9	9.24	55.1	10.7	57.3	11.2	59.2	11.3	61.0	11.5
	33	31.6	5.26	39.4	7.03	49.9	9.85	55.1	11.4	56.4	11.6	58.3	11.8	60.2	11.9
	35	31.6	5.58	39.4	7.48	49.9	10.5	54.5	12.0	55.5	12.0	57.4	12.2	59.3	12.3
	37	31.6	5.92	39.4	7.95	49.9	11.2	53.6	12.4	54.6	12.5	56.5	12.6	58.4	12.8
	39	31.6	6.28	39.4	8.45	49.9	11.9	52.8	12.8	53.7	12.9	55.6	13.1	57.5	13.2
120% (600)	10	29.2	3.25	36.3	4.07	46.1	5.28	50.8	5.91	55.6	6.56	65.1	7.87	69.2	8.05
	12	29.2	3.30	36.3	4.14	46.1	5.38	50.8	6.02	55.6	6.68	65.1	8.01	68.3	8.01
	14	29.2	3.35	36.3	4.22	46.1	5.48	50.8	6.14	55.6	6.81	65.1	8.17	67.4	7.96
	16	29.2	3.41	36.3	4.29	46.1	5.59	50.8	6.26	55.6	6.94	64.8	8.26	66.5	8.19
	18	29.2	3.47	36.3	4.37	46.1	5.70	50.8	6.38	55.6	7.08	63.9	8.53	65.6	8.61
	20	29.2	3.53	36.3	4.46	46.1	5.81	50.8	6.57	55.6	7.48	63.0	8.95	64.7	9.03
	21	29.2	3.56	36.3	4.50	46.1	5.92	50.8	6.80	55.6	7.75	62.6	9.15	64.3	9.24
	23	29.2	3.63	36.3	4.61	46.1	6.34	50.8	7.29	55.6	8.31	61.7	9.57	63.4	9.67
	25	29.2	3.74	36.3	4.92	46.1	6.77	50.8	7.80	55.6	8.90	60.8	9.99	62.5	10.1
	27	29.2	3.98	36.3	5.24	46.1	7.23	50.8	8.33	55.6	9.51	59.9	10.4	61.6	10.5
	29	29.2	4.23	36.3	5.58	46.1	7.72	50.8	8.90	55.6	10.2	59.1	10.8	60.8	10.9
	31	29.2	4.49	36.3	5.94	46.1	8.23	50.8	9.49	55.6	10.9	58.2	11.3	59.9	11.4
	33	29.2	4.76	36.3	6.31	46.1	8.77	50.8	10.1	55.5	11.5	57.3	11.7	59.0	11.8
	35	29.2	5.05	36.3	6.71	46.1	9.34	50.8	10.8	54.6	12.0	56.4	12.1	58.1	12.2
	37	29.2	5.35	36.3	7.13	46.1	9.94	50.8	11.5	53.7	12.4	55.5	12.5	57.2	12.7
	39	29.2	5.67	36.3	7.57	46.1	10.6	50.8	12.2	52.9	12.8	54.6	13.0	56.3	13.1
110% (550)	10	26.7	2.98	33.3	3.72	42.2	4.79	46.6	5.35	51.0	5.93	59.7	7.11	68.0	8.27
	12	26.7	3.03	33.3	3.78	42.2	4.88	46.6	5.45	51.0	6.04	59.7	7.25	67.1	8.23
	14	26.7	3.08	33.3	3.85	42.2	4.97	46.6	5.56	51.0	6.16	59.7	7.38	66.2	8.19
	16	26.7	3.13	33.3	3.91	42.2	5.06	46.6	5.66	51.0	6.28	59.7	7.53	65.4	8.15
	18	26.7	3.18	33.3	3.98	42.2	5.16	46.6	5.77	51.0	6.40	59.7	7.73	64.5	8.56
	20	26.7	3.24	33.3	4.06	42.2	5.26	46.6	5.89	51.0	6.60	59.7	8.31	63.6	8.97
	21	26.7	3.26	33.3	4.10	42.2	5.32	46.6	6.02	51.0	6.83	59.7	8.60	63.1	9.18
	23	26.7	3.32	33.3	4.17	42.2	5.62	46.6	6.44	51.0	7.32	59.7	9.23	62.3	9.60
	25	26.7	3.38	33.3	4.40	42.2	6.00	46.6	6.88	51.0	7.83	59.7	9.88	61.4	10.0
	27	26.7	3.59	33.3	4.69	42.2	6.41	46.6	7.35	51.0	8.37	58.9	10.3	60.5	10.4
	29	26.7	3.82	33.3	4.99	42.2	6.83	46.6	7.85	51.0	8.94	58.0	10.8	59.6	10.9
	31	26.7	4.05	33.3	5.30	42.2	7.28	46.6	8.37	51.0	9.54	57.2	11.2	58.7	11.3
	33	26.7	4.29	33.3	5.63	42.2	7.75	46.6	8.91	51.0	10.2	56.3	11.6	57.8	11.7
	35	26.7	4.55	33.3	5.98	42.2	8.25	46.6	9.49	51.0	10.8	55.4	12.0	57.0	12.2
	37	26.7	4.82	33.3	6.35	42.2	8.77	46.6	10.1	51.0	11.5	54.5	12.5	56.1	12.6
	39	26.7	5.10	33.3	6.74	42.2	9.33	46.6	10.8	51.0	12.3	53.6	12.9	55.2	13.0
100% (500)	10	24.3	2.73	30.3	3.37	38.4	4.32	42.4	4.81	46.3	5.32	54.2	6.37	61.9	7.41
	12	24.3	2.77	30.3	3.43	38.4	4.40	42.4	4.90	46.3	5.42	54.2	6.49	61.9	7.55
	14	24.3	2.81	30.3	3.49	38.4	4.47	42.4	4.99	46.3	5.52	54.2	6.61	61.9	7.70
	16	24.3	2.86	30.3	3.55	38.4	4.56	42.4	5.08	46.3	5.63	54.2	6.74	61.9	7.85
	18	24.3	2.90	30.3	3.61	38.4	4.64	42.4	5.18	46.3	5.74	54.2	6.88	61.9	8.16
	20	24.3	2.95	30.3	3.67	38.4	4.73	42.4	5.28	46.3	5.85	54.2	7.21	61.9	8.77
	21	24.3	2.98	30.3	3.71	38.4	4.78	42.4	5.33	46.3	5.97	54.2	7.47	61.9	9.09
	23	24.3	3.03	30.3	3.77	38.4	4.95	42.4	5.64	46.3	6.39	54.2	8.01	61.1	9.54
	25	24.3	3.08	30.3	3.92	38.4	5.28	42.4	6.03	46.3	6.83	54.2	8.57	60.2	9.95
	27	24.3	3.23	30.3	4.17	38.4	5.63	42.4	6.44	46.3	7.30	54.2	9.17	59.3	10.4
	29	24.3	3.43	30.3	4.43	38.4	6.00	42.4	6.86	46.3	7.79	54.2	9.79	58.4	10.8
	31	24.3	3.63	30.3	4.70	38.4	6.39	42.4	7.31	46.3	8.30	54.2	10.5	57.6	11.2
	33	24.3	3.85	30.3	4.99	38.4	6.79	42.4	7.78	46.3	8.85	54.2	11.2	56.7	11.6
	35	24.3	4.07	30.3	5.30	38.4	7.22	42.4	8.28	46.3	9.42	54.2	11.9	55.8	12.1
	37	24.3	4.31	30.3	5.62	38.4	7.68	42.4	8.81	46.3	10.0	53.5	12.4	54.9	12.5
	39	24.3	4.55	30.3	5.95	38.4	8.16	42.4	9.37	46.3	10.7	52.6	12.8	54.0	12.9
90% (450)	10	21.9	2.49	27.3	3.04	34.5	3.86	38.1	4.29	41.7	4.73	48.8	5.64	55.7	6.56
	12	21.9	2.52	27.3	3.09	34.5	3.93	38.1	4.36	41.7	4.82	48.8	5.75	55.7	6.69
	14	21.9	2.56	27.3	3.14	34.5	4.00	38.1	4.44	41.7	4.90	48.8	5.86	55.7	6.81
	16	21.9	2.60	27.3	3.19	34.5	4.07	38.1	4.52	41.7	5.00	48.8	5.97	55.7	6.95
	18	21.9	2.64	27.3	3.24	34.5	4.14	38.1	4.61	41.7	5.09	48.8	6.09	55.7	7.09
	20	21.9	2.68	27.3	3.30	34.5	4.22	38.1	4.70	41.7	5.19	48.8	6.21	55.7	7.49
	21	21.9	2.70	27.3	3.33	34.5	4.26	38.1	4.74	41.7	5.24	48.8	6.42	55.7	7.76
	23	21.9	2.74	27.3	3.39	34.5	4.34	38.1	4.90	41.7	5.53	48.8	6.88	55.7	8.32
	25	21.9	2.79	27.3	3.46	34.5	4.61	38.1	5.23	41.7	5.90	48.8	7.35	55.7	8.91
	27	21.9	2.89	27.3	3.68	34.5	4.91	38.1	5.58	41.7	6.30	48.8	7.86	55.7	9.53
	29	21.9	3.06	27.3	3.91	34.5	5.22	38.1	5.95	41.7	6.72	48.8	8.39	55.7	10.2
	31	21.9	3.24	27.3	4.14	34.5	5.56	38.1	6.33	41.7	7.16	48.8	8.95	55.7	10.9
	33	21.9	3.43	27.3	4.39	34.5	5.90	38.1	6.73	41.7	7.62	48.8	9.54	55.5	11.5
	35	21.9	3.62	27.3	4.66	34.5	6.27	38.1	7.16	41.7	8.11	48.8	10.2	54.6	12.0
	37	21.9	3.83	27.3	4.93	34.5	6.66	38.1	7.61	41.7	8.62	48.8	10.8	53.8	12.4
	39	21.9	4.04	27.3	5.22	34.5	7.07	38.1	8.08	41.7	9.17	48.8	11.5	52.9	12.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	19.4	2.25	24.2	2.72	30.7	3.42	33.9	3.78	37.1	4.16	43.4	4.94	49.5	5.73
	12	19.4	2.28	24.2	2.76	30.7	3.48	33.9	3.85	37.1	4.23	43.4	5.03	49.5	5.84
	14	19.4	2.31	24.2	2.81	30.7	3.53	33.9	3.91	37.1	4.31	43.4	5.13	49.5	5.95
	16	19.4	2.34	24.2	2.85	30.7	3.60	33.9	3.98	37.1	4.39	43.4	5.22	49.5	6.06
	18	19.4	2.38	24.2	2.90	30.7	3.66	33.9	4.06	37.1	4.47	43.4	5.32	49.5	6.18
	20	19.4	2.41	24.2	2.94	30.7	3.72	33.9	4.13	37.1	4.55	43.4	5.43	49.5	6.32
	21	19.4	2.43	24.2	2.97	30.7	3.76	33.9	4.17	37.1	4.60	43.4	5.48	49.5	6.55
	23	19.4	2.47	24.2	3.02	30.7	3.83	33.9	4.25	37.1	4.73	43.4	5.83	49.5	7.01
	25	19.4	2.51	24.2	3.07	30.7	3.98	33.9	4.50	37.1	5.05	43.4	6.23	49.5	7.50
	27	19.4	2.56	24.2	3.22	30.7	4.24	33.9	4.79	37.1	5.38	43.4	6.65	49.5	8.01
	29	19.4	2.71	24.2	3.42	30.7	4.50	33.9	5.10	37.1	5.73	43.4	7.09	49.5	8.55
	31	19.4	2.87	24.2	3.62	30.7	4.79	33.9	5.42	37.1	6.10	43.4	7.56	49.5	9.13
	33	19.4	3.03	24.2	3.83	30.7	5.08	33.9	5.76	37.1	6.48	43.4	8.05	49.5	9.73
	35	19.4	3.20	24.2	4.06	30.7	5.39	33.9	6.12	37.1	6.89	43.4	8.57	49.5	10.4
	37	19.4	3.38	24.2	4.29	30.7	5.72	33.9	6.49	37.1	7.32	43.4	9.12	49.5	11.0
	39	19.4	3.56	24.2	4.54	30.7	6.06	33.9	6.89	37.1	7.78	43.4	9.70	49.5	11.8
70% (350)	10	17.0	2.03	21.2	2.42	26.9	3.00	29.7	3.30	32.4	3.62	38.0	4.27	43.3	4.93
	12	17.0	2.05	21.2	2.45	26.9	3.05	29.7	3.36	32.4	3.68	38.0	4.34	43.3	5.02
	14	17.0	2.08	21.2	2.49	26.9	3.10	29.7	3.41	32.4	3.74	38.0	4.42	43.3	5.11
	16	17.0	2.11	21.2	2.53	26.9	3.15	29.7	3.47	32.4	3.81	38.0	4.50	43.3	5.21
	18	17.0	2.13	21.2	2.56	26.9	3.20	29.7	3.53	32.4	3.87	38.0	4.59	43.3	5.31
	20	17.0	2.16	21.2	2.60	26.9	3.25	29.7	3.59	32.4	3.94	38.0	4.68	43.3	5.41
	21	17.0	2.18	21.2	2.62	26.9	3.28	29.7	3.62	32.4	3.98	38.0	4.72	43.3	5.47
	23	17.0	2.21	21.2	2.67	26.9	3.34	29.7	3.69	32.4	4.06	38.0	4.88	43.3	5.82
	25	17.0	2.24	21.2	2.71	26.9	3.40	29.7	3.82	32.4	4.26	38.0	5.21	43.3	6.21
	27	17.0	2.28	21.2	2.80	26.9	3.62	29.7	4.06	32.4	4.53	38.0	5.55	43.3	6.63
	29	17.0	2.39	21.2	2.96	26.9	3.84	29.7	4.32	32.4	4.82	38.0	5.91	43.3	7.07
	31	17.0	2.52	21.2	3.13	26.9	4.07	29.7	4.58	32.4	5.13	38.0	6.29	43.3	7.54
	33	17.0	2.66	21.2	3.31	26.9	4.32	29.7	4.86	32.4	5.44	38.0	6.69	43.3	8.03
	35	17.0	2.81	21.2	3.50	26.9	4.58	29.7	5.16	32.4	5.78	38.0	7.12	43.3	8.54
	37	17.0	2.96	21.2	3.70	26.9	4.85	29.7	5.47	32.4	6.13	38.0	7.56	43.3	9.09
	39	17.0	3.12	21.2	3.91	26.9	5.13	29.7	5.80	32.4	6.51	38.0	8.04	43.3	9.67
60% (300)	10	14.6	1.81	18.2	2.13	23.0	2.60	25.4	2.85	27.8	3.10	32.5	3.63	37.1	4.17
	12	14.6	1.83	18.2	2.16	23.0	2.64	25.4	2.89	27.8	3.15	32.5	3.69	37.1	4.24
	14	14.6	1.86	18.2	2.19	23.0	2.68	25.4	2.94	27.8	3.20	32.5	3.75	37.1	4.31
	16	14.6	1.88	18.2	2.22	23.0	2.72	25.4	2.98	27.8	3.25	32.5	3.82	37.1	4.39
	18	14.6	1.90	18.2	2.25	23.0	2.76	25.4	3.03	27.8	3.31	32.5	3.89	37.1	4.47
	20	14.6	1.92	18.2	2.28	23.0	2.81	25.4	3.08	27.8	3.37	32.5	3.96	37.1	4.56
	21	14.6	1.94	18.2	2.30	23.0	2.83	25.4	3.11	27.8	3.40	32.5	3.99	37.1	4.60
	23	14.6	1.96	18.2	2.33	23.0	2.88	25.4	3.16	27.8	3.46	32.5	4.07	37.1	4.74
	25	14.6	1.99	18.2	2.37	23.0	2.93	25.4	3.22	27.8	3.54	32.5	4.28	37.1	5.05
	27	14.6	2.02	18.2	2.40	23.0	3.05	25.4	3.40	27.8	3.76	32.5	4.55	37.1	5.39
	29	14.6	2.09	18.2	2.54	23.0	3.23	25.4	3.60	27.8	4.00	32.5	4.84	37.1	5.74
	31	14.6	2.20	18.2	2.69	23.0	3.42	25.4	3.82	27.8	4.24	32.5	5.15	37.1	6.10
	33	14.6	2.32	18.2	2.84	23.0	3.62	25.4	4.05	27.8	4.50	32.5	5.47	37.1	6.49
	35	14.6	2.44	18.2	2.99	23.0	3.83	25.4	4.29	27.8	4.77	32.5	5.80	37.1	6.90
	37	14.6	2.57	18.2	3.16	23.0	4.05	25.4	4.54	27.8	5.05	32.5	6.16	37.1	7.33
	39	14.6	2.70	18.2	3.33	23.0	4.28	25.4	4.80	27.8	5.35	32.5	6.53	37.1	7.79
50% (250)	10	12.1	1.61	15.1	1.86	19.2	2.23	21.2	2.42	23.2	2.62	27.1	3.03	30.9	3.44
	12	12.1	1.63	15.1	1.88	19.2	2.26	21.2	2.45	23.2	2.65	27.1	3.07	30.9	3.50
	14	12.1	1.64	15.1	1.91	19.2	2.29	21.2	2.49	23.2	2.69	27.1	3.12	30.9	3.56
	16	12.1	1.66	15.1	1.93	19.2	2.32	21.2	2.52	23.2	2.74	27.1	3.17	30.9	3.62
	18	12.1	1.68	15.1	1.95	19.2	2.35	21.2	2.56	23.2	2.78	27.1	3.23	30.9	3.69
	20	12.1	1.70	15.1	1.98	19.2	2.39	21.2	2.60	23.2	2.82	27.1	3.28	30.9	3.75
	21	12.1	1.71	15.1	1.99	19.2	2.41	21.2	2.62	23.2	2.85	27.1	3.31	30.9	3.79
	23	12.1	1.73	15.1	2.02	19.2	2.44	21.2	2.66	23.2	2.89	27.1	3.37	30.9	3.86
	25	12.1	1.75	15.1	2.05	19.2	2.48	21.2	2.71	23.2	2.94	27.1	3.44	30.9	4.02
	27	12.1	1.77	15.1	2.07	19.2	2.53	21.2	2.79	23.2	3.07	27.1	3.66	30.9	4.27
	29	12.1	1.81	15.1	2.16	19.2	2.68	21.2	2.96	23.2	3.25	27.1	3.88	30.9	4.54
	31	12.1	1.90	15.1	2.27	19.2	2.83	21.2	3.13	23.2	3.45	27.1	4.12	30.9	4.83
	33	12.1	2.00	15.1	2.40	19.2	2.99	21.2	3.31	23.2	3.65	27.1	4.37	30.9	5.12
	35	12.1	2.10	15.1	2.52	19.2	3.16	21.2	3.50	23.2	3.86	27.1	4.63	30.9	5.44
	37	12.1	2.21	15.1	2.66	19.2	3.33	21.2	3.70	23.2	4.08	27.1	4.90	30.9	5.77
	39	12.1	2.32	15.1	2.80	19.2	3.52	21.2	3.90	23.2	4.31	27.1	5.19	30.9	6.11

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ22THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (715)	10	35.3	3.96	44.0	5.00	55.8	6.52	61.5	7.30	67.3	8.10	76.5	9.22	78.6	8.82
	12	35.3	4.03	44.0	5.09	55.8	6.64	61.5	7.44	67.3	8.26	75.5	9.18	77.6	8.76
	14	35.3	4.10	44.0	5.18	55.8	6.77	61.5	7.58	67.3	8.42	74.6	9.13	76.6	8.82
	16	35.3	4.17	44.0	5.28	55.8	6.90	61.5	7.73	67.3	8.58	73.6	9.20	75.6	9.29
	18	35.3	4.24	44.0	5.38	55.8	7.04	61.5	7.88	67.3	8.84	72.6	9.67	74.6	9.77
	20	35.3	4.32	44.0	5.48	55.8	7.21	61.5	8.31	67.3	9.50	71.6	10.1	73.7	10.2
	21	35.3	4.36	44.0	5.54	55.8	7.46	61.5	8.61	67.3	9.84	71.1	10.4	73.2	10.5
	23	35.3	4.44	44.0	5.77	55.8	7.99	61.5	9.23	67.3	10.6	70.1	10.8	72.2	11.0
	25	35.3	4.64	44.0	6.16	55.8	8.55	61.5	9.88	67.0	11.2	69.1	11.3	71.2	11.4
	27	35.3	4.94	44.0	6.56	55.8	9.14	61.5	10.6	66.0	11.7	68.1	11.8	70.2	11.9
	29	35.3	5.25	44.0	7.00	55.8	9.76	61.5	11.3	65.0	12.1	67.1	12.3	69.2	12.4
	31	35.3	5.58	44.0	7.45	55.8	10.4	61.5	12.1	64.0	12.6	66.1	12.8	68.2	12.9
	33	35.3	5.93	44.0	7.93	55.8	11.1	61.5	12.9	63.0	13.1	65.2	13.2	67.2	13.4
	35	35.3	6.29	44.0	8.43	55.8	11.8	60.9	13.5	62.0	13.6	64.2	13.7	66.2	13.9
	37	35.3	6.67	44.0	8.96	55.8	12.6	60.0	13.9	61.0	14.0	63.2	14.2	65.3	14.4
	39	35.3	7.08	44.0	9.52	55.8	13.4	59.0	14.4	60.0	14.5	62.2	14.7	64.3	14.9
120% (660)	10	32.6	3.66	40.6	4.59	51.5	5.95	56.8	6.66	62.2	7.39	72.7	8.86	77.3	9.07
	12	32.6	3.72	40.6	4.67	51.5	6.06	56.8	6.78	62.2	7.53	72.7	9.03	76.3	9.02
	14	32.6	3.78	40.6	4.75	51.5	6.18	56.8	6.91	62.2	7.67	72.7	9.20	75.3	8.97
	16	32.6	3.84	40.6	4.84	51.5	6.30	56.8	7.05	62.2	7.82	72.4	9.31	74.3	9.23
	18	32.6	3.91	40.6	4.93	51.5	6.42	56.8	7.19	62.2	7.97	71.4	9.61	73.4	9.70
	20	32.6	3.98	40.6	5.02	51.5	6.55	56.8	7.40	62.2	8.43	70.5	10.1	72.4	10.2
	21	32.6	4.01	40.6	5.07	51.5	6.67	56.8	7.66	62.2	8.73	70.0	10.3	71.9	10.4
	23	32.6	4.09	40.6	5.19	51.5	7.14	56.8	8.21	62.2	9.36	69.0	10.8	70.9	10.9
	25	32.6	4.22	40.6	5.54	51.5	7.63	56.8	8.78	62.2	10.0	68.0	11.3	69.9	11.4
	27	32.6	4.48	40.6	5.91	51.5	8.15	56.8	9.39	62.2	10.7	67.0	11.7	68.9	11.9
	29	32.6	4.76	40.6	6.29	51.5	8.70	56.8	10.0	62.2	11.5	66.0	12.2	67.9	12.3
	31	32.6	5.06	40.6	6.69	51.5	9.27	56.8	10.7	62.2	12.2	65.0	12.7	66.9	12.8
	33	32.6	5.37	40.6	7.11	51.5	9.88	56.8	11.4	62.0	13.0	64.0	13.2	65.9	13.3
	35	32.6	5.69	40.6	7.56	51.5	10.5	56.8	12.2	61.1	13.5	63.0	13.6	64.9	13.8
	37	32.6	6.03	40.6	8.03	51.5	11.2	56.8	13.0	60.1	14.0	62.0	14.1	64.0	14.3
	39	32.6	6.39	40.6	8.53	51.5	11.9	56.8	13.8	59.1	14.4	61.1	14.6	63.0	14.8
110% (605)	10	29.9	3.36	37.2	4.19	47.2	5.40	52.1	6.03	57.0	6.68	66.7	8.01	76.0	9.32
	12	29.9	3.41	37.2	4.26	47.2	5.50	52.1	6.14	57.0	6.81	66.7	8.16	75.0	9.28
	14	29.9	3.47	37.2	4.33	47.2	5.60	52.1	6.26	57.0	6.94	66.7	8.32	74.0	9.23
	16	29.9	3.53	37.2	4.41	47.2	5.71	52.1	6.38	57.0	7.07	66.7	8.48	73.0	9.18
	18	29.9	3.58	37.2	4.49	47.2	5.82	52.1	6.50	57.0	7.21	66.7	8.71	72.1	9.64
	20	29.9	3.65	37.2	4.57	47.2	5.93	52.1	6.63	57.0	7.43	66.7	9.36	71.1	10.1
	21	29.9	3.68	37.2	4.61	47.2	5.99	52.1	6.78	57.0	7.70	66.7	9.70	70.6	10.3
	23	29.9	3.74	37.2	4.70	47.2	6.33	52.1	7.25	57.0	8.25	66.7	10.4	69.6	10.8
	25	29.9	3.81	37.2	4.96	47.2	6.76	52.1	7.76	57.0	8.82	66.7	11.1	68.6	11.3
	27	29.9	4.05	37.2	5.28	47.2	7.22	52.1	8.28	57.0	9.43	65.9	11.7	67.6	11.8
	29	29.9	4.30	37.2	5.62	47.2	7.70	52.1	8.84	57.0	10.1	64.9	12.1	66.6	12.2
	31	29.9	4.56	37.2	5.97	47.2	8.20	52.1	9.43	57.0	10.7	63.9	12.6	65.6	12.7
	33	29.9	4.84	37.2	6.35	47.2	8.73	52.1	10.0	57.0	11.5	62.9	13.1	64.6	13.2
	35	29.9	5.12	37.2	6.74	47.2	9.29	52.1	10.7	57.0	12.2	61.9	13.6	63.7	13.7
	37	29.9	5.43	37.2	7.15	47.2	9.88	52.1	11.4	57.0	13.0	60.9	14.0	62.7	14.2
	39	29.9	5.74	37.2	7.59	47.2	10.5	52.1	12.1	57.0	13.9	59.9	14.5	61.7	14.7
100% (550)	10	27.2	3.08	33.9	3.80	42.9	4.87	47.3	5.42	51.8	6.00	60.6	7.18	69.1	8.35
	12	27.2	3.12	33.9	3.86	42.9	4.95	47.3	5.52	51.8	6.11	60.6	7.31	69.1	8.51
	14	27.2	3.17	33.9	3.93	42.9	5.04	47.3	5.62	51.8	6.22	60.6	7.45	69.1	8.68
	16	27.2	3.22	33.9	3.99	42.9	5.13	47.3	5.73	51.8	6.34	60.6	7.60	69.1	8.84
	18	27.2	3.27	33.9	4.06	42.9	5.23	47.3	5.84	51.8	6.46	60.6	7.75	69.1	9.19
	20	27.2	3.32	33.9	4.14	42.9	5.33	47.3	5.95	51.8	6.59	60.6	8.13	69.1	9.88
	21	27.2	3.35	33.9	4.17	42.9	5.38	47.3	6.01	51.8	6.73	60.6	8.42	69.1	10.2
	23	27.2	3.41	33.9	4.25	42.9	5.58	47.3	6.36	51.8	7.20	60.6	9.02	68.3	10.7
	25	27.2	3.47	33.9	4.41	42.9	5.95	47.3	6.79	51.8	7.70	60.6	9.66	67.3	11.2
	27	27.2	3.64	33.9	4.69	42.9	6.35	47.3	7.25	51.8	8.22	60.6	10.3	66.3	11.7
	29	27.2	3.86	33.9	4.99	42.9	6.76	47.3	7.73	51.8	8.77	60.6	11.0	65.3	12.2
	31	27.2	4.09	33.9	5.30	42.9	7.20	47.3	8.24	51.8	9.35	60.6	11.8	64.3	12.6
	33	27.2	4.33	33.9	5.63	42.9	7.66	47.3	8.77	51.8	9.97	60.6	12.6	63.3	13.1
	35	27.2	4.59	33.9	5.97	42.9	8.14	47.3	9.40	51.8	10.6	60.6	13.4	62.4	13.6
	37	27.2	4.85	33.9	6.33	42.9	8.65	47.3	9.93	51.8	11.3	59.8	13.9	61.4	14.1
	39	27.2	5.13	33.9	6.71	42.9	9.19	47.3	10.6	51.8	12.0	58.8	14.4	60.4	14.6
90% (495)	10	24.4	2.80	30.5	3.43	38.6	4.35	42.6	4.83	46.6	5.33	54.6	6.36	62.2	7.39
	12	24.4	2.84	30.5	3.48	38.6	4.42	42.6	4.92	46.6	5.43	54.6	6.48	62.2	7.53
	14	24.4	2.88	30.5	3.54	38.6	4.50	42.6	5.00	46.6	5.53	54.6	6.60	62.2	7.68
	16	24.4	2.92	30.5	3.59	38.6	4.58	42.6	5.10	46.6	5.63	54.6	6.73	62.2	7.83
	18	24.4	2.97	30.5	3.66	38.6	4.67	42.6	5.19	46.6	5.74	54.6	6.86	62.2	7.98
	20	24.4	3.02	30.5	3.72	38.6	4.75	42.6	5.29	46.6	5.85	54.6	7.00	62.2	8.44
	21	24.4	3.04	30.5	3.75	38.6	4.80	42.6	5.34	46.6	5.91	54.6	7.24	62.2	8.75
	23	24.4	3.09	30.5	3.82	38.6	4.89	42.6	5.53	46.6	6.23	54.6	7.75	62.2	9.38
	25	24.4	3.14	30.5	3.90	38.6	5.19	42.6	5.90	46.6	6.65	54.6	8.29	62.2	10.0
	27	24.4	3.25	30.5	4.14	38.6	5.53	42.6	6.29	46.6	7.10	54.6	8.85	62.2	10.7
	29	24.4	3.45	30.5	4.40	38.6	5.89	42.6	6.70	46.6	7.57	54.6	9.45	62.2	11.5
	31	24.4	3.65	30.5	4.67	38.6	6.26	42.6	7.13	46.6	8.06	54.6	10.1	62.2	12.2
	33	24.4	3.86	30.5	4.95	38.6	6.65	42.6	7.58	46.6	8.58	54.6	10.7	62.1	13.0
	35	24.4	4.08	30.5	5.25	38.6	7.07	42.6	8.06	46.6	9.13	54.6	11.5	61.1	13.5
	37	24.4	4.31	30.5	5.56	38.6	7.50	42.6	8.57	46.6	9.71	54.6	12.2	60.1	14.0
	39	24.4	4.55	30.5	5.88	38.6	7.96	42.6	9.11	46.6	10.3	54.6	13.0	59.1	14.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (440)	10	21.7	2.54	27.1	3.07	34.3	3.85	37.9	4.26	41.4	4.69	48.5	5.57	55.3	6.46
	12	21.7	2.57	27.1	3.11	34.3	3.92	37.9	4.34	41.4	4.77	48.5	5.67	55.3	6.58
	14	21.7	2.61	27.1	3.16	34.3	3.98	37.9	4.41	41.4	4.86	48.5	5.77	55.3	6.70
	16	21.7	2.64	27.1	3.21	34.3	4.05	37.9	4.49	41.4	4.94	48.5	5.88	55.3	6.83
	18	21.7	2.68	27.1	3.26	34.3	4.12	37.9	4.57	41.4	5.04	48.5	6.00	55.3	6.97
	20	21.7	2.72	27.1	3.32	34.3	4.20	37.9	4.66	41.4	5.13	48.5	6.12	55.3	7.12
	21	21.7	2.74	27.1	3.34	34.3	4.23	37.9	4.70	41.4	5.18	48.5	6.18	55.3	7.38
	23	21.7	2.78	27.1	3.40	34.3	4.31	37.9	4.79	41.4	5.33	48.5	6.57	55.3	7.90
	25	21.7	2.83	27.1	3.46	34.3	4.49	37.9	5.07	41.4	5.69	48.5	7.02	55.3	8.45
	27	21.7	2.89	27.1	3.63	34.3	4.77	37.9	5.40	41.4	6.06	48.5	7.50	55.3	9.03
	29	21.7	3.06	27.1	3.85	34.3	5.08	37.9	5.74	41.4	6.46	48.5	7.99	55.3	9.64
	31	21.7	3.23	27.1	4.08	34.3	5.39	37.9	6.11	41.4	6.87	48.5	8.52	55.3	10.3
	33	21.7	3.41	27.1	4.32	34.3	5.72	37.9	6.49	41.4	7.31	48.5	9.07	55.3	11.0
	35	21.7	3.61	27.1	4.57	34.3	6.07	37.9	6.89	41.4	7.77	48.5	9.66	55.3	11.7
	37	21.7	3.81	27.1	4.84	34.3	6.44	37.9	7.31	41.4	8.25	48.5	10.3	55.3	12.4
	39	21.7	4.01	27.1	5.12	34.3	6.83	37.9	7.76	41.4	8.76	48.5	10.9	55.3	13.3
70% (385)	10	19.0	2.28	23.7	2.73	30.0	3.38	33.1	3.72	36.3	4.07	42.4	4.81	48.4	5.55
	12	19.0	2.31	23.7	2.77	30.0	3.43	33.1	3.78	36.3	4.14	42.4	4.89	48.4	5.66
	14	19.0	2.34	23.7	2.81	30.0	3.49	33.1	3.84	36.3	4.21	42.4	4.98	48.4	5.76
	16	19.0	2.37	23.7	2.85	30.0	3.54	33.1	3.91	36.3	4.29	42.4	5.07	48.4	5.87
	18	19.0	2.40	23.7	2.89	30.0	3.60	33.1	3.98	36.3	4.36	42.4	5.17	48.4	5.98
	20	19.0	2.44	23.7	2.93	30.0	3.67	33.1	4.05	36.3	4.44	42.4	5.27	48.4	6.10
	21	19.0	2.45	23.7	2.96	30.0	3.70	33.1	4.08	36.3	4.49	42.4	5.32	48.4	6.16
	23	19.0	2.49	23.7	3.00	30.0	3.76	33.1	4.16	36.3	4.57	42.4	5.50	48.4	6.55
	25	19.0	2.53	23.7	3.05	30.0	3.83	33.1	4.30	36.3	4.80	42.4	5.87	48.4	7.00
	27	19.0	2.56	23.7	3.15	30.0	4.08	33.1	4.58	36.3	5.11	42.4	6.25	48.4	7.47
	29	19.0	2.69	23.7	3.34	30.0	4.33	33.1	4.86	36.3	5.43	42.4	6.66	48.4	7.97
	31	19.0	2.84	23.7	3.53	30.0	4.59	33.1	5.16	36.3	5.78	42.4	7.09	48.4	8.49
	33	19.0	3.00	23.7	3.73	30.0	4.87	33.1	5.48	36.3	6.13	42.4	7.54	48.4	9.04
	35	19.0	3.16	23.7	3.95	30.0	5.16	33.1	5.81	36.3	6.51	42.4	8.02	48.4	9.63
	37	19.0	3.33	23.7	4.17	30.0	5.46	33.1	6.16	36.3	6.91	42.4	8.52	48.4	10.2
	39	19.0	3.51	23.7	4.40	30.0	5.78	33.1	6.53	36.3	7.33	42.4	9.05	48.4	10.9
60% (330)	10	16.3	2.04	20.3	2.40	25.7	2.93	28.4	3.21	31.1	3.49	36.4	4.09	41.5	4.69
	12	16.3	2.07	20.3	2.43	25.7	2.97	28.4	3.26	31.1	3.55	36.4	4.16	41.5	4.77
	14	16.3	2.09	20.3	2.47	25.7	3.02	28.4	3.31	31.1	3.61	36.4	4.23	41.5	4.86
	16	16.3	2.12	20.3	2.50	25.7	3.06	28.4	3.36	31.1	3.67	36.4	4.30	41.5	4.95
	18	16.3	2.14	20.3	2.53	25.7	3.11	28.4	3.41	31.1	3.73	36.4	4.38	41.5	5.04
	20	16.3	2.17	20.3	2.57	25.7	3.16	28.4	3.47	31.1	3.79	36.4	4.46	41.5	5.14
	21	16.3	2.18	20.3	2.59	25.7	3.19	28.4	3.50	31.1	3.83	36.4	4.50	41.5	5.19
	23	16.3	2.21	20.3	2.63	25.7	3.24	28.4	3.56	31.1	3.90	36.4	4.59	41.5	5.34
	25	16.3	2.24	20.3	2.67	25.7	3.30	28.4	3.63	31.1	3.99	36.4	4.82	41.5	5.69
	27	16.3	2.27	20.3	2.71	25.7	3.44	28.4	3.83	31.1	4.24	36.4	5.13	41.5	6.07
	29	16.3	2.35	20.3	2.86	25.7	3.64	28.4	4.06	31.1	4.50	36.4	5.46	41.5	6.46
	31	16.3	2.48	20.3	3.03	25.7	3.86	28.4	4.31	31.1	4.78	36.4	5.80	41.5	6.88
	33	16.3	2.61	20.3	3.20	25.7	4.08	28.4	4.56	31.1	5.07	36.4	6.16	41.5	7.31
	35	16.3	2.75	20.3	3.37	25.7	4.32	28.4	4.83	31.1	5.37	36.4	6.54	41.5	7.78
	37	16.3	2.89	20.3	3.56	25.7	4.57	28.4	5.11	31.1	5.69	36.4	6.94	41.5	8.26
	39	16.3	3.04	20.3	3.75	25.7	4.83	28.4	5.41	31.1	6.03	36.4	7.36	41.5	8.77
50% (275)	10	13.6	1.82	16.9	2.10	21.5	2.51	23.7	2.73	25.9	2.95	30.3	3.41	34.6	3.88
	12	13.6	1.83	16.9	2.12	21.5	2.54	23.7	2.76	25.9	2.99	30.3	3.46	34.6	3.94
	14	13.6	1.85	16.9	2.15	21.5	2.58	23.7	2.80	25.9	3.04	30.3	3.52	34.6	4.01
	16	13.6	1.87	16.9	2.17	21.5	2.61	23.7	2.84	25.9	3.08	30.3	3.58	34.6	4.08
	18	13.6	1.89	16.9	2.20	21.5	2.65	23.7	2.89	25.9	3.13	30.3	3.64	34.6	4.15
	20	13.6	1.91	16.9	2.23	21.5	2.69	23.7	2.93	25.9	3.18	30.3	3.70	34.6	4.23
	21	13.6	1.92	16.9	2.24	21.5	2.71	23.7	2.95	25.9	3.21	30.3	3.73	34.6	4.27
	23	13.6	1.95	16.9	2.27	21.5	2.75	23.7	3.00	25.9	3.26	30.3	3.80	34.6	4.35
	25	13.6	1.97	16.9	2.31	21.5	2.80	23.7	3.05	25.9	3.32	30.3	3.88	34.6	4.53
	27	13.6	1.99	16.9	2.34	21.5	2.85	23.7	3.15	25.9	3.46	30.3	4.12	34.6	4.82
	29	13.6	2.04	16.9	2.43	21.5	3.02	23.7	3.33	25.9	3.67	30.3	4.37	34.6	5.12
	31	13.6	2.15	16.9	2.56	21.5	3.19	23.7	3.53	25.9	3.88	30.3	4.64	34.6	5.44
	33	13.6	2.26	16.9	2.70	21.5	3.37	23.7	3.73	25.9	4.11	30.3	4.92	34.6	5.77
	35	13.6	2.37	16.9	2.84	21.5	3.56	23.7	3.94	25.9	4.35	30.3	5.21	34.6	6.13
	37	13.6	2.49	16.9	2.99	21.5	3.76	23.7	4.17	25.9	4.60	30.3	5.52	34.6	6.50
	39	13.6	2.61	16.9	3.15	21.5	3.96	23.7	4.40	25.9	4.86	30.3	5.85	34.6	6.89

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ24THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (780)	10	39.0	4.41	48.6	5.57	61.6	7.25	68.0	8.12	74.4	9.02	84.6	10.3	86.9	9.81
	12	39.0	4.48	48.6	5.66	61.6	7.39	68.0	8.28	74.4	9.19	83.5	10.2	85.8	9.75
	14	39.0	4.56	48.6	5.77	61.6	7.53	68.0	8.44	74.4	9.36	82.4	10.2	84.7	9.81
	16	39.0	4.64	48.6	5.87	61.6	7.68	68.0	8.60	74.4	9.54	81.3	10.2	83.6	10.3
	18	39.0	4.72	48.6	5.98	61.6	7.83	68.0	8.77	74.4	9.83	80.2	10.8	82.5	10.9
	20	39.0	4.81	48.6	6.10	61.6	8.02	68.0	9.25	74.4	10.6	79.1	11.3	81.4	11.4
	21	39.0	4.85	48.6	6.16	61.6	8.30	68.0	9.58	74.4	10.9	78.6	11.5	80.9	11.7
	23	39.0	4.94	48.6	6.41	61.6	8.89	68.0	10.3	74.4	11.7	77.5	12.1	79.8	12.2
	25	39.0	5.16	48.6	6.85	61.6	9.51	68.0	11.0	74.0	12.5	76.4	12.6	78.7	12.7
	27	39.0	5.50	48.6	7.30	61.6	10.2	68.0	11.8	72.9	13.0	75.3	13.1	77.6	13.3
	29	39.0	5.85	48.6	7.78	61.6	10.9	68.0	12.6	71.8	13.5	74.2	13.7	76.5	13.8
	31	39.0	6.21	48.6	8.29	61.6	11.6	68.0	13.4	70.7	14.0	73.1	14.2	75.4	14.4
	33	39.0	6.59	48.6	8.82	61.6	12.3	68.0	14.3	69.6	14.6	72.0	14.7	74.3	14.9
	35	39.0	7.00	48.6	9.38	61.6	13.2	67.4	15.0	68.6	15.1	70.9	15.3	73.2	15.5
	37	39.0	7.42	48.6	9.97	61.6	14.0	66.3	15.5	67.5	15.6	69.8	15.8	72.1	16.0
	39	39.0	7.87	48.6	10.6	61.6	14.9	65.2	16.0	66.4	16.2	68.7	16.4	71.0	16.6
120% (720)	10	36.0	4.07	44.9	5.11	56.9	6.62	62.8	7.41	68.7	8.22	80.4	9.86	85.4	10.1
	12	36.0	4.14	44.9	5.19	56.9	6.75	62.8	7.55	68.7	8.37	80.4	10.0	84.4	10.0
	14	36.0	4.20	44.9	5.29	56.9	6.87	62.8	7.69	68.7	8.53	80.4	10.2	83.3	9.98
	16	36.0	4.27	44.9	5.38	56.9	7.00	62.8	7.84	68.7	8.70	80.1	10.4	82.2	10.3
	18	36.0	4.35	44.9	5.48	56.9	7.14	62.8	7.99	68.7	8.87	79.0	10.7	81.1	10.8
	20	36.0	4.43	44.9	5.59	56.9	7.28	62.8	8.23	68.7	9.38	77.9	11.2	80.0	11.3
	21	36.0	4.46	44.9	5.64	56.9	7.42	62.8	8.53	68.7	9.72	77.3	11.5	79.4	11.6
	23	36.0	4.55	44.9	5.78	56.9	7.94	62.8	9.13	68.7	10.4	76.2	12.0	78.3	12.1
	25	36.0	4.69	44.9	6.16	56.9	8.49	62.8	9.77	68.7	11.2	75.1	12.5	77.2	12.6
	27	36.0	4.99	44.9	6.57	56.9	9.07	62.8	10.4	68.7	11.9	74.0	13.0	76.2	13.2
	29	36.0	5.30	44.9	6.99	56.9	9.67	62.8	11.2	68.7	12.7	72.9	13.6	75.1	13.7
	31	36.0	5.63	44.9	7.44	56.9	10.3	62.8	11.9	68.7	13.6	71.9	14.1	74.0	14.3
	33	36.0	5.97	44.9	7.91	56.9	11.0	62.8	12.7	68.6	14.5	70.8	14.6	72.9	14.8
	35	36.0	6.33	44.9	8.41	56.9	11.7	62.8	13.5	67.5	15.0	69.7	15.2	71.8	15.3
	37	36.0	6.71	44.9	8.93	56.9	12.5	62.8	14.4	66.4	15.5	68.6	15.7	70.7	15.9
	39	36.0	7.11	44.9	9.49	56.9	13.3	62.8	15.3	65.3	16.1	67.5	16.3	69.6	16.4
110% (660)	10	33.0	3.74	41.2	4.66	52.2	6.01	57.6	6.71	63.0	7.43	73.7	8.91	84.0	10.4
	12	33.0	3.80	41.2	4.74	52.2	6.12	57.6	6.83	63.0	7.57	73.7	9.08	82.9	10.3
	14	33.0	3.86	41.2	4.82	52.2	6.23	57.6	6.96	63.0	7.72	73.7	9.26	81.8	10.3
	16	33.0	3.92	41.2	4.90	52.2	6.35	57.6	7.10	63.0	7.87	73.7	9.44	80.7	10.2
	18	33.0	3.99	41.2	4.99	52.2	6.47	57.6	7.23	63.0	8.02	73.7	9.69	79.6	10.7
	20	33.0	4.06	41.2	5.09	52.2	6.60	57.6	7.38	63.0	8.27	73.7	10.4	78.6	11.2
	21	33.0	4.09	41.2	5.13	52.2	6.66	57.6	7.54	63.0	8.56	73.7	10.8	78.0	11.5
	23	33.0	4.16	41.2	5.23	52.2	7.04	57.6	8.07	63.0	9.17	73.7	11.6	76.9	12.0
	25	33.0	4.24	41.2	5.52	52.2	7.52	57.6	8.63	63.0	9.81	73.7	12.4	75.8	12.6
	27	33.0	4.51	41.2	5.88	52.2	8.03	57.6	9.22	63.0	10.5	72.8	13.0	74.7	13.1
	29	33.0	4.78	41.2	6.25	52.2	8.56	57.6	9.83	63.0	11.2	71.7	13.5	73.6	13.6
	31	33.0	5.07	41.2	6.65	52.2	9.12	57.6	10.5	63.0	12.0	70.6	14.0	72.5	14.2
	33	33.0	5.38	41.2	7.06	52.2	9.71	57.6	11.2	63.0	12.7	69.5	14.5	71.4	14.7
	35	33.0	5.70	41.2	7.50	52.2	10.3	57.6	11.9	63.0	13.6	68.4	15.1	70.4	15.2
	37	33.0	6.04	41.2	7.96	52.2	11.0	57.6	12.7	63.0	14.5	67.3	15.6	69.3	15.8
	39	33.0	6.39	41.2	8.44	52.2	11.7	57.6	13.5	63.0	15.4	66.2	16.1	68.2	16.3
100% (600)	10	30.0	3.42	37.4	4.23	47.4	5.41	52.3	6.03	57.3	6.67	67.0	7.98	76.4	9.29
	12	30.0	3.47	37.4	4.30	47.4	5.51	52.3	6.14	57.3	6.79	67.0	8.13	76.4	9.47
	14	30.0	3.53	37.4	4.37	47.4	5.61	52.3	6.25	57.3	6.92	67.0	8.29	76.4	9.65
	16	30.0	3.58	37.4	4.44	47.4	5.71	52.3	6.37	57.3	7.05	67.0	8.45	76.4	9.84
	18	30.0	3.64	37.4	4.52	47.4	5.82	52.3	6.49	57.3	7.19	67.0	8.62	76.4	10.2
	20	30.0	3.70	37.4	4.60	47.4	5.93	52.3	6.62	57.3	7.33	67.0	9.04	76.4	11.0
	21	30.0	3.73	37.4	4.64	47.4	5.99	52.3	6.69	57.3	7.48	67.0	9.37	76.4	11.4
	23	30.0	3.79	37.4	4.73	47.4	6.20	52.3	7.07	57.3	8.01	67.0	10.0	75.5	12.0
	25	30.0	3.86	37.4	4.91	47.4	6.62	52.3	7.56	57.3	8.56	67.0	10.7	74.4	12.5
	27	30.0	4.05	37.4	5.22	47.4	7.06	52.3	8.07	57.3	9.15	67.0	11.5	73.3	13.0
	29	30.0	4.29	37.4	5.55	47.4	7.52	52.3	8.60	57.3	9.76	67.0	12.3	72.2	13.5
	31	30.0	4.55	37.4	5.90	47.4	8.01	52.3	9.16	57.3	10.4	67.0	13.1	71.1	14.1
	33	30.0	4.82	37.4	6.26	47.4	8.52	52.3	9.76	57.3	11.1	67.0	14.0	70.0	14.6
	35	30.0	5.10	37.4	6.64	47.4	9.05	52.3	10.4	57.3	11.8	67.0	14.9	68.9	15.1
	37	30.0	5.40	37.4	7.04	47.4	9.62	52.3	11.0	57.3	12.6	66.1	15.5	67.8	15.7
	39	30.0	5.71	37.4	7.46	47.4	10.2	52.3	11.7	57.3	13.4	65.0	16.0	66.7	16.2
90% (540)	10	27.0	3.12	33.7	3.81	42.7	4.84	47.1	5.37	51.5	5.93	60.3	7.07	68.8	8.23
	12	27.0	3.16	33.7	3.87	42.7	4.92	47.1	5.47	51.5	6.04	60.3	7.21	68.8	8.38
	14	27.0	3.21	33.7	3.93	42.7	5.01	47.1	5.57	51.5	6.15	60.3	7.34	68.8	8.54
	16	27.0	3.25	33.7	4.00	42.7	5.10	47.1	5.67	51.5	6.26	60.3	7.48	68.8	8.71
	18	27.0	3.30	33.7	4.07	42.7	5.19	47.1	5.78	51.5	6.38	60.3	7.63	68.8	8.88
	20	27.0	3.35	33.7	4.14	42.7	5.29	47.1	5.89	51.5	6.51	60.3	7.78	68.8	9.39
	21	27.0	3.38	33.7	4.17	42.7	5.34	47.1	5.94	51.5	6.57	60.3	8.05	68.8	9.73
	23	27.0	3.44	33.7	4.25	42.7	5.44	47.1	6.15	51.5	6.93	60.3	8.62	68.8	10.4
	25	27.0	3.49	33.7	4.34	42.7	5.78	47.1	6.56	51.5	7.40	60.3	9.22	68.8	11.2
	27	27.0	3.62	33.7	4.61	42.7	6.15	47.1	7.00	51.5	7.90	60.3	9.85	68.8	11.9
	29	27.0	3.83	33.7	4.89	42.7	6.55	47.1	7.45	51.5	8.42	60.3	10.5	68.8	12.8
	31	27.0	4.06	33.7	5.19	42.7	6.96	47.1	7.93	51.5	8.97	60.3	11.2	68.8	13.6
	33	27.0	4.29	33.7	5.51	42.7	7.40	47.1	8.44	51.5	9.55	60.3	12.0	68.6	14.5
	35	27.0	4.54	33.7	5.84	42.7	7.86	47.1	8.97	51.5	10.2	60.3	12.7	67.5	15.0
	37	27.0	4.80	33.7	6.18	42.7	8.35	47.1	9.53	51.5	10.8	60.3	13.6	66.4	15.5
	39	27.0	5.07	33.7	6.55	42.7	8.86	47.1	10.1	51.5	11.5	60.3	14.4	65.3	16.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (480)	10	24.0	2.82	29.9	3.41	37.9	4.29	41.9	4.74	45.8	5.22	53.6	6.19	61.1	7.18
	12	24.0	2.86	29.9	3.47	37.9	4.36	41.9	4.82	45.8	5.31	53.6	6.31	61.1	7.32
	14	24.0	2.90	29.9	3.52	37.9	4.43	41.9	4.91	45.8	5.40	53.6	6.42	61.1	7.46
	16	24.0	2.94	29.9	3.57	37.9	4.51	41.9	4.99	45.8	5.50	53.6	6.55	61.1	7.60
	18	24.0	2.98	29.9	3.63	37.9	4.59	41.9	5.08	45.8	5.60	53.6	6.67	61.1	7.75
	20	24.0	3.03	29.9	3.69	37.9	4.67	41.9	5.18	45.8	5.71	53.6	6.80	61.1	7.92
	21	24.0	3.05	29.9	3.72	37.9	4.71	41.9	5.23	45.8	5.76	53.6	6.87	61.1	8.21
	23	24.0	3.09	29.9	3.78	37.9	4.80	41.9	5.33	45.8	5.93	53.6	7.31	61.1	8.79
	25	24.0	3.14	29.9	3.85	37.9	4.99	41.9	5.64	45.8	6.33	53.6	7.81	61.1	9.40
	27	24.0	3.21	29.9	4.04	37.9	5.31	41.9	6.00	45.8	6.74	53.6	8.34	61.1	10.0
	29	24.0	3.40	29.9	4.28	37.9	5.65	41.9	6.39	45.8	7.18	53.6	8.89	61.1	10.7
	31	24.0	3.60	29.9	4.54	37.9	6.00	41.9	6.79	45.8	7.64	53.6	9.48	61.1	11.4
	33	24.0	3.80	29.9	4.81	37.9	6.37	41.9	7.22	45.8	8.13	53.6	10.1	61.1	12.2
	35	24.0	4.01	29.9	5.09	37.9	6.76	41.9	7.67	45.8	8.64	53.6	10.7	61.1	13.0
	37	24.0	4.23	29.9	5.38	37.9	7.16	41.9	8.14	45.8	9.18	53.6	11.4	61.1	13.8
	39	24.0	4.47	29.9	5.69	37.9	7.60	41.9	8.64	45.8	9.75	53.6	12.2	61.1	14.7
70% (420)	10	21.0	2.54	26.2	3.03	33.2	3.76	36.6	4.14	40.1	4.53	46.9	5.35	53.5	6.18
	12	21.0	2.57	26.2	3.08	33.2	3.82	36.6	4.21	40.1	4.61	46.9	5.44	53.5	6.29
	14	21.0	2.60	26.2	3.12	33.2	3.88	36.6	4.28	40.1	4.69	46.9	5.54	53.5	6.41
	16	21.0	2.64	26.2	3.17	33.2	3.94	36.6	4.35	40.1	4.77	46.9	5.64	53.5	6.53
	18	21.0	2.67	26.2	3.21	33.2	4.01	36.6	4.42	40.1	4.86	46.9	5.75	53.5	6.66
	20	21.0	2.71	26.2	3.26	33.2	4.08	36.6	4.50	40.1	4.94	46.9	5.86	53.5	6.79
	21	21.0	2.73	26.2	3.29	33.2	4.11	36.6	4.54	40.1	4.99	46.9	5.92	53.5	6.85
	23	21.0	2.77	26.2	3.34	33.2	4.19	36.6	4.63	40.1	5.09	46.9	6.11	53.5	7.29
	25	21.0	2.81	26.2	3.40	33.2	4.27	36.6	4.79	40.1	5.34	46.9	6.53	53.5	7.79
	27	21.0	2.85	26.2	3.50	33.2	4.53	36.6	5.09	40.1	5.68	46.9	6.96	53.5	8.31
	29	21.0	2.99	26.2	3.71	33.2	4.81	36.6	5.41	40.1	6.05	46.9	7.41	53.5	8.87
	31	21.0	3.16	26.2	3.93	33.2	5.11	36.6	5.75	40.1	6.43	46.9	7.89	53.5	9.45
	33	21.0	3.34	26.2	4.15	33.2	5.41	36.6	6.10	40.1	6.82	46.9	8.39	53.5	10.1
	35	21.0	3.52	26.2	4.39	33.2	5.74	36.6	6.47	40.1	7.24	46.9	8.92	53.5	10.7
	37	21.0	3.71	26.2	4.64	33.2	6.08	36.6	6.86	40.1	7.69	46.9	9.48	53.5	11.4
	39	21.0	3.91	26.2	4.90	33.2	6.43	36.6	7.27	40.1	8.15	46.9	10.1	53.5	12.1
60% (360)	10	18.0	2.27	22.4	2.67	28.5	3.26	31.4	3.57	34.4	3.89	40.2	4.55	45.8	5.22
	12	18.0	2.30	22.4	2.71	28.5	3.31	31.4	3.62	34.4	3.95	40.2	4.62	45.8	5.31
	14	18.0	2.33	22.4	2.74	28.5	3.36	31.4	3.68	34.4	4.01	40.2	4.70	45.8	5.41
	16	18.0	2.35	22.4	2.78	28.5	3.41	31.4	3.74	34.4	4.08	40.2	4.79	45.8	5.51
	18	18.0	2.38	22.4	2.82	28.5	3.46	31.4	3.80	34.4	4.15	40.2	4.87	45.8	5.61
	20	18.0	2.41	22.4	2.86	28.5	3.52	31.4	3.86	34.4	4.22	40.2	4.96	45.8	5.71
	21	18.0	2.43	22.4	2.88	28.5	3.55	31.4	3.89	34.4	4.26	40.2	5.01	45.8	5.77
	23	18.0	2.46	22.4	2.92	28.5	3.61	31.4	3.96	34.4	4.33	40.2	5.10	45.8	5.94
	25	18.0	2.49	22.4	2.97	28.5	3.67	31.4	4.03	34.4	4.44	40.2	5.36	45.8	6.33
	27	18.0	2.53	22.4	3.01	28.5	3.82	31.4	4.26	34.4	4.72	40.2	5.71	45.8	6.75
	29	18.0	2.62	22.4	3.19	28.5	4.05	31.4	4.52	34.4	5.01	40.2	6.07	45.8	7.19
	31	18.0	2.76	22.4	3.37	28.5	4.29	31.4	4.79	34.4	5.32	40.2	6.45	45.8	7.65
	33	18.0	2.91	22.4	3.55	28.5	4.54	31.4	5.07	34.4	5.64	40.2	6.85	45.8	8.14
	35	18.0	3.06	22.4	3.75	28.5	4.80	31.4	5.37	34.4	5.98	40.2	7.27	45.8	8.65
	37	18.0	3.22	22.4	3.96	28.5	5.08	31.4	5.69	34.4	6.33	40.2	7.72	45.8	9.19
	39	18.0	3.39	22.4	4.17	28.5	5.37	31.4	6.02	34.4	6.71	40.2	8.19	45.8	9.76
50% (300)	10	15.0	2.02	18.7	2.33	23.7	2.79	26.2	3.03	28.6	3.28	33.5	3.79	38.2	4.32
	12	15.0	2.04	18.7	2.36	23.7	2.83	26.2	3.07	28.6	3.33	33.5	3.85	38.2	4.39
	14	15.0	2.06	18.7	2.39	23.7	2.87	26.2	3.12	28.6	3.38	33.5	3.91	38.2	4.46
	16	15.0	2.08	18.7	2.42	23.7	2.91	26.2	3.16	28.6	3.43	33.5	3.98	38.2	4.54
	18	15.0	2.11	18.7	2.45	23.7	2.95	26.2	3.21	28.6	3.48	33.5	4.05	38.2	4.62
	20	15.0	2.13	18.7	2.48	23.7	2.99	26.2	3.26	28.6	3.54	33.5	4.12	38.2	4.70
	21	15.0	2.14	18.7	2.50	23.7	3.02	26.2	3.29	28.6	3.57	33.5	4.15	38.2	4.75
	23	15.0	2.17	18.7	2.53	23.7	3.06	26.2	3.34	28.6	3.63	33.5	4.23	38.2	4.83
	25	15.0	2.19	18.7	2.56	23.7	3.11	26.2	3.39	28.6	3.69	33.5	4.31	38.2	5.03
	27	15.0	2.22	18.7	2.60	23.7	3.17	26.2	3.50	28.6	3.85	33.5	4.58	38.2	5.36
	29	15.0	2.27	18.7	2.70	23.7	3.36	26.2	3.71	28.6	4.08	33.5	4.87	38.2	5.70
	31	15.0	2.39	18.7	2.85	23.7	3.55	26.2	3.92	28.6	4.32	33.5	5.16	38.2	6.05
	33	15.0	2.51	18.7	3.00	23.7	3.75	26.2	4.15	28.6	4.57	33.5	5.47	38.2	6.42
	35	15.0	2.64	18.7	3.16	23.7	3.96	26.2	4.39	28.6	4.84	33.5	5.80	38.2	6.82
	37	15.0	2.77	18.7	3.33	23.7	4.18	26.2	4.63	28.6	5.12	33.5	6.14	38.2	7.23
	39	15.0	2.91	18.7	3.50	23.7	4.41	26.2	4.89	28.6	5.41	33.5	6.50	38.2	7.66

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ26THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (845)	10	42.3	4.94	52.7	6.23	66.8	8.12	73.7	9.10	80.6	10.1	91.6	11.5	94.1	11.0
	12	42.3	5.02	52.7	6.34	66.8	8.27	73.7	9.27	80.6	10.3	90.5	11.4	92.9	10.9
	14	42.3	5.11	52.7	6.46	66.8	8.43	73.7	9.45	80.6	10.5	89.3	11.4	91.7	11.0
	16	42.3	5.19	52.7	6.58	66.8	8.59	73.7	9.63	80.6	10.7	88.1	11.5	90.6	11.6
	18	42.3	5.29	52.7	6.70	66.8	8.76	73.7	9.82	80.6	11.0	86.9	12.0	89.4	12.2
	20	42.3	5.38	52.7	6.83	66.8	8.98	73.7	10.4	80.6	11.8	85.7	12.6	88.2	12.8
	21	42.3	5.43	52.7	6.90	66.8	9.30	73.7	10.7	80.6	12.3	85.1	12.9	87.6	13.1
	23	42.3	5.53	52.7	7.18	66.8	9.96	73.7	11.5	80.6	13.1	83.9	13.5	86.4	13.7
	25	42.3	5.78	52.7	7.67	66.8	10.7	73.7	12.3	80.2	13.9	82.8	14.1	85.2	14.3
	27	42.3	6.15	52.7	8.18	66.8	11.4	73.7	13.2	79.0	14.5	81.6	14.7	84.1	14.9
	29	42.3	6.54	52.7	8.71	66.8	12.2	73.7	14.1	77.8	15.1	80.4	15.3	82.9	15.5
	31	42.3	6.95	52.7	9.28	66.8	13.0	73.7	15.0	76.6	15.7	79.2	15.9	81.7	16.1
	33	42.3	7.38	52.7	9.87	66.8	13.8	73.7	16.0	75.4	16.3	78.0	16.5	80.5	16.7
	35	42.3	7.84	52.7	10.5	66.8	14.7	73.0	16.8	74.3	16.9	76.8	17.1	79.3	17.3
	37	42.3	8.31	52.7	11.2	66.8	15.7	71.8	17.4	73.1	17.5	75.7	17.7	78.1	17.9
	39	42.3	8.82	52.7	11.9	66.8	16.7	70.6	18.0	71.9	18.1	74.5	18.3	76.9	18.6
120% (780)	10	39.0	4.56	48.6	5.72	61.6	7.42	68.0	8.30	74.4	9.20	87.1	11.0	92.6	11.3
	12	39.0	4.63	48.6	5.82	61.6	7.55	68.0	8.45	74.4	9.37	87.1	11.2	91.4	11.2
	14	39.0	4.71	48.6	5.92	61.6	7.69	68.0	8.61	74.4	9.55	87.1	11.5	90.2	11.2
	16	39.0	4.79	48.6	6.03	61.6	7.84	68.0	8.78	74.4	9.74	86.7	11.6	89.0	11.5
	18	39.0	4.87	48.6	6.14	61.6	8.00	68.0	8.95	74.4	9.93	85.5	12.0	87.8	12.1
	20	39.0	4.96	48.6	6.25	61.6	8.15	68.0	9.22	74.4	10.5	84.4	12.6	86.6	12.7
	21	39.0	5.00	48.6	6.31	61.6	8.31	68.0	9.55	74.4	10.9	83.8	12.8	86.1	13.0
	23	39.0	5.09	48.6	6.47	61.6	8.89	68.0	10.2	74.4	11.7	82.6	13.4	84.9	13.6
	25	39.0	5.25	48.6	6.90	61.6	9.51	68.0	10.9	74.4	12.5	81.4	14.0	83.7	14.2
	27	39.0	5.59	48.6	7.36	61.6	10.2	68.0	11.7	74.4	13.4	80.2	14.6	82.5	14.8
	29	39.0	5.93	48.6	7.83	61.6	10.8	68.0	12.5	74.4	14.3	79.0	15.2	81.3	15.4
	31	39.0	6.30	48.6	8.33	61.6	11.5	68.0	13.3	74.4	15.2	77.8	15.8	80.1	16.0
	33	39.0	6.69	48.6	8.86	61.6	12.3	68.0	14.2	74.3	16.2	76.7	16.4	78.9	16.6
	35	39.0	7.09	48.6	9.42	61.6	13.1	68.0	15.1	73.1	16.8	75.5	17.0	77.8	17.2
	37	39.0	7.51	48.6	10.0	61.6	14.0	68.0	16.1	71.9	17.4	74.3	17.6	76.6	17.8
	39	39.0	7.96	48.6	10.6	61.6	14.8	68.0	17.2	70.7	18.0	73.1	18.2	75.4	18.4
110% (715)	10	35.8	4.19	44.6	5.22	56.5	6.73	62.4	7.51	68.2	8.32	79.8	9.98	91.0	11.6
	12	35.8	4.25	44.6	5.31	56.5	6.85	62.4	7.65	68.2	8.48	79.8	10.2	89.8	11.6
	14	35.8	4.32	44.6	5.40	56.5	6.98	62.4	7.80	68.2	8.64	79.8	10.4	88.6	11.5
	16	35.8	4.39	44.6	5.49	56.5	7.11	62.4	7.95	68.2	8.81	79.8	10.6	87.5	11.4
	18	35.8	4.46	44.6	5.59	56.5	7.24	62.4	8.10	68.2	8.98	79.8	10.8	86.3	12.0
	20	35.8	4.54	44.6	5.69	56.5	7.39	62.4	8.26	68.2	9.26	79.8	11.7	85.1	12.6
	21	35.8	4.58	44.6	5.75	56.5	7.46	62.4	8.44	68.2	9.59	79.8	12.1	84.5	12.9
	23	35.8	4.66	44.6	5.86	56.5	7.89	62.4	9.04	68.2	10.3	79.8	13.0	83.3	13.5
	25	35.8	4.75	44.6	6.18	56.5	8.43	62.4	9.66	68.2	11.0	79.8	13.9	82.1	14.1
	27	35.8	5.04	44.6	6.58	56.5	8.99	62.4	10.3	68.2	11.7	78.9	14.5	81.0	14.7
	29	35.8	5.36	44.6	7.00	56.5	9.59	62.4	11.0	68.2	12.5	77.7	15.1	79.8	15.3
	31	35.8	5.68	44.6	7.44	56.5	10.2	62.4	11.7	68.2	13.4	76.5	15.7	78.6	15.9
	33	35.8	6.02	44.6	7.91	56.5	10.9	62.4	12.5	68.2	14.3	75.3	16.3	77.4	16.5
	35	35.8	6.38	44.6	8.40	56.5	11.6	62.4	13.3	68.2	15.2	74.1	16.9	76.2	17.1
	37	35.8	6.76	44.6	8.91	56.5	12.3	62.4	14.2	68.2	16.2	72.9	17.5	75.0	17.7
	39	35.8	7.15	44.6	9.45	56.5	13.1	62.4	15.1	68.2	17.3	71.7	18.1	73.8	18.3
100% (650)	10	32.5	3.83	40.5	4.73	51.4	6.06	56.7	6.75	62.0	7.47	72.6	8.94	82.8	10.4
	12	32.5	3.89	40.5	4.81	51.4	6.17	56.7	6.88	62.0	7.61	72.6	9.11	82.8	10.6
	14	32.5	3.95	40.5	4.89	51.4	6.28	56.7	7.00	62.0	7.75	72.6	9.28	82.8	10.8
	16	32.5	4.01	40.5	4.98	51.4	6.40	56.7	7.13	62.0	7.90	72.6	9.46	82.8	11.0
	18	32.5	4.07	40.5	5.06	51.4	6.52	56.7	7.27	62.0	8.05	72.6	9.65	82.8	11.4
	20	32.5	4.14	40.5	5.15	51.4	6.64	56.7	7.41	62.0	8.21	72.6	10.1	82.8	12.3
	21	32.5	4.18	40.5	5.20	51.4	6.71	56.7	7.49	62.0	8.38	72.6	10.5	82.8	12.8
	23	32.5	4.25	40.5	5.30	51.4	6.94	56.7	7.92	62.0	8.97	72.6	11.2	81.8	13.4
	25	32.5	4.32	40.5	5.50	51.4	7.41	56.7	8.46	62.0	9.59	72.6	12.0	80.6	14.0
	27	32.5	4.53	40.5	5.85	51.4	7.90	56.7	9.03	62.0	10.2	72.6	12.9	79.4	14.6
	29	32.5	4.81	40.5	6.22	51.4	8.42	56.7	9.63	62.0	10.9	72.6	13.7	78.2	15.1
	31	32.5	5.10	40.5	6.60	51.4	8.96	56.7	10.3	62.0	11.7	72.6	14.7	77.0	15.7
	33	32.5	5.40	40.5	7.01	51.4	9.54	56.7	10.9	62.0	12.4	72.6	15.7	75.9	16.3
	35	32.5	5.71	40.5	7.43	51.4	10.1	56.7	11.6	62.0	13.2	72.6	16.7	74.7	16.9
	37	32.5	6.04	40.5	7.88	51.4	10.8	56.7	12.4	62.0	14.1	71.6	17.4	73.5	17.5
	39	32.5	6.39	40.5	8.36	51.4	11.4	56.7	13.2	62.0	15.0	70.4	17.9	72.3	18.1
90% (585)	10	29.3	3.49	36.5	4.27	46.2	5.42	51.0	6.02	55.8	6.64	65.3	7.92	74.5	9.21
	12	29.3	3.54	36.5	4.34	46.2	5.51	51.0	6.12	55.8	6.76	65.3	8.07	74.5	9.38
	14	29.3	3.59	36.5	4.41	46.2	5.61	51.0	6.23	55.8	6.88	65.3	8.22	74.5	9.56
	16	29.3	3.64	36.5	4.48	46.2	5.71	51.0	6.35	55.8	7.01	65.3	8.38	74.5	9.75
	18	29.3	3.70	36.5	4.55	46.2	5.81	51.0	6.47	55.8	7.15	65.3	8.54	74.5	9.94
	20	29.3	3.76	36.5	4.63	46.2	5.92	51.0	6.59	55.8	7.29	65.3	8.72	74.5	10.5
	21	29.3	3.79	36.5	4.67	46.2	5.98	51.0	6.66	55.8	7.36	65.3	9.01	74.5	10.9
	23	29.3	3.85	36.5	4.76	46.2	6.09	51.0	6.88	55.8	7.76	65.3	9.65	74.5	11.7
	25	29.3	3.91	36.5	4.86	46.2	6.47	51.0	7.35	55.8	8.29	65.3	10.3	74.5	12.5
	27	29.3	4.05	36.5	5.16	46.2	6.89	51.0	7.83	55.8	8.84	65.3	11.0	74.5	13.4
	29	29.3	4.29	36.5	5.48	46.2	7.33	51.0	8.34	55.8	9.43	65.3	11.8	74.5	14.3
	31	29.3	4.54	36.5	5.82	46.2	7.80	51.0	8.88	55.8	10.0	65.3	12.6	74.5	15.3
	33	29.3	4.81	36.5	6.17	46.2	8.29	51.0	9.45	55.8	10.7	65.3	13.4	74.3	16.2
	35	29.3	5.08	36.5	6.53	46.2	8.80	51.0	10.0	55.8	11.4	65.3	14.3	73.1	16.8
	37	29.3	5.37	36.5	6.92	46.2	9.35	51.0	10.7	55.8	12.1	65.3	15.2	71.9	17.4
	39	29.3	5.67	36.5	7.33	46.2	9.92	51.0	11.3	55.8	12.9	65.3	16.2	70.7	18.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (520)	10	26.0	3.16	32.4	3.82	41.1	4.80	45.4	5.31	49.6	5.84	58.1	6.94	66.2	8.04
	12	26.0	3.20	32.4	3.88	41.1	4.88	45.4	5.40	49.6	5.94	58.1	7.06	66.2	8.19
	14	26.0	3.25	32.4	3.94	41.1	4.96	45.4	5.49	49.6	6.05	58.1	7.19	66.2	8.35
	16	26.0	3.29	32.4	4.00	41.1	5.05	45.4	5.59	49.6	6.16	58.1	7.33	66.2	8.51
	18	26.0	3.34	32.4	4.06	41.1	5.13	45.4	5.69	49.6	6.27	58.1	7.47	66.2	8.68
	20	26.0	3.39	32.4	4.13	41.1	5.23	45.4	5.80	49.6	6.39	58.1	7.62	66.2	8.87
	21	26.0	3.41	32.4	4.17	41.1	5.27	45.4	5.85	49.6	6.45	58.1	7.69	66.2	9.19
	23	26.0	3.47	32.4	4.24	41.1	5.37	45.4	5.97	49.6	6.64	58.1	8.19	66.2	9.84
	25	26.0	3.52	32.4	4.31	41.1	5.59	45.4	6.31	49.6	7.08	58.1	8.75	66.2	10.5
	27	26.0	3.60	32.4	4.52	41.1	5.95	45.4	6.72	49.6	7.55	58.1	9.34	66.2	11.2
	29	26.0	3.81	32.4	4.79	41.1	6.32	45.4	7.15	49.6	8.04	58.1	9.96	66.2	12.0
	31	26.0	4.03	32.4	5.08	41.1	6.72	45.4	7.61	49.6	8.56	58.1	10.6	66.2	12.8
	33	26.0	4.25	32.4	5.38	41.1	7.13	45.4	8.08	49.6	9.10	58.1	11.3	66.2	13.7
	35	26.0	4.49	32.4	5.70	41.1	7.56	45.4	8.58	49.6	9.67	58.1	12.0	66.2	14.6
	37	26.0	4.74	32.4	6.03	41.1	8.02	45.4	9.11	49.6	10.3	58.1	12.8	66.2	15.5
	39	26.0	5.00	32.4	6.37	41.1	8.50	45.4	9.67	49.6	10.9	58.1	13.6	66.2	16.5
70% (455)	10	22.8	2.85	28.4	3.40	36.0	4.21	39.7	4.63	43.4	5.08	50.8	5.99	57.9	6.92
	12	22.8	2.88	28.4	3.45	36.0	4.28	39.7	4.71	43.4	5.16	50.8	6.10	57.9	7.05
	14	22.8	2.92	28.4	3.49	36.0	4.34	39.7	4.79	43.4	5.25	50.8	6.21	57.9	7.18
	16	22.8	2.95	28.4	3.55	36.0	4.42	39.7	4.87	43.4	5.34	50.8	6.32	57.9	7.31
	18	22.8	2.99	28.4	3.60	36.0	4.49	39.7	4.95	43.4	5.44	50.8	6.44	57.9	7.45
	20	22.8	3.04	28.4	3.65	36.0	4.57	39.7	5.04	43.4	5.54	50.8	6.56	57.9	7.60
	21	22.8	3.06	28.4	3.68	36.0	4.61	39.7	5.09	43.4	5.59	50.8	6.62	57.9	7.68
	23	22.8	3.10	28.4	3.74	36.0	4.69	39.7	5.18	43.4	5.69	50.8	6.85	57.9	8.16
	25	22.8	3.15	28.4	3.80	36.0	4.78	39.7	5.36	43.4	5.98	50.8	7.31	57.9	8.72
	27	22.8	3.19	28.4	3.92	36.0	5.08	39.7	5.70	43.4	6.36	50.8	7.79	57.9	9.31
	29	22.8	3.35	28.4	4.16	36.0	5.39	39.7	6.06	43.4	6.77	50.8	8.30	57.9	9.93
	31	22.8	3.54	28.4	4.40	36.0	5.72	39.7	6.43	43.4	7.19	50.8	8.83	57.9	10.6
	33	22.8	3.74	28.4	4.65	36.0	6.06	39.7	6.83	43.4	7.64	50.8	9.40	57.9	11.3
	35	22.8	3.94	28.4	4.92	36.0	6.42	39.7	7.24	43.4	8.11	50.8	9.99	57.9	12.0
	37	22.8	4.15	28.4	5.19	36.0	6.80	39.7	7.68	43.4	8.61	50.8	10.6	57.9	12.8
	39	22.8	4.37	28.4	5.49	36.0	7.20	39.7	8.13	43.4	9.13	50.8	11.3	57.9	13.6
60% (390)	10	19.5	2.55	24.3	2.99	30.8	3.65	34.0	4.00	37.2	4.35	43.6	5.09	49.7	5.85
	12	19.5	2.57	24.3	3.03	30.8	3.71	34.0	4.06	37.2	4.42	43.6	5.18	49.7	5.95
	14	19.5	2.60	24.3	3.07	30.8	3.76	34.0	4.12	37.2	4.49	43.6	5.27	49.7	6.05
	16	19.5	2.63	24.3	3.11	30.8	3.82	34.0	4.18	37.2	4.57	43.6	5.36	49.7	6.16
	18	19.5	2.67	24.3	3.16	30.8	3.88	34.0	4.25	37.2	4.64	43.6	5.45	49.7	6.28
	20	19.5	2.70	24.3	3.20	30.8	3.94	34.0	4.32	37.2	4.72	43.6	5.55	49.7	6.40
	21	19.5	2.72	24.3	3.23	30.8	3.97	34.0	4.36	37.2	4.77	43.6	5.61	49.7	6.46
	23	19.5	2.75	24.3	3.27	30.8	4.04	34.0	4.44	37.2	4.85	43.6	5.71	49.7	6.65
	25	19.5	2.79	24.3	3.32	30.8	4.11	34.0	4.52	37.2	4.97	43.6	6.00	49.7	7.09
	27	19.5	2.83	24.3	3.38	30.8	4.28	34.0	4.77	37.2	5.28	43.6	6.39	49.7	7.56
	29	19.5	2.93	24.3	3.57	30.8	4.54	34.0	5.06	37.2	5.61	43.6	6.80	49.7	8.05
	31	19.5	3.09	24.3	3.77	30.8	4.80	34.0	5.36	37.2	5.95	43.6	7.22	49.7	8.57
	33	19.5	3.26	24.3	3.98	30.8	5.09	34.0	5.68	37.2	6.31	43.6	7.67	49.7	9.11
	35	19.5	3.43	24.3	4.20	30.8	5.38	34.0	6.02	37.2	6.69	43.6	8.14	49.7	9.68
	37	19.5	3.61	24.3	4.43	30.8	5.69	34.0	6.37	37.2	7.09	43.6	8.64	49.7	10.3
	39	19.5	3.79	24.3	4.67	30.8	6.01	34.0	6.74	37.2	7.51	43.6	9.17	49.7	10.9
50% (325)	10	16.3	2.26	20.3	2.61	25.7	3.13	28.3	3.40	31.0	3.67	36.3	4.25	41.4	4.83
	12	16.3	2.28	20.3	2.64	25.7	3.17	28.3	3.44	31.0	3.73	36.3	4.31	41.4	4.91
	14	16.3	2.31	20.3	2.68	25.7	3.21	28.3	3.49	31.0	3.78	36.3	4.38	41.4	5.00
	16	16.3	2.33	20.3	2.71	25.7	3.26	28.3	3.54	31.0	3.84	36.3	4.46	41.4	5.08
	18	16.3	2.36	20.3	2.74	25.7	3.30	28.3	3.60	31.0	3.90	36.3	4.53	41.4	5.17
	20	16.3	2.38	20.3	2.78	25.7	3.35	28.3	3.65	31.0	3.96	36.3	4.61	41.4	5.27
	21	16.3	2.40	20.3	2.80	25.7	3.38	28.3	3.68	31.0	3.99	36.3	4.65	41.4	5.31
	23	16.3	2.43	20.3	2.83	25.7	3.43	28.3	3.74	31.0	4.06	36.3	4.73	41.4	5.41
	25	16.3	2.45	20.3	2.87	25.7	3.48	28.3	3.80	31.0	4.13	36.3	4.83	41.4	5.64
	27	16.3	2.48	20.3	2.91	25.7	3.55	28.3	3.92	31.0	4.31	36.3	5.13	41.4	6.00
	29	16.3	2.54	20.3	3.03	25.7	3.76	28.3	4.15	31.0	4.57	36.3	5.45	41.4	6.38
	31	16.3	2.67	20.3	3.19	25.7	3.98	28.3	4.39	31.0	4.84	36.3	5.78	41.4	6.78
	33	16.3	2.81	20.3	3.36	25.7	4.20	28.3	4.65	31.0	5.12	36.3	6.13	41.4	7.19
	35	16.3	2.95	20.3	3.54	25.7	4.43	28.3	4.91	31.0	5.42	36.3	6.49	41.4	7.63
	37	16.3	3.10	20.3	3.73	25.7	4.68	28.3	5.19	31.0	5.73	36.3	6.88	41.4	8.09
	39	16.3	3.26	20.3	3.92	25.7	4.94	28.3	5.48	31.0	6.05	36.3	7.28	41.4	8.58

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes:
1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ28THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (910)	10	45.5	5.41	56.7	6.83	71.8	8.90	79.3	9.97	86.7	11.1	98.6	12.6	101	12.0
	12	45.5	5.50	56.7	6.95	71.8	9.07	79.3	10.2	86.7	11.3	97.3	12.5	100	12.0
	14	45.5	5.59	56.7	7.07	71.8	9.24	79.3	10.3	86.7	11.5	96.0	12.5	98.7	12.0
	16	45.5	5.69	56.7	7.21	71.8	9.42	79.3	10.5	86.7	11.7	94.7	12.6	97.4	12.7
	18	45.5	5.79	56.7	7.34	71.8	9.60	79.3	10.8	86.7	12.1	93.5	13.2	96.1	13.3
	20	45.5	5.90	56.7	7.48	71.8	9.84	79.3	11.3	86.7	13.0	92.2	13.8	94.9	14.0
	21	45.5	5.95	56.7	7.56	71.8	10.2	79.3	11.7	86.7	13.4	91.6	14.2	94.2	14.3
	23	45.5	6.06	56.7	7.87	71.8	10.9	79.3	12.6	86.7	14.4	90.3	14.8	92.9	15.0
	25	45.5	6.34	56.7	8.40	71.8	11.7	79.3	13.5	86.2	15.3	89.0	15.5	91.7	15.6
	27	45.5	6.74	56.7	8.96	71.8	12.5	79.3	14.4	85.0	15.9	87.7	16.1	90.4	16.3
	29	45.5	7.17	56.7	9.55	71.8	13.3	79.3	15.4	83.7	16.6	86.5	16.8	89.1	17.0
	31	45.5	7.62	56.7	10.2	71.8	14.2	79.3	16.4	82.4	17.2	85.2	17.4	87.9	17.6
	33	45.5	8.09	56.7	10.8	71.8	15.1	79.3	17.5	81.1	17.9	83.9	18.1	86.6	18.3
	35	45.5	8.59	56.7	11.5	71.8	16.1	78.5	18.4	79.9	18.5	82.6	18.7	85.3	19.0
	37	45.5	9.11	56.7	12.2	71.8	17.2	77.2	19.0	78.6	19.2	81.4	19.4	84.0	19.6
	39	45.5	9.66	56.7	13.0	71.8	18.3	75.9	19.7	77.3	19.8	80.1	20.1	82.8	20.3
120% (840)	10	42.0	4.99	52.3	6.26	66.3	8.13	73.2	9.09	80.1	10.1	93.7	12.1	99.6	12.4
	12	42.0	5.07	52.3	6.37	66.3	8.28	73.2	9.26	80.1	10.3	93.7	12.3	98.3	12.3
	14	42.0	5.16	52.3	6.49	66.3	8.43	73.2	9.44	80.1	10.5	93.7	12.6	97.0	12.2
	16	42.0	5.24	52.3	6.60	66.3	8.59	73.2	9.62	80.1	10.7	93.3	12.7	95.7	12.6
	18	42.0	5.33	52.3	6.73	66.3	8.76	73.2	9.81	80.1	10.9	92.0	13.1	94.5	13.2
	20	42.0	5.43	52.3	6.85	66.3	8.93	73.2	10.1	80.1	11.5	90.7	13.8	93.2	13.9
	21	42.0	5.48	52.3	6.92	66.3	9.10	73.2	10.5	80.1	11.9	90.1	14.1	92.6	14.2
	23	42.0	5.58	52.3	7.09	66.3	9.74	73.2	11.2	80.1	12.8	88.8	14.7	91.3	14.9
	25	42.0	5.75	52.3	7.56	66.3	10.4	73.2	12.0	80.1	13.7	87.5	15.4	90.0	15.5
	27	42.0	6.12	52.3	8.06	66.3	11.1	73.2	12.8	80.1	14.6	86.3	16.0	88.7	16.2
	29	42.0	6.50	52.3	8.58	66.3	11.9	73.2	13.7	80.1	15.6	85.0	16.7	87.5	16.8
	31	42.0	6.90	52.3	9.13	66.3	12.7	73.2	14.6	80.1	16.7	83.7	17.3	86.2	17.5
	33	42.0	7.32	52.3	9.71	66.3	13.5	73.2	15.6	79.9	17.8	82.5	18.0	84.9	18.2
	35	42.0	7.77	52.3	10.3	66.3	14.4	73.2	16.6	78.6	18.4	81.2	18.6	83.6	18.8
	37	42.0	8.23	52.3	11.0	66.3	15.3	73.2	17.7	77.4	19.0	79.9	19.3	82.4	19.5
	39	42.0	8.72	52.3	11.6	66.3	16.3	73.2	18.8	76.1	19.7	78.6	19.9	81.1	20.2
110% (770)	10	38.5	4.59	48.0	5.72	60.8	7.37	67.1	8.23	73.4	9.12	85.9	10.9	97.9	12.7
	12	38.5	4.66	48.0	5.81	60.8	7.51	67.1	8.38	73.4	9.29	85.9	11.1	96.6	12.7
	14	38.5	4.73	48.0	5.91	60.8	7.64	67.1	8.54	73.4	9.47	85.9	11.4	95.3	12.6
	16	38.5	4.81	48.0	6.02	60.8	7.79	67.1	8.71	73.4	9.65	85.9	11.6	94.1	12.5
	18	38.5	4.89	48.0	6.13	60.8	7.94	67.1	8.88	73.4	9.84	85.9	11.9	92.8	13.2
	20	38.5	4.98	48.0	6.24	60.8	8.09	67.1	9.05	73.4	10.1	85.9	12.8	91.5	13.8
	21	38.5	5.02	48.0	6.30	60.8	8.17	67.1	9.25	73.4	10.5	85.9	13.2	90.9	14.1
	23	38.5	5.11	48.0	6.42	60.8	8.64	67.1	9.90	73.4	11.3	85.9	14.2	89.6	14.8
	25	38.5	5.20	48.0	6.77	60.8	9.23	67.1	10.6	73.4	12.0	85.9	15.2	88.3	15.4
	27	38.5	5.53	48.0	7.21	60.8	9.85	67.1	11.3	73.4	12.9	84.8	15.9	87.1	16.1
	29	38.5	5.87	48.0	7.67	60.8	10.5	67.1	12.1	73.4	13.7	83.5	16.5	85.8	16.7
	31	38.5	6.22	48.0	8.15	60.8	11.2	67.1	12.9	73.4	14.7	82.3	17.2	84.5	17.4
	33	38.5	6.60	48.0	8.66	60.8	11.9	67.1	13.7	73.4	15.6	81.0	17.8	83.2	18.0
	35	38.5	6.99	48.0	9.20	60.8	12.7	67.1	14.6	73.4	16.7	79.7	18.5	82.0	18.7
	37	38.5	7.40	48.0	9.76	60.8	13.5	67.1	15.5	73.4	17.8	78.4	19.1	80.7	19.3
	39	38.5	7.84	48.0	10.4	60.8	14.3	67.1	16.5	73.4	18.9	77.2	19.8	79.4	20.0
100% (700)	10	35.0	4.20	43.6	5.19	55.3	6.64	61.0	7.40	66.7	8.18	78.1	9.79	89.0	11.4
	12	35.0	4.26	43.6	5.27	55.3	6.76	61.0	7.53	66.7	8.33	78.1	9.98	89.0	11.6
	14	35.0	4.33	43.6	5.36	55.3	6.88	61.0	7.67	66.7	8.49	78.1	10.2	89.0	11.8
	16	35.0	4.39	43.6	5.45	55.3	7.01	61.0	7.82	66.7	8.65	78.1	10.4	89.0	12.1
	18	35.0	4.46	43.6	5.55	55.3	7.14	61.0	7.97	66.7	8.82	78.1	10.6	89.0	12.5
	20	35.0	4.54	43.6	5.65	55.3	7.28	61.0	8.12	66.7	9.00	78.1	11.1	89.0	13.5
	21	35.0	4.58	43.6	5.70	55.3	7.35	61.0	8.20	66.7	9.18	78.1	11.5	89.0	14.0
	23	35.0	4.65	43.6	5.80	55.3	7.61	61.0	8.68	66.7	9.83	78.1	12.3	87.9	14.7
	25	35.0	4.73	43.6	6.02	55.3	8.12	61.0	9.27	66.7	10.5	78.1	13.2	86.7	15.3
	27	35.0	4.97	43.6	6.41	55.3	8.66	61.0	9.90	66.7	11.2	78.1	14.1	85.4	15.9
	29	35.0	5.27	43.6	6.81	55.3	9.23	61.0	10.6	66.7	12.0	78.1	15.1	84.1	16.6
	31	35.0	5.58	43.6	7.23	55.3	9.82	61.0	11.2	66.7	12.8	78.1	16.1	82.9	17.2
	33	35.0	5.91	43.6	7.68	55.3	10.4	61.0	12.0	66.7	13.6	78.1	17.2	81.6	17.9
	35	35.0	6.26	43.6	8.15	55.3	11.1	61.0	12.7	66.7	14.5	78.1	18.3	80.3	18.5
	37	35.0	6.62	43.6	8.64	55.3	11.8	61.0	13.6	66.7	15.4	77.0	19.0	79.0	19.2
	39	35.0	7.00	43.6	9.16	55.3	12.5	61.0	14.4	66.7	16.4	75.7	19.7	77.8	19.9
90% (630)	10	31.5	3.82	39.2	4.68	49.7	5.94	54.9	6.59	60.0	7.27	70.3	8.68	80.1	10.1
	12	31.5	3.88	39.2	4.75	49.7	6.04	54.9	6.71	60.0	7.40	70.3	8.84	80.1	10.3
	14	31.5	3.93	39.2	4.83	49.7	6.14	54.9	6.83	60.0	7.54	70.3	9.01	80.1	10.5
	16	31.5	3.99	39.2	4.91	49.7	6.25	54.9	6.96	60.0	7.68	70.3	9.18	80.1	10.7
	18	31.5	4.05	39.2	4.99	49.7	6.37	54.9	7.09	60.0	7.83	70.3	9.36	80.1	10.9
	20	31.5	4.12	39.2	5.07	49.7	6.49	54.9	7.22	60.0	7.98	70.3	9.55	80.1	11.5
	21	31.5	4.15	39.2	5.12	49.7	6.55	54.9	7.29	60.0	8.06	70.3	9.87	80.1	11.9
	23	31.5	4.22	39.2	5.21	49.7	6.67	54.9	7.54	60.0	8.50	70.3	10.6	80.1	12.8
	25	31.5	4.29	39.2	5.32	49.7	7.09	54.9	8.05	60.0	9.08	70.3	11.3	80.1	13.7
	27	31.5	4.44	39.2	5.66	49.7	7.55	54.9	8.58	60.0	9.69	70.3	12.1	80.1	14.7
	29	31.5	4.70	39.2	6.01	49.7	8.03	54.9	9.14	60.0	10.3	70.3	12.9	80.1	15.7
	31	31.5	4.98	39.2	6.37	49.7	8.54	54.9	9.73	60.0	11.0	70.3	13.8	80.1	16.7
	33	31.5	5.27	39.2	6.76	49.7	9.08	54.9	10.4	60.0	11.7	70.3	14.7	79.9	17.8
	35	31.5	5.57	39.2	7.16	49.7	9.64	54.9	11.0	60.0	12.5	70.3	15.6	78.6	18.4
	37	31.5	5.88	39.2	7.58	49.7	10.2	54.9	11.7	60.0	13.3	70.3	16.6	77.4	19.0
	39	31.5	6.22	39.2	8.03	49.7	10.9	54.9	12.4	60.0	14.1	70.3	17.7	76.1	19.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (560)	10	28.0	3.46	34.9	4.19	44.2	5.26	48.8	5.82	53.4	6.40	62.5	7.60	71.2	8.81
	12	28.0	3.51	34.9	4.25	44.2	5.35	48.8	5.92	53.4	6.51	62.5	7.74	71.2	8.98
	14	28.0	3.56	34.9	4.32	44.2	5.44	48.8	6.02	53.4	6.63	62.5	7.88	71.2	9.15
	16	28.0	3.61	34.9	4.38	44.2	5.53	48.8	6.13	53.4	6.75	62.5	8.03	71.2	9.33
	18	28.0	3.66	34.9	4.45	44.2	5.63	48.8	6.24	53.4	6.87	62.5	8.19	71.2	9.51
	20	28.0	3.71	34.9	4.53	44.2	5.73	48.8	6.35	53.4	7.00	62.5	8.35	71.2	9.72
	21	28.0	3.74	34.9	4.56	44.2	5.78	48.8	6.41	53.4	7.07	62.5	8.43	71.2	10.1
	23	28.0	3.80	34.9	4.64	44.2	5.89	48.8	6.54	53.4	7.27	62.5	8.97	71.2	10.8
	25	28.0	3.86	34.9	4.72	44.2	6.12	48.8	6.92	53.4	7.76	62.5	9.58	71.2	11.5
	27	28.0	3.94	34.9	4.95	44.2	6.52	48.8	7.37	53.4	8.27	62.5	10.2	71.2	12.3
	29	28.0	4.17	34.9	5.25	44.2	6.93	48.8	7.84	53.4	8.81	62.5	10.9	71.2	13.2
	31	28.0	4.41	34.9	5.57	44.2	7.36	48.8	8.33	53.4	9.38	62.5	11.6	71.2	14.0
	33	28.0	4.66	34.9	5.90	44.2	7.81	48.8	8.85	53.4	9.97	62.5	12.4	71.2	15.0
	35	28.0	4.92	34.9	6.24	44.2	8.29	48.8	9.40	53.4	10.6	62.5	13.2	71.2	15.9
	37	28.0	5.19	34.9	6.60	44.2	8.79	48.8	9.98	53.4	11.3	62.5	14.0	71.2	17.0
	39	28.0	5.48	34.9	6.98	44.2	9.32	48.8	10.6	53.4	12.0	62.5	14.9	71.2	18.1
70% (490)	10	24.5	3.12	30.5	3.72	38.7	4.61	42.7	5.08	46.7	5.56	54.6	6.56	62.3	7.58
	12	24.5	3.16	30.5	3.77	38.7	4.69	42.7	5.16	46.7	5.65	54.6	6.68	62.3	7.72
	14	24.5	3.20	30.5	3.83	38.7	4.76	42.7	5.25	46.7	5.75	54.6	6.80	62.3	7.86
	16	24.5	3.24	30.5	3.88	38.7	4.84	42.7	5.34	46.7	5.85	54.6	6.92	62.3	8.01
	18	24.5	3.28	30.5	3.94	38.7	4.92	42.7	5.43	46.7	5.96	54.6	7.05	62.3	8.17
	20	24.5	3.33	30.5	4.00	38.7	5.00	42.7	5.52	46.7	6.07	54.6	7.19	62.3	8.33
	21	24.5	3.35	30.5	4.04	38.7	5.05	42.7	5.57	46.7	6.12	54.6	7.26	62.3	8.41
	23	24.5	3.40	30.5	4.10	38.7	5.14	42.7	5.68	46.7	6.24	54.6	7.50	62.3	8.94
	25	24.5	3.45	30.5	4.17	38.7	5.23	42.7	5.87	46.7	6.55	54.6	8.01	62.3	9.56
	27	24.5	3.50	30.5	4.30	38.7	5.56	42.7	6.25	46.7	6.97	54.6	8.54	62.3	10.2
	29	24.5	3.67	30.5	4.55	38.7	5.91	42.7	6.64	46.7	7.42	54.6	9.09	62.3	10.9
	31	24.5	3.88	30.5	4.82	38.7	6.27	42.7	7.05	46.7	7.88	54.6	9.68	62.3	11.6
	33	24.5	4.09	30.5	5.10	38.7	6.64	42.7	7.48	46.7	8.37	54.6	10.3	62.3	12.3
	35	24.5	4.32	30.5	5.39	38.7	7.04	42.7	7.93	46.7	8.89	54.6	10.9	62.3	13.1
	37	24.5	4.55	30.5	5.69	38.7	7.45	42.7	8.41	46.7	9.43	54.6	11.6	62.3	14.0
	39	24.5	4.79	30.5	6.01	38.7	7.89	42.7	8.91	46.7	10.0	54.6	12.4	62.3	14.9
60% (420)	10	21.0	2.79	26.2	3.28	33.2	4.00	36.6	4.38	40.0	4.77	46.8	5.58	53.4	6.40
	12	21.0	2.82	26.2	3.32	33.2	4.06	36.6	4.44	40.0	4.84	46.8	5.67	53.4	6.52
	14	21.0	2.85	26.2	3.37	33.2	4.12	36.6	4.51	40.0	4.92	46.8	5.77	53.4	6.63
	16	21.0	2.89	26.2	3.41	33.2	4.18	36.6	4.59	40.0	5.00	46.8	5.87	53.4	6.75
	18	21.0	2.92	26.2	3.46	33.2	4.25	36.6	4.66	40.0	5.09	46.8	5.98	53.4	6.88
	20	21.0	2.96	26.2	3.51	33.2	4.32	36.6	4.74	40.0	5.18	46.8	6.09	53.4	7.01
	21	21.0	2.98	26.2	3.53	33.2	4.35	36.6	4.78	40.0	5.22	46.8	6.14	53.4	7.08
	23	21.0	3.02	26.2	3.59	33.2	4.42	36.6	4.86	40.0	5.32	46.8	6.26	53.4	7.28
	25	21.0	3.06	26.2	3.64	33.2	4.50	36.6	4.95	40.0	5.44	46.8	6.57	53.4	7.77
	27	21.0	3.10	26.2	3.70	33.2	4.69	36.6	5.22	40.0	5.79	46.8	7.00	53.4	8.28
	29	21.0	3.21	26.2	3.91	33.2	4.97	36.6	5.54	40.0	6.15	46.8	7.45	53.4	8.82
	31	21.0	3.39	26.2	4.13	33.2	5.26	36.6	5.88	40.0	6.52	46.8	7.91	53.4	9.39
	33	21.0	3.57	26.2	4.36	33.2	5.57	36.6	6.23	40.0	6.92	46.8	8.41	53.4	9.98
	35	21.0	3.75	26.2	4.60	33.2	5.89	36.6	6.59	40.0	7.33	46.8	8.92	53.4	10.6
	37	21.0	3.95	26.2	4.85	33.2	6.23	36.6	6.98	40.0	7.77	46.8	9.47	53.4	11.3
	39	21.0	4.15	26.2	5.12	33.2	6.59	36.6	7.38	40.0	8.23	46.8	10.0	53.4	12.0
50% (350)	10	17.5	2.48	21.8	2.86	27.6	3.43	30.5	3.72	33.4	4.02	39.0	4.65	44.5	5.30
	12	17.5	2.50	21.8	2.90	27.6	3.47	30.5	3.77	33.4	4.08	39.0	4.73	44.5	5.38
	14	17.5	2.53	21.8	2.93	27.6	3.52	30.5	3.83	33.4	4.14	39.0	4.80	44.5	5.47
	16	17.5	2.56	21.8	2.97	27.6	3.57	30.5	3.88	33.4	4.21	39.0	4.88	44.5	5.57
	18	17.5	2.58	21.8	3.00	27.6	3.62	30.5	3.94	33.4	4.27	39.0	4.96	44.5	5.67
	20	17.5	2.61	21.8	3.04	27.6	3.67	30.5	4.00	33.4	4.34	39.0	5.05	44.5	5.77
	21	17.5	2.63	21.8	3.06	27.6	3.70	30.5	4.03	33.4	4.38	39.0	5.09	44.5	5.82
	23	17.5	2.66	21.8	3.10	27.6	3.76	30.5	4.10	33.4	4.45	39.0	5.18	44.5	5.93
	25	17.5	2.69	21.8	3.15	27.6	3.81	30.5	4.16	33.4	4.53	39.0	5.29	44.5	6.18
	27	17.5	2.72	21.8	3.19	27.6	3.89	30.5	4.30	33.4	4.72	39.0	5.62	44.5	6.57
	29	17.5	2.78	21.8	3.32	27.6	4.12	30.5	4.55	33.4	5.00	39.0	5.97	44.5	6.99
	31	17.5	2.93	21.8	3.50	27.6	4.36	30.5	4.81	33.4	5.30	39.0	6.33	44.5	7.42
	33	17.5	3.08	21.8	3.69	27.6	4.60	30.5	5.09	33.4	5.61	39.0	6.71	44.5	7.88
	35	17.5	3.24	21.8	3.88	27.6	4.86	30.5	5.38	33.4	5.94	39.0	7.12	44.5	8.36
	37	17.5	3.40	21.8	4.09	27.6	5.13	30.5	5.69	33.4	6.28	39.0	7.54	44.5	8.87
	39	17.5	3.57	21.8	4.30	27.6	5.41	30.5	6.00	33.4	6.63	39.0	7.98	44.5	9.40

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ30THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (975)	10	48.7	5.93	60.7	7.49	77.0	9.76	84.9	10.9	92.9	12.1	106	13.8	108	13.2
	12	48.7	6.03	60.7	7.62	77.0	9.94	84.9	11.1	92.9	12.4	104	13.7	107	13.1
	14	48.7	6.13	60.7	7.76	77.0	10.1	84.9	11.3	92.9	12.6	103	13.7	106	13.2
	16	48.7	6.24	60.7	7.90	77.0	10.3	84.9	11.6	92.9	12.8	102	13.8	104	13.9
	18	48.7	6.35	60.7	8.05	77.0	10.5	84.9	11.8	92.9	13.2	100	14.5	103	14.6
	20	48.7	6.47	60.7	8.21	77.0	10.8	84.9	12.4	92.9	14.2	98.8	15.2	102	15.3
	21	48.7	6.53	60.7	8.29	77.0	11.2	84.9	12.9	92.9	14.7	98.1	15.5	101	15.7
	23	48.7	6.65	60.7	8.63	77.0	12.0	84.9	13.8	92.9	15.8	96.7	16.2	99.6	16.4
	25	48.7	6.95	60.7	9.21	77.0	12.8	84.9	14.8	92.4	16.8	95.4	16.9	98.2	17.1
	27	48.7	7.39	60.7	9.82	77.0	13.7	84.9	15.8	91.0	17.5	94.0	17.7	96.9	17.9
	29	48.7	7.86	60.7	10.5	77.0	14.6	84.9	16.9	89.7	18.2	92.6	18.4	95.5	18.6
	31	48.7	8.36	60.7	11.1	77.0	15.6	84.9	18.0	88.3	18.9	91.3	19.1	94.1	19.3
	33	48.7	8.87	60.7	11.9	77.0	16.6	84.9	19.2	87.0	19.6	89.9	19.8	92.8	20.1
	35	48.7	9.42	60.7	12.6	77.0	17.7	84.1	20.2	85.6	20.3	88.5	20.6	91.4	20.8
	37	48.7	9.99	60.7	13.4	77.0	18.9	82.7	20.9	84.2	21.0	87.2	21.3	90.0	21.5
	39	48.7	10.6	60.7	14.3	77.0	20.1	81.4	21.6	82.9	21.7	85.8	22.0	88.7	22.3
120% (900)	10	45.0	5.48	56.1	6.87	71.0	8.91	78.4	9.97	85.8	11.1	100	13.3	107	13.6
	12	45.0	5.56	56.1	6.99	71.0	9.07	78.4	10.2	85.8	11.3	100	13.5	105	13.5
	14	45.0	5.66	56.1	7.11	71.0	9.25	78.4	10.3	85.8	11.5	100	13.8	104	13.4
	16	45.0	5.75	56.1	7.24	71.0	9.42	78.4	10.5	85.8	11.7	99.9	13.9	103	13.8
	18	45.0	5.85	56.1	7.37	71.0	9.61	78.4	10.8	85.8	11.9	98.6	14.4	101	14.5
	20	45.0	5.95	56.1	7.51	71.0	9.80	78.4	11.1	85.8	12.6	97.2	15.1	99.9	15.2
	21	45.0	6.01	56.1	7.59	71.0	9.98	78.4	11.5	85.8	13.1	96.5	15.4	99.2	15.6
	23	45.0	6.12	56.1	7.77	71.0	10.7	78.4	12.3	85.8	14.0	95.2	16.1	97.8	16.3
	25	45.0	6.31	56.1	8.29	71.0	11.4	78.4	13.1	85.8	15.0	93.8	16.8	96.4	17.0
	27	45.0	6.71	56.1	8.84	71.0	12.2	78.4	14.1	85.8	16.0	92.4	17.6	95.1	17.7
	29	45.0	7.13	56.1	9.41	71.0	13.0	78.4	15.0	85.8	17.1	91.1	18.3	93.7	18.5
	31	45.0	7.57	56.1	10.0	71.0	13.9	78.4	16.0	85.8	18.3	89.7	19.0	92.4	19.2
	33	45.0	8.03	56.1	10.6	71.0	14.8	78.4	17.1	85.6	19.5	88.3	19.7	91.0	19.9
	35	45.0	8.52	56.1	11.3	71.0	15.7	78.4	18.2	84.3	20.2	87.0	20.4	89.6	20.6
	37	45.0	9.03	56.1	12.0	71.0	16.8	78.4	19.4	82.9	20.9	85.6	21.1	88.3	21.4
	39	45.0	9.57	56.1	12.8	71.0	17.8	78.4	20.6	81.5	21.6	84.3	21.9	86.9	22.1
110% (825)	10	41.2	5.03	51.4	6.27	65.1	8.08	71.9	9.03	78.6	10.0	92.0	12.0	105	14.0
	12	41.2	5.11	51.4	6.37	65.1	8.23	71.9	9.19	78.6	10.2	92.0	12.2	104	13.9
	14	41.2	5.19	51.4	6.48	65.1	8.38	71.9	9.37	78.6	10.4	92.0	12.5	102	13.8
	16	41.2	5.28	51.4	6.60	65.1	8.54	71.9	9.55	78.6	10.6	92.0	12.7	101	13.7
	18	41.2	5.36	51.4	6.72	65.1	8.70	71.9	9.73	78.6	10.8	92.0	13.0	99.4	14.4
	20	41.2	5.46	51.4	6.84	65.1	8.87	71.9	9.93	78.6	11.1	92.0	14.0	98.1	15.1
	21	41.2	5.50	51.4	6.91	65.1	8.96	71.9	10.1	78.6	11.5	92.0	14.5	97.4	15.5
	23	41.2	5.60	51.4	7.04	65.1	9.48	71.9	10.9	78.6	12.3	92.0	15.6	96.0	16.2
	25	41.2	5.70	51.4	7.42	65.1	10.1	71.9	11.6	78.6	13.2	92.0	16.7	94.7	16.9
	27	41.2	6.06	51.4	7.90	65.1	10.8	71.9	12.4	78.6	14.1	90.9	17.4	93.3	17.6
	29	41.2	6.43	51.4	8.41	65.1	11.5	71.9	13.2	78.6	15.1	89.5	18.1	91.9	18.3
	31	41.2	6.83	51.4	8.94	65.1	12.3	71.9	14.1	78.6	16.1	88.1	18.9	90.6	19.0
	33	41.2	7.24	51.4	9.50	65.1	13.1	71.9	15.0	78.6	17.1	86.8	19.6	89.2	19.8
	35	41.2	7.67	51.4	10.1	65.1	13.9	71.9	16.0	78.6	18.3	85.4	20.3	87.8	20.5
	37	41.2	8.12	51.4	10.7	65.1	14.8	71.9	17.0	78.6	19.5	84.1	21.0	86.5	21.2
	39	41.2	8.60	51.4	11.4	65.1	15.7	71.9	18.1	78.6	20.7	82.7	21.7	85.1	22.0
100% (750)	10	37.5	4.60	46.7	5.69	59.2	7.28	65.3	8.11	71.5	8.97	83.7	10.7	95.4	12.5
	12	37.5	4.67	46.7	5.78	59.2	7.41	65.3	8.26	71.5	9.14	83.7	10.9	95.4	12.7
	14	37.5	4.74	46.7	5.88	59.2	7.55	65.3	8.41	71.5	9.31	83.7	11.2	95.4	13.0
	16	37.5	4.82	46.7	5.98	59.2	7.68	65.3	8.57	71.5	9.49	83.7	11.4	95.4	13.2
	18	37.5	4.90	46.7	6.08	59.2	7.83	65.3	8.74	71.5	9.67	83.7	11.6	95.4	13.8
	20	37.5	4.98	46.7	6.19	59.2	7.98	65.3	8.91	71.5	9.87	83.7	12.2	95.4	14.8
	21	37.5	5.02	46.7	6.25	59.2	8.06	65.3	9.00	71.5	10.1	83.7	12.6	95.4	15.3
	23	37.5	5.10	46.7	6.36	59.2	8.34	65.3	9.52	71.5	10.8	83.7	13.5	94.2	16.1
	25	37.5	5.19	46.7	6.60	59.2	8.91	65.3	10.2	71.5	11.5	83.7	14.5	92.9	16.8
	27	37.5	5.45	46.7	7.03	59.2	9.50	65.3	10.9	71.5	12.3	83.7	15.5	91.5	17.5
	29	37.5	5.78	46.7	7.47	59.2	10.1	65.3	11.6	71.5	13.1	83.7	16.5	90.1	18.2
	31	37.5	6.12	46.7	7.93	59.2	10.8	65.3	12.3	71.5	14.0	83.7	17.6	88.8	18.9
	33	37.5	6.48	46.7	8.42	59.2	11.5	65.3	13.1	71.5	14.9	83.7	18.8	87.4	19.6
	35	37.5	6.86	46.7	8.93	59.2	12.2	65.3	14.0	71.5	15.9	83.7	20.1	86.1	20.3
	37	37.5	7.26	46.7	9.47	59.2	12.9	65.3	14.9	71.5	16.9	82.5	20.9	84.7	21.1
	39	37.5	7.68	46.7	10.0	59.2	13.8	65.3	15.8	71.5	18.0	81.1	21.6	83.3	21.8
90% (675)	10	33.7	4.19	42.0	5.13	53.3	6.51	58.8	7.23	64.3	7.98	75.3	9.52	85.9	11.1
	12	33.7	4.25	42.0	5.21	53.3	6.62	58.8	7.36	64.3	8.12	75.3	9.69	85.9	11.3
	14	33.7	4.31	42.0	5.29	53.3	6.74	58.8	7.49	64.3	8.27	75.3	9.88	85.9	11.5
	16	33.7	4.38	42.0	5.38	53.3	6.86	58.8	7.63	64.3	8.42	75.3	10.1	85.9	11.7
	18	33.7	4.44	42.0	5.47	53.3	6.98	58.8	7.77	64.3	8.59	75.3	10.3	85.9	11.9
	20	33.7	4.51	42.0	5.56	53.3	7.11	58.8	7.92	64.3	8.75	75.3	10.5	85.9	12.6
	21	33.7	4.55	42.0	5.61	53.3	7.18	58.8	8.00	64.3	8.84	75.3	10.8	85.9	13.1
	23	33.7	4.62	42.0	5.71	53.3	7.32	58.8	8.27	64.3	9.32	75.3	11.6	85.9	14.0
	25	33.7	4.70	42.0	5.83	53.3	7.77	58.8	8.83	64.3	9.96	75.3	12.4	85.9	15.0
	27	33.7	4.87	42.0	6.20	53.3	8.28	58.8	9.41	64.3	10.6	75.3	13.2	85.9	16.1
	29	33.7	5.16	42.0	6.59	53.3	8.81	58.8	10.0	64.3	11.3	75.3	14.1	85.9	17.2
	31	33.7	5.46	42.0	6.99	53.3	9.37	58.8	10.7	64.3	12.1	75.3	15.1	85.9	18.3
	33	33.7	5.78	42.0	7.41	53.3	9.96	58.8	11.4	64.3	12.8	75.3	16.1	85.6	19.5
	35	33.7	6.11	42.0	7.85	53.3	10.6	58.8	12.1	64.3	13.7	75.3	17.1	84.3	20.2
	37	33.7	6.45	42.0	8.32	53.3	11.2	58.8	12.8	64.3	14.5	75.3	18.3	82.9	20.9
	39	33.7	6.82	42.0	8.81	53.3	11.9	58.8	13.6	64.3	15.5	75.3	19.4	81.5	21.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (600)	10	30.0	3.80	37.4	4.59	47.4	5.77	52.3	6.38	57.2	7.02	66.9	8.33	76.3	9.67
	12	30.0	3.85	37.4	4.66	47.4	5.86	52.3	6.49	57.2	7.14	66.9	8.48	76.3	9.85
	14	30.0	3.90	37.4	4.73	47.4	5.96	52.3	6.60	57.2	7.27	66.9	8.64	76.3	10.0
	16	30.0	3.95	37.4	4.81	47.4	6.06	52.3	6.72	57.2	7.40	66.9	8.81	76.3	10.2
	18	30.0	4.01	37.4	4.88	47.4	6.17	52.3	6.84	57.2	7.54	66.9	8.98	76.3	10.4
	20	30.0	4.07	37.4	4.96	47.4	6.28	52.3	6.97	57.2	7.68	66.9	9.15	76.3	10.7
	21	30.0	4.10	37.4	5.00	47.4	6.34	52.3	7.03	57.2	7.75	66.9	9.24	76.3	11.0
	23	30.0	4.16	37.4	5.09	47.4	6.46	52.3	7.17	57.2	7.98	66.9	9.84	76.3	11.8
	25	30.0	4.23	37.4	5.18	47.4	6.71	52.3	7.58	57.2	8.51	66.9	10.5	76.3	12.6
	27	30.0	4.32	37.4	5.43	47.4	7.14	52.3	8.08	57.2	9.07	66.9	11.2	76.3	13.5
	29	30.0	4.57	37.4	5.76	47.4	7.60	52.3	8.59	57.2	9.66	66.9	12.0	76.3	14.4
	31	30.0	4.84	37.4	6.10	47.4	8.07	52.3	9.14	57.2	10.3	66.9	12.7	76.3	15.4
	33	30.0	5.11	37.4	6.47	47.4	8.57	52.3	9.71	57.2	10.9	66.9	13.6	76.3	16.4
	35	30.0	5.40	37.4	6.84	47.4	9.09	52.3	10.3	57.2	11.6	66.9	14.5	76.3	17.5
	37	30.0	5.69	37.4	7.24	47.4	9.64	52.3	10.9	57.2	12.3	66.9	15.4	76.3	18.6
	39	30.0	6.01	37.4	7.66	47.4	10.2	52.3	11.6	57.2	13.1	66.9	16.4	76.3	19.8
70% (525)	10	26.2	3.42	32.7	4.08	41.4	5.06	45.7	5.57	50.0	6.10	58.6	7.20	66.8	8.31
	12	26.2	3.46	32.7	4.14	41.4	5.14	45.7	5.66	50.0	6.20	58.6	7.32	66.8	8.46
	14	26.2	3.50	32.7	4.20	41.4	5.22	45.7	5.75	50.0	6.31	58.6	7.46	66.8	8.62
	16	26.2	3.55	32.7	4.26	41.4	5.30	45.7	5.85	50.0	6.42	58.6	7.59	66.8	8.78
	18	26.2	3.60	32.7	4.32	41.4	5.39	45.7	5.95	50.0	6.53	58.6	7.73	66.8	8.95
	20	26.2	3.65	32.7	4.39	41.4	5.49	45.7	6.06	50.0	6.65	58.6	7.88	66.8	9.13
	21	26.2	3.67	32.7	4.42	41.4	5.53	45.7	6.11	50.0	6.71	58.6	7.96	66.8	9.22
	23	26.2	3.72	32.7	4.50	41.4	5.63	45.7	6.22	50.0	6.84	58.6	8.22	66.8	9.81
	25	26.2	3.78	32.7	4.57	41.4	5.74	45.7	6.44	50.0	7.18	58.6	8.78	66.8	10.5
	27	26.2	3.84	32.7	4.71	41.4	6.10	45.7	6.85	50.0	7.65	58.6	9.36	66.8	11.2
	29	26.2	4.03	32.7	4.99	41.4	6.48	45.7	7.28	50.0	8.13	58.6	9.97	66.8	11.9
	31	26.2	4.25	32.7	5.29	41.4	6.87	45.7	7.73	50.0	8.64	58.6	10.6	66.8	12.7
	33	26.2	4.49	32.7	5.59	41.4	7.28	45.7	8.20	50.0	9.18	58.6	11.3	66.8	13.5
	35	26.2	4.73	32.7	5.91	41.4	7.72	45.7	8.70	50.0	9.75	58.6	12.0	66.8	14.4
	37	26.2	4.99	32.7	6.24	41.4	8.17	45.7	9.22	50.0	10.3	58.6	12.8	66.8	15.3
	39	26.2	5.25	32.7	6.59	41.4	8.65	45.7	9.77	50.0	11.0	58.6	13.5	66.8	16.3
60% (450)	10	22.5	3.06	28.0	3.60	35.5	4.39	39.2	4.80	42.9	5.23	50.2	6.12	57.2	7.02
	12	22.5	3.09	28.0	3.64	35.5	4.45	39.2	4.87	42.9	5.31	50.2	6.22	57.2	7.15
	14	22.5	3.13	28.0	3.69	35.5	4.52	39.2	4.95	42.9	5.40	50.2	6.33	57.2	7.27
	16	22.5	3.17	28.0	3.74	35.5	4.59	39.2	5.03	42.9	5.49	50.2	6.44	57.2	7.41
	18	22.5	3.20	28.0	3.79	35.5	4.66	39.2	5.11	42.9	5.58	50.2	6.55	57.2	7.54
	20	22.5	3.24	28.0	3.85	35.5	4.73	39.2	5.20	42.9	5.68	50.2	6.67	57.2	7.69
	21	22.5	3.26	28.0	3.88	35.5	4.77	39.2	5.24	42.9	5.73	50.2	6.74	57.2	7.76
	23	22.5	3.31	28.0	3.93	35.5	4.85	39.2	5.33	42.9	5.83	50.2	6.86	57.2	7.98
	25	22.5	3.35	28.0	3.99	35.5	4.93	39.2	5.43	42.9	5.97	50.2	7.21	57.2	8.52
	27	22.5	3.40	28.0	4.06	35.5	5.14	39.2	5.73	42.9	6.35	50.2	7.68	57.2	9.08
	29	22.5	3.52	28.0	4.29	35.5	5.45	39.2	6.08	42.9	6.74	50.2	8.16	57.2	9.67
	31	22.5	3.71	28.0	4.53	35.5	5.77	39.2	6.44	42.9	7.15	50.2	8.68	57.2	10.3
	33	22.5	3.91	28.0	4.78	35.5	6.11	39.2	6.83	42.9	7.59	50.2	9.22	57.2	10.9
	35	22.5	4.12	28.0	5.05	35.5	6.46	39.2	7.23	42.9	8.04	50.2	9.78	57.2	11.6
	37	22.5	4.33	28.0	5.32	35.5	6.83	39.2	7.65	42.9	8.52	50.2	10.4	57.2	12.4
	39	22.5	4.56	28.0	5.61	35.5	7.22	39.2	8.10	42.9	9.02	50.2	11.0	57.2	13.1
50% (375)	10	18.7	2.72	23.4	3.14	29.6	3.76	32.7	4.08	35.7	4.41	41.8	5.10	47.7	5.81
	12	18.7	2.75	23.4	3.18	29.6	3.81	32.7	4.14	35.7	4.48	41.8	5.18	47.7	5.90
	14	18.7	2.77	23.4	3.21	29.6	3.86	32.7	4.19	35.7	4.54	41.8	5.27	47.7	6.00
	16	18.7	2.80	23.4	3.25	29.6	3.91	32.7	4.26	35.7	4.61	41.8	5.35	47.7	6.11
	18	18.7	2.83	23.4	3.29	29.6	3.97	32.7	4.32	35.7	4.69	41.8	5.44	47.7	6.21
	20	18.7	2.86	23.4	3.34	29.6	4.03	32.7	4.39	35.7	4.76	41.8	5.54	47.7	6.33
	21	18.7	2.88	23.4	3.36	29.6	4.06	32.7	4.42	35.7	4.80	41.8	5.58	47.7	6.38
	23	18.7	2.91	23.4	3.40	29.6	4.12	32.7	4.49	35.7	4.88	41.8	5.68	47.7	6.50
	25	18.7	2.95	23.4	3.45	29.6	4.18	32.7	4.57	35.7	4.96	41.8	5.80	47.7	6.77
	27	18.7	2.98	23.4	3.50	29.6	4.27	32.7	4.71	35.7	5.18	41.8	6.16	47.7	7.21
	29	18.7	3.05	23.4	3.64	29.6	4.52	32.7	4.99	35.7	5.49	41.8	6.55	47.7	7.66
	31	18.7	3.21	23.4	3.84	29.6	4.78	32.7	5.28	35.7	5.81	41.8	6.95	47.7	8.14
	33	18.7	3.38	23.4	4.04	29.6	5.05	32.7	5.58	35.7	6.15	41.8	7.36	47.7	8.64
	35	18.7	3.55	23.4	4.26	29.6	5.33	32.7	5.90	35.7	6.51	41.8	7.80	47.7	9.17
	37	18.7	3.73	23.4	4.48	29.6	5.62	32.7	6.23	35.7	6.88	41.8	8.26	47.7	9.72
	39	18.7	3.91	23.4	4.71	29.6	5.93	32.7	6.58	35.7	7.27	41.8	8.75	47.7	10.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ32THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1040)	10	51.9	6.40	64.7	8.08	82.0	10.5	90.5	11.8	99.0	13.1	113	14.9	116	14.2
	12	51.9	6.51	64.7	8.23	82.0	10.7	90.5	12.0	99.0	13.3	111	14.8	114	14.2
	14	51.9	6.62	64.7	8.37	82.0	10.9	90.5	12.2	99.0	13.6	110	14.7	113	14.2
	16	51.9	6.74	64.7	8.53	82.0	11.1	90.5	12.5	99.0	13.9	108	14.9	111	15.0
	18	51.9	6.86	64.7	8.69	82.0	11.4	90.5	12.7	99.0	14.3	107	15.6	110	15.8
	20	51.9	6.98	64.7	8.86	82.0	11.6	90.5	13.4	99.0	15.3	105	16.4	108	16.6
	21	51.9	7.04	64.7	8.95	82.0	12.1	90.5	13.9	99.0	15.9	105	16.8	108	16.9
	23	51.9	7.18	64.7	9.31	82.0	12.9	90.5	14.9	99.0	17.0	103	17.5	106	17.7
	25	51.9	7.50	64.7	9.94	82.0	13.8	90.5	16.0	98.5	18.1	102	18.3	105	18.5
	27	51.9	7.98	64.7	10.6	82.0	14.8	90.5	17.1	97.0	18.8	100	19.1	103	19.3
	29	51.9	8.49	64.7	11.3	82.0	15.8	90.5	18.2	95.6	19.6	98.7	19.8	102	20.1
	31	51.9	9.02	64.7	12.0	82.0	16.8	90.5	19.5	94.1	20.4	97.3	20.6	100	20.9
	33	51.9	9.58	64.7	12.8	82.0	17.9	90.5	20.8	92.7	21.1	95.8	21.4	98.9	21.7
	35	51.9	10.2	64.7	13.6	82.0	19.1	89.6	21.8	91.2	21.9	94.4	22.2	97.4	22.5
	37	51.9	10.8	64.7	14.5	82.0	20.4	88.2	22.5	89.7	22.7	92.9	23.0	95.9	23.3
	39	51.9	11.4	64.7	15.4	82.0	21.7	86.7	23.3	88.3	23.5	91.4	23.8	94.5	24.1
120% (960)	10	47.9	5.91	59.7	7.41	75.7	9.62	83.5	10.8	91.4	11.9	107	14.3	114	14.7
	12	47.9	6.01	59.7	7.54	75.7	9.80	83.5	11.0	91.4	12.2	107	14.6	112	14.6
	14	47.9	6.10	59.7	7.68	75.7	9.98	83.5	11.2	91.4	12.4	107	14.9	111	14.5
	16	47.9	6.21	59.7	7.82	75.7	10.2	83.5	11.4	91.4	12.6	107	15.0	109	14.9
	18	47.9	6.31	59.7	7.96	75.7	10.4	83.5	11.6	91.4	12.9	105	15.5	108	15.7
	20	47.9	6.43	59.7	8.11	75.7	10.6	83.5	12.0	91.4	13.6	104	16.3	106	16.4
	21	47.9	6.48	59.7	8.19	75.7	10.8	83.5	12.4	91.4	14.1	103	16.7	106	16.8
	23	47.9	6.60	59.7	8.39	75.7	11.5	83.5	13.3	91.4	15.1	101	17.4	104	17.6
	25	47.9	6.81	59.7	8.95	75.7	12.3	83.5	14.2	91.4	16.2	100	18.2	103	18.4
	27	47.9	7.24	59.7	9.54	75.7	13.2	83.5	15.2	91.4	17.3	98.5	18.9	101	19.1
	29	47.9	7.70	59.7	10.2	75.7	14.0	83.5	16.2	91.4	18.5	97.0	19.7	99.9	19.9
	31	47.9	8.17	59.7	10.8	75.7	15.0	83.5	17.3	91.4	19.8	95.6	20.5	98.4	20.7
	33	47.9	8.67	59.7	11.5	75.7	16.0	83.5	18.4	91.2	21.0	94.1	21.3	97.0	21.5
	35	47.9	9.19	59.7	12.2	75.7	17.0	83.5	19.6	89.8	21.8	92.7	22.0	95.5	22.3
	37	47.9	9.75	59.7	13.0	75.7	18.1	83.5	20.9	88.3	22.5	91.2	22.8	94.0	23.1
	39	47.9	10.3	59.7	13.8	75.7	19.3	83.5	22.3	86.9	23.3	89.8	23.6	92.6	23.9
110% (880)	10	43.9	5.43	54.8	6.77	69.4	8.73	76.6	9.74	83.8	10.8	98.0	12.9	112	15.1
	12	43.9	5.52	54.8	6.88	69.4	8.88	76.6	9.92	83.8	11.0	98.0	13.2	110	15.0
	14	43.9	5.60	54.8	7.00	69.4	9.05	76.6	10.1	83.8	11.2	98.0	13.4	109	14.9
	16	43.9	5.70	54.8	7.12	69.4	9.22	76.6	10.3	83.8	11.4	98.0	13.7	107	14.8
	18	43.9	5.79	54.8	7.25	69.4	9.40	76.6	10.5	83.8	11.6	98.0	14.1	106	15.6
	20	43.9	5.89	54.8	7.39	69.4	9.58	76.6	10.7	83.8	12.0	98.0	15.1	105	16.3
	21	43.9	5.94	54.8	7.45	69.4	9.67	76.6	10.9	83.8	12.4	98.0	15.7	104	16.7
	23	43.9	6.05	54.8	7.60	69.4	10.2	76.6	11.7	83.8	13.3	98.0	16.8	102	17.5
	25	43.9	6.16	54.8	8.01	69.4	10.9	76.6	12.5	83.8	14.3	98.0	18.0	101	18.2
	27	43.9	6.54	54.8	8.53	69.4	11.7	76.6	13.4	83.8	15.2	96.8	18.8	99.4	19.0
	29	43.9	6.95	54.8	9.08	69.4	12.4	76.6	14.3	83.8	16.3	95.4	19.6	98.0	19.8
	31	43.9	7.37	54.8	9.65	69.4	13.2	76.6	15.2	83.8	17.4	93.9	20.4	96.5	20.6
	33	43.9	7.81	54.8	10.3	69.4	14.1	76.6	16.2	83.8	18.5	92.5	21.1	95.0	21.3
	35	43.9	8.28	54.8	10.9	69.4	15.0	76.6	17.3	83.8	19.7	91.0	21.9	93.6	22.1
	37	43.9	8.76	54.8	11.6	69.4	16.0	76.6	18.4	83.8	21.0	89.6	22.7	92.1	22.9
	39	43.9	9.28	54.8	12.3	69.4	17.0	76.6	19.6	83.8	22.4	88.1	23.4	90.7	23.7
100% (800)	10	39.9	4.97	49.8	6.14	63.1	7.86	69.6	8.76	76.2	9.69	89.1	11.6	102	13.5
	12	39.9	5.04	49.8	6.24	63.1	8.00	69.6	8.92	76.2	9.86	89.1	11.8	102	13.8
	14	39.9	5.12	49.8	6.34	63.1	8.14	69.6	9.08	76.2	10.0	89.1	12.0	102	14.0
	16	39.9	5.20	49.8	6.45	63.1	8.29	69.6	9.25	76.2	10.2	89.1	12.3	102	14.3
	18	39.9	5.28	49.8	6.57	63.1	8.45	69.6	9.43	76.2	10.4	89.1	12.5	102	14.8
	20	39.9	5.37	49.8	6.68	63.1	8.61	69.6	9.61	76.2	10.6	89.1	13.1	102	16.0
	21	39.9	5.42	49.8	6.74	63.1	8.70	69.6	9.71	76.2	10.9	89.1	13.6	102	16.5
	23	39.9	5.51	49.8	6.87	63.1	9.01	69.6	10.3	76.2	11.6	89.1	14.6	100	17.4
	25	39.9	5.60	49.8	7.13	63.1	9.61	69.6	11.0	76.2	12.4	89.1	15.6	99.0	18.1
	27	39.9	5.88	49.8	7.58	63.1	10.3	69.6	11.7	76.2	13.3	89.1	16.7	97.5	18.9
	29	39.9	6.24	49.8	8.06	63.1	10.9	69.6	12.5	76.2	14.2	89.1	17.8	96.1	19.6
	31	39.9	6.61	49.8	8.56	63.1	11.6	69.6	13.3	76.2	15.1	89.1	19.0	94.6	20.4
	33	39.9	7.00	49.8	9.09	63.1	12.4	69.6	14.2	76.2	16.1	89.1	20.3	93.1	21.2
	35	39.9	7.41	49.8	9.64	63.1	13.1	69.6	15.1	76.2	17.1	89.1	21.6	91.7	21.9
	37	39.9	7.84	49.8	10.2	63.1	14.0	69.6	16.0	76.2	18.3	87.9	22.5	90.2	22.7
	39	39.9	8.29	49.8	10.8	63.1	14.8	69.6	17.1	76.2	19.4	86.4	23.3	88.8	23.5
90% (720)	10	35.9	4.52	44.8	5.54	56.8	7.03	62.7	7.80	68.6	8.61	80.2	10.3	91.5	11.9
	12	35.9	4.59	44.8	5.62	56.8	7.15	62.7	7.94	68.6	8.76	80.2	10.5	91.5	12.2
	14	35.9	4.66	44.8	5.71	56.8	7.27	62.7	8.08	68.6	8.93	80.2	10.7	91.5	12.4
	16	35.9	4.72	44.8	5.81	56.8	7.40	62.7	8.23	68.6	9.09	80.2	10.9	91.5	12.6
	18	35.9	4.80	44.8	5.90	56.8	7.54	62.7	8.39	68.6	9.27	80.2	11.1	91.5	12.9
	20	35.9	4.87	44.8	6.01	56.8	7.68	62.7	8.55	68.6	9.45	80.2	11.3	91.5	13.6
	21	35.9	4.91	44.8	6.06	56.8	7.75	62.7	8.63	68.6	9.54	80.2	11.7	91.5	14.1
	23	35.9	4.99	44.8	6.17	56.8	7.90	62.7	8.93	68.6	10.1	80.2	12.5	91.5	15.1
	25	35.9	5.07	44.8	6.30	56.8	8.39	62.7	9.53	68.6	10.7	80.2	13.4	91.5	16.2
	27	35.9	5.25	44.8	6.69	56.8	8.93	62.7	10.2	68.6	11.5	80.2	14.3	91.5	17.3
	29	35.9	5.57	44.8	7.11	56.8	9.51	62.7	10.8	68.6	12.2	80.2	15.3	91.5	18.5
	31	35.9	5.89	44.8	7.54	56.8	10.1	62.7	11.5	68.6	13.0	80.2	16.3	91.5	19.8
	33	35.9	6.23	44.8	8.00	56.8	10.7	62.7	12.3	68.6	13.9	80.2	17.4	91.2	21.0
	35	35.9	6.59	44.8	8.47	56.8	11.4	62.7	13.0	68.6	14.8	80.2	18.5	89.8	21.8
	37	35.9	6.96	44.8	8.98	56.8	12.1	62.7	13.8	68.6	15.7	80.2	19.7	88.3	22.5
	39	35.9	7.36	44.8	9.50	56.8	12.9	62.7	14.7	68.6	16.7	80.2	21.0	86.9	23.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (640)	10	31.9	4.10	39.8	4.96	50.5	6.22	55.7	6.89	60.9	7.57	71.3	8.99	81.3	10.4
	12	31.9	4.15	39.8	5.03	50.5	6.33	55.7	7.00	60.9	7.71	71.3	9.16	81.3	10.6
	14	31.9	4.21	39.8	5.11	50.5	6.43	55.7	7.13	60.9	7.84	71.3	9.33	81.3	10.8
	16	31.9	4.27	39.8	5.19	50.5	6.54	55.7	7.25	60.9	7.99	71.3	9.50	81.3	11.0
	18	31.9	4.33	39.8	5.27	50.5	6.66	55.7	7.38	60.9	8.14	71.3	9.69	81.3	11.3
	20	31.9	4.39	39.8	5.36	50.5	6.78	55.7	7.52	60.9	8.29	71.3	9.88	81.3	11.5
	21	31.9	4.43	39.8	5.40	50.5	6.84	55.7	7.59	60.9	8.37	71.3	9.98	81.3	11.9
	23	31.9	4.49	39.8	5.49	50.5	6.97	55.7	7.74	60.9	8.61	71.3	10.6	81.3	12.8
	25	31.9	4.56	39.8	5.59	50.5	7.25	55.7	8.19	60.9	9.19	71.3	11.3	81.3	13.6
	27	31.9	4.67	39.8	5.86	50.5	7.71	55.7	8.72	60.9	9.79	71.3	12.1	81.3	14.6
	29	31.9	4.94	39.8	6.22	50.5	8.20	55.7	9.28	60.9	10.4	71.3	12.9	81.3	15.6
	31	31.9	5.22	39.8	6.59	50.5	8.71	55.7	9.86	60.9	11.1	71.3	13.8	81.3	16.6
	33	31.9	5.52	39.8	6.98	50.5	9.25	55.7	10.5	60.9	11.8	71.3	14.7	81.3	17.7
	35	31.9	5.82	39.8	7.39	50.5	9.81	55.7	11.1	60.9	12.5	71.3	15.6	81.3	18.9
	37	31.9	6.15	39.8	7.81	50.5	10.4	55.7	11.8	60.9	13.3	71.3	16.6	81.3	20.1
	39	31.9	6.48	39.8	8.26	50.5	11.0	55.7	12.5	60.9	14.2	71.3	17.7	81.3	21.4
70% (560)	10	27.9	3.69	34.8	4.41	44.2	5.46	48.7	6.01	53.3	6.58	62.4	7.77	71.2	8.97
	12	27.9	3.74	34.8	4.47	44.2	5.55	48.7	6.11	53.3	6.69	62.4	7.91	71.2	9.14
	14	27.9	3.78	34.8	4.53	44.2	5.63	48.7	6.21	53.3	6.81	62.4	8.05	71.2	9.31
	16	27.9	3.83	34.8	4.60	44.2	5.73	48.7	6.31	53.3	6.93	62.4	8.20	71.2	9.48
	18	27.9	3.88	34.8	4.67	44.2	5.82	48.7	6.42	53.3	7.05	62.4	8.35	71.2	9.66
	20	27.9	3.94	34.8	4.74	44.2	5.92	48.7	6.54	53.3	7.18	62.4	8.51	71.2	9.86
	21	27.9	3.96	34.8	4.78	44.2	5.97	48.7	6.60	53.3	7.25	62.4	8.59	71.2	9.95
	23	27.9	4.02	34.8	4.85	44.2	6.08	48.7	6.72	53.3	7.38	62.4	8.88	71.2	10.6
	25	27.9	4.08	34.8	4.93	44.2	6.19	48.7	6.95	53.3	7.75	62.4	9.48	71.2	11.3
	27	27.9	4.14	34.8	5.09	44.2	6.58	48.7	7.39	53.3	8.25	62.4	10.1	71.2	12.1
	29	27.9	4.35	34.8	5.39	44.2	6.99	48.7	7.86	53.3	8.78	62.4	10.8	71.2	12.9
	31	27.9	4.59	34.8	5.71	44.2	7.42	48.7	8.34	53.3	9.33	62.4	11.5	71.2	13.7
	33	27.9	4.85	34.8	6.03	44.2	7.86	48.7	8.85	53.3	9.91	62.4	12.2	71.2	14.6
	35	27.9	5.11	34.8	6.38	44.2	8.33	48.7	9.39	53.3	10.5	62.4	13.0	71.2	15.6
	37	27.9	5.38	34.8	6.74	44.2	8.82	48.7	9.95	53.3	11.2	62.4	13.8	71.2	16.5
	39	27.9	5.67	34.8	7.11	44.2	9.34	48.7	10.5	53.3	11.8	62.4	14.6	71.2	17.6
60% (480)	10	24.0	3.30	29.9	3.88	37.8	4.74	41.8	5.18	45.7	5.64	53.5	6.60	61.0	7.58
	12	24.0	3.34	29.9	3.93	37.8	4.81	41.8	5.26	45.7	5.73	53.5	6.71	61.0	7.71
	14	24.0	3.38	29.9	3.99	37.8	4.88	41.8	5.34	45.7	5.83	53.5	6.83	61.0	7.85
	16	24.0	3.42	29.9	4.04	37.8	4.95	41.8	5.43	45.7	5.92	53.5	6.95	61.0	7.99
	18	24.0	3.46	29.9	4.09	37.8	5.03	41.8	5.52	45.7	6.02	53.5	7.07	61.0	8.14
	20	24.0	3.50	29.9	4.15	37.8	5.11	41.8	5.61	45.7	6.13	53.5	7.20	61.0	8.30
	21	24.0	3.52	29.9	4.18	37.8	5.15	41.8	5.66	45.7	6.18	53.5	7.27	61.0	8.38
	23	24.0	3.57	29.9	4.24	37.8	5.24	41.8	5.75	45.7	6.29	53.5	7.41	61.0	8.62
	25	24.0	3.62	29.9	4.31	37.8	5.33	41.8	5.86	45.7	6.44	53.5	7.78	61.0	9.20
	27	24.0	3.67	29.9	4.38	37.8	5.55	41.8	6.18	45.7	6.85	53.5	8.28	61.0	9.80
	29	24.0	3.80	29.9	4.63	37.8	5.88	41.8	6.56	45.7	7.28	53.5	8.81	61.0	10.4
	31	24.0	4.01	29.9	4.89	37.8	6.23	41.8	6.95	45.7	7.72	53.5	9.37	61.0	11.1
	33	24.0	4.22	29.9	5.16	37.8	6.60	41.8	7.37	45.7	8.19	53.5	9.95	61.0	11.8
	35	24.0	4.44	29.9	5.45	37.8	6.98	41.8	7.80	45.7	8.68	53.5	10.6	61.0	12.6
	37	24.0	4.68	29.9	5.74	37.8	7.38	41.8	8.26	45.7	9.20	53.5	11.2	61.0	13.3
	39	24.0	4.92	29.9	6.06	37.8	7.80	41.8	8.74	45.7	9.74	53.5	11.9	61.0	14.2
50% (400)	10	20.0	2.93	24.9	3.39	31.5	4.06	34.8	4.40	38.1	4.76	44.6	5.51	50.8	6.27
	12	20.0	2.96	24.9	3.43	31.5	4.11	34.8	4.46	38.1	4.83	44.6	5.60	50.8	6.37
	14	20.0	2.99	24.9	3.47	31.5	4.17	34.8	4.53	38.1	4.90	44.6	5.68	50.8	6.48
	16	20.0	3.02	24.9	3.51	31.5	4.22	34.8	4.59	38.1	4.98	44.6	5.78	50.8	6.59
	18	20.0	3.06	24.9	3.56	31.5	4.28	34.8	4.66	38.1	5.06	44.6	5.87	50.8	6.71
	20	20.0	3.09	24.9	3.60	31.5	4.35	34.8	4.73	38.1	5.14	44.6	5.98	50.8	6.83
	21	20.0	3.11	24.9	3.62	31.5	4.38	34.8	4.77	38.1	5.18	44.6	6.03	50.8	6.89
	23	20.0	3.14	24.9	3.67	31.5	4.45	34.8	4.85	38.1	5.27	44.6	6.14	50.8	7.02
	25	20.0	3.18	24.9	3.72	31.5	4.52	34.8	4.93	38.1	5.36	44.6	6.26	50.8	7.31
	27	20.0	3.22	24.9	3.78	31.5	4.61	34.8	5.08	38.1	5.59	44.6	6.65	50.8	7.78
	29	20.0	3.29	24.9	3.93	31.5	4.88	34.8	5.39	38.1	5.92	44.6	7.07	50.8	8.27
	31	20.0	3.47	24.9	4.14	31.5	5.16	34.8	5.70	38.1	6.27	44.6	7.50	50.8	8.79
	33	20.0	3.65	24.9	4.36	31.5	5.45	34.8	6.03	38.1	6.64	44.6	7.95	50.8	9.33
	35	20.0	3.83	24.9	4.60	31.5	5.75	34.8	6.37	38.1	7.03	44.6	8.42	50.8	9.90
	37	20.0	4.02	24.9	4.84	31.5	6.07	34.8	6.73	38.1	7.43	44.6	8.92	50.8	10.5
	39	20.0	4.22	24.9	5.09	31.5	6.40	34.8	7.11	38.1	7.85	44.6	9.44	50.8	11.1

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ34THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1105)	10	55.7	6.87	69.4	8.67	88.0	11.3	97.1	12.7	106	14.0	121	16.0	124	15.3
	12	55.7	6.98	69.4	8.82	88.0	11.5	97.1	12.9	106	14.3	119	15.9	122	15.2
	14	55.7	7.10	69.4	8.98	88.0	11.7	97.1	13.1	106	14.6	118	15.8	121	15.3
	16	55.7	7.23	69.4	9.15	88.0	12.0	97.1	13.4	106	14.9	116	15.9	119	16.1
	18	55.7	7.35	69.4	9.32	88.0	12.2	97.1	13.7	106	15.3	114	16.8	118	16.9
	20	55.7	7.49	69.4	9.50	88.0	12.5	97.1	14.4	106	16.5	113	17.6	116	17.8
	21	55.7	7.56	69.4	9.60	88.0	12.9	97.1	14.9	106	17.1	112	18.0	115	18.2
	23	55.7	7.70	69.4	9.99	88.0	13.9	97.1	16.0	106	18.3	111	18.8	114	19.0
	25	55.7	8.05	69.4	10.7	88.0	14.8	97.1	17.1	106	19.4	109	19.6	112	19.8
	27	55.7	8.56	69.4	11.4	88.0	15.8	97.1	18.3	104	20.2	107	20.5	111	20.7
	29	55.7	9.11	69.4	12.1	88.0	16.9	97.1	19.6	103	21.0	106	21.3	109	21.5
	31	55.7	9.68	69.4	12.9	88.0	18.0	97.1	20.9	101	21.9	104	22.1	108	22.4
	33	55.7	10.3	69.4	13.7	88.0	19.2	97.1	22.3	99.4	22.7	103	23.0	106	23.2
	35	55.7	10.9	69.4	14.6	88.0	20.5	96.1	23.4	97.8	23.5	101	23.8	104	24.1
	37	55.7	11.6	69.4	15.5	88.0	21.8	94.6	24.2	96.3	24.3	99.7	24.6	103	25.0
	39	55.7	12.3	69.4	16.5	88.0	23.3	93.0	25.0	94.7	25.2	98.1	25.5	101	25.8
120% (1020)	10	51.4	6.34	64.1	7.95	81.2	10.3	89.6	11.5	98.0	12.8	115	15.4	122	15.7
	12	51.4	6.44	64.1	8.09	81.2	10.5	89.6	11.8	98.0	13.0	115	15.6	120	15.6
	14	51.4	6.55	64.1	8.24	81.2	10.7	89.6	12.0	98.0	13.3	115	15.9	119	15.5
	16	51.4	6.66	64.1	8.39	81.2	10.9	89.6	12.2	98.0	13.6	114	16.1	117	16.0
	18	51.4	6.77	64.1	8.54	81.2	11.1	89.6	12.5	98.0	13.8	113	16.7	116	16.8
	20	51.4	6.89	64.1	8.70	81.2	11.3	89.6	12.8	98.0	14.6	111	17.5	114	17.6
	21	51.4	6.96	64.1	8.79	81.2	11.6	89.6	13.3	98.0	15.1	110	17.9	113	18.1
	23	51.4	7.08	64.1	9.00	81.2	12.4	89.6	14.2	98.0	16.2	109	18.7	112	18.9
	25	51.4	7.31	64.1	9.60	81.2	13.2	89.6	15.2	98.0	17.4	107	19.5	110	19.7
	27	51.4	7.77	64.1	10.2	81.2	14.1	89.6	16.3	98.0	18.6	106	20.3	109	20.5
	29	51.4	8.26	64.1	10.9	81.2	15.1	89.6	17.4	98.0	19.9	104	21.2	107	21.4
	31	51.4	8.77	64.1	11.6	81.2	16.1	89.6	18.5	98.0	21.2	103	22.0	106	22.2
	33	51.4	9.30	64.1	12.3	81.2	17.1	89.6	19.8	97.9	22.5	101	22.8	104	23.1
	35	51.4	9.86	64.1	13.1	81.2	18.2	89.6	21.1	96.3	23.4	99.4	23.6	102	23.9
	37	51.4	10.5	64.1	13.9	81.2	19.4	89.6	22.5	94.7	24.2	97.9	24.5	101	24.8
	39	51.4	11.1	64.1	14.8	81.2	20.7	89.6	23.9	93.2	25.0	96.3	25.3	99.3	25.6
110% (935)	10	47.1	5.83	58.7	7.26	74.4	9.36	82.1	10.5	89.9	11.6	105	13.9	120	16.2
	12	47.1	5.92	58.7	7.38	74.4	9.53	82.1	10.6	89.9	11.8	105	14.1	118	16.1
	14	47.1	6.01	58.7	7.51	74.4	9.71	82.1	10.8	89.9	12.0	105	14.4	117	16.0
	16	47.1	6.11	58.7	7.64	74.4	9.89	82.1	11.1	89.9	12.3	105	14.7	115	15.9
	18	47.1	6.21	58.7	7.78	74.4	10.1	82.1	11.3	89.9	12.5	105	15.1	114	16.7
	20	47.1	6.32	58.7	7.92	74.4	10.3	82.1	11.5	89.9	12.9	105	16.2	112	17.5
	21	47.1	6.37	58.7	8.00	74.4	10.4	82.1	11.7	89.9	13.3	105	16.8	111	17.9
	23	47.1	6.49	58.7	8.15	74.4	11.0	82.1	12.6	89.9	14.3	105	18.0	110	18.8
	25	47.1	6.60	58.7	8.60	74.4	11.7	82.1	13.4	89.9	15.3	105	19.3	108	19.6
	27	47.1	7.02	58.7	9.15	74.4	12.5	82.1	14.4	89.9	16.3	104	20.2	107	20.4
	29	47.1	7.45	58.7	9.74	74.4	13.3	82.1	15.3	89.9	17.4	102	21.0	105	21.2
	31	47.1	7.91	58.7	10.4	74.4	14.2	82.1	16.3	89.9	18.6	101	21.8	104	22.1
	33	47.1	8.38	58.7	11.0	74.4	15.1	82.1	17.4	89.9	19.9	99.2	22.7	102	22.9
	35	47.1	8.88	58.7	11.7	74.4	16.1	82.1	18.5	89.9	21.2	97.6	23.5	100	23.7
	37	47.1	9.40	58.7	12.4	74.4	17.1	82.1	19.7	89.9	22.6	96.1	24.3	98.8	24.6
	39	47.1	9.95	58.7	13.2	74.4	18.2	82.1	21.0	89.9	24.0	94.5	25.1	97.3	25.4
100% (850)	10	42.8	5.33	53.4	6.59	67.7	8.43	74.7	9.40	81.7	10.4	95.6	12.4	109	14.5
	12	42.8	5.41	53.4	6.69	67.7	8.58	74.7	9.57	81.7	10.6	95.6	12.7	109	14.8
	14	42.8	5.49	53.4	6.81	67.7	8.74	74.7	9.74	81.7	10.8	95.6	12.9	109	15.0
	16	42.8	5.58	53.4	6.92	67.7	8.90	74.7	9.93	81.7	11.0	95.6	13.2	109	15.3
	18	42.8	5.67	53.4	7.04	67.7	9.07	74.7	10.1	81.7	11.2	95.6	13.4	109	15.9
	20	42.8	5.76	53.4	7.17	67.7	9.24	74.7	10.3	81.7	11.4	95.6	14.1	109	17.1
	21	42.8	5.81	53.4	7.24	67.7	9.33	74.7	10.4	81.7	11.7	95.6	14.6	109	17.7
	23	42.8	5.91	53.4	7.37	67.7	9.66	74.7	11.0	81.7	12.5	95.6	15.6	108	18.6
	25	42.8	6.01	53.4	7.65	67.7	10.3	74.7	11.8	81.7	13.3	95.6	16.7	106	19.4
	27	42.8	6.31	53.4	8.14	67.7	11.0	74.7	12.6	81.7	14.2	95.6	17.9	105	20.3
	29	42.8	6.69	53.4	8.65	67.7	11.7	74.7	13.4	81.7	15.2	95.6	19.1	103	21.1
	31	42.8	7.09	53.4	9.19	67.7	12.5	74.7	14.3	81.7	16.2	95.6	20.4	101	21.9
	33	42.8	7.51	53.4	9.75	67.7	13.3	74.7	15.2	81.7	17.3	95.6	21.8	99.9	22.7
	35	42.8	7.95	53.4	10.3	67.7	14.1	74.7	16.2	81.7	18.4	95.6	23.2	98.4	23.5
	37	42.8	8.41	53.4	11.0	67.7	15.0	74.7	17.2	81.7	19.6	94.3	24.1	96.8	24.4
	39	42.8	8.89	53.4	11.6	67.7	15.9	74.7	18.3	81.7	20.8	92.7	25.0	95.2	25.2
90% (765)	10	38.5	4.85	48.1	5.94	60.9	7.54	67.2	8.37	73.5	9.24	86.1	11.0	98.1	12.8
	12	38.5	4.92	48.1	6.03	60.9	7.67	67.2	8.52	73.5	9.40	86.1	11.2	98.1	13.1
	14	38.5	4.99	48.1	6.13	60.9	7.80	67.2	8.67	73.5	9.58	86.1	11.4	98.1	13.3
	16	38.5	5.07	48.1	6.23	60.9	7.94	67.2	8.83	73.5	9.76	86.1	11.7	98.1	13.6
	18	38.5	5.15	48.1	6.34	60.9	8.09	67.2	9.00	73.5	9.94	86.1	11.9	98.1	13.8
	20	38.5	5.23	48.1	6.44	60.9	8.24	67.2	9.17	73.5	10.1	86.1	12.1	98.1	14.6
	21	38.5	5.27	48.1	6.50	60.9	8.32	67.2	9.26	73.5	10.2	86.1	12.5	98.1	15.2
	23	38.5	5.35	48.1	6.62	60.9	8.48	67.2	9.58	73.5	10.8	86.1	13.4	98.1	16.2
	25	38.5	5.44	48.1	6.76	60.9	9.00	67.2	10.2	73.5	11.5	86.1	14.4	98.1	17.4
	27	38.5	5.64	48.1	7.18	60.9	9.59	67.2	10.9	73.5	12.3	86.1	15.3	98.1	18.6
	29	38.5	5.97	48.1	7.63	60.9	10.2	67.2	11.6	73.5	13.1	86.1	16.4	98.1	19.9
	31	38.5	6.32	48.1	8.09	60.9	10.8	67.2	12.4	73.5	14.0	86.1	17.5	98.1	21.2
	33	38.5	6.69	48.1	8.58	60.9	11.5	67.2	13.1	73.5	14.9	86.1	18.6	97.9	22.5
	35	38.5	7.07	48.1	9.09	60.9	12.2	67.2	14.0	73.5	15.8	86.1	19.8	96.3	23.4
	37	38.5	7.47	48.1	9.63	60.9	13.0	67.2	14.9	73.5	16.8	86.1	21.1	94.8	24.2
	39	38.5	7.89	48.1	10.2	60.9	13.8	67.2	15.8	73.5	17.9	86.1	22.5	93.2	25.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (680)	10	34.3	4.40	42.7	5.32	54.1	6.68	59.7	7.39	65.4	8.13	76.5	9.65	87.2	11.2
	12	34.3	4.46	42.7	5.40	54.1	6.79	59.7	7.51	65.4	8.27	76.5	9.83	87.2	11.4
	14	34.3	4.52	42.7	5.48	54.1	6.90	59.7	7.64	65.4	8.42	76.5	10.0	87.2	11.6
	16	34.3	4.58	42.7	5.57	54.1	7.02	59.7	7.78	65.4	8.57	76.5	10.2	87.2	11.8
	18	34.3	4.64	42.7	5.66	54.1	7.14	59.7	7.92	65.4	8.73	76.5	10.4	87.2	12.1
	20	34.3	4.71	42.7	5.75	54.1	7.27	59.7	8.07	65.4	8.89	76.5	10.6	87.2	12.3
	21	34.3	4.75	42.7	5.80	54.1	7.34	59.7	8.14	65.4	8.98	76.5	10.7	87.2	12.8
	23	34.3	4.82	42.7	5.89	54.1	7.48	59.7	8.30	65.4	9.24	76.5	11.4	87.2	13.7
	25	34.3	4.90	42.7	6.00	54.1	7.78	59.7	8.78	65.4	9.86	76.5	12.2	87.2	14.6
	27	34.3	5.01	42.7	6.29	54.1	8.27	59.7	9.35	65.4	10.5	76.5	13.0	87.2	15.6
	29	34.3	5.30	42.7	6.67	54.1	8.80	59.7	9.95	65.4	11.2	76.5	13.9	87.2	16.7
	31	34.3	5.60	42.7	7.07	54.1	9.34	59.7	10.6	65.4	11.9	76.5	14.8	87.2	17.8
	33	34.3	5.92	42.7	7.49	54.1	9.92	59.7	11.2	65.4	12.7	76.5	15.7	87.2	19.0
	35	34.3	6.25	42.7	7.92	54.1	10.5	59.7	11.9	65.4	13.5	76.5	16.7	87.2	20.2
	37	34.3	6.60	42.7	8.38	54.1	11.2	59.7	12.7	65.4	14.3	76.5	17.8	87.2	21.6
	39	34.3	6.96	42.7	8.87	54.1	11.8	59.7	13.5	65.4	15.2	76.5	18.9	87.2	23.0
70% (595)	10	30.0	3.96	37.4	4.73	47.4	5.86	52.3	6.45	57.2	7.06	66.9	8.34	76.3	9.63
	12	30.0	4.01	37.4	4.79	47.4	5.95	52.3	6.55	57.2	7.18	66.9	8.48	76.3	9.80
	14	30.0	4.06	37.4	4.86	47.4	6.04	52.3	6.66	57.2	7.30	66.9	8.63	76.3	9.98
	16	30.0	4.11	37.4	4.93	47.4	6.14	52.3	6.78	57.2	7.43	66.9	8.79	76.3	10.2
	18	30.0	4.17	37.4	5.01	47.4	6.25	52.3	6.89	57.2	7.56	66.9	8.96	76.3	10.4
	20	30.0	4.22	37.4	5.08	47.4	6.35	52.3	7.02	57.2	7.70	66.9	9.13	76.3	10.6
	21	30.0	4.25	37.4	5.12	47.4	6.41	52.3	7.08	57.2	7.78	66.9	9.22	76.3	10.7
	23	30.0	4.31	37.4	5.21	47.4	6.52	52.3	7.21	57.2	7.92	66.9	9.53	76.3	11.4
	25	30.0	4.38	37.4	5.29	47.4	6.65	52.3	7.46	57.2	8.32	66.9	10.2	76.3	12.1
	27	30.0	4.44	37.4	5.46	47.4	7.06	52.3	7.93	57.2	8.85	66.9	10.8	76.3	13.0
	29	30.0	4.67	37.4	5.78	47.4	7.50	52.3	8.43	57.2	9.42	66.9	11.5	76.3	13.8
	31	30.0	4.93	37.4	6.12	47.4	7.96	52.3	8.95	57.2	10.0	66.9	12.3	76.3	14.7
	33	30.0	5.20	37.4	6.47	47.4	8.43	52.3	9.50	57.2	10.6	66.9	13.1	76.3	15.7
	35	30.0	5.48	37.4	6.84	47.4	8.94	52.3	10.1	57.2	11.3	66.9	13.9	76.3	16.7
	37	30.0	5.78	37.4	7.23	47.4	9.47	52.3	10.7	57.2	12.0	66.9	14.8	76.3	17.8
	39	30.0	6.09	37.4	7.63	47.4	10.0	52.3	11.3	57.2	12.7	66.9	15.7	76.3	18.9
60% (510)	10	25.7	3.54	32.0	4.17	40.6	5.08	44.8	5.56	49.0	6.06	57.4	7.08	65.4	8.13
	12	25.7	3.58	32.0	4.22	40.6	5.16	44.8	5.64	49.0	6.15	57.4	7.20	65.4	8.28
	14	25.7	3.62	32.0	4.28	40.6	5.23	44.8	5.73	49.0	6.25	57.4	7.33	65.4	8.42
	16	25.7	3.67	32.0	4.33	40.6	5.31	44.8	5.82	49.0	6.35	57.4	7.46	65.4	8.58
	18	25.7	3.71	32.0	4.39	40.6	5.40	44.8	5.92	49.0	6.46	57.4	7.59	65.4	8.74
	20	25.7	3.76	32.0	4.46	40.6	5.48	44.8	6.02	49.0	6.57	57.4	7.73	65.4	8.90
	21	25.7	3.78	32.0	4.49	40.6	5.53	44.8	6.07	49.0	6.63	57.4	7.80	65.4	8.99
	23	25.7	3.83	32.0	4.55	40.6	5.62	44.8	6.17	49.0	6.75	57.4	7.95	65.4	9.25
	25	25.7	3.88	32.0	4.62	40.6	5.71	44.8	6.28	49.0	6.91	57.4	8.35	65.4	9.87
	27	25.7	3.94	32.0	4.70	40.6	5.95	44.8	6.63	49.0	7.35	57.4	8.89	65.4	10.5
	29	25.7	4.08	32.0	4.96	40.6	6.31	44.8	7.04	49.0	7.81	57.4	9.45	65.4	11.2
	31	25.7	4.30	32.0	5.25	40.6	6.69	44.8	7.46	49.0	8.28	57.4	10.0	65.4	11.9
	33	25.7	4.53	32.0	5.54	40.6	7.08	44.8	7.91	49.0	8.79	57.4	10.7	65.4	12.7
	35	25.7	4.77	32.0	5.84	40.6	7.49	44.8	8.37	49.0	9.31	57.4	11.3	65.4	13.5
	37	25.7	5.02	32.0	6.16	40.6	7.91	44.8	8.86	49.0	9.87	57.4	12.0	65.4	14.3
	39	25.7	5.28	32.0	6.50	40.6	8.37	44.8	9.38	49.0	10.4	57.4	12.8	65.4	15.2
50% (425)	10	21.4	3.15	26.7	3.64	33.8	4.35	37.3	4.72	40.9	5.11	47.8	5.91	54.5	6.73
	12	21.4	3.18	26.7	3.68	33.8	4.41	37.3	4.79	40.9	5.18	47.8	6.00	54.5	6.84
	14	21.4	3.21	26.7	3.72	33.8	4.47	37.3	4.86	40.9	5.26	47.8	6.10	54.5	6.95
	16	21.4	3.25	26.7	3.77	33.8	4.53	37.3	4.93	40.9	5.34	47.8	6.20	54.5	7.07
	18	21.4	3.28	26.7	3.81	33.8	4.60	37.3	5.00	40.9	5.43	47.8	6.30	54.5	7.20
	20	21.4	3.32	26.7	3.86	33.8	4.66	37.3	5.08	40.9	5.51	47.8	6.41	54.5	7.33
	21	21.4	3.34	26.7	3.89	33.8	4.70	37.3	5.12	40.9	5.56	47.8	6.47	54.5	7.39
	23	21.4	3.37	26.7	3.94	33.8	4.77	37.3	5.20	40.9	5.65	47.8	6.58	54.5	7.53
	25	21.4	3.41	26.7	4.00	33.8	4.84	37.3	5.29	40.9	5.75	47.8	6.72	54.5	7.84
	27	21.4	3.46	26.7	4.05	33.8	4.94	37.3	5.45	40.9	5.99	47.8	7.14	54.5	8.35
	29	21.4	3.53	26.7	4.21	33.8	5.23	37.3	5.78	40.9	6.35	47.8	7.58	54.5	8.87
	31	21.4	3.72	26.7	4.44	33.8	5.53	37.3	6.11	40.9	6.73	47.8	8.04	54.5	9.43
	33	21.4	3.91	26.7	4.68	33.8	5.84	37.3	6.47	40.9	7.12	47.8	8.53	54.5	10.0
	35	21.4	4.11	26.7	4.93	33.8	6.17	37.3	6.83	40.9	7.54	47.8	9.04	54.5	10.6
	37	21.4	4.32	26.7	5.19	33.8	6.51	37.3	7.22	40.9	7.97	47.8	9.57	54.5	11.3
	39	21.4	4.53	26.7	5.46	33.8	6.87	37.3	7.62	40.9	8.42	47.8	10.1	54.5	11.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ36THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1170)	10	59.4	7.34	74.1	9.26	93.9	12.1	104	13.5	113	15.0	129	17.1	132	16.3
	12	59.4	7.46	74.1	9.42	93.9	12.3	104	13.8	113	15.3	127	17.0	131	16.2
	14	59.4	7.58	74.1	9.59	93.9	12.5	104	14.0	113	15.6	126	16.9	129	16.3
	16	59.4	7.72	74.1	9.77	93.9	12.8	104	14.3	113	15.9	124	17.0	127	17.2
	18	59.4	7.85	74.1	9.96	93.9	13.0	104	14.6	113	16.4	122	17.9	126	18.1
	20	59.4	8.00	74.1	10.1	93.9	13.3	104	15.4	113	17.6	121	18.8	124	19.0
	21	59.4	8.07	74.1	10.2	93.9	13.8	104	15.9	113	18.2	120	19.2	123	19.4
	23	59.4	8.22	74.1	10.7	93.9	14.8	104	17.1	113	19.5	118	20.1	122	20.3
	25	59.4	8.59	74.1	11.4	93.9	15.8	104	18.3	113	20.7	116	21.0	120	21.2
	27	59.4	9.14	74.1	12.1	93.9	16.9	104	19.5	111	21.6	115	21.8	118	22.1
	29	59.4	9.72	74.1	12.9	93.9	18.1	104	20.9	109	22.5	113	22.7	117	23.0
	31	59.4	10.3	74.1	13.8	93.9	19.3	104	22.3	108	23.3	111	23.6	115	23.9
	33	59.4	11.0	74.1	14.7	93.9	20.5	104	23.8	106	24.2	110	24.5	113	24.8
	35	59.4	11.6	74.1	15.6	93.9	21.9	103	24.9	104	25.1	108	25.4	112	25.7
	37	59.4	12.4	74.1	16.6	93.9	23.3	101	25.8	103	26.0	106	26.3	110	26.6
	39	59.4	13.1	74.1	17.6	93.9	24.8	99.3	26.7	101	26.9	105	27.2	108	27.6
120% (1080)	10	54.9	6.77	68.4	8.49	86.7	11.0	95.7	12.3	105	13.7	123	16.4	130	16.8
	12	54.9	6.88	68.4	8.64	86.7	11.2	95.7	12.6	105	13.9	123	16.7	129	16.7
	14	54.9	6.99	68.4	8.79	86.7	11.4	95.7	12.8	105	14.2	123	17.0	127	16.6
	16	54.9	7.11	68.4	8.95	86.7	11.7	95.7	13.0	105	14.5	122	17.2	125	17.1
	18	54.9	7.23	68.4	9.12	86.7	11.9	95.7	13.3	105	14.8	120	17.8	124	18.0
	20	54.9	7.36	68.4	9.29	86.7	12.1	95.7	13.7	105	15.6	119	18.7	122	18.8
	21	54.9	7.43	68.4	9.38	86.7	12.3	95.7	14.2	105	16.2	118	19.1	121	19.3
	23	54.9	7.56	68.4	9.61	86.7	13.2	95.7	15.2	105	17.3	116	20.0	119	20.2
	25	54.9	7.80	68.4	10.3	86.7	14.1	95.7	16.3	105	18.5	114	20.8	118	21.0
	27	54.9	8.30	68.4	10.9	86.7	15.1	95.7	17.4	105	19.8	113	21.7	116	21.9
	29	54.9	8.82	68.4	11.6	86.7	16.1	95.7	18.6	105	21.2	111	22.6	114	22.8
	31	54.9	9.36	68.4	12.4	86.7	17.2	95.7	19.8	105	22.6	109	23.5	113	23.7
	33	54.9	9.93	68.4	13.2	86.7	18.3	95.7	21.1	104	24.1	108	24.4	111	24.6
	35	54.9	10.5	68.4	14.0	86.7	19.5	95.7	22.5	103	24.9	106	25.2	109	25.5
	37	54.9	11.2	68.4	14.9	86.7	20.7	95.7	24.0	101	25.8	104	26.1	108	26.4
	39	54.9	11.8	68.4	15.8	86.7	22.1	95.7	25.5	99.5	26.7	103	27.0	106	27.4
110% (990)	10	50.3	6.22	62.7	7.75	79.5	10.0	87.7	11.2	96.0	12.4	112	14.8	128	17.3
	12	50.3	6.32	62.7	7.88	79.5	10.2	87.7	11.4	96.0	12.6	112	15.1	126	17.2
	14	50.3	6.42	62.7	8.02	79.5	10.4	87.7	11.6	96.0	12.8	112	15.4	125	17.1
	16	50.3	6.52	62.7	8.16	79.5	10.6	87.7	11.8	96.0	13.1	112	15.7	123	17.0
	18	50.3	6.63	62.7	8.31	79.5	10.8	87.7	12.0	96.0	13.3	112	16.1	121	17.8
	20	50.3	6.75	62.7	8.46	79.5	11.0	87.7	12.3	96.0	13.8	112	17.3	120	18.7
	21	50.3	6.80	62.7	8.54	79.5	11.1	87.7	12.5	96.0	14.2	112	17.9	119	19.1
	23	50.3	6.93	62.7	8.70	79.5	11.7	87.7	13.4	96.0	15.3	112	19.2	117	20.0
	25	50.3	7.05	62.7	9.18	79.5	12.5	87.7	14.4	96.0	16.3	112	20.6	116	20.9
	27	50.3	7.49	62.7	9.77	79.5	13.4	87.7	15.3	96.0	17.4	111	21.6	114	21.8
	29	50.3	7.96	62.7	10.4	79.5	14.2	87.7	16.4	96.0	18.6	109	22.4	112	22.7
	31	50.3	8.44	62.7	11.1	79.5	15.2	87.7	17.4	96.0	19.9	108	23.3	111	23.5
	33	50.3	8.95	62.7	11.7	79.5	16.2	87.7	18.6	96.0	21.2	106	24.2	109	24.4
	35	50.3	9.48	62.7	12.5	79.5	17.2	87.7	19.8	96.0	22.6	104	25.1	107	25.3
	37	50.3	10.0	62.7	13.2	79.5	18.3	87.7	21.1	96.0	24.1	103	26.0	106	26.2
	39	50.3	10.6	62.7	14.0	79.5	19.4	87.7	22.4	96.0	25.6	101	26.9	104	27.1
100% (900)	10	45.7	5.69	57.0	7.03	72.3	9.01	79.7	10.0	87.2	11.1	102	13.3	116	15.5
	12	45.7	5.78	57.0	7.15	72.3	9.16	79.7	10.2	87.2	11.3	102	13.5	116	15.8
	14	45.7	5.87	57.0	7.27	72.3	9.33	79.7	10.4	87.2	11.5	102	13.8	116	16.1
	16	45.7	5.96	57.0	7.39	72.3	9.50	79.7	10.6	87.2	11.7	102	14.1	116	16.4
	18	45.7	6.05	57.0	7.52	72.3	9.68	79.7	10.8	87.2	12.0	102	14.3	116	17.0
	20	45.7	6.15	57.0	7.66	72.3	9.87	79.7	11.0	87.2	12.2	102	15.0	116	18.3
	21	45.7	6.20	57.0	7.72	72.3	9.96	79.7	11.1	87.2	12.4	102	15.6	116	18.9
	23	45.7	6.31	57.0	7.87	72.3	10.3	79.7	11.8	87.2	13.3	102	16.7	115	19.9
	25	45.7	6.42	57.0	8.17	72.3	11.0	79.7	12.6	87.2	14.2	102	17.9	113	20.8
	27	45.7	6.73	57.0	8.69	72.3	11.7	79.7	13.4	87.2	15.2	102	19.1	112	21.6
	29	45.7	7.14	57.0	9.23	72.3	12.5	79.7	14.3	87.2	16.2	102	20.4	110	22.5
	31	45.7	7.57	57.0	9.81	72.3	13.3	79.7	15.2	87.2	17.3	102	21.8	108	23.4
	33	45.7	8.02	57.0	10.4	72.3	14.2	79.7	16.2	87.2	18.4	102	23.3	107	24.3
	35	45.7	8.49	57.0	11.0	72.3	15.1	79.7	17.3	87.2	19.6	102	24.8	105	25.1
	37	45.7	8.98	57.0	11.7	72.3	16.0	79.7	18.4	87.2	20.9	101	25.8	103	26.0
	39	45.7	9.49	57.0	12.4	72.3	17.0	79.7	19.5	87.2	22.3	99.0	26.7	102	26.9
90% (810)	10	41.2	5.18	51.3	6.34	65.0	8.05	71.8	8.94	78.5	9.86	91.9	11.8	105	13.7
	12	41.2	5.26	51.3	6.44	65.0	8.19	71.8	9.10	78.5	10.0	91.9	12.0	105	13.9
	14	41.2	5.33	51.3	6.54	65.0	8.33	71.8	9.26	78.5	10.2	91.9	12.2	105	14.2
	16	41.2	5.41	51.3	6.65	65.0	8.48	71.8	9.43	78.5	10.4	91.9	12.4	105	14.5
	18	41.2	5.49	51.3	6.76	65.0	8.63	71.8	9.61	78.5	10.6	91.9	12.7	105	14.8
	20	41.2	5.58	51.3	6.88	65.0	8.79	71.8	9.79	78.5	10.8	91.9	12.9	105	15.6
	21	41.2	5.63	51.3	6.94	65.0	8.88	71.8	9.89	78.5	10.9	91.9	13.4	105	16.2
	23	41.2	5.72	51.3	7.06	65.0	9.05	71.8	10.2	78.5	11.5	91.9	14.3	105	17.3
	25	41.2	5.81	51.3	7.21	65.0	9.61	71.8	10.9	78.5	12.3	91.9	15.3	105	18.6
	27	41.2	6.02	51.3	7.67	65.0	10.2	71.8	11.6	78.5	13.1	91.9	16.4	105	19.9
	29	41.2	6.38	51.3	8.14	65.0	10.9	71.8	12.4	78.5	14.0	91.9	17.5	105	21.2
	31	41.2	6.75	51.3	8.64	65.0	11.6	71.8	13.2	78.5	14.9	91.9	18.7	105	22.7
	33	41.2	7.14	51.3	9.16	65.0	12.3	71.8	14.0	78.5	15.9	91.9	19.9	105	24.1
	35	41.2	7.55	51.3	9.71	65.0	13.1	71.8	14.9	78.5	16.9	91.9	21.2	103	25.0
	37	41.2	7.98	51.3	10.3	65.0	13.9	71.8	15.9	78.5	18.0	91.9	22.6	101	25.8
	39	41.2	8.43	51.3	10.9	65.0	14.7	71.8	16.8	78.5	19.1	91.9	24.0	99.5	26.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (720)	10	36.6	4.69	45.6	5.68	57.8	7.13	63.8	7.89	69.8	8.68	81.7	10.3	93.1	12.0
	12	36.6	4.76	45.6	5.76	57.8	7.25	63.8	8.02	69.8	8.83	81.7	10.5	93.1	12.2
	14	36.6	4.82	45.6	5.85	57.8	7.37	63.8	8.16	69.8	8.98	81.7	10.7	93.1	12.4
	16	36.6	4.89	45.6	5.94	57.8	7.50	63.8	8.31	69.8	9.15	81.7	10.9	93.1	12.6
	18	36.6	4.96	45.6	6.04	57.8	7.63	63.8	8.46	69.8	9.32	81.7	11.1	93.1	12.9
	20	36.6	5.03	45.6	6.14	57.8	7.77	63.8	8.62	69.8	9.50	81.7	11.3	93.1	13.2
	21	36.6	5.07	45.6	6.19	57.8	7.84	63.8	8.70	69.8	9.59	81.7	11.4	93.1	13.6
	23	36.6	5.15	45.6	6.29	57.8	7.98	63.8	8.86	69.8	9.86	81.7	12.2	93.1	14.6
	25	36.6	5.23	45.6	6.40	57.8	8.30	63.8	9.38	69.8	10.5	81.7	13.0	93.1	15.6
	27	36.6	5.34	45.6	6.72	57.8	8.83	63.8	9.99	69.8	11.2	81.7	13.9	93.1	16.7
	29	36.6	5.66	45.6	7.12	57.8	9.39	63.8	10.6	69.8	11.9	81.7	14.8	93.1	17.8
	31	36.6	5.98	45.6	7.55	57.8	9.98	63.8	11.3	69.8	12.7	81.7	15.8	93.1	19.0
	33	36.6	6.32	45.6	7.99	57.8	10.6	63.8	12.0	69.8	13.5	81.7	16.8	93.1	20.3
	35	36.6	6.67	45.6	8.46	57.8	11.2	63.8	12.8	69.8	14.4	81.7	17.9	93.1	21.6
	37	36.6	7.04	45.6	8.95	57.8	11.9	63.8	13.5	69.8	15.3	81.7	19.0	93.1	23.0
	39	36.6	7.43	45.6	9.47	57.8	12.6	63.8	14.4	69.8	16.2	81.7	20.2	93.1	24.5
70% (630)	10	32.0	4.23	39.9	5.05	50.6	6.26	55.8	6.89	61.1	7.54	71.5	8.90	81.5	10.3
	12	32.0	4.28	39.9	5.12	50.6	6.35	55.8	7.00	61.1	7.67	71.5	9.06	81.5	10.5
	14	32.0	4.33	39.9	5.19	50.6	6.45	55.8	7.11	61.1	7.80	71.5	9.22	81.5	10.7
	16	32.0	4.39	39.9	5.27	50.6	6.56	55.8	7.23	61.1	7.94	71.5	9.39	81.5	10.9
	18	32.0	4.45	39.9	5.35	50.6	6.67	55.8	7.36	61.1	8.08	71.5	9.56	81.5	11.1
	20	32.0	4.51	39.9	5.43	50.6	6.78	55.8	7.49	61.1	8.23	71.5	9.75	81.5	11.3
	21	32.0	4.54	39.9	5.47	50.6	6.84	55.8	7.56	61.1	8.30	71.5	9.84	81.5	11.4
	23	32.0	4.61	39.9	5.56	50.6	6.96	55.8	7.70	61.1	8.46	71.5	10.2	81.5	12.1
	25	32.0	4.67	39.9	5.65	50.6	7.10	55.8	7.96	61.1	8.88	71.5	10.9	81.5	13.0
	27	32.0	4.74	39.9	5.83	50.6	7.54	55.8	8.47	61.1	9.45	71.5	11.6	81.5	13.8
	29	32.0	4.98	39.9	6.18	50.6	8.01	55.8	9.00	61.1	10.1	71.5	12.3	81.5	14.7
	31	32.0	5.26	39.9	6.54	50.6	8.50	55.8	9.56	61.1	10.7	71.5	13.1	81.5	15.7
	33	32.0	5.55	39.9	6.91	50.6	9.01	55.8	10.1	61.1	11.4	71.5	14.0	81.5	16.7
	35	32.0	5.85	39.9	7.30	50.6	9.54	55.8	10.8	61.1	12.1	71.5	14.8	81.5	17.8
	37	32.0	6.17	39.9	7.72	50.6	10.1	55.8	11.4	61.1	12.8	71.5	15.8	81.5	19.0
	39	32.0	6.50	39.9	8.15	50.6	10.7	55.8	12.1	61.1	13.6	71.5	16.8	81.5	20.2
60% (540)	10	27.4	3.78	34.2	4.45	43.4	5.43	47.8	5.94	52.3	6.47	61.3	7.56	69.9	8.68
	12	27.4	3.82	34.2	4.51	43.4	5.50	47.8	6.03	52.3	6.57	61.3	7.69	69.9	8.84
	14	27.4	3.87	34.2	4.57	43.4	5.59	47.8	6.12	52.3	6.67	61.3	7.82	69.9	8.99
	16	27.4	3.91	34.2	4.63	43.4	5.67	47.8	6.22	52.3	6.78	61.3	7.96	69.9	9.16
	18	27.4	3.96	34.2	4.69	43.4	5.76	47.8	6.32	52.3	6.90	61.3	8.10	69.9	9.33
	20	27.4	4.01	34.2	4.76	43.4	5.85	47.8	6.42	52.3	7.02	61.3	8.25	69.9	9.51
	21	27.4	4.04	34.2	4.79	43.4	5.90	47.8	6.48	52.3	7.08	61.3	8.33	69.9	9.60
	23	27.4	4.09	34.2	4.86	43.4	6.00	47.8	6.59	52.3	7.21	61.3	8.49	69.9	9.87
	25	27.4	4.14	34.2	4.94	43.4	6.10	47.8	6.71	52.3	7.38	61.3	8.91	69.9	10.5
	27	27.4	4.20	34.2	5.01	43.4	6.36	47.8	7.08	52.3	7.85	61.3	9.49	69.9	11.2
	29	27.4	4.35	34.2	5.30	43.4	6.74	47.8	7.51	52.3	8.34	61.3	10.1	69.9	12.0
	31	27.4	4.59	34.2	5.60	43.4	7.14	47.8	7.97	52.3	8.85	61.3	10.7	69.9	12.7
	33	27.4	4.84	34.2	5.91	43.4	7.56	47.8	8.44	52.3	9.38	61.3	11.4	69.9	13.5
	35	27.4	5.09	34.2	6.24	43.4	7.99	47.8	8.94	52.3	9.94	61.3	12.1	69.9	14.4
	37	27.4	5.36	34.2	6.58	43.4	8.45	47.8	9.46	52.3	10.5	61.3	12.8	69.9	15.3
	39	27.4	5.63	34.2	6.94	43.4	8.93	47.8	10.0	52.3	11.2	61.3	13.6	69.9	16.2
50% (450)	10	22.9	3.36	28.5	3.88	36.1	4.65	39.9	5.04	43.6	5.46	51.0	6.31	58.2	7.18
	12	22.9	3.39	28.5	3.93	36.1	4.71	39.9	5.11	43.6	5.54	51.0	6.41	58.2	7.30
	14	22.9	3.43	28.5	3.97	36.1	4.77	39.9	5.19	43.6	5.62	51.0	6.51	58.2	7.42
	16	22.9	3.46	28.5	4.02	36.1	4.84	39.9	5.26	43.6	5.70	51.0	6.62	58.2	7.55
	18	22.9	3.50	28.5	4.07	36.1	4.91	39.9	5.34	43.6	5.79	51.0	6.73	58.2	7.68
	20	22.9	3.54	28.5	4.13	36.1	4.98	39.9	5.42	43.6	5.89	51.0	6.85	58.2	7.82
	21	22.9	3.56	28.5	4.15	36.1	5.02	39.9	5.47	43.6	5.93	51.0	6.91	58.2	7.89
	23	22.9	3.60	28.5	4.21	36.1	5.09	39.9	5.55	43.6	6.03	51.0	7.03	58.2	8.04
	25	22.9	3.65	28.5	4.27	36.1	5.17	39.9	5.65	43.6	6.14	51.0	7.17	58.2	8.37
	27	22.9	3.69	28.5	4.33	36.1	5.28	39.9	5.82	43.6	6.40	51.0	7.62	58.2	8.91
	29	22.9	3.77	28.5	4.50	36.1	5.59	39.9	6.17	43.6	6.78	51.0	8.09	58.2	9.47
	31	22.9	3.97	28.5	4.74	36.1	5.91	39.9	6.53	43.6	7.19	51.0	8.59	58.2	10.1
	33	22.9	4.18	28.5	5.00	36.1	6.24	39.9	6.90	43.6	7.61	51.0	9.10	58.2	10.7
	35	22.9	4.39	28.5	5.26	36.1	6.59	39.9	7.30	43.6	8.05	51.0	9.65	58.2	11.3
	37	22.9	4.61	28.5	5.54	36.1	6.95	39.9	7.71	43.6	8.51	51.0	10.2	58.2	12.0
	39	22.9	4.84	28.5	5.83	36.1	7.33	39.9	8.14	43.6	8.99	51.0	10.8	58.2	12.7

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ38THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1235)	10	62.1	7.86	77.4	9.92	98.2	12.9	108	14.5	119	16.1	135	18.3	138	17.5
	12	62.1	7.99	77.4	10.1	98.2	13.2	108	14.7	119	16.4	133	18.2	137	17.4
	14	62.1	8.12	77.4	10.3	98.2	13.4	108	15.0	119	16.7	131	18.1	135	17.5
	16	62.1	8.26	77.4	10.5	98.2	13.7	108	15.3	119	17.0	129	18.2	133	18.4
	18	62.1	8.41	77.4	10.7	98.2	13.9	108	15.6	119	17.5	128	19.2	131	19.4
	20	62.1	8.56	77.4	10.9	98.2	14.3	108	16.5	119	18.8	126	20.1	130	20.3
	21	62.1	8.64	77.4	11.0	98.2	14.8	108	17.1	119	19.5	125	20.6	129	20.8
	23	62.1	8.81	77.4	11.4	98.2	15.8	108	18.3	119	20.9	123	21.5	127	21.7
	25	62.1	9.20	77.4	12.2	98.2	17.0	108	19.6	118	22.2	122	22.4	125	22.7
	27	62.1	9.79	77.4	13.0	98.2	18.1	108	20.9	116	23.1	120	23.4	124	23.7
	29	62.1	10.4	77.4	13.9	98.2	19.3	108	22.4	114	24.1	118	24.3	122	24.6
	31	62.1	11.1	77.4	14.8	98.2	20.6	108	23.9	113	25.0	116	25.3	120	25.6
	33	62.1	11.8	77.4	15.7	98.2	22.0	108	25.5	111	25.9	115	26.3	118	26.6
	35	62.1	12.5	77.4	16.7	98.2	23.4	107	26.7	109	26.9	113	27.2	117	27.5
	37	62.1	13.2	77.4	17.8	98.2	25.0	106	27.6	107	27.8	111	28.2	115	28.5
	39	62.1	14.0	77.4	18.9	98.2	26.6	104	28.6	106	28.8	109	29.2	113	29.5
120% (1140)	10	57.3	7.25	71.5	9.10	90.6	11.8	100	13.2	109	14.6	128	17.6	136	18.0
	12	57.3	7.37	71.5	9.25	90.6	12.0	100	13.4	109	14.9	128	17.9	134	17.9
	14	57.3	7.49	71.5	9.42	90.6	12.2	100	13.7	109	15.2	128	18.2	133	17.8
	16	57.3	7.62	71.5	9.59	90.6	12.5	100	14.0	109	15.5	127	18.5	131	18.3
	18	57.3	7.75	71.5	9.77	90.6	12.7	100	14.2	109	15.8	126	19.0	129	19.2
	20	57.3	7.88	71.5	9.95	90.6	13.0	100	14.7	109	16.7	124	20.0	127	20.2
	21	57.3	7.96	71.5	10.0	90.6	13.2	100	15.2	109	17.3	123	20.4	126	20.6
	23	57.3	8.10	71.5	10.3	90.6	14.1	100	16.3	109	18.6	121	21.4	125	21.6
	25	57.3	8.36	71.5	11.0	90.6	15.1	100	17.4	109	19.9	120	22.3	123	22.5
	27	57.3	8.89	71.5	11.7	90.6	16.2	100	18.6	109	21.2	118	23.2	121	23.5
	29	57.3	9.44	71.5	12.5	90.6	17.2	100	19.9	109	22.7	116	24.2	120	24.4
	31	57.3	10.0	71.5	13.3	90.6	18.4	100	21.2	109	24.2	114	25.1	118	25.4
	33	57.3	10.6	71.5	14.1	90.6	19.6	100	22.6	109	25.8	113	26.1	116	26.4
	35	57.3	11.3	71.5	15.0	90.6	20.9	100	24.1	107	26.7	111	27.0	114	27.3
	37	57.3	12.0	71.5	15.9	90.6	22.2	100	25.7	106	27.7	109	28.0	113	28.3
	39	57.3	12.7	71.5	16.9	90.6	23.6	100	27.3	104	28.6	107	29.0	111	29.3
110% (1045)	10	52.6	6.66	65.5	8.30	83.1	10.7	91.7	12.0	100	13.2	117	15.9	134	18.5
	12	52.6	6.77	65.5	8.44	83.1	10.9	91.7	12.2	100	13.5	117	16.2	132	18.4
	14	52.6	6.88	65.5	8.59	83.1	11.1	91.7	12.4	100	13.7	117	16.5	130	18.3
	16	52.6	6.99	65.5	8.74	83.1	11.3	91.7	12.6	100	14.0	117	16.8	129	18.2
	18	52.6	7.10	65.5	8.90	83.1	11.5	91.7	12.9	100	14.3	117	17.3	127	19.1
	20	52.6	7.23	65.5	9.06	83.1	11.8	91.7	13.1	100	14.7	117	18.5	125	20.0
	21	52.6	7.29	65.5	9.15	83.1	11.9	91.7	13.4	100	15.3	117	19.2	124	20.5
	23	52.6	7.42	65.5	9.32	83.1	12.6	91.7	14.4	100	16.3	117	20.6	122	21.4
	25	52.6	7.55	65.5	9.83	83.1	13.4	91.7	15.4	100	17.5	117	22.1	121	22.4
	27	52.6	8.03	65.5	10.5	83.1	14.3	91.7	16.4	100	18.7	116	23.1	119	23.3
	29	52.6	8.52	65.5	11.1	83.1	15.3	91.7	17.5	100	20.0	114	24.0	117	24.3
	31	52.6	9.04	65.5	11.8	83.1	16.3	91.7	18.7	100	21.3	112	25.0	116	25.2
	33	52.6	9.58	65.5	12.6	83.1	17.3	91.7	19.9	100	22.7	111	25.9	114	26.2
	35	52.6	10.2	65.5	13.4	83.1	18.4	91.7	21.2	100	24.2	109	26.9	112	27.1
	37	52.6	10.8	65.5	14.2	83.1	19.6	91.7	22.6	100	25.8	107	27.8	110	28.1
	39	52.6	11.4	65.5	15.0	83.1	20.8	91.7	24.0	100	27.5	105	28.8	109	29.1
100% (950)	10	47.8	6.10	59.6	7.53	75.5	9.65	83.3	10.7	91.2	11.9	107	14.2	122	16.6
	12	47.8	6.19	59.6	7.66	75.5	9.82	83.3	10.9	91.2	12.1	107	14.5	122	16.9
	14	47.8	6.28	59.6	7.78	75.5	9.99	83.3	11.1	91.2	12.3	107	14.8	122	17.2
	16	47.8	6.38	59.6	7.92	75.5	10.2	83.3	11.4	91.2	12.6	107	15.1	122	17.5
	18	47.8	6.48	59.6	8.06	75.5	10.4	83.3	11.6	91.2	12.8	107	15.4	122	18.2
	20	47.8	6.59	59.6	8.20	75.5	10.6	83.3	11.8	91.2	13.1	107	16.1	122	19.6
	21	47.8	6.64	59.6	8.27	75.5	10.7	83.3	11.9	91.2	13.3	107	16.7	122	20.3
	23	47.8	6.76	59.6	8.43	75.5	11.1	83.3	12.6	91.2	14.3	107	17.9	120	21.3
	25	47.8	6.88	59.6	8.75	75.5	11.8	83.3	13.5	91.2	15.3	107	19.1	118	22.2
	27	47.8	7.21	59.6	9.31	75.5	12.6	83.3	14.4	91.2	16.3	107	20.5	117	23.2
	29	47.8	7.65	59.6	9.89	75.5	13.4	83.3	15.3	91.2	17.4	107	21.9	115	24.1
	31	47.8	8.11	59.6	10.5	75.5	14.3	83.3	16.3	91.2	18.5	107	23.3	113	25.0
	33	47.8	8.59	59.6	11.2	75.5	15.2	83.3	17.4	91.2	19.8	107	24.9	111	26.0
	35	47.8	9.09	59.6	11.8	75.5	16.1	83.3	18.5	91.2	21.0	107	26.6	110	26.9
	37	47.8	9.62	59.6	12.5	75.5	17.1	83.3	19.7	91.2	22.4	105	27.6	108	27.9
	39	47.8	10.2	59.6	13.3	75.5	18.2	83.3	20.9	91.2	23.8	103	28.6	106	28.8
90% (855)	10	43.0	5.55	53.6	6.79	68.0	8.62	75.0	9.57	82.0	10.6	96.0	12.6	109	14.7
	12	43.0	5.63	53.6	6.90	68.0	8.77	75.0	9.74	82.0	10.8	96.0	12.8	109	14.9
	14	43.0	5.71	53.6	7.01	68.0	8.92	75.0	9.92	82.0	11.0	96.0	13.1	109	15.2
	16	43.0	5.80	53.6	7.13	68.0	9.08	75.0	10.1	82.0	11.2	96.0	13.3	109	15.5
	18	43.0	5.89	53.6	7.24	68.0	9.25	75.0	10.3	82.0	11.4	96.0	13.6	109	15.8
	20	43.0	5.98	53.6	7.37	68.0	9.42	75.0	10.5	82.0	11.6	96.0	13.9	109	16.7
	21	43.0	6.03	53.6	7.43	68.0	9.51	75.0	10.6	82.0	11.7	96.0	14.3	109	17.3
	23	43.0	6.12	53.6	7.57	68.0	9.69	75.0	11.0	82.0	12.3	96.0	15.4	109	18.6
	25	43.0	6.23	53.6	7.73	68.0	10.3	75.0	11.7	82.0	13.2	96.0	16.4	109	19.9
	27	43.0	6.45	53.6	8.21	68.0	11.0	75.0	12.5	82.0	14.1	96.0	17.5	109	21.3
	29	43.0	6.83	53.6	8.72	68.0	11.7	75.0	13.3	82.0	15.0	96.0	18.7	109	22.7
	31	43.0	7.23	53.6	9.25	68.0	12.4	75.0	14.1	82.0	16.0	96.0	20.0	109	24.3
	33	43.0	7.65	53.6	9.81	68.0	13.2	75.0	15.0	82.0	17.0	96.0	21.3	109	25.8
	35	43.0	8.09	53.6	10.4	68.0	14.0	75.0	16.0	82.0	18.1	96.0	22.7	107	26.7
	37	43.0	8.55	53.6	11.0	68.0	14.9	75.0	17.0	82.0	19.3	96.0	24.2	106	27.7
	39	43.0	9.03	53.6	11.7	68.0	15.8	75.0	18.0	82.0	20.5	96.0	25.7	104	28.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (760)	10	38.2	5.03	47.7	6.08	60.4	7.64	66.7	8.45	72.9	9.29	85.3	11.0	97.3	12.8
	12	38.2	5.09	47.7	6.17	60.4	7.76	66.7	8.59	72.9	9.45	85.3	11.2	97.3	13.0
	14	38.2	5.16	47.7	6.27	60.4	7.89	66.7	8.74	72.9	9.62	85.3	11.4	97.3	13.3
	16	38.2	5.24	47.7	6.37	60.4	8.03	66.7	8.90	72.9	9.80	85.3	11.7	97.3	13.5
	18	38.2	5.31	47.7	6.47	60.4	8.17	66.7	9.06	72.9	9.98	85.3	11.9	97.3	13.8
	20	38.2	5.39	47.7	6.57	60.4	8.32	66.7	9.23	72.9	10.2	85.3	12.1	97.3	14.1
	21	38.2	5.43	47.7	6.63	60.4	8.39	66.7	9.31	72.9	10.3	85.3	12.2	97.3	14.6
	23	38.2	5.51	47.7	6.74	60.4	8.55	66.7	9.49	72.9	10.6	85.3	13.0	97.3	15.7
	25	38.2	5.60	47.7	6.86	60.4	8.89	66.7	10.0	72.9	11.3	85.3	13.9	97.3	16.7
	27	38.2	5.72	47.7	7.19	60.4	9.46	66.7	10.7	72.9	12.0	85.3	14.9	97.3	17.9
	29	38.2	6.06	47.7	7.63	60.4	10.1	66.7	11.4	72.9	12.8	85.3	15.8	97.3	19.1
	31	38.2	6.41	47.7	8.09	60.4	10.7	66.7	12.1	72.9	13.6	85.3	16.9	97.3	20.4
	33	38.2	6.77	47.7	8.56	60.4	11.3	66.7	12.9	72.9	14.5	85.3	18.0	97.3	21.7
	35	38.2	7.15	47.7	9.06	60.4	12.0	66.7	13.7	72.9	15.4	85.3	19.1	97.3	23.2
	37	38.2	7.54	47.7	9.59	60.4	12.8	66.7	14.5	72.9	16.4	85.3	20.4	97.3	24.7
	39	38.2	7.96	47.7	10.1	60.4	13.5	66.7	15.4	72.9	17.4	85.3	21.7	97.3	26.3
70% (665)	10	33.4	4.53	41.7	5.41	52.9	6.70	58.3	7.38	63.8	8.08	74.7	9.53	85.2	11.0
	12	33.4	4.58	41.7	5.48	52.9	6.80	58.3	7.49	63.8	8.21	74.7	9.70	85.2	11.2
	14	33.4	4.64	41.7	5.56	52.9	6.91	58.3	7.62	63.8	8.35	74.7	9.87	85.2	11.4
	16	33.4	4.70	41.7	5.64	52.9	7.03	58.3	7.75	63.8	8.50	74.7	10.1	85.2	11.6
	18	33.4	4.76	41.7	5.73	52.9	7.14	58.3	7.88	63.8	8.65	74.7	10.2	85.2	11.9
	20	33.4	4.83	41.7	5.81	52.9	7.27	58.3	8.02	63.8	8.81	74.7	10.4	85.2	12.1
	21	33.4	4.86	41.7	5.86	52.9	7.33	58.3	8.10	63.8	8.89	74.7	10.5	85.2	12.2
	23	33.4	4.93	41.7	5.95	52.9	7.46	58.3	8.24	63.8	9.06	74.7	10.9	85.2	13.0
	25	33.4	5.01	41.7	6.05	52.9	7.60	58.3	8.53	63.8	9.51	74.7	11.6	85.2	13.9
	27	33.4	5.08	41.7	6.24	52.9	8.08	58.3	9.07	63.8	10.1	74.7	12.4	85.2	14.8
	29	33.4	5.34	41.7	6.61	52.9	8.58	58.3	9.64	63.8	10.8	74.7	13.2	85.2	15.8
	31	33.4	5.63	41.7	7.00	52.9	9.10	58.3	10.2	63.8	11.4	74.7	14.1	85.2	16.8
	33	33.4	5.95	41.7	7.40	52.9	9.65	58.3	10.9	63.8	12.2	74.7	14.9	85.2	17.9
	35	33.4	6.27	41.7	7.82	52.9	10.2	58.3	11.5	63.8	12.9	74.7	15.9	85.2	19.1
	37	33.4	6.61	41.7	8.27	52.9	10.8	58.3	12.2	63.8	13.7	74.7	16.9	85.2	20.3
	39	33.4	6.96	41.7	8.73	52.9	11.5	58.3	12.9	63.8	14.5	74.7	17.9	85.2	21.6
60% (570)	10	28.7	4.05	35.7	4.77	45.3	5.81	50.0	6.36	54.7	6.92	64.0	8.10	73.0	9.30
	12	28.7	4.10	35.7	4.83	45.3	5.90	50.0	6.45	54.7	7.03	64.0	8.24	73.0	9.46
	14	28.7	4.14	35.7	4.89	45.3	5.98	50.0	6.55	54.7	7.15	64.0	8.38	73.0	9.63
	16	28.7	4.19	35.7	4.96	45.3	6.07	50.0	6.66	54.7	7.27	64.0	8.53	73.0	9.81
	18	28.7	4.24	35.7	5.02	45.3	6.17	50.0	6.77	54.7	7.39	64.0	8.68	73.0	9.99
	20	28.7	4.30	35.7	5.10	45.3	6.27	50.0	6.88	54.7	7.52	64.0	8.84	73.0	10.2
	21	28.7	4.32	35.7	5.13	45.3	6.32	50.0	6.94	54.7	7.58	64.0	8.92	73.0	10.3
	23	28.7	4.38	35.7	5.21	45.3	6.43	50.0	7.06	54.7	7.72	64.0	9.09	73.0	10.6
	25	28.7	4.44	35.7	5.29	45.3	6.53	50.0	7.19	54.7	7.91	64.0	9.55	73.0	11.3
	27	28.7	4.50	35.7	5.37	45.3	6.81	50.0	7.58	54.7	8.41	64.0	10.2	73.0	12.0
	29	28.7	4.66	35.7	5.68	45.3	7.22	50.0	8.05	54.7	8.93	64.0	10.8	73.0	12.8
	31	28.7	4.92	35.7	6.00	45.3	7.65	50.0	8.53	54.7	9.47	64.0	11.5	73.0	13.6
	33	28.7	5.18	35.7	6.33	45.3	8.09	50.0	9.04	54.7	10.0	64.0	12.2	73.0	14.5
	35	28.7	5.45	35.7	6.68	45.3	8.56	50.0	9.57	54.7	10.7	64.0	13.0	73.0	15.4
	37	28.7	5.74	35.7	7.05	45.3	9.05	50.0	10.1	54.7	11.3	64.0	13.8	73.0	16.4
	39	28.7	6.03	35.7	7.43	45.3	9.57	50.0	10.7	54.7	11.9	64.0	14.6	73.0	17.4
50% (475)	10	23.9	3.60	29.8	4.16	37.8	4.98	41.7	5.40	45.6	5.84	53.3	6.76	60.8	7.69
	12	23.9	3.64	29.8	4.21	37.8	5.04	41.7	5.48	45.6	5.93	53.3	6.87	60.8	7.82
	14	23.9	3.67	29.8	4.26	37.8	5.11	41.7	5.56	45.6	6.02	53.3	6.97	60.8	7.95
	16	23.9	3.71	29.8	4.31	37.8	5.18	41.7	5.64	45.6	6.11	53.3	7.09	60.8	8.09
	18	23.9	3.75	29.8	4.36	37.8	5.26	41.7	5.72	45.6	6.20	53.3	7.21	60.8	8.23
	20	23.9	3.79	29.8	4.42	37.8	5.33	41.7	5.81	45.6	6.30	53.3	7.33	60.8	8.38
	21	23.9	3.81	29.8	4.45	37.8	5.37	41.7	5.86	45.6	6.36	53.3	7.40	60.8	8.46
	23	23.9	3.86	29.8	4.51	37.8	5.45	41.7	5.95	45.6	6.46	53.3	7.53	60.8	8.61
	25	23.9	3.90	29.8	4.57	37.8	5.54	41.7	6.05	45.6	6.57	53.3	7.68	60.8	8.97
	27	23.9	3.95	29.8	4.63	37.8	5.66	41.7	6.24	45.6	6.85	53.3	8.16	60.8	9.54
	29	23.9	4.04	29.8	4.82	37.8	5.98	41.7	6.61	45.6	7.27	53.3	8.67	60.8	10.1
	31	23.9	4.25	29.8	5.08	37.8	6.33	41.7	6.99	45.6	7.70	53.3	9.20	60.8	10.8
	33	23.9	4.47	29.8	5.35	37.8	6.68	41.7	7.40	45.6	8.15	53.3	9.75	60.8	11.4
	35	23.9	4.70	29.8	5.64	37.8	7.06	41.7	7.82	45.6	8.62	53.3	10.3	60.8	12.1
	37	23.9	4.94	29.8	5.93	37.8	7.45	41.7	8.26	45.6	9.11	53.3	10.9	60.8	12.9
	39	23.9	5.18	29.8	6.24	37.8	7.85	41.7	8.72	45.6	9.63	53.3	11.6	60.8	13.7

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ40THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1300)	10	65.9	8.32	82.2	10.5	104	13.7	115	15.3	126	17.0	143	19.4	147	18.5
	12	65.9	8.46	82.2	10.7	104	13.9	115	15.6	126	17.3	141	19.3	145	18.4
	14	65.9	8.60	82.2	10.9	104	14.2	115	15.9	126	17.7	139	19.2	143	18.5
	16	65.9	8.75	82.2	11.1	104	14.5	115	16.2	126	18.0	137	19.3	141	19.5
	18	65.9	8.91	82.2	11.3	104	14.8	115	16.5	126	18.5	135	20.3	139	20.5
	20	65.9	9.07	82.2	11.5	104	15.1	115	17.4	126	19.9	134	21.3	138	21.5
	21	65.9	9.15	82.2	11.6	104	15.7	115	18.1	126	20.7	133	21.8	137	22.0
	23	65.9	9.32	82.2	12.1	104	16.8	115	19.4	126	22.1	131	22.8	135	23.0
	25	65.9	9.74	82.2	12.9	104	18.0	115	20.7	125	23.5	129	23.8	133	24.0
	27	65.9	10.4	82.2	13.8	104	19.2	115	22.2	123	24.5	127	24.8	131	25.0
	29	65.9	11.0	82.2	14.7	104	20.5	115	23.7	121	25.5	125	25.8	129	26.1
	31	65.9	11.7	82.2	15.6	104	21.9	115	25.3	119	26.5	123	26.8	127	27.1
	33	65.9	12.4	82.2	16.6	104	23.3	115	27.0	118	27.5	122	27.8	126	28.1
	35	65.9	13.2	82.2	17.7	104	24.8	114	28.3	116	28.5	120	28.8	124	29.2
	37	65.9	14.0	82.2	18.8	104	26.4	112	29.3	114	29.5	118	29.9	122	30.2
	39	65.9	14.9	82.2	20.0	104	28.2	110	30.3	112	30.5	116	30.9	120	31.3
120% (1200)	10	60.8	7.68	75.8	9.63	96.1	12.5	106	14.0	116	15.5	136	18.6	144	19.0
	12	60.8	7.80	75.8	9.80	96.1	12.7	106	14.2	116	15.8	136	19.0	142	18.9
	14	60.8	7.93	75.8	9.97	96.1	13.0	106	14.5	116	16.1	136	19.3	141	18.8
	16	60.8	8.07	75.8	10.2	96.1	13.2	106	14.8	116	16.4	135	19.5	139	19.4
	18	60.8	8.20	75.8	10.3	96.1	13.5	106	15.1	116	16.7	133	20.2	137	20.4
	20	60.8	8.35	75.8	10.5	96.1	13.7	106	15.5	116	17.7	132	21.2	135	21.4
	21	60.8	8.42	75.8	10.6	96.1	14.0	106	16.1	116	18.3	131	21.6	134	21.9
	23	60.8	8.58	75.8	10.9	96.1	15.0	106	17.2	116	19.7	129	22.6	132	22.9
	25	60.8	8.85	75.8	11.6	96.1	16.0	106	18.4	116	21.0	127	23.6	130	23.9
	27	60.8	9.41	75.8	12.4	96.1	17.1	106	19.7	116	22.5	125	24.6	129	24.9
	29	60.8	10.0	75.8	13.2	96.1	18.3	106	21.0	116	24.0	123	25.6	127	25.9
	31	60.8	10.6	75.8	14.0	96.1	19.5	106	22.5	116	25.7	121	26.6	125	26.9
	33	60.8	11.3	75.8	14.9	96.1	20.7	106	23.9	116	27.3	120	27.6	123	27.9
	35	60.8	11.9	75.8	15.9	96.1	22.1	106	25.5	114	28.3	118	28.6	121	29.0
	37	60.8	12.7	75.8	16.9	96.1	23.5	106	27.2	112	29.3	116	29.6	119	30.0
	39	60.8	13.4	75.8	17.9	96.1	25.0	106	29.0	110	30.3	114	30.7	118	31.0
110% (1100)	10	55.8	7.06	69.5	8.79	88.1	11.3	97.2	12.7	106	14.0	124	16.8	142	19.6
	12	55.8	7.17	69.5	8.94	88.1	11.5	97.2	12.9	106	14.3	124	17.1	140	19.5
	14	55.8	7.28	69.5	9.09	88.1	11.8	97.2	13.1	106	14.6	124	17.5	138	19.4
	16	55.8	7.40	69.5	9.25	88.1	12.0	97.2	13.4	106	14.8	124	17.8	136	19.3
	18	55.8	7.52	69.5	9.42	88.1	12.2	97.2	13.7	106	15.1	124	18.3	135	20.2
	20	55.8	7.65	69.5	9.60	88.1	12.4	97.2	13.9	106	15.6	124	19.6	133	21.2
	21	55.8	7.72	69.5	9.69	88.1	12.6	97.2	14.2	106	16.2	124	20.3	132	21.7
	23	55.8	7.86	69.5	9.87	88.1	13.3	97.2	15.2	106	17.3	124	21.8	130	22.7
	25	55.8	8.00	69.5	10.4	88.1	14.2	97.2	16.3	106	18.5	124	23.4	128	23.7
	27	55.8	8.50	69.5	11.1	88.1	15.2	97.2	17.4	106	19.8	123	24.5	126	24.7
	29	55.8	9.02	69.5	11.8	88.1	16.2	97.2	18.6	106	21.1	121	25.5	124	25.7
	31	55.8	9.57	69.5	12.5	88.1	17.2	97.2	19.8	106	22.5	119	26.4	123	26.7
	33	55.8	10.1	69.5	13.3	88.1	18.3	97.2	21.1	106	24.0	117	27.4	121	27.7
	35	55.8	10.8	69.5	14.1	88.1	19.5	97.2	22.5	106	25.6	116	28.4	119	28.7
	37	55.8	11.4	69.5	15.0	88.1	20.7	97.2	23.9	106	27.3	114	29.4	117	29.8
	39	55.8	12.1	69.5	15.9	88.1	22.1	97.2	25.4	106	29.1	112	30.5	115	30.8
100% (1000)	10	50.7	6.46	63.2	7.98	80.1	10.2	89.0	11.4	96.7	12.6	113	15.1	129	17.5
	12	50.7	6.55	63.2	8.11	80.1	10.4	89.0	11.6	96.7	12.8	113	15.3	129	17.9
	14	50.7	6.65	63.2	8.24	80.1	10.6	89.0	11.8	96.7	13.1	113	15.6	129	18.2
	16	50.7	6.76	63.2	8.38	80.1	10.8	89.0	12.0	96.7	13.3	113	15.9	129	18.6
	18	50.7	6.87	63.2	8.53	80.1	11.0	89.0	12.3	96.7	13.6	113	16.3	129	19.3
	20	50.7	6.98	63.2	8.68	80.1	11.2	89.0	12.5	96.7	13.8	113	17.1	129	20.7
	21	50.7	7.04	63.2	8.76	80.1	11.3	89.0	12.6	96.7	14.1	113	17.7	129	21.5
	23	50.7	7.16	63.2	8.92	80.1	11.7	89.0	13.3	96.7	15.1	113	18.9	127	22.6
	25	50.7	7.28	63.2	9.26	80.1	12.5	89.0	14.3	96.7	16.2	113	20.3	126	23.5
	27	50.7	7.64	63.2	9.85	80.1	13.3	89.0	15.2	96.7	17.3	113	21.7	124	24.5
	29	50.7	8.10	63.2	10.5	80.1	14.2	89.0	16.2	96.7	18.4	113	23.2	122	25.5
	31	50.7	8.59	63.2	11.1	80.1	15.1	89.0	17.3	96.7	19.6	113	24.7	120	26.5
	33	50.7	9.09	63.2	11.8	80.1	16.1	89.0	18.4	96.7	20.9	113	26.4	118	27.5
	35	50.7	9.63	63.2	12.5	80.1	17.1	89.0	19.6	96.7	22.3	113	28.1	116	28.5
	37	50.7	10.2	63.2	13.3	80.1	18.2	88.4	20.8	96.7	23.7	112	29.2	115	29.5
	39	50.7	10.8	63.2	14.1	80.1	19.3	88.4	22.2	96.7	25.2	110	30.2	113	30.5
90% (900)	10	45.6	5.88	56.9	7.19	72.1	9.13	79.5	10.1	87.0	11.2	102	13.3	116	15.5
	12	45.6	5.96	56.9	7.31	72.1	9.29	79.5	10.3	87.0	11.4	102	13.6	116	15.8
	14	45.6	6.05	56.9	7.42	72.1	9.45	79.5	10.5	87.0	11.6	102	13.9	116	16.1
	16	45.6	6.14	56.9	7.55	72.1	9.62	79.5	10.7	87.0	11.8	102	14.1	116	16.4
	18	45.6	6.23	56.9	7.67	72.1	9.79	79.5	10.9	87.0	12.0	102	14.4	116	16.8
	20	45.6	6.33	56.9	7.80	72.1	9.98	79.5	11.1	87.0	12.3	102	14.7	116	17.7
	21	45.6	6.38	56.9	7.87	72.1	10.1	79.5	11.2	87.0	12.4	102	15.2	116	18.4
	23	45.6	6.48	56.9	8.01	72.1	10.3	79.5	11.6	87.0	13.1	102	16.3	116	19.7
	25	45.6	6.59	56.9	8.18	72.1	10.9	79.5	12.4	87.0	14.0	102	17.4	116	21.1
	27	45.6	6.83	56.9	8.70	72.1	11.6	79.5	13.2	87.0	14.9	102	18.6	116	22.5
	29	45.6	7.23	56.9	9.24	72.1	12.4	79.5	14.1	87.0	15.9	102	19.8	116	24.1
	31	45.6	7.66	56.9	9.80	72.1	13.1	79.5	15.0	87.0	16.9	102	21.2	116	25.7
	33	45.6	8.10	56.9	10.4	72.1	14.0	79.5	15.9	87.0	18.0	102	22.6	116	27.3
	35	45.6	8.56	56.9	11.0	72.1	14.8	79.5	16.9	87.0	19.2	102	24.0	114	28.3
	37	45.6	9.05	56.9	11.7	72.1	15.7	79.5	18.0	87.0	20.4	102	25.6	112	29.3
	39	45.6	9.56	56.9	12.3	72.1	16.7	79.5	19.1	87.0	21.7	102	27.3	110	30.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (800)	10	40.5	5.32	50.6	6.44	64.1	8.09	70.7	8.95	77.4	9.84	90.5	11.7	103	13.6
	12	40.5	5.40	50.6	6.54	64.1	8.22	70.7	9.10	77.4	10.0	90.5	11.9	103	13.8
	14	40.5	5.47	50.6	6.64	64.1	8.36	70.7	9.26	77.4	10.2	90.5	12.1	103	14.1
	16	40.5	5.55	50.6	6.74	64.1	8.50	70.7	9.42	77.4	10.4	90.5	12.3	103	14.3
	18	40.5	5.63	50.6	6.85	64.1	8.65	70.7	9.59	77.4	10.6	90.5	12.6	103	14.6
	20	40.5	5.71	50.6	6.96	64.1	8.81	70.7	9.77	77.4	10.8	90.5	12.8	103	15.0
	21	40.5	5.75	50.6	7.02	64.1	8.89	70.7	9.86	77.4	10.9	90.5	13.0	103	15.5
	23	40.5	5.84	50.6	7.14	64.1	9.05	70.7	10.1	77.4	11.2	90.5	13.8	103	16.6
	25	40.5	5.93	50.6	7.26	64.1	9.42	70.7	10.6	77.4	11.9	90.5	14.7	103	17.7
	27	40.5	6.06	50.6	7.62	64.1	10.0	70.7	11.3	77.4	12.7	90.5	15.7	103	19.0
	29	40.5	6.42	50.6	8.08	64.1	10.7	70.7	12.1	77.4	13.5	90.5	16.8	103	20.2
	31	40.5	6.78	50.6	8.56	64.1	11.3	70.7	12.8	77.4	14.4	90.5	17.9	103	21.6
	33	40.5	7.17	50.6	9.07	64.1	12.0	70.7	13.6	77.4	15.3	90.5	19.0	103	23.0
	35	40.5	7.57	50.6	9.60	64.1	12.7	70.7	14.5	77.4	16.3	90.5	20.3	103	24.5
	37	40.5	7.99	50.6	10.2	64.1	13.5	70.7	15.4	77.4	17.3	90.5	21.6	103	26.1
	39	40.5	8.43	50.6	10.7	64.1	14.3	70.7	16.3	77.4	18.4	90.5	22.9	103	27.8
70% (700)	10	35.5	4.79	44.2	5.73	56.1	7.09	61.9	7.81	67.7	8.55	79.2	10.1	90.3	11.7
	12	35.5	4.85	44.2	5.81	56.1	7.21	61.9	7.94	67.7	8.70	79.2	10.3	90.3	11.9
	14	35.5	4.91	44.2	5.89	56.1	7.32	61.9	8.07	67.7	8.85	79.2	10.5	90.3	12.1
	16	35.5	4.98	44.2	5.97	56.1	7.44	61.9	8.20	67.7	9.00	79.2	10.6	90.3	12.3
	18	35.5	5.05	44.2	6.06	56.1	7.56	61.9	8.35	67.7	9.16	79.2	10.8	90.3	12.6
	20	35.5	5.11	44.2	6.16	56.1	7.69	61.9	8.50	67.7	9.33	79.2	11.1	90.3	12.8
	21	35.5	5.15	44.2	6.21	56.1	7.76	61.9	8.57	67.7	9.42	79.2	11.2	90.3	12.9
	23	35.5	5.22	44.2	6.31	56.1	7.90	61.9	8.73	67.7	9.59	79.2	11.5	90.3	13.8
	25	35.5	5.30	44.2	6.41	56.1	8.05	61.9	9.03	67.7	10.1	79.2	12.3	90.3	14.7
	27	35.5	5.38	44.2	6.61	56.1	8.55	61.9	9.60	67.7	10.7	79.2	13.1	90.3	15.7
	29	35.5	5.65	44.2	7.00	56.1	9.08	61.9	10.2	67.7	11.4	79.2	14.0	90.3	16.7
	31	35.5	5.97	44.2	7.41	56.1	9.64	61.9	10.8	67.7	12.1	79.2	14.9	90.3	17.8
	33	35.5	6.30	44.2	7.84	56.1	10.2	61.9	11.5	67.7	12.9	79.2	15.8	90.3	19.0
	35	35.5	6.64	44.2	8.29	56.1	10.8	61.9	12.2	67.7	13.7	79.2	16.8	90.3	20.2
	37	35.5	7.00	44.2	8.75	56.1	11.5	61.9	12.9	67.7	14.5	79.2	17.9	90.3	21.5
	39	35.5	7.37	44.2	9.24	56.1	12.1	61.9	13.7	67.7	15.4	79.2	19.0	90.3	22.9
60% (600)	10	30.4	4.29	37.9	5.05	48.1	6.15	53.0	6.73	58.0	7.33	67.9	8.58	77.4	9.85
	12	30.4	4.34	37.9	5.11	48.1	6.24	53.0	6.83	58.0	7.45	67.9	8.72	77.4	10.0
	14	30.4	4.39	37.9	5.18	48.1	6.34	53.0	6.94	58.0	7.57	67.9	8.87	77.4	10.2
	16	30.4	4.44	37.9	5.25	48.1	6.43	53.0	7.05	58.0	7.69	67.9	9.03	77.4	10.4
	18	30.4	4.49	37.9	5.32	48.1	6.53	53.0	7.17	58.0	7.83	67.9	9.19	77.4	10.6
	20	30.4	4.55	37.9	5.40	48.1	6.64	53.0	7.29	58.0	7.96	67.9	9.36	77.4	10.8
	21	30.4	4.58	37.9	5.44	48.1	6.69	53.0	7.35	58.0	8.03	67.9	9.45	77.4	10.9
	23	30.4	4.64	37.9	5.52	48.1	6.80	53.0	7.48	58.0	8.18	67.9	9.63	77.4	11.2
	25	30.4	4.70	37.9	5.60	48.1	6.92	53.0	7.61	58.0	8.37	67.9	10.1	77.4	11.9
	27	30.4	4.77	37.9	5.69	48.1	7.21	53.0	8.03	58.0	8.90	67.9	10.8	77.4	12.7
	29	30.4	4.94	37.9	6.01	48.1	7.64	53.0	8.52	58.0	9.45	67.9	11.4	77.4	13.6
	31	30.4	5.21	37.9	6.35	48.1	8.10	53.0	9.04	58.0	10.0	67.9	12.2	77.4	14.4
	33	30.4	5.49	37.9	6.71	48.1	8.57	53.0	9.57	58.0	10.6	67.9	12.9	77.4	15.4
	35	30.4	5.77	37.9	7.08	48.1	9.07	53.0	10.1	58.0	11.3	67.9	13.7	77.4	16.3
	37	30.4	6.08	37.9	7.46	48.1	9.59	53.0	10.7	58.0	11.9	67.9	14.6	77.4	17.3
	39	30.4	6.39	37.9	7.87	48.1	10.1	53.0	11.4	58.0	12.7	67.9	15.4	77.4	18.4
50% (500)	10	25.3	3.81	31.6	4.41	40.0	5.27	44.2	5.72	48.4	6.19	56.6	7.16	64.5	8.15
	12	25.3	3.85	31.6	4.46	40.0	5.34	44.2	5.80	48.4	6.28	56.6	7.27	64.5	8.28
	14	25.3	3.89	31.6	4.51	40.0	5.41	44.2	5.88	48.4	6.37	56.6	7.39	64.5	8.42
	16	25.3	3.93	31.6	4.56	40.0	5.49	44.2	5.97	48.4	6.47	56.6	7.51	64.5	8.56
	18	25.3	3.97	31.6	4.62	40.0	5.57	44.2	6.06	48.4	6.57	56.6	7.63	64.5	8.72
	20	25.3	4.02	31.6	4.68	40.0	5.65	44.2	6.15	48.4	6.68	56.6	7.76	64.5	8.87
	21	25.3	4.04	31.6	4.71	40.0	5.69	44.2	6.20	48.4	6.73	56.6	7.83	64.5	8.95
	23	25.3	4.09	31.6	4.77	40.0	5.78	44.2	6.30	48.4	6.84	56.6	7.97	64.5	9.12
	25	25.3	4.13	31.6	4.84	40.0	5.87	44.2	6.40	48.4	6.96	56.6	8.13	64.5	9.50
	27	25.3	4.19	31.6	4.91	40.0	5.99	44.2	6.61	48.4	7.26	56.6	8.65	64.5	10.1
	29	25.3	4.28	31.6	5.10	40.0	6.34	44.2	7.00	48.4	7.69	56.6	9.18	64.5	10.7
	31	25.3	4.50	31.6	5.38	40.0	6.70	44.2	7.41	48.4	8.15	56.6	9.74	64.5	11.4
	33	25.3	4.74	31.6	5.67	40.0	7.08	44.2	7.83	48.4	8.63	56.6	10.3	64.5	12.1
	35	25.3	4.98	31.6	5.97	40.0	7.47	44.2	8.28	48.4	9.13	56.6	10.9	64.5	12.9
	37	25.3	5.23	31.6	6.28	40.0	7.89	44.2	8.74	48.4	9.65	56.6	11.6	64.5	13.6
	39	25.3	5.48	31.6	6.61	40.0	8.32	44.2	9.23	48.4	10.2	56.6	12.3	64.5	14.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ42THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1365)	10	69.7	8.78	86.9	11.1	110	14.4	121	16.2	133	18.0	151	20.4	155	19.5
	12	69.7	8.93	86.9	11.3	110	14.7	121	16.5	133	18.3	149	20.3	153	19.4
	14	69.7	9.08	86.9	11.5	110	15.0	121	16.8	133	18.6	147	20.2	151	19.5
	16	69.7	9.24	86.9	11.7	110	15.3	121	17.1	133	19.0	145	20.4	149	20.6
	18	69.7	9.40	86.9	11.9	110	15.6	121	17.5	133	19.6	143	21.4	147	21.6
	20	69.7	9.57	86.9	12.1	110	16.0	121	18.4	133	21.0	141	22.5	145	22.7
	21	69.7	9.66	86.9	12.3	110	16.5	121	19.1	133	21.8	140	23.0	144	23.2
	23	69.7	9.84	86.9	12.8	110	17.7	121	20.4	133	23.4	138	24.0	142	24.3
	25	69.7	10.3	86.9	13.6	110	18.9	121	21.9	132	24.8	136	25.1	140	25.4
	27	69.7	10.9	86.9	14.5	110	20.2	121	23.4	130	25.8	134	26.1	139	26.4
	29	69.7	11.6	86.9	15.5	110	21.6	121	25.0	128	26.9	133	27.2	137	27.5
	31	69.7	12.4	86.9	16.5	110	23.1	121	26.7	126	27.9	131	28.3	135	28.6
	33	69.7	13.1	86.9	17.6	110	24.6	121	28.5	124	29.0	129	29.3	133	29.7
	35	69.7	13.9	86.9	18.7	110	26.2	120	29.8	122	30.0	127	30.4	131	30.8
	37	69.7	14.8	86.9	19.9	110	27.9	118	30.9	120	31.1	125	31.5	129	31.9
	39	69.7	15.7	86.9	21.1	110	29.7	116	32.0	119	32.2	123	32.6	127	33.0
120% (1260)	10	64.3	8.11	80.2	10.2	102	13.2	112	14.8	123	16.4	144	19.6	153	20.1
	12	64.3	8.24	80.2	10.3	102	13.4	112	15.0	123	16.7	144	20.0	151	20.0
	14	64.3	8.37	80.2	10.5	102	13.7	112	15.3	123	17.0	144	20.4	149	19.9
	16	64.3	8.51	80.2	10.7	102	13.9	112	15.6	123	17.3	143	20.6	147	20.5
	18	64.3	8.66	80.2	10.9	102	14.2	112	15.9	123	17.7	141	21.3	145	21.5
	20	64.3	8.81	80.2	11.1	102	14.5	112	16.4	123	18.7	139	22.3	143	22.6
	21	64.3	8.89	80.2	11.2	102	14.8	112	17.0	123	19.4	138	22.8	142	23.1
	23	64.3	9.05	80.2	11.5	102	15.8	112	18.2	123	20.7	136	23.9	140	24.1
	25	64.3	9.34	80.2	12.3	102	16.9	112	19.5	123	22.2	134	24.9	138	25.2
	27	64.3	9.93	80.2	13.1	102	18.1	112	20.8	123	23.8	132	26.0	136	26.3
	29	64.3	10.6	80.2	13.9	102	19.3	112	22.2	123	25.4	130	27.0	134	27.3
	31	64.3	11.2	80.2	14.8	102	20.5	112	23.7	123	27.1	128	28.1	132	28.4
	33	64.3	11.9	80.2	15.8	102	21.9	112	25.3	122	28.8	126	29.2	130	29.5
	35	64.3	12.6	80.2	16.7	102	23.3	112	26.9	121	29.9	124	30.2	128	30.6
	37	64.3	13.4	80.2	17.8	102	24.8	112	28.7	119	30.9	122	31.3	126	31.7
	39	64.3	14.2	80.2	18.9	102	26.4	112	30.6	117	32.0	121	32.4	124	32.8
110% (1155)	10	58.9	7.45	73.5	9.28	93.1	12.0	103	13.4	112	14.8	132	17.8	150	20.7
	12	58.9	7.57	73.5	9.44	93.1	12.2	103	13.6	112	15.1	132	18.1	148	20.6
	14	58.9	7.69	73.5	9.60	93.1	12.4	103	13.9	112	15.4	132	18.4	146	20.5
	16	58.9	7.81	73.5	9.77	93.1	12.6	103	14.1	112	15.7	132	18.8	144	20.3
	18	58.9	7.94	73.5	9.94	93.1	12.9	103	14.4	112	16.0	132	19.3	142	21.4
	20	58.9	8.08	73.5	10.1	93.1	13.1	103	14.7	112	16.5	132	20.7	140	22.4
	21	58.9	8.15	73.5	10.2	93.1	13.3	103	15.0	112	17.1	132	21.5	139	22.9
	23	58.9	8.29	73.5	10.4	93.1	14.0	103	16.1	112	18.3	132	23.0	137	24.0
	25	58.9	8.44	73.5	11.0	93.1	15.0	103	17.2	112	19.5	132	24.7	135	25.0
	27	58.9	8.97	73.5	11.7	93.1	16.0	103	18.4	112	20.9	130	25.8	133	26.1
	29	58.9	9.53	73.5	12.5	93.1	17.1	103	19.6	112	22.3	128	26.9	131	27.1
	31	58.9	10.1	73.5	13.2	93.1	18.2	103	20.9	112	23.8	126	27.9	130	28.2
	33	58.9	10.7	73.5	14.1	93.1	19.3	103	22.3	112	25.4	124	29.0	128	29.3
	35	58.9	11.3	73.5	14.9	93.1	20.6	103	23.7	112	27.1	122	30.0	126	30.3
	37	58.9	12.0	73.5	15.8	93.1	21.9	103	25.2	112	28.8	120	31.1	124	31.4
	39	58.9	12.7	73.5	16.8	93.1	23.3	103	26.9	112	30.7	118	32.1	122	32.5
100% (1050)	10	53.6	6.82	66.8	8.42	84.7	10.8	93.4	12.0	102	13.3	120	15.9	136	18.5
	12	53.6	6.92	66.8	8.56	84.7	11.0	93.4	12.2	102	13.5	120	16.2	136	18.9
	14	53.6	7.02	66.8	8.70	84.7	11.2	93.4	12.5	102	13.8	120	16.5	136	19.2
	16	53.6	7.13	66.8	8.85	84.7	11.4	93.4	12.7	102	14.0	120	16.8	136	19.6
	18	53.6	7.25	66.8	9.00	84.7	11.6	93.4	12.9	102	14.3	120	17.2	136	20.4
	20	53.6	7.37	66.8	9.17	84.7	11.8	93.4	13.2	102	14.6	120	18.0	136	21.9
	21	53.6	7.43	66.8	9.25	84.7	11.9	93.4	13.3	102	14.9	120	18.7	136	22.7
	23	53.6	7.55	66.8	9.42	84.7	12.4	93.4	14.1	102	16.0	120	20.0	135	23.8
	25	53.6	7.69	66.8	9.78	84.7	13.2	93.4	15.1	102	17.1	120	21.4	133	24.8
	27	53.6	8.06	66.8	10.4	84.7	14.1	93.4	16.1	102	18.2	120	22.9	131	25.9
	29	53.6	8.55	66.8	11.1	84.7	15.0	93.4	17.1	102	19.4	120	24.4	129	26.9
	31	53.6	9.06	66.8	11.7	84.7	15.9	93.4	18.2	102	20.7	120	26.1	127	28.0
	33	53.6	9.60	66.8	12.5	84.7	17.0	93.4	19.4	102	22.1	120	27.8	125	29.0
	35	53.6	10.2	66.8	13.2	84.7	18.0	93.4	20.7	102	23.5	120	29.7	123	30.1
	37	53.6	10.7	66.8	14.0	84.7	19.2	93.4	22.0	102	25.0	118	30.9	121	31.2
	39	53.6	11.4	66.8	14.9	84.7	20.4	93.4	23.4	102	26.6	116	31.9	119	32.2
90% (945)	10	48.2	6.21	60.1	7.59	76.2	9.64	84.1	10.7	92.0	11.8	108	14.1	123	16.4
	12	48.2	6.29	60.1	7.71	76.2	9.80	84.1	10.9	92.0	12.0	108	14.4	123	16.7
	14	48.2	6.38	60.1	7.84	76.2	9.97	84.1	11.1	92.0	12.2	108	14.6	123	17.0
	16	48.2	6.48	60.1	7.96	76.2	10.2	84.1	11.3	92.0	12.5	108	14.9	123	17.3
	18	48.2	6.58	60.1	8.10	76.2	10.3	84.1	11.5	92.0	12.7	108	15.2	123	17.7
	20	48.2	6.68	60.1	8.24	76.2	10.5	84.1	11.7	92.0	13.0	108	15.5	123	18.7
	21	48.2	6.73	60.1	8.31	76.2	10.6	84.1	11.8	92.0	13.1	108	16.0	123	19.4
	23	48.2	6.84	60.1	8.46	76.2	10.8	84.1	12.2	92.0	13.8	108	17.2	123	20.8
	25	48.2	6.96	60.1	8.64	76.2	11.5	84.1	13.1	92.0	14.7	108	18.4	123	22.2
	27	48.2	7.20	60.1	9.18	76.2	12.3	84.1	13.9	92.0	15.7	108	19.6	123	23.8
	29	48.2	7.63	60.1	9.75	76.2	13.0	84.1	14.8	92.0	16.8	108	20.9	123	25.4
	31	48.2	8.08	60.1	10.3	76.2	13.9	84.1	15.8	92.0	17.9	108	22.3	123	27.1
	33	48.2	8.55	60.1	11.0	76.2	14.7	84.1	16.8	92.0	19.0	108	23.8	122	28.8
	35	48.2	9.04	60.1	11.6	76.2	15.7	84.1	17.9	92.0	20.2	108	25.4	121	29.9
	37	48.2	9.55	60.1	12.3	76.2	16.6	84.1	19.0	92.0	21.5	108	27.0	119	30.9
	39	48.2	10.1	60.1	13.0	76.2	17.6	84.1	20.2	92.0	22.9	108	28.8	117	32.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (840)	10	42.9	5.62	53.4	6.80	67.7	8.54	74.8	9.44	81.8	10.4	95.7	12.3	109	14.3
	12	42.9	5.69	53.4	6.90	67.7	8.68	74.8	9.61	81.8	10.6	95.7	12.6	109	14.6
	14	42.9	5.77	53.4	7.01	67.7	8.82	74.8	9.77	81.8	10.8	95.7	12.8	109	14.9
	16	42.9	5.85	53.4	7.12	67.7	8.97	74.8	9.95	81.8	11.0	95.7	13.0	109	15.1
	18	42.9	5.94	53.4	7.23	67.7	9.13	74.8	10.1	81.8	11.2	95.7	13.3	109	15.4
	20	42.9	6.03	53.4	7.35	67.7	9.30	74.8	10.3	81.8	11.4	95.7	13.5	109	15.8
	21	42.9	6.07	53.4	7.41	67.7	9.38	74.8	10.4	81.8	11.5	95.7	13.7	109	16.3
	23	42.9	6.16	53.4	7.54	67.7	9.56	74.8	10.6	81.8	11.8	95.7	14.6	109	17.5
	25	42.9	6.26	53.4	7.67	67.7	9.94	74.8	11.2	81.8	12.6	95.7	15.6	109	18.7
	27	42.9	6.40	53.4	8.04	67.7	10.6	74.8	12.0	81.8	13.4	95.7	16.6	109	20.0
	29	42.9	6.77	53.4	8.53	67.7	11.2	74.8	12.7	81.8	14.3	95.7	17.7	109	21.4
	31	42.9	7.16	53.4	9.04	67.7	11.9	74.8	13.5	81.8	15.2	95.7	18.9	109	22.8
	33	42.9	7.57	53.4	9.57	67.7	12.7	74.8	14.4	81.8	16.2	95.7	20.1	109	24.3
	35	42.9	7.99	53.4	10.1	67.7	13.5	74.8	15.3	81.8	17.2	95.7	21.4	109	25.9
	37	42.9	8.43	53.4	10.7	67.7	14.3	74.8	16.2	81.8	18.3	95.7	22.8	109	27.6
	39	42.9	8.89	53.4	11.3	67.7	15.1	74.8	17.2	81.8	19.4	95.7	24.2	109	29.4
70% (735)	10	37.5	5.06	46.8	6.04	59.3	7.49	65.4	8.24	71.6	9.03	83.8	10.7	95.5	12.3
	12	37.5	5.12	46.8	6.13	59.3	7.61	65.4	8.38	71.6	9.18	83.8	10.8	95.5	12.5
	14	37.5	5.19	46.8	6.22	59.3	7.73	65.4	8.52	71.6	9.34	83.8	11.0	95.5	12.8
	16	37.5	5.26	46.8	6.31	59.3	7.85	65.4	8.66	71.6	9.50	83.8	11.2	95.5	13.0
	18	37.5	5.33	46.8	6.40	59.3	7.98	65.4	8.81	71.6	9.67	83.8	11.5	95.5	13.3
	20	37.5	5.40	46.8	6.50	59.3	8.12	65.4	8.97	71.6	9.85	83.8	11.7	95.5	13.5
	21	37.5	5.44	46.8	6.55	59.3	8.19	65.4	9.05	71.6	9.94	83.8	11.8	95.5	13.7
	23	37.5	5.51	46.8	6.66	59.3	8.34	65.4	9.22	71.6	10.1	83.8	12.2	95.5	14.5
	25	37.5	5.59	46.8	6.77	59.3	8.50	65.4	9.53	71.6	10.6	83.8	13.0	95.5	15.5
	27	37.5	5.68	46.8	6.98	59.3	9.03	65.4	10.1	71.6	11.3	83.8	13.9	95.5	16.6
	29	37.5	5.96	46.8	7.39	59.3	9.59	65.4	10.8	71.6	12.0	83.8	14.8	95.5	17.7
	31	37.5	6.30	46.8	7.82	59.3	10.2	65.4	11.4	71.6	12.8	83.8	15.7	95.5	18.8
	33	37.5	6.65	46.8	8.27	59.3	10.8	65.4	12.1	71.6	13.6	83.8	16.7	95.5	20.0
	35	37.5	7.01	46.8	8.75	59.3	11.4	65.4	12.9	71.6	14.4	83.8	17.8	95.5	21.3
	37	37.5	7.38	46.8	9.24	59.3	12.1	65.4	13.7	71.6	15.3	83.8	18.9	95.5	22.7
	39	37.5	7.78	46.8	9.76	59.3	12.8	65.4	14.5	71.6	16.2	83.8	20.1	95.5	24.1
60% (630)	10	32.2	4.53	40.1	5.33	50.8	6.50	56.1	7.11	61.3	7.74	71.8	9.06	81.9	10.4
	12	32.2	4.58	40.1	5.39	50.8	6.59	56.1	7.21	61.3	7.86	71.8	9.21	81.9	10.6
	14	32.2	4.63	40.1	5.47	50.8	6.69	56.1	7.33	61.3	7.99	71.8	9.37	81.9	10.8
	16	32.2	4.69	40.1	5.54	50.8	6.79	56.1	7.44	61.3	8.12	71.8	9.53	81.9	11.0
	18	32.2	4.74	40.1	5.62	50.8	6.90	56.1	7.56	61.3	8.26	71.8	9.70	81.9	11.2
	20	32.2	4.80	40.1	5.70	50.8	7.01	56.1	7.69	61.3	8.40	71.8	9.88	81.9	11.4
	21	32.2	4.83	40.1	5.74	50.8	7.06	56.1	7.76	61.3	8.48	71.8	9.97	81.9	11.5
	23	32.2	4.90	40.1	5.82	50.8	7.18	56.1	7.89	61.3	8.63	71.8	10.2	81.9	11.8
	25	32.2	4.96	40.1	5.91	50.8	7.30	56.1	8.03	61.3	8.84	71.8	10.7	81.9	12.6
	27	32.2	5.03	40.1	6.00	50.8	7.61	56.1	8.48	61.3	9.40	71.8	11.4	81.9	13.4
	29	32.2	5.21	40.1	6.35	50.8	8.07	56.1	9.00	61.3	9.98	71.8	12.1	81.9	14.3
	31	32.2	5.50	40.1	6.70	50.8	8.55	56.1	9.54	61.3	10.6	71.8	12.8	81.9	15.2
	33	32.2	5.79	40.1	7.08	50.8	9.05	56.1	10.1	61.3	11.2	71.8	13.6	81.9	16.2
	35	32.2	6.10	40.1	7.47	50.8	9.57	56.1	10.7	61.3	11.9	71.8	14.5	81.9	17.2
	37	32.2	6.41	40.1	7.88	50.8	10.1	56.1	11.3	61.3	12.6	71.8	15.4	81.9	18.3
	39	32.2	6.74	40.1	8.30	50.8	10.7	56.1	12.0	61.3	13.4	71.8	16.3	81.9	19.4
50% (525)	10	26.8	4.02	33.4	4.65	42.3	5.56	46.7	6.04	51.1	6.53	59.8	7.56	68.2	8.60
	12	26.8	4.06	33.4	4.70	42.3	5.64	46.7	6.12	51.1	6.63	59.8	7.67	68.2	8.74
	14	26.8	4.11	33.4	4.76	42.3	5.71	46.7	6.21	51.1	6.73	59.8	7.80	68.2	8.89
	16	26.8	4.15	33.4	4.82	42.3	5.79	46.7	6.30	51.1	6.83	59.8	7.92	68.2	9.04
	18	26.8	4.19	33.4	4.88	42.3	5.88	46.7	6.40	51.1	6.94	59.8	8.06	68.2	9.20
	20	26.8	4.24	33.4	4.94	42.3	5.96	46.7	6.49	51.1	7.05	59.8	8.20	68.2	9.37
	21	26.8	4.26	33.4	4.97	42.3	6.01	46.7	6.54	51.1	7.10	59.8	8.27	68.2	9.45
	23	26.8	4.31	33.4	5.04	42.3	6.10	46.7	6.65	51.1	7.22	59.8	8.41	68.2	9.63
	25	26.8	4.36	33.4	5.11	42.3	6.19	46.7	6.76	51.1	7.35	59.8	8.59	68.2	10.0
	27	26.8	4.42	33.4	5.18	42.3	6.32	46.7	6.97	51.1	7.66	59.8	9.13	68.2	10.7
	29	26.8	4.52	33.4	5.38	42.3	6.69	46.7	7.39	51.1	8.12	59.8	9.69	68.2	11.3
	31	26.8	4.75	33.4	5.68	42.3	7.07	46.7	7.82	51.1	8.60	59.8	10.3	68.2	12.1
	33	26.8	5.00	33.4	5.98	42.3	7.47	46.7	8.27	51.1	9.11	59.8	10.9	68.2	12.8
	35	26.8	5.25	33.4	6.30	42.3	7.89	46.7	8.74	51.1	9.63	59.8	11.6	68.2	13.6
	37	26.8	5.52	33.4	6.63	42.3	8.32	46.7	9.23	51.1	10.2	59.8	12.2	68.2	14.4
	39	26.8	5.79	33.4	6.98	42.3	8.78	46.7	9.75	51.1	10.8	59.8	13.0	68.2	15.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ44THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1430)	10	72.6	9.35	90.5	11.8	115	15.4	127	17.2	138	19.1	157	21.7	162	20.8
	12	72.6	9.50	90.5	12.0	115	15.7	127	17.5	138	19.5	155	21.6	160	20.7
	14	72.6	9.66	90.5	12.2	115	16.0	127	17.9	138	19.8	153	21.5	158	20.8
	16	72.6	9.83	90.5	12.4	115	16.3	127	18.2	138	20.2	151	21.7	156	21.9
	18	72.6	10.0	90.5	12.7	115	16.6	127	18.6	138	20.8	149	22.8	153	23.0
	20	72.6	10.2	90.5	12.9	115	17.0	127	19.6	138	22.4	147	23.9	151	24.2
	21	72.6	10.3	90.5	13.1	115	17.6	127	20.3	138	23.2	146	24.5	150	24.7
	23	72.6	10.5	90.5	13.6	115	18.9	127	21.8	138	24.9	144	25.6	148	25.9
	25	72.6	10.9	90.5	14.5	115	20.2	127	23.3	138	26.4	142	26.7	146	27.0
	27	72.6	11.6	90.5	15.5	115	21.5	127	24.9	136	27.5	140	27.8	144	28.1
	29	72.6	12.4	90.5	16.5	115	23.0	127	26.6	134	28.6	138	29.0	142	29.3
	31	72.6	13.2	90.5	17.6	115	24.5	127	28.4	132	29.7	136	30.1	140	30.4
	33	72.6	14.0	90.5	18.7	115	26.2	127	30.3	130	30.8	134	31.2	138	31.6
	35	72.6	14.8	90.5	19.9	115	27.9	125	31.8	128	32.0	132	32.4	136	32.8
	37	72.6	15.7	90.5	21.1	115	29.7	123	32.9	125	33.1	130	33.5	134	33.9
	39	72.6	16.7	90.5	22.5	115	31.6	121	34.0	123	34.2	128	34.7	132	35.1
120% (1320)	10	67.0	8.63	83.5	10.8	106	14.0	117	15.7	128	17.4	150	20.9	159	21.4
	12	67.0	8.77	83.5	11.0	106	14.3	117	16.0	128	17.7	150	21.3	157	21.3
	14	67.0	8.91	83.5	11.2	106	14.6	117	16.3	128	18.1	150	21.7	155	21.2
	16	67.0	9.06	83.5	11.4	106	14.8	117	16.6	128	18.4	149	21.9	153	21.8
	18	67.0	9.22	83.5	11.6	106	15.1	117	16.9	128	18.8	147	22.7	151	22.9
	20	67.0	9.38	83.5	11.8	106	15.4	117	17.5	128	19.9	145	23.8	149	24.0
	21	67.0	9.46	83.5	12.0	106	15.7	117	18.1	128	20.6	144	24.3	148	24.6
	23	67.0	9.64	83.5	12.2	106	16.8	117	19.4	128	22.1	142	25.4	146	25.7
	25	67.0	9.94	83.5	13.1	106	18.0	117	20.7	128	23.6	140	26.5	144	26.8
	27	67.0	10.6	83.5	13.9	106	19.2	117	22.1	128	25.3	138	27.7	142	27.9
	29	67.0	11.2	83.5	14.8	106	20.5	117	23.6	128	27.0	136	28.8	140	29.1
	31	67.0	11.9	83.5	15.8	106	21.9	117	25.2	128	28.8	134	29.9	138	30.2
	33	67.0	12.7	83.5	16.8	106	23.3	117	26.9	128	30.7	132	31.0	136	31.4
	35	67.0	13.4	83.5	17.8	106	24.8	117	28.7	126	31.8	130	32.2	134	32.5
	37	67.0	14.2	83.5	18.9	106	26.4	117	30.5	123	32.9	128	33.3	131	33.7
	39	67.0	15.1	83.5	20.1	106	28.1	117	32.5	121	34.0	126	34.5	129	34.9
110% (1210)	10	61.4	7.93	76.6	9.87	97.0	12.7	107	14.2	117	15.8	137	18.9	156	22.0
	12	61.4	8.05	76.6	10.0	97.0	13.0	107	14.5	117	16.1	137	19.2	154	21.9
	14	61.4	8.18	76.6	10.2	97.0	13.2	107	14.8	117	16.4	137	19.6	152	21.8
	16	61.4	8.31	76.6	10.4	97.0	13.5	107	15.0	117	16.7	137	20.0	150	21.7
	18	61.4	8.45	76.6	10.6	97.0	13.7	107	15.3	117	17.0	137	20.5	148	22.7
	20	61.4	8.60	76.6	10.8	97.0	14.0	107	15.6	117	17.5	137	22.1	146	23.8
	21	61.4	8.67	76.6	10.9	97.0	14.1	107	16.0	117	18.1	137	22.9	145	24.4
	23	61.4	8.82	76.6	11.1	97.0	14.9	107	17.1	117	19.4	137	24.5	143	25.5
	25	61.4	8.99	76.6	11.7	97.0	15.9	107	18.3	117	20.8	137	26.3	141	26.6
	27	61.4	9.55	76.6	12.5	97.0	17.0	107	19.5	117	22.2	135	27.5	139	27.7
	29	61.4	10.1	76.6	13.2	97.0	18.1	107	20.8	117	23.7	133	28.6	137	28.9
	31	61.4	10.8	76.6	14.1	97.0	19.3	107	22.2	117	25.3	131	29.7	135	30.0
	33	61.4	11.4	76.6	15.0	97.0	20.6	107	23.7	117	27.0	129	30.8	133	31.1
	35	61.4	12.1	76.6	15.9	97.0	21.9	107	25.2	117	28.8	127	31.9	131	32.3
	37	61.4	12.8	76.6	16.9	97.0	23.3	107	26.9	117	30.7	125	33.1	129	33.4
	39	61.4	13.5	76.6	17.9	97.0	24.8	107	28.6	117	32.7	123	34.2	127	34.6
100% (1100)	10	55.8	7.25	69.6	8.96	88.2	11.5	97.3	12.8	106	14.1	125	16.9	142	19.7
	12	55.8	7.36	69.6	9.11	88.2	11.7	97.3	13.0	106	14.4	125	17.2	142	20.1
	14	55.8	7.47	69.6	9.26	88.2	11.9	97.3	13.3	106	14.7	125	17.6	142	20.5
	16	55.8	7.59	69.6	9.42	88.2	12.1	97.3	13.5	106	14.9	125	17.9	142	20.9
	18	55.8	7.71	69.6	9.58	88.2	12.3	97.3	13.8	106	15.2	125	18.3	142	21.7
	20	55.8	7.84	69.6	9.75	88.2	12.6	97.3	14.0	106	15.5	125	19.2	142	23.3
	21	55.8	7.90	69.6	9.84	88.2	12.7	97.3	14.2	106	15.9	125	19.9	142	24.1
	23	55.8	8.04	69.6	10.0	88.2	13.1	97.3	15.0	106	17.0	125	21.3	140	25.3
	25	55.8	8.18	69.6	10.4	88.2	14.0	97.3	16.0	106	18.1	125	22.8	138	26.4
	27	55.8	8.58	69.6	11.1	88.2	15.0	97.3	17.1	106	19.4	125	24.3	136	27.5
	29	55.8	9.10	69.6	11.8	88.2	15.9	97.3	18.2	106	20.7	125	26.0	134	28.7
	31	55.8	9.65	69.6	12.5	88.2	17.0	97.3	19.4	106	22.1	125	27.8	132	29.8
	33	55.8	10.2	69.6	13.3	88.2	18.0	97.3	20.7	106	23.5	125	29.6	130	30.9
	35	55.8	10.8	69.6	14.1	88.2	19.2	97.3	22.0	106	25.0	125	31.6	128	32.0
	37	55.8	11.4	69.6	14.9	88.2	20.4	97.3	23.4	106	26.6	123	32.9	126	33.2
	39	55.8	12.1	69.6	15.8	88.2	21.7	97.3	24.9	106	28.4	121	34.0	124	34.3
90% (990)	10	50.2	6.60	62.6	8.08	79.4	10.3	87.6	11.4	95.8	12.6	112	15.0	128	17.4
	12	50.2	6.70	62.6	8.21	79.4	10.4	87.6	11.6	95.8	12.8	112	15.3	128	17.8
	14	50.2	6.79	62.6	8.34	79.4	10.6	87.6	11.8	95.8	13.0	112	15.6	128	18.1
	16	50.2	6.90	62.6	8.48	79.4	10.8	87.6	12.0	95.8	13.3	112	15.9	128	18.5
	18	50.2	7.00	62.6	8.62	79.4	11.0	87.6	12.2	95.8	13.5	112	16.2	128	18.8
	20	50.2	7.11	62.6	8.77	79.4	11.2	87.6	12.5	95.8	13.8	112	16.5	128	19.9
	21	50.2	7.17	62.6	8.84	79.4	11.3	87.6	12.6	95.8	13.9	112	17.1	128	20.6
	23	50.2	7.28	62.6	9.00	79.4	11.5	87.6	13.0	95.8	14.7	112	18.3	128	22.1
	25	50.2	7.41	62.6	9.19	79.4	12.2	87.6	13.9	95.8	15.7	112	19.5	128	23.7
	27	50.2	7.67	62.6	9.77	79.4	13.0	87.6	14.8	95.8	16.7	112	20.9	128	25.3
	29	50.2	8.12	62.6	10.4	79.4	13.9	87.6	15.8	95.8	17.8	112	22.3	128	27.0
	31	50.2	8.60	62.6	11.0	79.4	14.8	87.6	16.8	95.8	19.0	112	23.8	128	28.9
	33	50.2	9.10	62.6	11.7	79.4	15.7	87.6	17.9	95.8	20.2	112	25.3	128	30.7
	35	50.2	9.62	62.6	12.4	79.4	16.7	87.6	19.0	95.8	21.5	112	27.0	126	31.8
	37	50.2	10.2	62.6	13.1	79.4	17.7	87.6	20.2	95.8	22.9	112	28.8	124	32.9
	39	50.2	10.7	62.6	13.9	79.4	18.8	87.6	21.5	95.8	24.4	112	30.6	121	34.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (880)	10	44.7	5.98	55.7	7.24	70.6	9.09	77.9	10.1	85.2	11.1	99.7	13.1	114	15.2
	12	44.7	6.06	55.7	7.34	70.6	9.23	77.9	10.2	85.2	11.2	99.7	13.4	114	15.5
	14	44.7	6.14	55.7	7.46	70.6	9.39	77.9	10.4	85.2	11.4	99.7	13.6	114	15.8
	16	44.7	6.23	55.7	7.57	70.6	9.55	77.9	10.6	85.2	11.7	99.7	13.9	114	16.1
	18	44.7	6.32	55.7	7.69	70.6	9.72	77.9	10.8	85.2	11.9	99.7	14.1	114	16.4
	20	44.7	6.41	55.7	7.82	70.6	9.89	77.9	11.0	85.2	12.1	99.7	14.4	114	16.8
	21	44.7	6.46	55.7	7.88	70.6	9.98	77.9	11.1	85.2	12.2	99.7	14.6	114	17.4
	23	44.7	6.56	55.7	8.02	70.6	10.2	77.9	11.3	85.2	12.6	99.7	15.5	114	18.6
	25	44.7	6.66	55.7	8.16	70.6	10.6	77.9	11.9	85.2	13.4	99.7	16.6	114	19.9
	27	44.7	6.81	55.7	8.56	70.6	11.3	77.9	12.7	85.2	14.3	99.7	17.7	114	21.3
	29	44.7	7.21	55.7	9.08	70.6	12.0	77.9	13.5	85.2	15.2	99.7	18.8	114	22.7
	31	44.7	7.62	55.7	9.62	70.6	12.7	77.9	14.4	85.2	16.2	99.7	20.1	114	24.2
	33	44.7	8.05	55.7	10.2	70.6	13.5	77.9	15.3	85.2	17.2	99.7	21.4	114	25.8
	35	44.7	8.50	55.7	10.8	70.6	14.3	77.9	16.2	85.2	18.3	99.7	22.8	114	27.5
	37	44.7	8.97	55.7	11.4	70.6	15.2	77.9	17.2	85.2	19.5	99.7	24.2	114	29.3
	39	44.7	9.46	55.7	12.1	70.6	16.1	77.9	18.3	85.2	20.7	99.7	25.8	114	31.2
70% (770)	10	39.1	5.39	48.7	6.43	61.7	7.97	68.1	8.77	74.5	9.61	87.2	11.3	99.5	13.1
	12	39.1	5.45	48.7	6.52	61.7	8.09	68.1	8.92	74.5	9.77	87.2	11.5	99.5	13.3
	14	39.1	5.52	48.7	6.61	61.7	8.22	68.1	9.06	74.5	9.94	87.2	11.7	99.5	13.6
	16	39.1	5.59	48.7	6.71	61.7	8.36	68.1	9.22	74.5	10.1	87.2	12.0	99.5	13.8
	18	39.1	5.67	48.7	6.81	61.7	8.50	68.1	9.38	74.5	10.3	87.2	12.2	99.5	14.1
	20	39.1	5.74	48.7	6.92	61.7	8.64	68.1	9.54	74.5	10.5	87.2	12.4	99.5	14.4
	21	39.1	5.78	48.7	6.97	61.7	8.72	68.1	9.63	74.5	10.6	87.2	12.5	99.5	14.5
	23	39.1	5.87	48.7	7.08	61.7	8.87	68.1	9.81	74.5	10.8	87.2	13.0	99.5	15.4
	25	39.1	5.95	48.7	7.20	61.7	9.04	68.1	10.1	74.5	11.3	87.2	13.8	99.5	16.5
	27	39.1	6.04	48.7	7.43	61.7	9.61	68.1	10.8	74.5	12.0	87.2	14.7	99.5	17.6
	29	39.1	6.35	48.7	7.87	61.7	10.2	68.1	11.5	74.5	12.8	87.2	15.7	99.5	18.8
	31	39.1	6.70	48.7	8.33	61.7	10.8	68.1	12.2	74.5	13.6	87.2	16.7	99.5	20.0
	33	39.1	7.07	48.7	8.81	61.7	11.5	68.1	12.9	74.5	14.5	87.2	17.8	99.5	21.3
	35	39.1	7.46	48.7	9.31	61.7	12.2	68.1	13.7	74.5	15.4	87.2	18.9	99.5	22.7
	37	39.1	7.86	48.7	9.83	61.7	12.9	68.1	14.5	74.5	16.3	87.2	20.1	99.5	24.2
	39	39.1	8.28	48.7	10.4	61.7	13.6	68.1	15.4	74.5	17.3	87.2	21.3	99.5	25.7
60% (660)	10	33.5	4.82	41.8	5.67	52.9	6.91	58.4	7.56	63.9	8.24	74.8	9.64	85.3	11.1
	12	33.5	4.87	41.8	5.74	52.9	7.01	58.4	7.68	63.9	8.37	74.8	9.80	85.3	11.3
	14	33.5	4.93	41.8	5.82	52.9	7.12	58.4	7.80	63.9	8.50	74.8	9.97	85.3	11.5
	16	33.5	4.99	41.8	5.89	52.9	7.23	58.4	7.92	63.9	8.64	74.8	10.1	85.3	11.7
	18	33.5	5.05	41.8	5.98	52.9	7.34	58.4	8.05	63.9	8.79	74.8	10.3	85.3	11.9
	20	33.5	5.11	41.8	6.06	52.9	7.46	58.4	8.19	63.9	8.94	74.8	10.5	85.3	12.1
	21	33.5	5.14	41.8	6.11	52.9	7.52	58.4	8.25	63.9	9.02	74.8	10.6	85.3	12.2
	23	33.5	5.21	41.8	6.20	52.9	7.64	58.4	8.40	63.9	9.18	74.8	10.8	85.3	12.6
	25	33.5	5.28	41.8	6.29	52.9	7.77	58.4	8.55	63.9	9.41	74.8	11.4	85.3	13.4
	27	33.5	5.35	41.8	6.39	52.9	8.10	58.4	9.02	63.9	10.0	74.8	12.1	85.3	14.3
	29	33.5	5.55	41.8	6.75	52.9	8.59	58.4	9.57	63.9	10.6	74.8	12.9	85.3	15.2
	31	33.5	5.85	41.8	7.14	52.9	9.09	58.4	10.2	63.9	11.3	74.8	13.7	85.3	16.2
	33	33.5	6.16	41.8	7.53	52.9	9.63	58.4	10.8	63.9	12.0	74.8	14.5	85.3	17.2
	35	33.5	6.49	41.8	7.95	52.9	10.2	58.4	11.4	63.9	12.7	74.8	15.4	85.3	18.3
	37	33.5	6.82	41.8	8.38	52.9	10.8	58.4	12.1	63.9	13.4	74.8	16.4	85.3	19.5
	39	33.5	7.18	41.8	8.84	52.9	11.4	58.4	12.8	63.9	14.2	74.8	17.4	85.3	20.7
50% (550)	10	27.9	4.28	34.8	4.95	44.1	5.92	48.7	6.43	53.2	6.95	62.3	8.04	71.1	9.15
	12	27.9	4.32	34.8	5.01	44.1	6.00	48.7	6.52	53.2	7.05	62.3	8.17	71.1	9.30
	14	27.9	4.37	34.8	5.06	44.1	6.08	48.7	6.61	53.2	7.16	62.3	8.30	71.1	9.46
	16	27.9	4.41	34.8	5.13	44.1	6.16	48.7	6.71	53.2	7.27	62.3	8.43	71.1	9.62
	18	27.9	4.46	34.8	5.19	44.1	6.25	48.7	6.81	53.2	7.38	62.3	8.57	71.1	9.79
	20	27.9	4.51	34.8	5.26	44.1	6.34	48.7	6.91	53.2	7.50	62.3	8.72	71.1	9.97
	21	27.9	4.54	34.8	5.29	44.1	6.39	48.7	6.96	53.2	7.56	62.3	8.80	71.1	10.1
	23	27.9	4.59	34.8	5.36	44.1	6.49	48.7	7.08	53.2	7.69	62.3	8.95	71.1	10.2
	25	27.9	4.64	34.8	5.43	44.1	6.59	48.7	7.19	53.2	7.82	62.3	9.14	71.1	10.7
	27	27.9	4.70	34.8	5.51	44.1	6.73	48.7	7.42	53.2	8.15	62.3	9.71	71.1	11.4
	29	27.9	4.81	34.8	5.73	44.1	7.12	48.7	7.86	53.2	8.64	62.3	10.3	71.1	12.1
	31	27.9	5.06	34.8	6.04	44.1	7.53	48.7	8.32	53.2	9.16	62.3	10.9	71.1	12.8
	33	27.9	5.32	34.8	6.37	44.1	7.95	48.7	8.80	53.2	9.69	62.3	11.6	71.1	13.6
	35	27.9	5.59	34.8	6.71	44.1	8.39	48.7	9.30	53.2	10.3	62.3	12.3	71.1	14.4
	37	27.9	5.87	34.8	7.06	44.1	8.86	48.7	9.82	53.2	10.8	62.3	13.0	71.1	15.3
	39	27.9	6.16	34.8	7.43	44.1	9.34	48.7	10.4	53.2	11.5	62.3	13.8	71.1	16.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ46THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1495)	10	75.5	9.91	94.1	12.5	119	16.3	132	18.3	144	20.3	164	23.1	168	22.0
	12	75.5	10.1	94.1	12.7	119	16.6	132	18.6	144	20.6	162	22.9	166	21.9
	14	75.5	10.2	94.1	13.0	119	16.9	132	19.0	144	21.0	159	22.8	164	22.0
	16	75.5	10.4	94.1	13.2	119	17.2	132	19.3	144	21.4	157	23.0	162	23.2
	18	75.5	10.6	94.1	13.5	119	17.6	132	19.7	144	22.1	155	24.2	160	24.4
	20	75.5	10.8	94.1	13.7	119	18.0	132	20.8	144	23.7	153	25.3	157	25.6
	21	75.5	10.9	94.1	13.8	119	18.7	132	21.5	144	24.6	152	25.9	156	26.2
	23	75.5	11.1	94.1	14.4	119	20.0	132	23.1	144	26.4	150	27.1	154	27.4
	25	75.5	11.6	94.1	15.4	119	21.4	132	24.7	143	28.0	148	28.3	152	28.6
	27	75.5	12.4	94.1	16.4	119	22.8	132	26.4	141	29.2	146	29.5	150	29.8
	29	75.5	13.1	94.1	17.5	119	24.4	132	28.2	139	30.3	144	30.7	148	31.1
	31	75.5	14.0	94.1	18.6	119	26.0	132	30.1	137	31.5	141	31.9	146	32.3
	33	75.5	14.8	94.1	19.8	119	27.7	132	32.1	135	32.7	139	33.1	144	33.5
	35	75.5	15.7	94.1	21.1	119	29.6	130	33.7	133	33.9	137	34.3	142	34.7
	37	75.5	16.7	94.1	22.4	119	31.5	128	34.9	131	35.1	135	35.6	140	36.0
	39	75.5	17.7	94.1	23.8	119	33.6	126	36.1	128	36.3	133	36.8	137	37.2
120% (1380)	10	69.7	9.15	86.9	11.5	110	14.9	121	16.7	133	18.5	156	22.2	165	22.7
	12	69.7	9.29	86.9	11.7	110	15.2	121	17.0	133	18.8	156	22.6	163	22.6
	14	69.7	9.45	86.9	11.9	110	15.4	121	17.3	133	19.2	156	23.0	161	22.4
	16	69.7	9.61	86.9	12.1	110	15.7	121	17.6	133	19.5	155	23.3	159	23.1
	18	69.7	9.77	86.9	12.3	110	16.0	121	18.0	133	19.9	153	24.0	157	24.3
	20	69.7	9.94	86.9	12.6	110	16.4	121	18.5	133	21.1	151	25.2	155	25.4
	21	69.7	10.0	86.9	12.7	110	16.7	121	19.2	133	21.8	150	25.8	154	26.0
	23	69.7	10.2	86.9	13.0	110	17.8	121	20.5	133	23.4	147	27.0	152	27.2
	25	69.7	10.5	86.9	13.9	110	19.1	121	22.0	133	25.1	145	28.1	149	28.4
	27	69.7	11.2	86.9	14.8	110	20.4	121	23.5	133	26.8	143	29.3	147	29.6
	29	69.7	11.9	86.9	15.7	110	21.7	121	25.1	133	28.6	141	30.5	145	30.8
	31	69.7	12.6	86.9	16.7	110	23.2	121	26.7	133	30.6	139	31.7	143	32.0
	33	69.7	13.4	86.9	17.8	110	24.7	121	28.5	133	32.5	137	32.9	141	33.3
	35	69.7	14.2	86.9	18.9	110	26.3	121	30.4	131	33.7	135	34.1	139	34.5
	37	69.7	15.1	86.9	20.1	110	28.0	121	32.4	128	34.9	133	35.3	137	35.7
	39	69.7	16.0	86.9	21.3	110	29.8	121	34.5	126	36.1	131	36.5	135	37.0
110% (1265)	10	63.9	8.41	79.6	10.5	101	13.5	111	15.1	122	16.7	143	20.0	163	23.3
	12	63.9	8.54	79.6	10.6	101	13.7	111	15.4	122	17.0	143	20.4	160	23.2
	14	63.9	8.67	79.6	10.8	101	14.0	111	15.6	122	17.3	143	20.8	158	23.1
	16	63.9	8.81	79.6	11.0	101	14.3	111	15.9	122	17.7	143	21.2	156	23.0
	18	63.9	8.96	79.6	11.2	101	14.5	111	16.3	122	18.0	143	21.8	154	24.1
	20	63.9	9.11	79.6	11.4	101	14.8	111	16.6	122	18.6	143	23.4	152	25.3
	21	63.9	9.19	79.6	11.5	101	15.0	111	16.9	122	19.2	143	24.2	151	25.9
	23	63.9	9.36	79.6	11.8	101	15.8	111	18.1	122	20.6	143	26.0	149	27.0
	25	63.9	9.53	79.6	12.4	101	16.9	111	19.4	122	22.1	143	27.8	147	28.2
	27	63.9	10.1	79.6	13.2	101	18.0	111	20.7	122	23.6	141	29.1	145	29.4
	29	63.9	10.7	79.6	14.0	101	19.2	111	22.1	122	25.2	139	30.3	142	30.6
	31	63.9	11.4	79.6	14.9	101	20.5	111	23.6	122	26.9	137	31.5	140	31.8
	33	63.9	12.1	79.6	15.9	101	21.8	111	25.1	122	28.6	134	32.7	138	33.0
	35	63.9	12.8	79.6	16.8	101	23.2	111	26.7	122	30.5	132	33.9	136	34.2
	37	63.9	13.6	79.6	17.9	101	24.7	111	28.5	122	32.5	130	35.1	134	35.4
	39	63.9	14.4	79.6	19.0	101	26.3	111	30.3	122	34.6	128	36.3	132	36.7
100% (1150)	10	58.1	7.69	72.4	9.50	91.7	12.2	101	13.6	111	15.0	130	17.9	148	20.9
	12	58.1	7.81	72.4	9.66	91.7	12.4	101	13.8	111	15.3	130	18.3	148	21.3
	14	58.1	7.92	72.4	9.82	91.7	12.6	101	14.1	111	15.6	130	18.6	148	21.7
	16	58.1	8.05	72.4	9.99	91.7	12.8	101	14.3	111	15.9	130	19.0	148	22.1
	18	58.1	8.18	72.4	10.2	91.7	13.1	101	14.6	111	16.2	130	19.4	148	23.0
	20	58.1	8.31	72.4	10.3	91.7	13.3	101	14.9	111	16.5	130	20.3	148	24.7
	21	58.1	8.38	72.4	10.4	91.7	13.5	101	15.0	111	16.8	130	21.0	148	25.6
	23	58.1	8.52	72.4	10.6	91.7	13.9	101	15.9	111	18.0	130	22.6	146	26.9
	25	58.1	8.67	72.4	11.0	91.7	14.9	101	17.0	111	19.2	130	24.1	144	28.0
	27	58.1	9.10	72.4	11.7	91.7	15.9	101	18.1	111	20.6	130	25.8	142	29.2
	29	58.1	9.65	72.4	12.5	91.7	16.9	101	19.3	111	21.9	130	27.6	140	30.4
	31	58.1	10.2	72.4	13.3	91.7	18.0	101	20.6	111	23.4	130	29.4	138	31.6
	33	58.1	10.8	72.4	14.1	91.7	19.1	101	21.9	111	24.9	130	31.4	135	32.8
	35	58.1	11.5	72.4	14.9	91.7	20.3	101	23.3	111	26.5	130	33.5	133	34.0
	37	58.1	12.1	72.4	15.8	91.7	21.6	101	24.8	111	28.3	128	34.8	131	35.2
	39	58.1	12.8	72.4	16.8	91.7	23.0	101	26.4	111	30.1	126	36.0	129	36.4
90% (1035)	10	52.2	7.00	65.1	8.57	82.6	10.9	91.1	12.1	99.7	13.3	117	15.9	133	18.5
	12	52.2	7.10	65.1	8.70	82.6	11.1	91.1	12.3	99.7	13.6	117	16.2	133	18.8
	14	52.2	7.20	65.1	8.84	82.6	11.3	91.1	12.5	99.7	13.8	117	16.5	133	19.2
	16	52.2	7.31	65.1	8.99	82.6	11.5	91.1	12.7	99.7	14.1	117	16.8	133	19.6
	18	52.2	7.42	65.1	9.14	82.6	11.7	91.1	13.0	99.7	14.3	117	17.1	133	20.0
	20	52.2	7.54	65.1	9.30	82.6	11.9	91.1	13.2	99.7	14.6	117	17.5	133	21.1
	21	52.2	7.60	65.1	9.38	82.6	12.0	91.1	13.4	99.7	14.8	117	18.1	133	21.9
	23	52.2	7.72	65.1	9.54	82.6	12.2	91.1	13.8	99.7	15.6	117	19.4	133	23.4
	25	52.2	7.85	65.1	9.75	82.6	13.0	91.1	14.7	99.7	16.6	117	20.7	133	25.1
	27	52.2	8.13	65.1	10.4	82.6	13.8	91.1	15.7	99.7	17.7	117	22.1	133	26.8
	29	52.2	8.61	65.1	11.0	82.6	14.7	91.1	16.7	99.7	18.9	117	23.6	133	28.7
	31	52.2	9.12	65.1	11.7	82.6	15.7	91.1	17.8	99.7	20.2	117	25.2	133	30.6
	33	52.2	9.65	65.1	12.4	82.6	16.6	91.1	19.0	99.7	21.5	117	26.9	133	32.5
	35	52.2	10.2	65.1	13.1	82.6	17.7	91.1	20.2	99.7	22.8	117	28.6	131	33.7
	37	52.2	10.8	65.1	13.9	82.6	18.8	91.1	21.4	99.7	24.3	117	30.5	128	34.9
	39	52.2	11.4	65.1	14.7	82.6	19.9	91.1	22.8	99.7	25.8	117	32.5	126	36.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (920)	10	46.4	6.34	57.9	7.67	73.4	9.63	81.0	10.7	88.6	11.7	104	13.9	118	16.1
	12	46.4	6.43	57.9	7.79	73.4	9.79	81.0	10.8	88.6	11.9	104	14.2	118	16.4
	14	46.4	6.51	57.9	7.91	73.4	9.96	81.0	11.0	88.6	12.1	104	14.4	118	16.8
	16	46.4	6.61	57.9	8.03	73.4	10.1	81.0	11.2	88.6	12.4	104	14.7	118	17.1
	18	46.4	6.70	57.9	8.16	73.4	10.3	81.0	11.4	88.6	12.6	104	15.0	118	17.4
	20	46.4	6.80	57.9	8.29	73.4	10.5	81.0	11.6	88.6	12.8	104	15.3	118	17.8
	21	46.4	6.85	57.9	8.36	73.4	10.6	81.0	11.7	88.6	13.0	104	15.4	118	18.4
	23	46.4	6.95	57.9	8.50	73.4	10.8	81.0	12.0	88.6	13.3	104	16.4	118	19.7
	25	46.4	7.06	57.9	8.65	73.4	11.2	81.0	12.7	88.6	14.2	104	17.6	118	21.1
	27	46.4	7.22	57.9	9.07	73.4	11.9	81.0	13.5	88.6	15.2	104	18.7	118	22.6
	29	46.4	7.64	57.9	9.62	73.4	12.7	81.0	14.4	88.6	16.1	104	20.0	118	24.1
	31	46.4	8.08	57.9	10.2	73.4	13.5	81.0	15.3	88.6	17.2	104	21.3	118	25.7
	33	46.4	8.54	57.9	10.8	73.4	14.3	81.0	16.2	88.6	18.3	104	22.7	118	27.4
	35	46.4	9.01	57.9	11.4	73.4	15.2	81.0	17.2	88.6	19.4	104	24.1	118	29.2
	37	46.4	9.51	57.9	12.1	73.4	16.1	81.0	18.3	88.6	20.6	104	25.7	118	31.1
	39	46.4	10.0	57.9	12.8	73.4	17.1	81.0	19.4	88.6	21.9	104	27.3	118	33.1
70% (805)	10	40.6	5.71	50.7	6.82	64.2	8.45	70.9	9.30	77.5	10.2	90.7	12.0	103	13.9
	12	40.6	5.78	50.7	6.91	64.2	8.58	70.9	9.45	77.5	10.4	90.7	12.2	103	14.1
	14	40.6	5.85	50.7	7.01	64.2	8.72	70.9	9.61	77.5	10.5	90.7	12.5	103	14.4
	16	40.6	5.93	50.7	7.12	64.2	8.86	70.9	9.77	77.5	10.7	90.7	12.7	103	14.7
	18	40.6	6.01	50.7	7.22	64.2	9.01	70.9	9.94	77.5	10.9	90.7	12.9	103	15.0
	20	40.6	6.09	50.7	7.33	64.2	9.16	70.9	10.1	77.5	11.1	90.7	13.2	103	15.3
	21	40.6	6.13	50.7	7.39	64.2	9.24	70.9	10.2	77.5	11.2	90.7	13.3	103	15.4
	23	40.6	6.22	50.7	7.51	64.2	9.41	70.9	10.4	77.5	11.4	90.7	13.7	103	16.4
	25	40.6	6.31	50.7	7.63	64.2	9.59	70.9	10.8	77.5	12.0	90.7	14.7	103	17.5
	27	40.6	6.41	50.7	7.88	64.2	10.2	70.9	11.4	77.5	12.8	90.7	15.6	103	18.7
	29	40.6	6.73	50.7	8.34	64.2	10.8	70.9	12.2	77.5	13.6	90.7	16.7	103	19.9
	31	40.6	7.11	50.7	8.83	64.2	11.5	70.9	12.9	77.5	14.4	90.7	17.7	103	21.2
	33	40.6	7.50	50.7	9.34	64.2	12.2	70.9	13.7	77.5	15.3	90.7	18.9	103	22.6
	35	40.6	7.91	50.7	9.87	64.2	12.9	70.9	14.5	77.5	16.3	90.7	20.0	103	24.1
	37	40.6	8.33	50.7	10.4	64.2	13.7	70.9	15.4	77.5	17.3	90.7	21.3	103	25.6
	39	40.6	8.78	50.7	11.0	64.2	14.5	70.9	16.3	77.5	18.3	90.7	22.6	103	27.2
60% (690)	10	34.8	5.11	43.4	6.01	55.0	7.33	60.7	8.02	66.5	8.73	77.8	10.2	88.7	11.7
	12	34.8	5.17	43.4	6.09	55.0	7.44	60.7	8.14	66.5	8.87	77.8	10.4	88.7	11.9
	14	34.8	5.23	43.4	6.17	55.0	7.55	60.7	8.27	66.5	9.02	77.8	10.6	88.7	12.2
	16	34.8	5.29	43.4	6.25	55.0	7.66	60.7	8.40	66.5	9.17	77.8	10.8	88.7	12.4
	18	34.8	5.35	43.4	6.34	55.0	7.78	60.7	8.54	66.5	9.32	77.8	10.9	88.7	12.6
	20	34.8	5.42	43.4	6.43	55.0	7.91	60.7	8.68	66.5	9.48	77.8	11.1	88.7	12.8
	21	34.8	5.45	43.4	6.47	55.0	7.97	60.7	8.75	66.5	9.57	77.8	11.3	88.7	13.0
	23	34.8	5.53	43.4	6.57	55.0	8.10	60.7	8.91	66.5	9.74	77.8	11.5	88.7	13.3
	25	34.8	5.60	43.4	6.67	55.0	8.24	60.7	9.06	66.5	9.97	77.8	12.0	88.7	14.2
	27	34.8	5.68	43.4	6.77	55.0	8.59	60.7	9.57	66.5	10.6	77.8	12.8	88.7	15.2
	29	34.8	5.88	43.4	7.16	55.0	9.10	60.7	10.2	66.5	11.3	77.8	13.6	88.7	16.2
	31	34.8	6.20	43.4	7.57	55.0	9.64	60.7	10.8	66.5	12.0	77.8	14.5	88.7	17.2
	33	34.8	6.53	43.4	7.99	55.0	10.2	60.7	11.4	66.5	12.7	77.8	15.4	88.7	18.3
	35	34.8	6.88	43.4	8.43	55.0	10.8	60.7	12.1	66.5	13.4	77.8	16.3	88.7	19.4
	37	34.8	7.24	43.4	8.89	55.0	11.4	60.7	12.8	66.5	14.2	77.8	17.3	88.7	20.7
	39	34.8	7.61	43.4	9.37	55.0	12.1	60.7	13.5	66.5	15.1	77.8	18.4	88.7	21.9
50% (575)	10	29.0	4.54	36.2	5.25	45.9	6.28	50.6	6.81	55.4	7.37	64.8	8.53	73.9	9.70
	12	29.0	4.59	36.2	5.31	45.9	6.36	50.6	6.91	55.4	7.48	64.8	8.66	73.9	9.86
	14	29.0	4.63	36.2	5.37	45.9	6.45	50.6	7.01	55.4	7.59	64.8	8.80	73.9	10.0
	16	29.0	4.68	36.2	5.44	45.9	6.54	50.6	7.11	55.4	7.71	64.8	8.94	73.9	10.2
	18	29.0	4.73	36.2	5.50	45.9	6.63	50.6	7.22	55.4	7.83	64.8	9.09	73.9	10.4
	20	29.0	4.78	36.2	5.57	45.9	6.73	50.6	7.33	55.4	7.95	64.8	9.25	73.9	10.6
	21	29.0	4.81	36.2	5.61	45.9	6.78	50.6	7.39	55.4	8.02	64.8	9.33	73.9	10.7
	23	29.0	4.87	36.2	5.68	45.9	6.88	50.6	7.50	55.4	8.15	64.8	9.50	73.9	10.9
	25	29.0	4.93	36.2	5.76	45.9	6.99	50.6	7.63	55.4	8.29	64.8	9.69	73.9	11.3
	27	29.0	4.99	36.2	5.84	45.9	7.13	50.6	7.87	55.4	8.65	64.8	10.3	73.9	12.0
	29	29.0	5.10	36.2	6.08	45.9	7.55	50.6	8.33	55.4	9.17	64.8	10.9	73.9	12.8
	31	29.0	5.37	36.2	6.41	45.9	7.98	50.6	8.82	55.4	9.71	64.8	11.6	73.9	13.6
	33	29.0	5.64	36.2	6.75	45.9	8.43	50.6	9.33	55.4	10.3	64.8	12.3	73.9	14.4
	35	29.0	5.93	36.2	7.11	45.9	8.90	50.6	9.86	55.4	10.9	64.8	13.0	73.9	15.3
	37	29.0	6.22	36.2	7.49	45.9	9.39	50.6	10.4	55.4	11.5	64.8	13.8	73.9	16.2
	39	29.0	6.53	36.2	7.87	45.9	9.91	50.6	11.0	55.4	12.2	64.8	14.6	73.9	17.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ48THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1560)	10	78.4	10.5	97.7	13.2	124	17.2	137	19.3	150	21.4	170	24.4	175	23.3
	12	78.4	10.6	97.7	13.5	124	17.6	137	19.7	150	21.8	168	24.2	172	23.2
	14	78.4	10.8	97.7	13.7	124	17.9	137	20.0	150	22.2	166	24.1	170	23.3
	16	78.4	11.0	97.7	14.0	124	18.2	137	20.4	150	22.7	163	24.3	168	24.6
	18	78.4	11.2	97.7	14.2	124	18.6	137	20.8	150	23.3	161	25.5	166	25.8
	20	78.4	11.4	97.7	14.5	124	19.0	137	22.0	150	25.1	159	26.8	164	27.1
	21	78.4	11.5	97.7	14.6	124	19.7	137	22.7	150	26.0	158	27.4	162	27.7
	23	78.4	11.7	97.7	15.2	124	21.1	137	24.4	150	27.9	156	28.7	160	29.0
	25	78.4	12.3	97.7	16.3	124	22.6	137	26.1	149	29.6	153	29.9	158	30.3
	27	78.4	13.1	97.7	17.3	124	24.1	137	27.9	147	30.8	151	31.2	156	31.5
	29	78.4	13.9	97.7	18.5	124	25.8	137	29.8	144	32.1	149	32.4	154	32.8
	31	78.4	14.8	97.7	19.7	124	27.5	137	31.8	142	33.3	147	33.7	151	34.1
	33	78.4	15.7	97.7	20.9	124	29.3	137	34.0	140	34.6	145	35.0	149	35.4
	35	78.4	16.6	97.7	22.3	124	31.3	135	35.6	138	35.8	142	36.3	147	36.7
	37	78.4	17.6	97.7	23.7	124	33.3	133	36.9	136	37.1	140	37.6	145	38.0
	39	78.4	18.7	97.7	25.2	124	35.5	131	38.1	133	38.4	138	38.9	143	39.4
120% (1440)	10	72.3	9.67	90.2	12.1	114	15.7	126	17.6	138	19.5	162	23.4	172	24.0
	12	72.3	9.82	90.2	12.3	114	16.0	126	17.9	138	19.9	162	23.9	169	23.8
	14	72.3	9.98	90.2	12.6	114	16.3	126	18.3	138	20.3	162	24.3	167	23.7
	16	72.3	10.2	90.2	12.8	114	16.6	126	18.6	138	20.7	161	24.6	165	24.4
	18	72.3	10.3	90.2	13.0	114	17.0	126	19.0	138	21.1	159	25.4	163	25.6
	20	72.3	10.5	90.2	13.3	114	17.3	126	19.6	138	22.3	156	26.6	161	26.9
	21	72.3	10.6	90.2	13.4	114	17.6	126	20.3	138	23.1	155	27.3	160	27.5
	23	72.3	10.8	90.2	13.7	114	18.9	126	21.7	138	24.7	153	28.5	157	28.8
	25	72.3	11.1	90.2	14.6	114	20.2	126	23.2	138	26.5	151	29.7	155	30.0
	27	72.3	11.8	90.2	15.6	114	21.5	126	24.8	138	28.3	149	31.0	153	31.3
	29	72.3	12.6	90.2	16.6	114	23.0	126	26.5	138	30.3	147	32.2	151	32.6
	31	72.3	13.4	90.2	17.7	114	24.5	126	28.3	138	32.3	144	33.5	149	33.9
	33	72.3	14.2	90.2	18.8	114	26.1	126	30.1	138	34.4	142	34.8	146	35.2
	35	72.3	15.0	90.2	20.0	114	27.8	126	32.1	136	35.6	140	36.0	144	36.5
	37	72.3	15.9	90.2	21.2	114	29.6	126	34.2	133	36.9	138	37.3	142	37.8
	39	72.3	16.9	90.2	22.5	114	31.5	126	36.5	131	38.1	136	38.6	140	39.1
110% (1320)	10	66.3	8.88	82.7	11.1	105	14.3	116	15.9	127	17.7	148	21.2	169	24.6
	12	66.3	9.02	82.7	11.3	105	14.5	116	16.2	127	18.0	148	21.6	167	24.5
	14	66.3	9.17	82.7	11.4	105	14.8	116	16.5	127	18.3	148	22.0	164	24.4
	16	66.3	9.32	82.7	11.7	105	15.1	116	16.9	127	18.7	148	22.4	162	24.3
	18	66.3	9.47	82.7	11.9	105	15.4	116	17.2	127	19.1	148	23.0	160	25.5
	20	66.3	9.63	82.7	12.1	105	15.7	116	17.5	127	19.6	148	24.7	158	26.7
	21	66.3	9.72	82.7	12.2	105	15.8	116	17.9	127	20.3	148	25.6	157	27.3
	23	66.3	9.89	82.7	12.4	105	16.7	116	19.2	127	21.8	148	27.5	155	28.6
	25	66.3	10.1	82.7	13.1	105	17.9	116	20.5	127	23.3	148	29.4	152	29.8
	27	66.3	10.7	82.7	14.0	105	19.1	116	21.9	127	24.9	146	30.8	150	31.1
	29	66.3	11.4	82.7	14.8	105	20.3	116	23.4	127	26.6	144	32.0	148	32.4
	31	66.3	12.1	82.7	15.8	105	21.7	116	24.9	127	28.4	142	33.3	146	33.6
	33	66.3	12.8	82.7	16.8	105	23.1	116	26.5	127	30.3	140	34.5	144	34.9
	35	66.3	13.5	82.7	17.8	105	24.5	116	28.3	127	32.3	137	35.8	141	36.2
	37	66.3	14.3	82.7	18.9	105	26.1	116	30.1	127	34.4	135	37.1	139	37.5
	39	66.3	15.2	82.7	20.1	105	27.8	116	32.0	127	36.6	133	38.3	137	38.8
100% (1200)	10	60.3	8.13	75.2	10.0	95.3	12.9	105	14.3	115	15.8	135	19.0	153	22.1
	12	60.3	8.25	75.2	10.2	95.3	13.1	105	14.6	115	16.1	135	19.3	153	22.5
	14	60.3	8.38	75.2	10.4	95.3	13.3	105	14.9	115	16.4	135	19.7	153	22.9
	16	60.3	8.51	75.2	10.6	95.3	13.6	105	15.1	115	16.8	135	20.1	153	23.4
	18	60.3	8.64	75.2	10.7	95.3	13.8	105	15.4	115	17.1	135	20.5	153	24.3
	20	60.3	8.79	75.2	10.9	95.3	14.1	105	15.7	115	17.4	135	21.5	153	26.1
	21	60.3	8.86	75.2	11.0	95.3	14.2	105	15.9	115	17.8	135	22.2	153	27.0
	23	60.3	9.01	75.2	11.2	95.3	14.7	105	16.8	115	19.0	135	23.8	152	28.4
	25	60.3	9.17	75.2	11.7	95.3	15.7	105	18.0	115	20.3	135	25.5	149	29.6
	27	60.3	9.62	75.2	12.4	95.3	16.8	105	19.2	115	21.7	135	27.3	147	30.9
	29	60.3	10.2	75.2	13.2	95.3	17.9	105	20.4	115	23.2	135	29.2	145	32.1
	31	60.3	10.8	75.2	14.0	95.3	19.0	105	21.8	115	24.7	135	31.1	143	33.4
	33	60.3	11.4	75.2	14.9	95.3	20.2	105	23.2	115	26.3	135	33.2	141	34.6
	35	60.3	12.1	75.2	15.8	95.3	21.5	105	24.7	115	28.0	135	35.4	138	35.9
	37	60.3	12.8	75.2	16.7	95.3	22.9	105	26.2	115	29.9	133	36.8	136	37.2
	39	60.3	13.6	75.2	17.7	95.3	24.3	105	27.9	115	31.8	131	38.1	134	38.4
90% (1080)	10	54.3	7.40	67.6	9.06	85.7	11.5	94.6	12.8	104	14.1	121	16.8	138	19.5
	12	54.3	7.51	67.6	9.20	85.7	11.7	94.6	13.0	104	14.3	121	17.1	138	19.9
	14	54.3	7.61	67.6	9.34	85.7	11.9	94.6	13.2	104	14.6	121	17.4	138	20.3
	16	54.3	7.73	67.6	9.50	85.7	12.1	94.6	13.5	104	14.9	121	17.8	138	20.7
	18	54.3	7.85	67.6	9.66	85.7	12.3	94.6	13.7	104	15.2	121	18.1	138	21.1
	20	54.3	7.97	67.6	9.82	85.7	12.6	94.6	14.0	104	15.5	121	18.5	138	22.3
	21	54.3	8.03	67.6	9.91	85.7	12.7	94.6	14.1	104	15.6	121	19.1	138	23.1
	23	54.3	8.16	67.6	10.1	85.7	12.9	94.6	14.6	104	16.5	121	20.5	138	24.8
	25	54.3	8.30	67.6	10.3	85.7	13.7	94.6	15.6	104	17.6	121	21.9	138	26.5
	27	54.3	8.59	67.6	10.9	85.7	14.6	94.6	16.6	104	18.8	121	23.4	138	28.4
	29	54.3	9.10	67.6	11.6	85.7	15.6	94.6	17.7	104	20.0	121	25.0	138	30.3
	31	54.3	9.64	67.6	12.3	85.7	16.5	94.6	18.8	104	21.3	121	26.6	138	32.4
	33	54.3	10.2	67.6	13.1	85.7	17.6	94.6	20.0	104	22.7	121	28.4	138	34.4
	35	54.3	10.8	67.6	13.9	85.7	18.7	94.6	21.3	104	24.1	121	30.3	136	35.6
	37	54.3	11.4	67.6	14.7	85.7	19.8	94.6	22.6	104	25.7	121	32.2	133	36.9
	39	54.3	12.0	67.6	15.5	85.7	21.0	94.6	24.1	104	27.3	121	34.3	131	38.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (960)	10	48.2	6.70	60.1	8.11	76.2	10.2	84.1	11.3	92.0	12.4	108	14.7	123	17.1
	12	48.2	6.79	60.1	8.23	76.2	10.3	84.1	11.5	92.0	12.6	108	15.0	123	17.4
	14	48.2	6.88	60.1	8.36	76.2	10.5	84.1	11.7	92.0	12.8	108	15.3	123	17.7
	16	48.2	6.98	60.1	8.49	76.2	10.7	84.1	11.9	92.0	13.1	108	15.5	123	18.1
	18	48.2	7.08	60.1	8.62	76.2	10.9	84.1	12.1	92.0	13.3	108	15.8	123	18.4
	20	48.2	7.19	60.1	8.76	76.2	11.1	84.1	12.3	92.0	13.6	108	16.2	123	18.8
	21	48.2	7.24	60.1	8.84	76.2	11.2	84.1	12.4	92.0	13.7	108	16.3	123	19.5
	23	48.2	7.35	60.1	8.99	76.2	11.4	84.1	12.7	92.0	14.1	108	17.4	123	20.9
	25	48.2	7.47	60.1	9.14	76.2	11.9	84.1	13.4	92.0	15.0	108	18.6	123	22.3
	27	48.2	7.63	60.1	9.59	76.2	12.6	84.1	14.3	92.0	16.0	108	19.8	123	23.9
	29	48.2	8.08	60.1	10.2	76.2	13.4	84.1	15.2	92.0	17.1	108	21.1	123	25.5
	31	48.2	8.54	60.1	10.8	76.2	14.2	84.1	16.1	92.0	18.2	108	22.5	123	27.2
	33	48.2	9.02	60.1	11.4	76.2	15.1	84.1	17.1	92.0	19.3	108	24.0	123	29.0
	35	48.2	9.53	60.1	12.1	76.2	16.0	84.1	18.2	92.0	20.5	108	25.5	123	30.9
	37	48.2	10.1	60.1	12.8	76.2	17.0	84.1	19.3	92.0	21.8	108	27.1	123	32.9
	39	48.2	10.6	60.1	13.5	76.2	18.0	84.1	20.5	92.0	23.2	108	28.9	123	35.0
70% (840)	10	42.2	6.04	52.6	7.21	66.7	8.93	73.6	9.83	80.5	10.8	94.2	12.7	107	14.7
	12	42.2	6.11	52.6	7.31	66.7	9.07	73.6	9.99	80.5	10.9	94.2	12.9	107	14.9
	14	42.2	6.19	52.6	7.41	66.7	9.22	73.6	10.2	80.5	11.1	94.2	13.2	107	15.2
	16	42.2	6.27	52.6	7.52	66.7	9.37	73.6	10.3	80.5	11.3	94.2	13.4	107	15.5
	18	42.2	6.35	52.6	7.63	66.7	9.52	73.6	10.5	80.5	11.5	94.2	13.7	107	15.8
	20	42.2	6.44	52.6	7.75	66.7	9.69	73.6	10.7	80.5	11.7	94.2	13.9	107	16.1
	21	42.2	6.48	52.6	7.81	66.7	9.77	73.6	10.8	80.5	11.9	94.2	14.1	107	16.3
	23	42.2	6.58	52.6	7.94	66.7	9.94	73.6	11.0	80.5	12.1	94.2	14.5	107	17.3
	25	42.2	6.67	52.6	8.07	66.7	10.1	73.6	11.4	80.5	12.7	94.2	15.5	107	18.5
	27	42.2	6.77	52.6	8.32	66.7	10.8	73.6	12.1	80.5	13.5	94.2	16.5	107	19.7
	29	42.2	7.11	52.6	8.82	66.7	11.4	73.6	12.9	80.5	14.4	94.2	17.6	107	21.1
	31	42.2	7.51	52.6	9.33	66.7	12.1	73.6	13.6	80.5	15.3	94.2	18.7	107	22.4
	33	42.2	7.93	52.6	9.87	66.7	12.9	73.6	14.5	80.5	16.2	94.2	19.9	107	23.9
	35	42.2	8.36	52.6	10.4	66.7	13.6	73.6	15.4	80.5	17.2	94.2	21.2	107	25.4
	37	42.2	8.81	52.6	11.0	66.7	14.4	73.6	16.3	80.5	18.3	94.2	22.5	107	27.1
	39	42.2	9.28	52.6	11.6	66.7	15.3	73.6	17.3	80.5	19.4	94.2	23.9	107	28.8
60% (720)	10	36.2	5.40	45.1	6.35	57.2	7.75	63.1	8.48	69.0	9.23	80.8	10.8	92.1	12.4
	12	36.2	5.46	45.1	6.43	57.2	7.86	63.1	8.60	69.0	9.38	80.8	11.0	92.1	12.6
	14	36.2	5.52	45.1	6.52	57.2	7.98	63.1	8.74	69.0	9.53	80.8	11.2	92.1	12.8
	16	36.2	5.59	45.1	6.61	57.2	8.10	63.1	8.88	69.0	9.69	80.8	11.4	92.1	13.1
	18	36.2	5.66	45.1	6.70	57.2	8.23	63.1	9.02	69.0	9.85	80.8	11.6	92.1	13.3
	20	36.2	5.73	45.1	6.79	57.2	8.36	63.1	9.17	69.0	10.0	80.8	11.8	92.1	13.6
	21	36.2	5.76	45.1	6.84	57.2	8.42	63.1	9.25	69.0	10.1	80.8	11.9	92.1	13.7
	23	36.2	5.84	45.1	6.94	57.2	8.57	63.1	9.41	69.0	10.3	80.8	12.1	92.1	14.1
	25	36.2	5.92	45.1	7.05	57.2	8.71	63.1	9.58	69.0	10.5	80.8	12.7	92.1	15.0
	27	36.2	6.00	45.1	7.16	57.2	9.08	63.1	10.1	69.0	11.2	80.8	13.6	92.1	16.0
	29	36.2	6.22	45.1	7.57	57.2	9.62	63.1	10.7	69.0	11.9	80.8	14.4	92.1	17.1
	31	36.2	6.56	45.1	8.00	57.2	10.2	63.1	11.4	69.0	12.6	80.8	15.3	92.1	18.2
	33	36.2	6.91	45.1	8.44	57.2	10.8	63.1	12.1	69.0	13.4	80.8	16.3	92.1	19.3
	35	36.2	7.27	45.1	8.91	57.2	11.4	63.1	12.8	69.0	14.2	80.8	17.3	92.1	20.5
	37	36.2	7.65	45.1	9.40	57.2	12.1	63.1	13.5	69.0	15.0	80.8	18.3	92.1	21.8
	39	36.2	8.04	45.1	9.90	57.2	12.8	63.1	14.3	69.0	15.9	80.8	19.4	92.1	23.2
50% (600)	10	30.1	4.80	37.6	5.55	47.6	6.64	52.6	7.20	57.5	7.79	67.3	9.01	76.7	10.3
	12	30.1	4.85	37.6	5.61	47.6	6.72	52.6	7.30	57.5	7.90	67.3	9.15	76.7	10.4
	14	30.1	4.90	37.6	5.68	47.6	6.81	52.6	7.41	57.5	8.02	67.3	9.30	76.7	10.6
	16	30.1	4.95	37.6	5.74	47.6	6.91	52.6	7.51	57.5	8.14	67.3	9.45	76.7	10.8
	18	30.1	5.00	37.6	5.82	47.6	7.01	52.6	7.63	57.5	8.27	67.3	9.61	76.7	11.0
	20	30.1	5.06	37.6	5.89	47.6	7.11	52.6	7.75	57.5	8.40	67.3	9.77	76.7	11.2
	21	30.1	5.08	37.6	5.93	47.6	7.16	52.6	7.81	57.5	8.47	67.3	9.86	76.7	11.3
	23	30.1	5.14	37.6	6.01	47.6	7.27	52.6	7.93	57.5	8.61	67.3	10.0	76.7	11.5
	25	30.1	5.21	37.6	6.09	47.6	7.39	52.6	8.06	57.5	8.76	67.3	10.2	76.7	12.0
	27	30.1	5.27	37.6	6.18	47.6	7.54	52.6	8.32	57.5	9.14	67.3	10.9	76.7	12.7
	29	30.1	5.39	37.6	6.42	47.6	7.98	52.6	8.81	57.5	9.69	67.3	11.6	76.7	13.5
	31	30.1	5.67	37.6	6.77	47.6	8.43	52.6	9.32	57.5	10.3	67.3	12.3	76.7	14.4
	33	30.1	5.96	37.6	7.14	47.6	8.91	52.6	9.86	57.5	10.9	67.3	13.0	76.7	15.3
	35	30.1	6.27	37.6	7.52	47.6	9.41	52.6	10.4	57.5	11.5	67.3	13.8	76.7	16.2
	37	30.1	6.58	37.6	7.91	47.6	9.93	52.6	11.0	57.5	12.2	67.3	14.6	76.7	17.2
	39	30.1	6.91	37.6	8.32	47.6	10.5	52.6	11.6	57.5	12.8	67.3	15.4	76.7	18.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ50THY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1625)	10	81.3	11.1	101	14.0	128	18.3	142	20.5	155	22.7	176	25.9	181	24.7
	12	81.3	11.3	101	14.3	128	18.6	142	20.9	155	23.2	174	25.7	179	24.6
	14	81.3	11.5	101	14.5	128	19.0	142	21.3	155	23.6	172	25.6	176	24.7
	16	81.3	11.7	101	14.8	128	19.4	142	21.7	155	24.1	169	25.8	174	26.1
	18	81.3	11.9	101	15.1	128	19.7	142	22.1	155	24.8	167	27.1	172	27.4
	20	81.3	12.1	101	15.4	128	20.2	142	23.3	155	26.6	165	28.4	170	28.7
	21	81.3	12.2	101	15.5	128	20.9	142	24.1	155	27.6	164	29.1	168	29.4
	23	81.3	12.5	101	16.2	128	22.4	142	25.9	155	29.6	161	30.4	166	30.8
	25	81.3	13.0	101	17.3	128	24.0	142	27.7	154	31.4	159	31.8	164	32.1
	27	81.3	13.9	101	18.4	128	25.6	142	29.6	152	32.7	157	33.1	162	33.5
	29	81.3	14.7	101	19.6	128	27.4	142	31.7	150	34.0	155	34.4	159	34.8
	31	81.3	15.7	101	20.9	128	29.2	142	33.8	147	35.4	152	35.8	157	36.2
	33	81.3	16.6	101	22.2	128	31.1	142	36.1	145	36.7	150	37.2	155	37.6
	35	81.3	17.6	101	23.6	128	33.2	140	37.8	143	38.0	148	38.5	153	39.0
	37	81.3	18.7	101	25.1	128	35.3	138	39.1	141	39.4	145	39.9	150	40.4
	39	81.3	19.9	101	26.7	128	37.6	136	40.5	138	40.7	143	41.3	148	41.8
120% (1500)	10	75.0	10.3	93.5	12.9	119	16.7	131	18.7	143	20.7	168	24.9	178	25.4
	12	75.0	10.4	93.5	13.1	119	17.0	131	19.0	143	21.1	168	25.3	176	25.3
	14	75.0	10.6	93.5	13.3	119	17.3	131	19.4	143	21.5	168	25.8	173	25.2
	16	75.0	10.8	93.5	13.6	119	17.7	131	19.8	143	21.9	167	26.1	171	25.9
	18	75.0	11.0	93.5	13.8	119	18.0	131	20.2	143	22.4	165	27.0	169	27.2
	20	75.0	11.2	93.5	14.1	119	18.4	131	20.8	143	23.7	162	28.3	167	28.5
	21	75.0	11.3	93.5	14.2	119	18.7	131	21.5	143	24.5	161	28.9	165	29.2
	23	75.0	11.5	93.5	14.6	119	20.0	131	23.0	143	26.3	159	30.2	163	30.6
	25	75.0	11.8	93.5	15.5	119	21.4	131	24.6	143	28.1	157	31.6	161	31.9
	27	75.0	12.6	93.5	16.6	119	22.9	131	26.3	143	30.1	154	32.9	159	33.2
	29	75.0	13.4	93.5	17.6	119	24.4	131	28.1	143	32.1	152	34.2	156	34.6
	31	75.0	14.2	93.5	18.8	119	26.0	131	30.0	143	34.3	150	35.6	154	36.0
	33	75.0	15.1	93.5	20.0	119	27.7	131	32.0	143	36.5	147	36.9	152	37.3
	35	75.0	16.0	93.5	21.2	119	29.5	131	34.1	141	37.8	145	38.3	150	38.7
	37	75.0	16.9	93.5	22.5	119	31.4	131	36.3	138	39.1	143	39.6	147	40.1
	39	75.0	17.9	93.5	23.9	119	33.4	131	38.7	136	40.5	141	41.0	145	41.5
110% (1375)	10	68.8	9.43	85.7	11.7	109	15.2	120	16.9	131	18.7	154	22.5	175	26.1
	12	68.8	9.58	85.7	11.9	109	15.4	120	17.2	131	19.1	154	22.9	173	26.0
	14	68.8	9.73	85.7	12.2	109	15.7	120	17.6	131	19.5	154	23.3	170	25.9
	16	68.8	9.89	85.7	12.4	109	16.0	120	17.9	131	19.8	154	23.8	168	25.8
	18	68.8	10.1	85.7	12.6	109	16.3	120	18.2	131	20.2	154	24.4	166	27.0
	20	68.8	10.2	85.7	12.8	109	16.6	120	18.6	131	20.8	154	26.2	164	28.4
	21	68.8	10.3	85.7	12.9	109	16.8	120	19.0	131	21.6	154	27.2	163	29.0
	23	68.8	10.5	85.7	13.2	109	17.8	120	20.3	131	23.1	154	29.2	160	30.3
	25	68.8	10.7	85.7	13.9	109	19.0	120	21.8	131	24.7	154	31.2	158	31.7
	27	68.8	11.4	85.7	14.8	109	20.2	120	23.2	131	26.4	152	32.7	156	33.0
	29	68.8	12.1	85.7	15.8	109	21.6	120	24.8	131	28.2	149	34.0	153	34.3
	31	68.8	12.8	85.7	16.8	109	23.0	120	26.4	131	30.1	147	35.3	151	35.7
	33	68.8	13.6	85.7	17.8	109	24.5	120	28.2	131	32.1	145	36.7	149	37.0
	35	68.8	14.4	85.7	18.9	109	26.1	120	30.0	131	34.3	143	38.0	147	38.4
	37	68.8	15.2	85.7	20.1	109	27.7	120	31.9	131	36.5	140	39.4	144	39.8
	39	68.8	16.1	85.7	21.3	109	29.5	120	34.0	131	38.9	138	40.7	142	41.1
100% (1250)	10	62.5	8.63	77.9	10.7	98.8	13.7	109	15.2	119	16.8	140	20.1	159	23.4
	12	62.5	8.76	77.9	10.8	98.8	13.9	109	15.5	119	17.1	140	20.5	159	23.9
	14	62.5	8.89	77.9	11.0	98.8	14.1	109	15.8	119	17.4	140	20.9	159	24.3
	16	62.5	9.03	77.9	11.2	98.8	14.4	109	16.1	119	17.8	140	21.3	159	24.8
	18	62.5	9.18	77.9	11.4	98.8	14.7	109	16.4	119	18.1	140	21.7	159	25.8
	20	62.5	9.33	77.9	11.6	98.8	15.0	109	16.7	119	18.5	140	22.8	159	27.7
	21	62.5	9.40	77.9	11.7	98.8	15.1	109	16.9	119	18.9	140	23.6	159	28.7
	23	62.5	9.56	77.9	11.9	98.8	15.6	109	17.8	119	20.2	140	25.3	157	30.1
	25	62.5	9.73	77.9	12.4	98.8	16.7	109	19.1	119	21.6	140	27.1	155	31.5
	27	62.5	10.2	77.9	13.2	98.8	17.8	109	20.3	119	23.1	140	29.0	153	32.8
	29	62.5	10.8	77.9	14.0	98.8	19.0	109	21.7	119	24.6	140	30.9	150	34.1
	31	62.5	11.5	77.9	14.9	98.8	20.2	109	23.1	119	26.2	140	33.0	148	35.4
	33	62.5	12.2	77.9	15.8	98.8	21.5	109	24.6	119	28.0	140	35.3	146	36.8
	35	62.5	12.9	77.9	16.7	98.8	22.8	109	26.2	119	29.8	140	37.6	144	38.1
	37	62.5	13.6	77.9	17.8	98.8	24.3	109	27.8	119	31.7	138	39.1	141	39.5
	39	62.5	14.4	77.9	18.8	98.8	25.8	109	29.6	119	33.7	135	40.4	139	40.8
90% (1125)	10	56.3	7.86	70.2	9.61	88.9	12.2	98.1	13.5	107	14.9	126	17.8	143	20.7
	12	56.3	7.97	70.2	9.76	88.9	12.4	98.1	13.8	107	15.2	126	18.2	143	21.1
	14	56.3	8.08	70.2	9.92	88.9	12.6	98.1	14.0	107	15.5	126	18.5	143	21.5
	16	56.3	8.20	70.2	10.1	88.9	12.9	98.1	14.3	107	15.8	126	18.9	143	22.0
	18	56.3	8.33	70.2	10.3	88.9	13.1	98.1	14.6	107	16.1	126	19.2	143	22.4
	20	56.3	8.46	70.2	10.4	88.9	13.3	98.1	14.8	107	16.4	126	19.6	143	23.7
	21	56.3	8.53	70.2	10.5	88.9	13.5	98.1	15.0	107	16.6	126	20.3	143	24.5
	23	56.3	8.66	70.2	10.7	88.9	13.7	98.1	15.5	107	17.5	126	21.7	143	26.3
	25	56.3	8.81	70.2	10.9	88.9	14.6	98.1	16.5	107	18.7	126	23.2	143	28.2
	27	56.3	9.12	70.2	11.6	88.9	15.5	98.1	17.6	107	19.9	126	24.8	143	30.1
	29	56.3	9.66	70.2	12.3	88.9	16.5	98.1	18.8	107	21.2	126	26.5	143	32.2
	31	56.3	10.2	70.2	13.1	88.9	17.6	98.1	20.0	107	22.6	126	28.3	143	34.4
	33	56.3	10.8	70.2	13.9	88.9	18.7	98.1	21.3	107	24.1	126	30.1	143	36.5
	35	56.3	11.4	70.2	14.7	88.9	19.8	98.1	22.6	107	25.6	126	32.1	141	37.8
	37	56.3	12.1	70.2	15.6	88.9	21.0	98.1	24.0	107	27.2	126	34.2	138	39.2
	39	56.3	12.8	70.2	16.5	88.9	22.3	98.1	25.5	107	29.0	126	36.4	136	40.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1000)	10	50.0	7.12	62.4	8.61	79.0	10.8	87.2	12.0	95.4	13.1	112	15.6	127	18.1
	12	50.0	7.21	62.4	8.74	79.0	11.0	87.2	12.2	95.4	13.4	112	15.9	127	18.5
	14	50.0	7.31	62.4	8.87	79.0	11.2	87.2	12.4	95.4	13.6	112	16.2	127	18.8
	16	50.0	7.41	62.4	9.01	79.0	11.4	87.2	12.6	95.4	13.9	112	16.5	127	19.2
	18	50.0	7.52	62.4	9.15	79.0	11.6	87.2	12.8	95.4	14.1	112	16.8	127	19.5
	20	50.0	7.63	62.4	9.30	79.0	11.8	87.2	13.1	95.4	14.4	112	17.2	127	20.0
	21	50.0	7.69	62.4	9.38	79.0	11.9	87.2	13.2	95.4	14.5	112	17.3	127	20.7
	23	50.0	7.80	62.4	9.54	79.0	12.1	87.2	13.4	95.4	14.9	112	18.4	127	22.2
	25	50.0	7.93	62.4	9.71	79.0	12.6	87.2	14.2	95.4	15.9	112	19.7	127	23.7
	27	50.0	8.10	62.4	10.2	79.0	13.4	87.2	15.1	95.4	17.0	112	21.0	127	25.3
	29	50.0	8.57	62.4	10.8	79.0	14.2	87.2	16.1	95.4	18.1	112	22.4	127	27.0
	31	50.0	9.06	62.4	11.4	79.0	15.1	87.2	17.1	95.4	19.3	112	23.9	127	28.8
	33	50.0	9.58	62.4	12.1	79.0	16.1	87.2	18.2	95.4	20.5	112	25.4	127	30.8
	35	50.0	10.1	62.4	12.8	79.0	17.0	87.2	19.3	95.4	21.8	112	27.1	127	32.8
	37	50.0	10.7	62.4	13.6	79.0	18.1	87.2	20.5	95.4	23.1	112	28.8	127	34.9
	39	50.0	11.3	62.4	14.3	79.0	19.2	87.2	21.8	95.4	24.6	112	30.7	127	37.2
70% (875)	10	43.8	6.41	54.6	7.65	69.2	9.48	76.3	10.4	83.5	11.4	97.7	13.5	111	15.6
	12	43.8	6.49	54.6	7.76	69.2	9.63	76.3	10.6	83.5	11.6	97.7	13.7	111	15.9
	14	43.8	6.57	54.6	7.87	69.2	9.78	76.3	10.8	83.5	11.8	97.7	14.0	111	16.2
	16	43.8	6.65	54.6	7.98	69.2	9.94	76.3	11.0	83.5	12.0	97.7	14.2	111	16.5
	18	43.8	6.74	54.6	8.10	69.2	10.1	76.3	11.2	83.5	12.2	97.7	14.5	111	16.8
	20	43.8	6.83	54.6	8.23	69.2	10.3	76.3	11.4	83.5	12.5	97.7	14.8	111	17.1
	21	43.8	6.88	54.6	8.29	69.2	10.4	76.3	11.5	83.5	12.6	97.7	14.9	111	17.3
	23	43.8	6.98	54.6	8.43	69.2	10.6	76.3	11.7	83.5	12.8	97.7	15.4	111	18.4
	25	43.8	7.08	54.6	8.56	69.2	10.8	76.3	12.1	83.5	13.5	97.7	16.5	111	19.6
	27	43.8	7.19	54.6	8.84	69.2	11.4	76.3	12.8	83.5	14.3	97.7	17.5	111	21.0
	29	43.8	7.55	54.6	9.36	69.2	12.1	76.3	13.6	83.5	15.2	97.7	18.7	111	22.4
	31	43.8	7.97	54.6	9.91	69.2	12.9	76.3	14.5	83.5	16.2	97.7	19.9	111	23.8
	33	43.8	8.41	54.6	10.5	69.2	13.7	76.3	15.4	83.5	17.2	97.7	21.2	111	25.4
	35	43.8	8.87	54.6	11.1	69.2	14.5	76.3	16.3	83.5	18.3	97.7	22.5	111	27.0
	37	43.8	9.35	54.6	11.7	69.2	15.3	76.3	17.3	83.5	19.4	97.7	23.9	111	28.7
	39	43.8	9.85	54.6	12.4	69.2	16.2	76.3	18.3	83.5	20.6	97.7	25.4	111	30.6
60% (750)	10	37.5	5.73	46.8	6.74	59.3	8.22	65.4	9.00	71.6	9.80	83.8	11.5	95.5	13.2
	12	37.5	5.80	46.8	6.83	59.3	8.34	65.4	9.13	71.6	9.95	83.8	11.7	95.5	13.4
	14	37.5	5.86	46.8	6.92	59.3	8.47	65.4	9.28	71.6	10.1	83.8	11.9	95.5	13.6
	16	37.5	5.93	46.8	7.01	59.3	8.60	65.4	9.42	71.6	10.3	83.8	12.1	95.5	13.9
	18	37.5	6.01	46.8	7.11	59.3	8.73	65.4	9.58	71.6	10.5	83.8	12.3	95.5	14.1
	20	37.5	6.08	46.8	7.21	59.3	8.87	65.4	9.74	71.6	10.6	83.8	12.5	95.5	14.4
	21	37.5	6.12	46.8	7.26	59.3	8.94	65.4	9.82	71.6	10.7	83.8	12.6	95.5	14.5
	23	37.5	6.20	46.8	7.37	59.3	9.09	65.4	9.99	71.6	10.9	83.8	12.9	95.5	15.0
	25	37.5	6.28	46.8	7.48	59.3	9.25	65.4	10.2	71.6	11.2	83.8	13.5	95.5	16.0
	27	37.5	6.37	46.8	7.60	59.3	9.64	65.4	10.7	71.6	11.9	83.8	14.4	95.5	17.0
	29	37.5	6.60	46.8	8.03	59.3	10.2	65.4	11.4	71.6	12.6	83.8	15.3	95.5	18.1
	31	37.5	6.96	46.8	8.49	59.3	10.8	65.4	12.1	71.6	13.4	83.8	16.3	95.5	19.3
	33	37.5	7.33	46.8	8.96	59.3	11.5	65.4	12.8	71.6	14.2	83.8	17.3	95.5	20.5
	35	37.5	7.72	46.8	9.46	59.3	12.1	65.4	13.5	71.6	15.1	83.8	18.3	95.5	21.8
	37	37.5	8.12	46.8	9.97	59.3	12.8	65.4	14.3	71.6	16.0	83.8	19.5	95.5	23.2
	39	37.5	8.54	46.8	10.5	59.3	13.5	65.4	15.2	71.6	16.9	83.8	20.6	95.5	24.6
50% (625)	10	31.3	5.09	39.0	5.89	49.4	7.04	54.5	7.65	59.6	8.27	69.8	9.57	79.6	10.9
	12	31.3	5.14	39.0	5.95	49.4	7.14	54.5	7.75	59.6	8.39	69.8	9.72	79.6	11.1
	14	31.3	5.20	39.0	6.03	49.4	7.23	54.5	7.86	59.6	8.52	69.8	9.87	79.6	11.3
	16	31.3	5.25	39.0	6.10	49.4	7.33	54.5	7.98	59.6	8.65	69.8	10.0	79.6	11.4
	18	31.3	5.31	39.0	6.17	49.4	7.44	54.5	8.10	59.6	8.78	69.8	10.2	79.6	11.6
	20	31.3	5.37	39.0	6.25	49.4	7.55	54.5	8.22	59.6	8.92	69.8	10.4	79.6	11.9
	21	31.3	5.40	39.0	6.29	49.4	7.60	54.5	8.29	59.6	8.99	69.8	10.5	79.6	12.0
	23	31.3	5.46	39.0	6.38	49.4	7.72	54.5	8.42	59.6	9.15	69.8	10.7	79.6	12.2
	25	31.3	5.53	39.0	6.47	49.4	7.84	54.5	8.56	59.6	9.30	69.8	10.9	79.6	12.7
	27	31.3	5.59	39.0	6.56	49.4	8.00	54.5	8.83	59.6	9.70	69.8	11.6	79.6	13.5
	29	31.3	5.72	39.0	6.82	49.4	8.47	54.5	9.35	59.6	10.3	69.8	12.3	79.6	14.4
	31	31.3	6.02	39.0	7.19	49.4	8.95	54.5	9.90	59.6	10.9	69.8	13.0	79.6	15.3
	33	31.3	6.33	39.0	7.58	49.4	9.46	54.5	10.5	59.6	11.5	69.8	13.8	79.6	16.2
	35	31.3	6.65	39.0	7.98	49.4	9.99	54.5	11.1	59.6	12.2	69.8	14.6	79.6	17.2
	37	31.3	6.98	39.0	8.40	49.4	10.5	54.5	11.7	59.6	12.9	69.8	15.5	79.6	18.2
	39	31.3	7.33	39.0	8.84	49.4	11.1	54.5	12.3	59.6	13.6	69.8	16.4	79.6	19.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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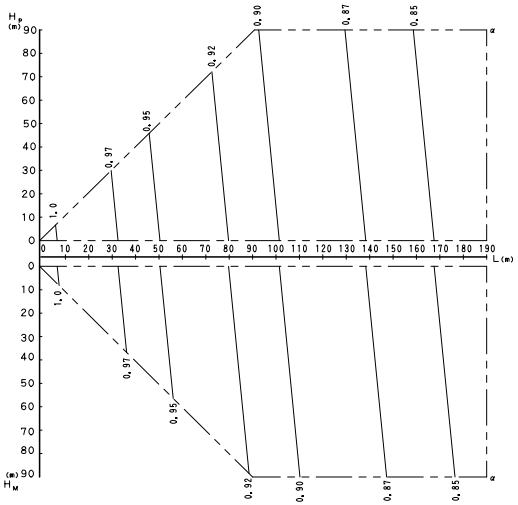
6.3 Capacity Correction Factor

RXQ12THY1 / RXQ14THY1 / RXQ24THY1 / RXQ36THY1

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
Hм : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ12, 14T	φ 28.6	φ 12.7
RXQ24T	φ 34.9	φ 15.9
RXQ36T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type				
Outer diameter	φ 12.7	φ 15.9	φ 19.1	φ 22.2	φ 28.6	φ 34.9	φ 41.3
Minimum Wall Thickness	0.80	0.99	0.80	0.80	0.99	1.21	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ12, 14T	Not Increased	φ 15.9
RXQ24T		φ 19.1
RXQ36T		φ 22.2

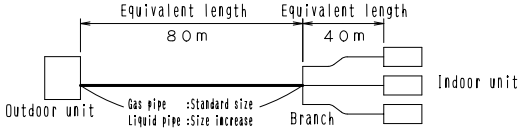
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor		
	Standard size	Size increase	
		12•14HP	24•36HP
Cooling (gas pipe)	1.0		

(Example) RXQ12/14/24/36T

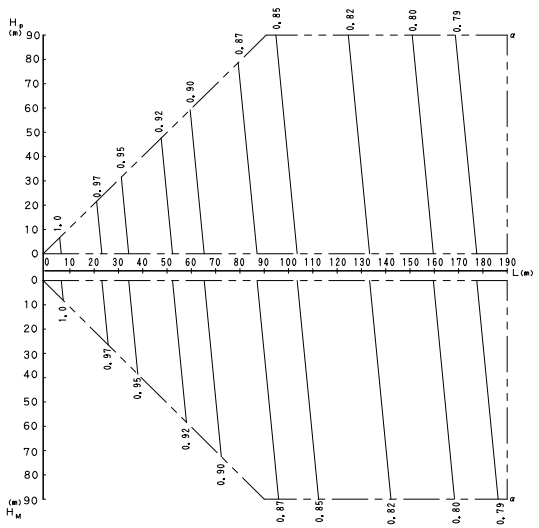


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.88

3D085303A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ16T	φ 28.6	φ 12.7

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type	
Outer diameter	φ12.7	φ15.9	φ28.6	φ31.8
Minimum Wall Thickness	0.80	0.99	0.99	1.10

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ16T	φ 31.8※	φ 15.9

※ If available on the site, use this size. Otherwise, not increased.

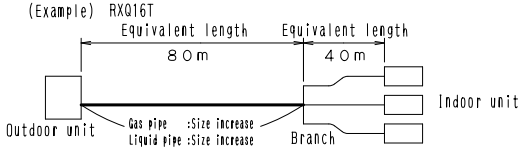
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

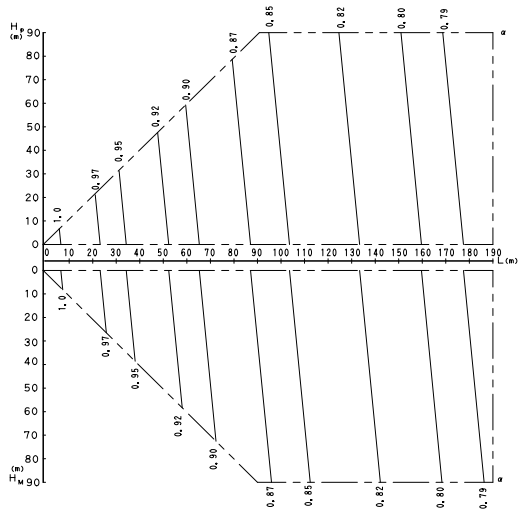
(Example) RXQ16T



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.88

3D085305A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ18T	φ 28.6	φ 15.9
RXQ26, 28, 30T	φ 34.9	φ 19.1
RXQ38, 40, 42, 44T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type						
Outer diameter	φ15.9	φ19.1	φ22.2	φ28.6	φ31.8	φ34.9	φ38.1	φ41.3
Minimum Wall Thickness	0.99	0.80	0.80	0.99	1.10	1.21	1.32	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ18T	φ 31.8✽	φ 19.1
RXQ26, 28, 30T	φ 38.1✽	φ 22.2
RXQ38, 40, 42, 44T	Not Increased	φ 22.2

✽ If available on the site, use this size. Otherwise, not increased.

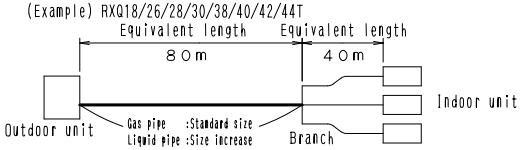
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor		
	Standard size	Size increase	
		18, 26, 28, 30 Hp	38, 40, 42, 44 Hp
Cooling (gas pipe)	1.0	0.5	

(Example) RXQ18/26/28/30/38/40/42/44T

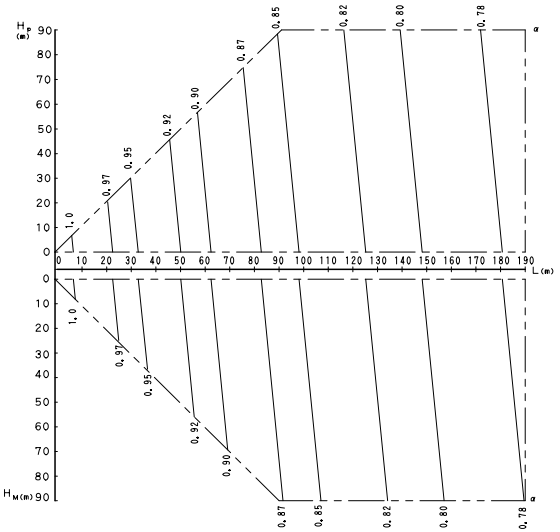


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.83

3D085308A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ20T	φ28.6	φ15.9
RXQ32, 34T	φ34.9	φ19.1

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type					
Outer diameter	φ15.9	φ19.1	φ22.2	φ28.6	φ31.8	φ34.9	φ38.1
Minimum Wall Thickness	0.99	0.80	0.80	0.99	1.10	1.21	1.32

[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

Calculating A/C capacity of outdoor units

・Condition: Indoor unit combination ratio does not exceed 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
X Capacity change rate due to piping length to the farthest indoor unit

・Condition: Indoor unit combination ratio exceeds 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.

[Diameter of above case]

Model	gas	liquid
RXQ20T	φ31.8✱	φ19.1
RXQ32, 34T	φ38.1✱	φ22.2

✱ If available on the site, use this size. Otherwise, not increased.

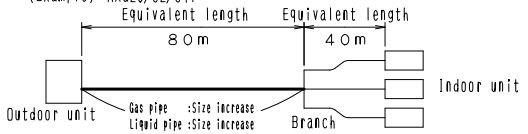
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

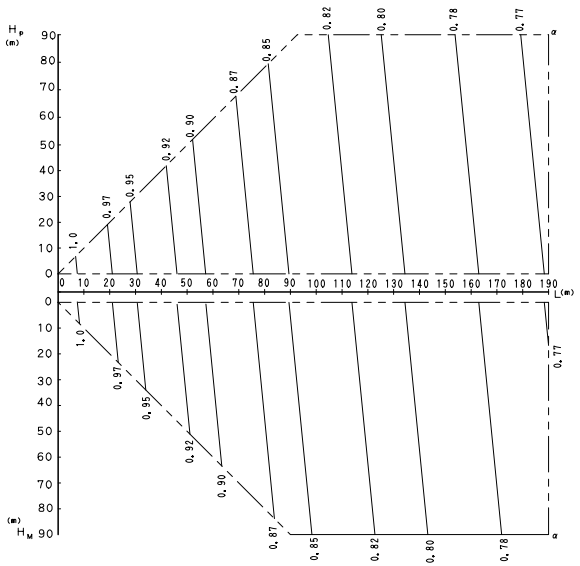
(Example) RXQ20/32/34T



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.87

3D085311A

1. Rate of change in cooling capacity



[Explanation of symbols]

Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position

HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position

L : Equivalent pipe length(m)

α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ22T	φ 28.6	φ 15.9

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type		
Outer diameter	φ15.9	φ19.1	φ28.6	φ31.8
Minimum Wall Thickness	0.99	0.80	0.99	1.10

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ22T	φ 31.8✽	φ 19.1

✽ If available on the site, use this size. Otherwise, not increased.

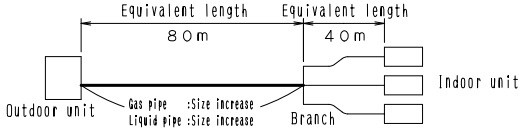
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

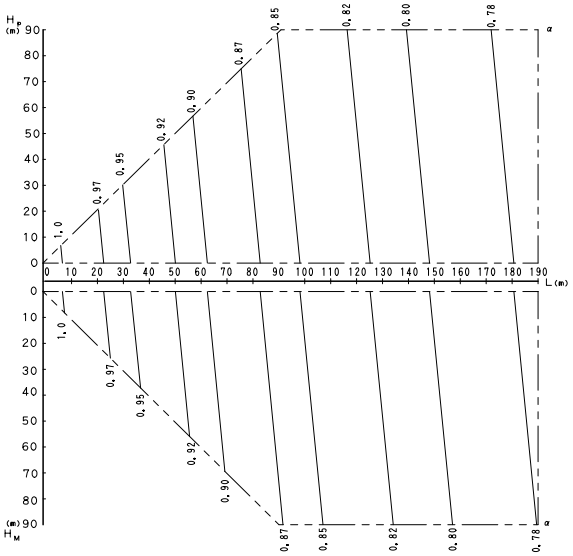
(Example) RXQ22T



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.86

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ46T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ46T	Not Increased	φ 22.2

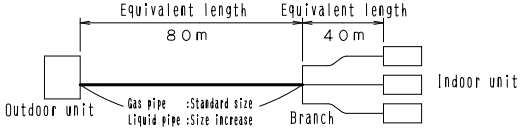
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

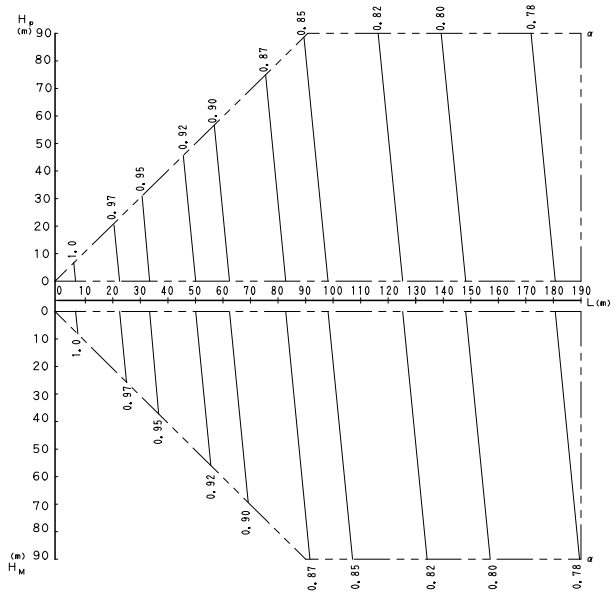
(Example) RXQ46T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

3D085313A

1. Rate of change in cooling capacity



[Explanation of symbols]

Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position

HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position

L : Equivalent pipe length(m)

α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ48T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ48T	Not Increased	φ 22.2

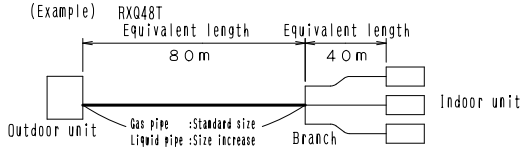
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

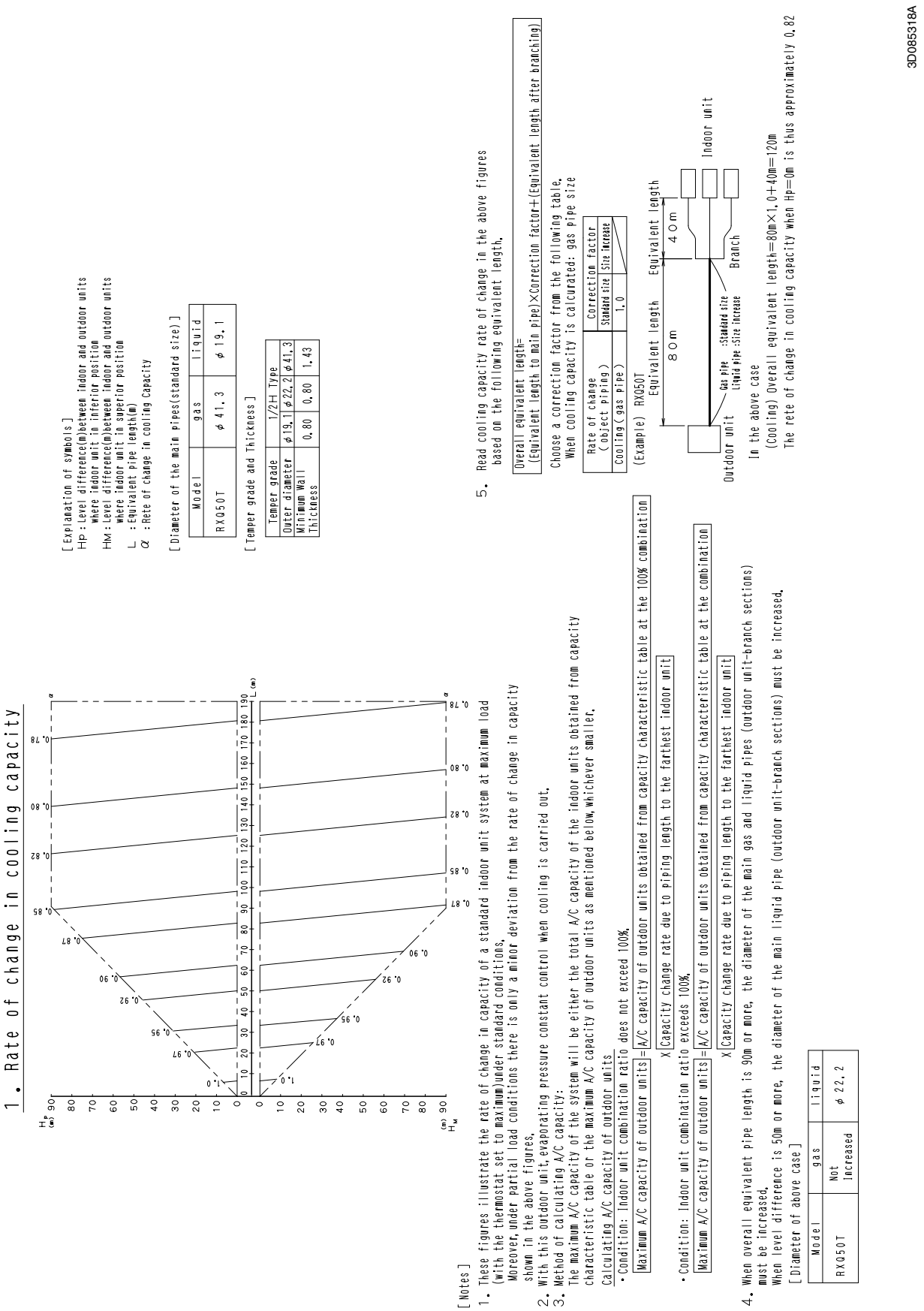
(Example) RXQ48T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

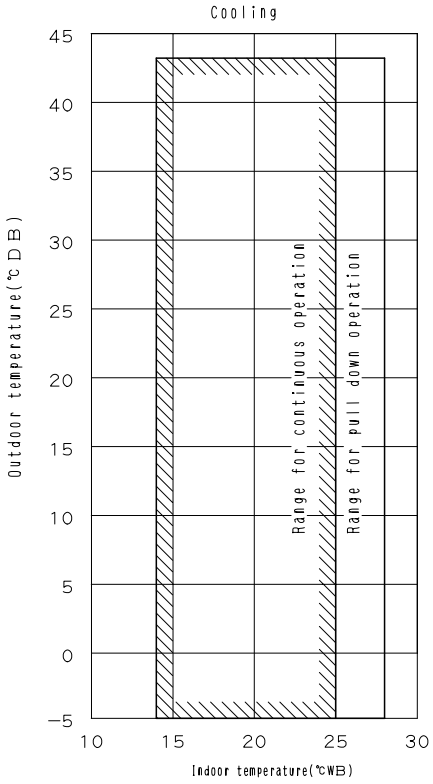
3D085314A

RXQ50THY1


1. Rate of change in cooling capacity
[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units
Where indoor unit in inferior position
Hm : Level difference(m)between indoor and outdoor units
Where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity
[Diameter of the main pipes(standard size)]
Model | gas | liquid
RXQ50T | φ41.3 | φ19.1
[Temper grade and Thickness]
Temper grade | 1/2H Type
Outer diameter | φ19.1 | φ22.2 | φ41.3
Minimum Wall Thickness | 0.80 | 0.80 | 1.43
Hp (m)
Hm (m)
L (m)
α
[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions,
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units
• Condition: Indoor unit combination ratio does not exceed 100%.
Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
X Capacity change rate due to piping length to the farthest indoor unit
• Condition: Indoor unit combination ratio exceeds 100%.
Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
[Diameter of above case]
Model | gas | liquid
RXQ50T | Not increased | φ22.2
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)
Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size
Rate of change (Object piping) | Correction factor
Cooling (gas pipe) | Standard size: 1.0 | Size increase
(Example) RXQ50T
Equivalent length 80m
Equivalent length 40m
Outdoor unit
Gas pipe :Standard size
Liquid Pipe :Size increase
Branch
Indoor unit
In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82
3D085318A

7. Operation Limits

RXQ12THY1 / RXQ14THY1 / RXQ16THY1 / RXQ18THY1 / RXQ20THY1 / RXQ22THY1 / RXQ24THY1 / RXQ26THY1 / RXQ28THY1 / RXQ30THY1 / RXQ32THY1 / RXQ34THY1 / RXQ36THY1 / RXQ38THY1 / RXQ40THY1 / RXQ42THY1 / RXQ44THY1 / RXQ46THY1 / RXQ48THY1 / RXQ50THY1



3D084453

8. Sound Levels

8.1 Overall

dB(A)

Model	Sound pressure level
	380-415V, 50Hz
RXQ12THY1	58
RXQ14THY1	59
RXQ16THY1	59
RXQ18THY1	60
RXQ20THY1	60
RXQ22THY1	60
RXQ24THY1	61

dB(A)

Model	Sound pressure level
	380-415V, 50Hz
RXQ26THY1	61
RXQ28THY1	62
RXQ30THY1	62
RXQ32THY1	63
RXQ34THY1	63
RXQ36THY1	64
RXQ38THY1	64

dB(A)

Model	Sound pressure level
	380-415V, 50Hz
RXQ40THY1	64
RXQ42THY1	65
RXQ44THY1	65
RXQ46THY1	65
RXQ48THY1	66
RXQ50THY1	66

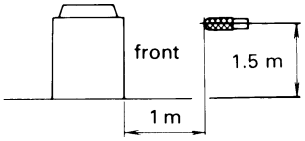
Note:

Sound pressure level:

Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Location of microphone



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9. Accessories

9.1 Optional Accessories

Optional accessories		RXQ12THY1(E) RXQ14THY1(E) RXQ16THY1(E)
Distributive Piping	Refnet header	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T
Outdoor unit multi connection piping kit		BHFP22P100

C: 3D085294D

Optional accessories		RXQ18THY1(E) RXQ20THY1(E) RXQ22THY1(E)	RXQ24THY1(E) RXQ26THY1(E) RXQ28THY1(E) RXQ30THY1(E) RXQ32THY1(E)	RXQ34THY1(E)
Distributive Piping	Refnet header	KHRP26M22H (Max. 4 branch), KHRP26M33H (Max. 8 branch), KHRP26M72H (Max. 8 branch)	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)	
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T	
Pipe size reducer		—	KHRP26M73TP, KHRP26M73HP	
Outdoor unit multi connection piping kit		BHFP22P151		

C: 3D085294D

Optional accessories		RXQ36THY1(E)	RXQ38THY1(E)	RXQ40THY1(E)	RXQ42THY1(E) RXQ44THY1(E) RXQ46THY1(E) RXQ48THY1(E) RXQ50THY1(E)
Distributive Piping	Refnet header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)			
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T			
Pipe size reducer		KHRP26M73TP, KHRP26M73HP			
Outdoor unit multi connection piping kit		BHFP22P151			

C: 3D085294D

Part 7
RXQ-T(N)
Cooling Only 50Hz
Standard Type

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1. Specifications

1.1 Cooling Only 50Hz Standard Type (RXQ-T(N))

Model Name			RXQ6TY1(E)	RXQ8TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	13,800	19,300
		Btu/h	54,600	76,400
		kW	16.0	22.4
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×930×765	1,657×930×765
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m³/h	16.24	16.24
	Number of Revolutions	r/min	7,668	7,668
	Motor Output× Number of Units	kW	2.4×1	3.4×1
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	0.55×1	0.55×1
	Airflow Rate	m³/min	119	157
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ9.5 C1220T (Brazing connection)	ϕ9.5 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
Mass		kg	185	185
★2 Sound pressure level		dB(A)	55	56
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	20-100	20-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9	5.9
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.			C: 4D084877A	C: 4D084877A

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.

★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).

4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name			RXQ10TY1(E)	RXQ12TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	24,100	28,800
		Btu/h	95,500	114,000
		kW	28.0	33.5
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×930×765	1,657×930×765
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	24.37	24.68
	Number of Revolutions	r/min	7,650	7,746
	Motor Output× Number of Units	kW	4.1×1	5.2×1
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	0.55×1	0.55×1
	Airflow Rate	m^3/min	165	178
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ9.5 C1220T (Brazing connection)	ϕ12.7 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ22.2 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	195	195
★2 Sound pressure level		dB(A)	57	59
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	16-100	15-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.0	6.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.			C: 4D084980A	C: 4D084980A

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

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Model Name (Combination Unit)			RXQ14TY1(E)	RXQ16TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	34,400	38,700
		Btu/h	136,000	154,000
		kW	40.0	45.0
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×1,240×765	1,657×1,240×765
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	14.84+16.11	16.27+17.54
	Number of Revolutions	r/min	7,008+7,608	7,680+8,280
	Motor Output× Number of Units	kW	(2.9×1)+(3.3×1)	(3.6×1)+(3.7×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	0.75×2	0.75×2
	Airflow Rate	m^3/min	233	233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ12.7 C1220T (Brazing connection)	ϕ12.7 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	285	285
★2 Sound pressure level		dB(A)	60	61
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	11-100	10-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.3	10.4
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.			C: 4D084977A	C: 4D084977A

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ18TNY1(E)	RXQ20TNY1(E)
Model Name (Independent Unit)			RXQ8TY1(E)+RXQ10TY1(E)	RXQ8TY1(E)+RXQ12TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	43,300	48,100
		Btu/h	172,000	191,000
		kW	50.4	55.9
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(24.37)	(16.24)+(24.68)
	Number of Revolutions	r/min	(7,668)+(7,650)	(7,668)+(7,746)
	Motor Output× Number of Units	kW	(3.4×1)+(4.1×1)	(3.4×1)+(5.2×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)
	Airflow Rate	m^3/min	157+165	157+178
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ15.9 C1220T (Brazing connection)	ϕ15.9 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	185+195	185+195
★2 Sound pressure level		dB(A)	60	61
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	8-100	8-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+6.0	5.9+6.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

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Model Name (Combination Unit)			**RXQ22TNY1(E)**	**RXQ24TNY1(E)**
Model Name (Independent Unit)			**RXQ8TY1(E)+RXQ14TY1(E)**	**RXQ10TY1(E)+RXQ14TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	53,700	58,500
		Btu/h	213,000	232,000
		kW	62.4	68.0
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(14.84+16.11)	(24.37)+(14.84+16.11)
	Number of Revolutions	r/min	(7,668)+(7,008+7,608)	(7,650)+(7,008+7,608)
	Motor Output× Number of Units	kW	(3.4×1)+(2.9×1)+(3.3×1)	(4.1×1)+(2.9×1)+(3.3×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.75×2)	(0.55×1)+(0.75×2)
	Airflow Rate	m^3/min	157+233	165+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ15.9 C1220T (Brazing connection)	ϕ15.9 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	185+285	195+285
★2 Sound pressure level		dB(A)	61	62
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	7-100	6-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+10.3	6.0+10.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ26TNY1(E)	RXQ28TNY1(E)
Model Name (Independent Unit)			RXQ12TY1(E)+RXQ14TY1(E)	RXQ14TY1(E)+RXQ14TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	63,200	68,800
		Btu/h	251,000	273,000
		kW	73.5	80.0
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(24.68)+(14.84+16.11)	(14.84+16.11)+(14.84+16.11)
	Number of Revolutions	r/min	(7,746)+(7,008+7,608)	(7,008+7,608)+(7,008+7,608)
	Motor Output× Number of Units	kW	(5.2×1)+(2.9×1)+(3.3×1)	(2.9×1)+(3.3×1)+(2.9×1)+(3.3×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	178+233	233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	195+285	285+285
★2 Sound pressure level		dB(A)	63	63
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	6-100	5-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.3+10.3	10.3+10.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

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Model Name (Combination Unit)			**RXQ30TNY1(E)**	**RXQ32TNY1(E)**
Model Name (Independent Unit)			**RXQ14TY1(E)+RXQ16TY1(E)**	**RXQ14TY1(E)+RXQ18TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	73,100	77,400
		Btu/h	290,000	307,000
		kW	85.0	90.0
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(14.84+16.11)+(16.27+17.54)	(14.84+16.11)+(16.27+17.54)
	Number of Revolutions	r/min	(7,008+7,608)+(7,680+8,280)	(7,008+7,608)+(7,680+8,280)
	Motor Output× Number of Units	kW	(2.9×1)+(3.3×1)+(3.6×1)+(3.7×1)	(2.9×1)+(3.3×1)+(4.4×1)+(4.0×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	233+233	233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	285+285	285+285
★2 Sound pressure level		dB(A)	64	64
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	5-100	5-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.3+10.4	10.3+10.5
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ34TNY1(E)	RXQ36TNY1(E)
Model Name (Independent Unit)			RXQ10TY1(E)+RXQ12TY1(E)+RXQ12TY1(E)	RXQ12TY1(E)+RXQ12TY1(E)+RXQ12TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	81,700	86,900
		Btu/h	324,000	345,000
		kW	95.0	101
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)+(1,657×930×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(24.37)+(24.68)+(24.68)	(24.68)+(24.68)+(24.68)
	Number of Revolutions	r/min	(7,650)+(7,746)+(7,746)	(7,746)+(7,746)+(7,746)
	Motor Output× Number of Units	kW	(4.1×1)+(5.2×1)+(5.2×1)	(5.2×1)+(5.2×1)+(5.2×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)+(0.55×1)
	Airflow Rate	m^3/min	165+178+178	178+178+178
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	195+195+195	195+195+195
★2 Sound pressure level		dB(A)	63	64
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	5-100	5-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.0+6.3+6.3	6.3+6.3+6.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

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Model Name (Combination Unit)			**RXQ38TNY1(E)**	**RXQ40TNY1(E)**
Model Name (Independent Unit)			**RXQ8TY1(E)+RXQ12TY1(E)+RXQ18TY1(E)**	**RXQ12TY1(E)+RXQ12TY1(E)+RXQ16TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	91,200	96,300
		Btu/h	362,000	382,000
		kW	106	112
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(24.68)+(16.27+17.54)	(24.68)+(24.68)+(16.27+17.54)
	Number of Revolutions	r/min	(7,668)+(7,746)+(7,680+8,280)	(7,746)+(7,746)+(7,680+8,280)
	Motor Output× Number of Units	kW	(3.4×1)+(5.2×1)+(4.4×1)+(4.0×1)	(5.2×1)+(5.2×1)+(3.6×1)+(3.7×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)+(0.75×2)	(0.55×1)+(0.55×1)+(0.75×2)
	Airflow Rate	m^3/min	157+178+233	178+178+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	185+195+285	195+195+285
★2 Sound pressure level		dB(A)	64	65
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	4-100	4-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+6.3+10.5	6.3+6.3+10.4
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ42TNY1(E)	RXQ44TNY1(E)
Model Name (Independent Unit)			RXQ12TY1(E)+RXQ14TY1(E)+RXQ16TY1(E)	RXQ12TY1(E)+RXQ16TY1(E)+RXQ16TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	102,000	107,000
		Btu/h	406,000	423,000
		kW	119	124
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(24.68)+(14.84+16.11)+(16.27+17.54)	(24.68)+(16.27+17.54)+(16.27+17.54)
	Number of Revolutions	r/min	(7,746)+(7,008+7,608)+(7,680+8,280)	(7,746)+(7,680+8,280)+(7,680+8,280)
	Motor Output× Number of Units	kW	(5.2×1)+(2.9×1)+(3.3×1)+(3.6×1)+(3.7×1)	(5.2×1)+(3.6×1)+(3.7×1)+(3.6×1)+(3.7×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.75×2)+(0.75×2)	(0.55×1)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	178+233+233	178+233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	195+285+285	195+285+285
★2 Sound pressure level		dB(A)	65	65
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	4-100	4-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.3+10.3+10.4	6.3+10.4+10.4
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

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Model Name (Combination Unit)			**RXQ46TNY1(E)**	**RXQ48TNY1(E)**
Model Name (Independent Unit)			**RXQ14TY1(E)+RXQ14TY1(E)+RXQ18TY1(E)**	**RXQ14TY1(E)+RXQ16TY1(E)+RXQ18TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	112,000	116,000
		Btu/h	444,000	461,000
		kW	130	135
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(14.84+16.11)+(14.84+16.11)+(16.27+17.54)	(14.84+16.11)+(16.27+17.54)+(16.27+17.54)
	Number of Revolutions	r/min	(7,008+7,608)+(7,008+7,608)+(7,680+8,280)	(7,008+7,608)+(7,680+8,280)+(7,680+8,280)
	Motor Output× Number of Units	kW	(2.9×1)+(3.3×1)+(2.9×1)+(3.3×1)+(4.4×1)+(4.0×1)	(2.9×1)+(3.3×1)+(3.6×1)+(3.7×1)+(4.4×1)+(4.0×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	233+233+233	233+233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	285+285+285	285+285+285
★2 Sound pressure level		dB(A)	66	66
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	3-100	3-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.3+10.3+10.5	10.3+10.4+10.5
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ50TNY1(E)	RXQ52TNY1(E)
Model Name (Independent Unit)			RXQ14TY1(E)+RXQ18TY1(E)+RXQ18TY1(E)	RXQ16TY1(E)+RXQ18TY1(E)+RXQ18TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	120,000	125,000
		Btu/h	478,000	495,000
		kW	140	145
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(14.84+16.11)+(16.27+17.54)+(16.27+17.54)	(16.27+17.54)+(16.27+17.54)+(16.27+17.54)
	Number of Revolutions	r/min	(7,008+7,608)+(7,680+8,280)+(7,680+8,280)	(7,680+8,280)+(7,680+8,280)+(7,680+8,280)
	Motor Output× Number of Units	kW	(2.9×1)+(3.3×1)+(4.4×1)+(4.0×1)+(4.4×1)+(4.0×1)	(3.6×1)+(3.7×1)+(4.4×1)+(4.0×1)+(4.4×1)+(4.0×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	233+233+233	233+233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	285+285+285	285+285+285
★2 Sound pressure level		dB(A)	66	66
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	3-100	3-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.3+10.5+10.5	10.4+10.5+10.5
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

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Model Name (Combination Unit)			**RXQ54TNY1(E)**	**RXQ56TNY1(E)**
Model Name (Independent Unit)			**RXQ18TY1(E)+RXQ18TY1(E)+RXQ18TY1(E)**	**RXQ18TY1(E)+RXQ18TY1(E)+RXQ20TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	129,000	134,000
		Btu/h	512,000	532,000
		kW	150	156
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.27+17.54)+(16.27+17.54)+(16.27+17.54)	(16.27+17.54)+(16.27+17.54)+(16.90+26.28)
	Number of Revolutions	r/min	(7,680+8,280)+(7,680+8,280)+(7,680+8,280)	(7,680+8,280)+(7,680+8,280)+(7,980+8,250)
	Motor Output× Number of Units	kW	(4.4×1)+(4.0×1)+(4.4×1)+(4.0×1)+(4.4×1)+(4.0×1)	(4.4×1)+(4.0×1)+(4.4×1)+(4.0×1)+(4.6×1)+(5.5×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	233+233+233	233+233+268
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	285+285+285	285+285+320
★2 Sound pressure level		dB(A)	67	68
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	3-100	3-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.5+10.5+10.5	10.5+10.5+11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ58TNY1(E)	RXQ60TNY1(E)
Model Name (Independent Unit)			RXQ18TY1(E)+RXQ20TY1(E)+RXQ20TY1(E)	RXQ20TY1(E)+RXQ20TY1(E)+RXQ20TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	139,000	144,000
		Btu/h	553,000	573,000
		kW	162	168
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.27+17.54)+(16.90+26.28)+(16.90+26.28)	(16.90+26.28)+(16.90+26.28)+(16.90+26.28)
	Number of Revolutions	r/min	(7,680+8,280)+(7,980+8,250)+(7,980+8,250)	(7,980+8,250)+(7,980+8,250)+(7,980+8,250)
	Motor Output× Number of Units	kW	(4.4×1)+(4.0×1)+(4.6×1)+(5.5×1)+(4.6×1)+(5.5×1)	(4.6×1)+(5.5×1)+(4.6×1)+(5.5×1)+(4.6×1)+(5.5×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	233+268+268	268+268+268
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	285+320+320	320+320+320
★2 Sound pressure level		dB(A)	69	70
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	3-100	3-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.5+11.8+11.8	11.8+11.8+11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

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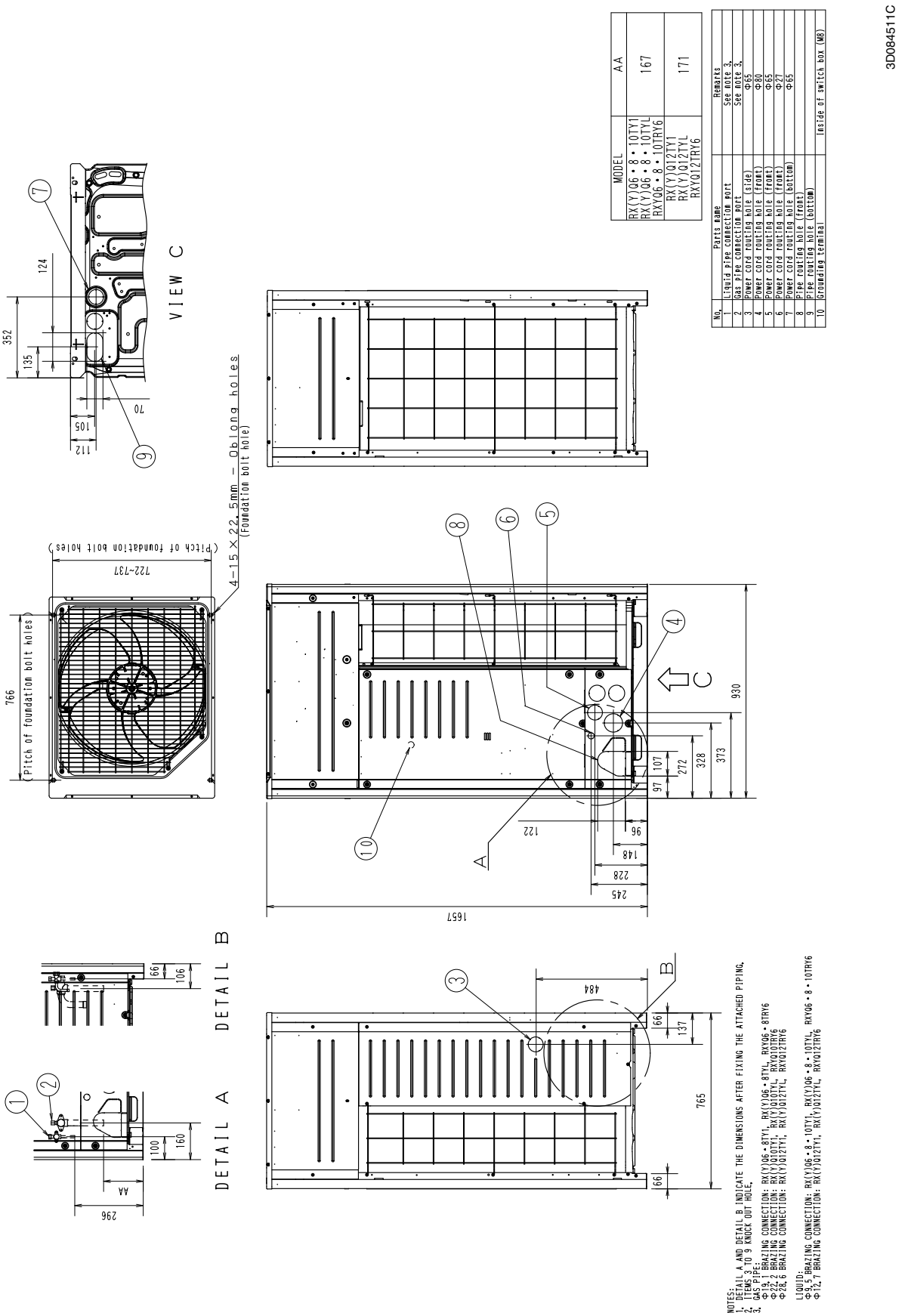
2. Dimensions

2.1 Independent Unit

RXQ6TY1 / RXQ8TY1 / RXQ10TY1 / RXQ12TY1

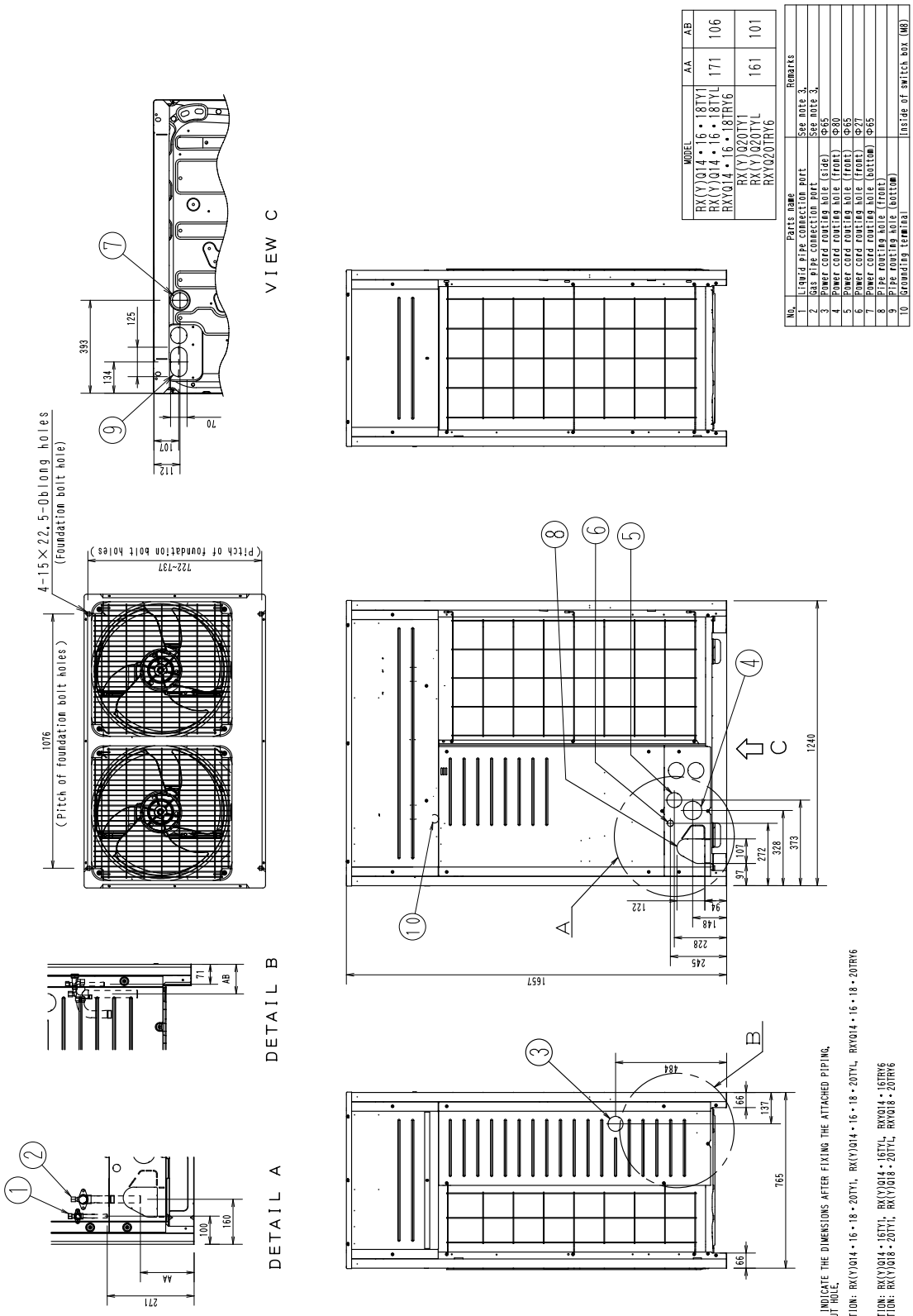
Unit (mm)



RXQ14TY1 / RXQ16TY1

Unit (mm)

3D084507C



MODEL	AA	AB
RX(Y)Q14・16・18TY1 RXY(Y)Q14・16・18TYL RXYQ14・16・18TRY6	171	106
RX(Y)Q20TY1 RX(Y)Q20TYL RXYQ20TRY6	161	101

No.	Parts name	Remarks
1	Liquid pipe connection port	See note 3.
2	Gas pipe connection port	See note 3.
3	Power cord routing hole (side)	Φ65
4	Power cord routing hole (front)	Φ80
5	Power cord routing hole (front)	Φ65
6	Power cord routing hole (front)	Φ27
7	Power cord routing hole (bottom)	Φ65
8	Pipe routing hole (front)	
9	Pipe routing hole (bottom)	
10	Grounding terminal	Inside of switch box (M8)

NOTES:
1. DETAIL A AND DETAIL B INDICATE THE DIMENSIONS AFTER FIXING THE ATTACHED PIPING.
2. ITEMS 3 TO 9: KNOCK OUT HOLE.
3. GAS PIPE:
Φ28.6 BRAZING CONNECTION: RX(Y)Q14・16・18・20TY1, RX(Y)Q14・16・18・20TYL, RXYQ14・16・18・20TRY6
LIQUID PIPE:
Φ12.7 BRAZING CONNECTION: RX(Y)Q14・16TY1, RX(Y)Q14・16TYL, RXYQ14・16TRY6
Φ15.9 BRAZING CONNECTION: RX(Y)Q18・20TY1, RX(Y)Q18・20TYL, RXYQ18・20TRY6

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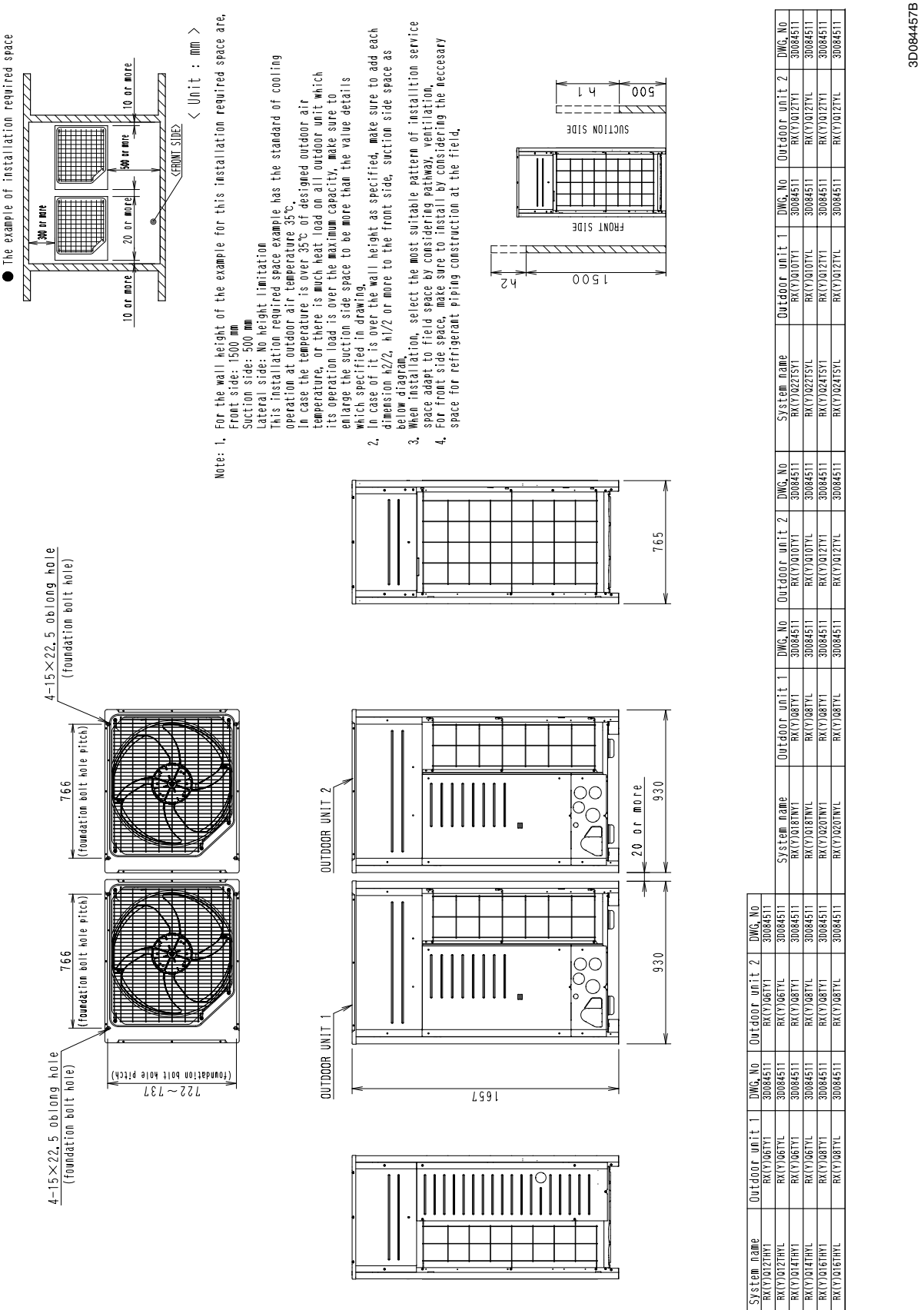
2.2 Combination Unit

RXQ18TNY1 / RXQ20TNY1

Unit (mm)

3D084457B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q12THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511
RX(Y)Q12THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511
RX(Y)Q14THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q14THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q16THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q16THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511

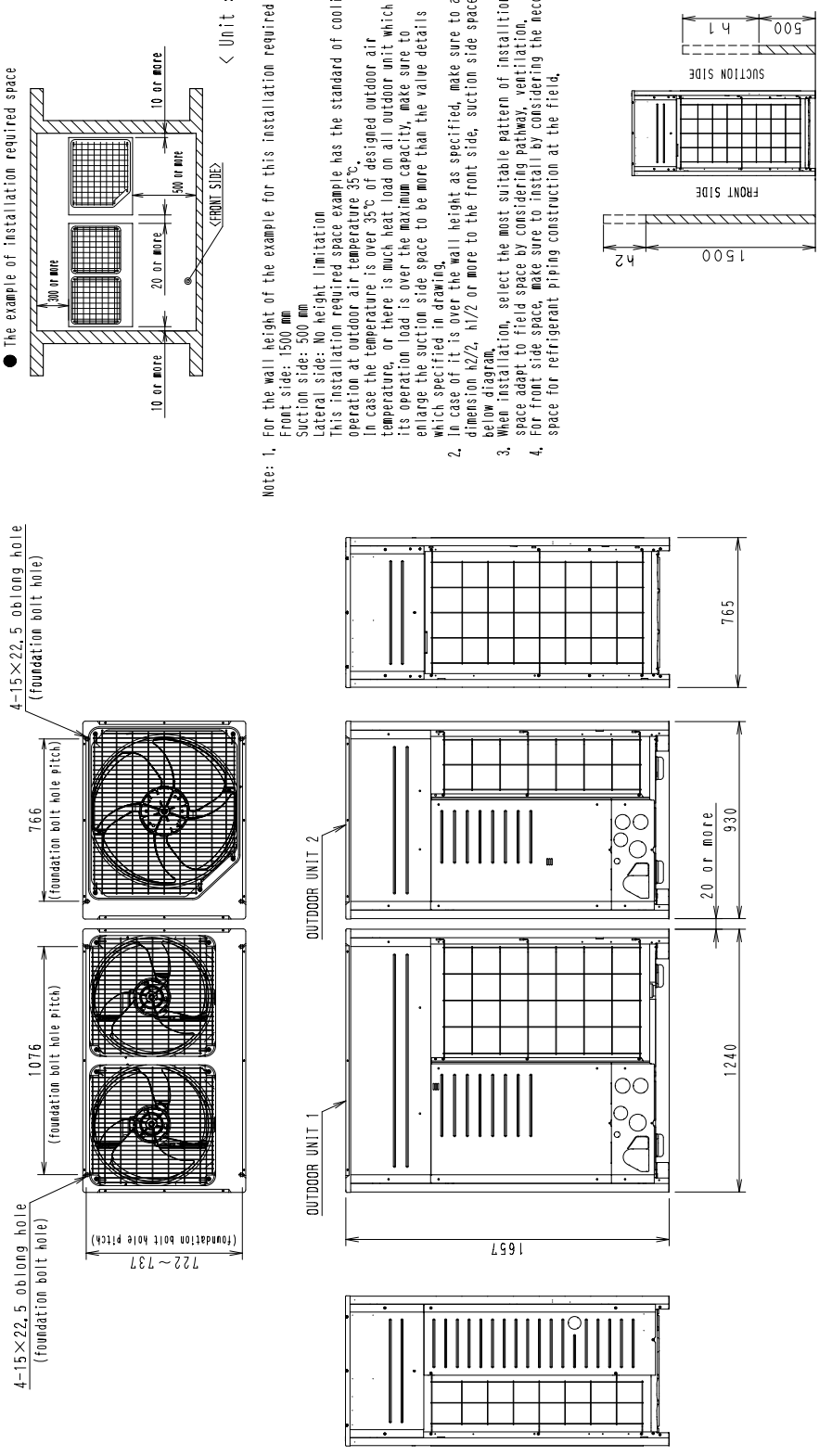
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q18TNY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q18TNYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q20TNY1	RX(Y)Q8TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q20TNYL	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q22TSY1	RX(Y)Q10TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q22TSYL	RX(Y)Q10TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q24TSY1	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q24TSYL	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

RXQ22TNY1 / RXQ24TNY1 / RXQ26TNY1

Unit (mm)

3D084458B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q22TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q8TY1	3D084511
	RX(Y)Q14TYL	3D084507	RX(Y)Q8TYL	3D084511
RX(Y)Q24TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q10TY1	3D084511
	RX(Y)Q14TYL	3D084507	RX(Y)Q10TYL	3D084511
RX(Y)Q26TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q12TY1	3D084511
	RX(Y)Q14TYL	3D084507	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q26TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q8TY1	3D084511
RX(Y)Q26TSYL	RX(Y)Q18TYL	3D084507	RX(Y)Q8TYL	3D084511
RX(Y)Q28TSY1	RX(Y)Q16TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q28TSYL	RX(Y)Q16TYL	3D084507	RX(Y)Q12TYL	3D084511
RX(Y)Q30TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q30TSYL	RX(Y)Q18TYL	3D084507	RX(Y)Q12TYL	3D084511
RX(Y)Q32TSY1	RX(Y)Q20TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q32TSYL	RX(Y)Q20TYL	3D084507	RX(Y)Q12TYL	3D084511

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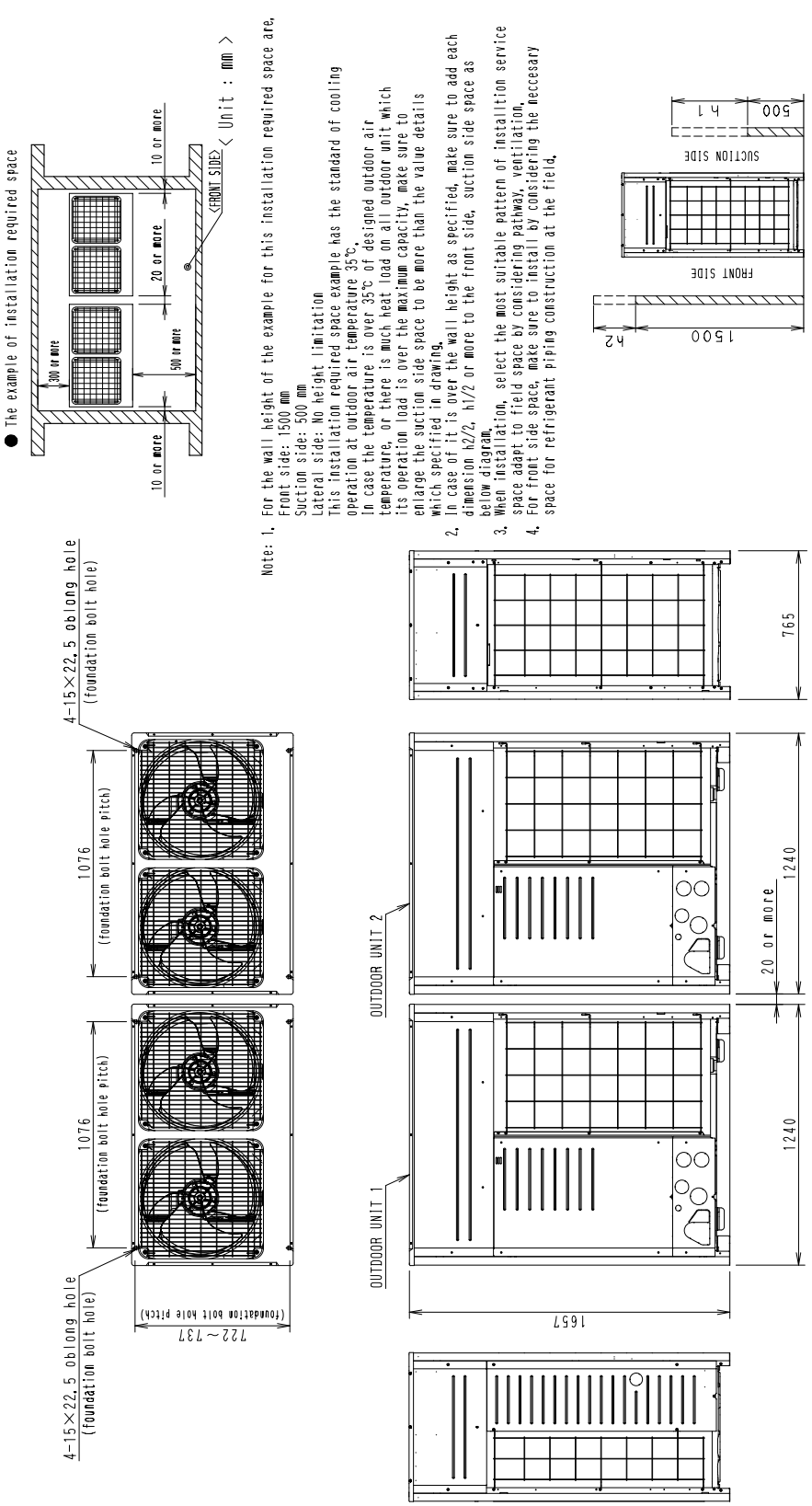
RXQ28TNY1 / RXQ30TNY1 / RXQ32TNY1

Unit (mm)

3D084462B



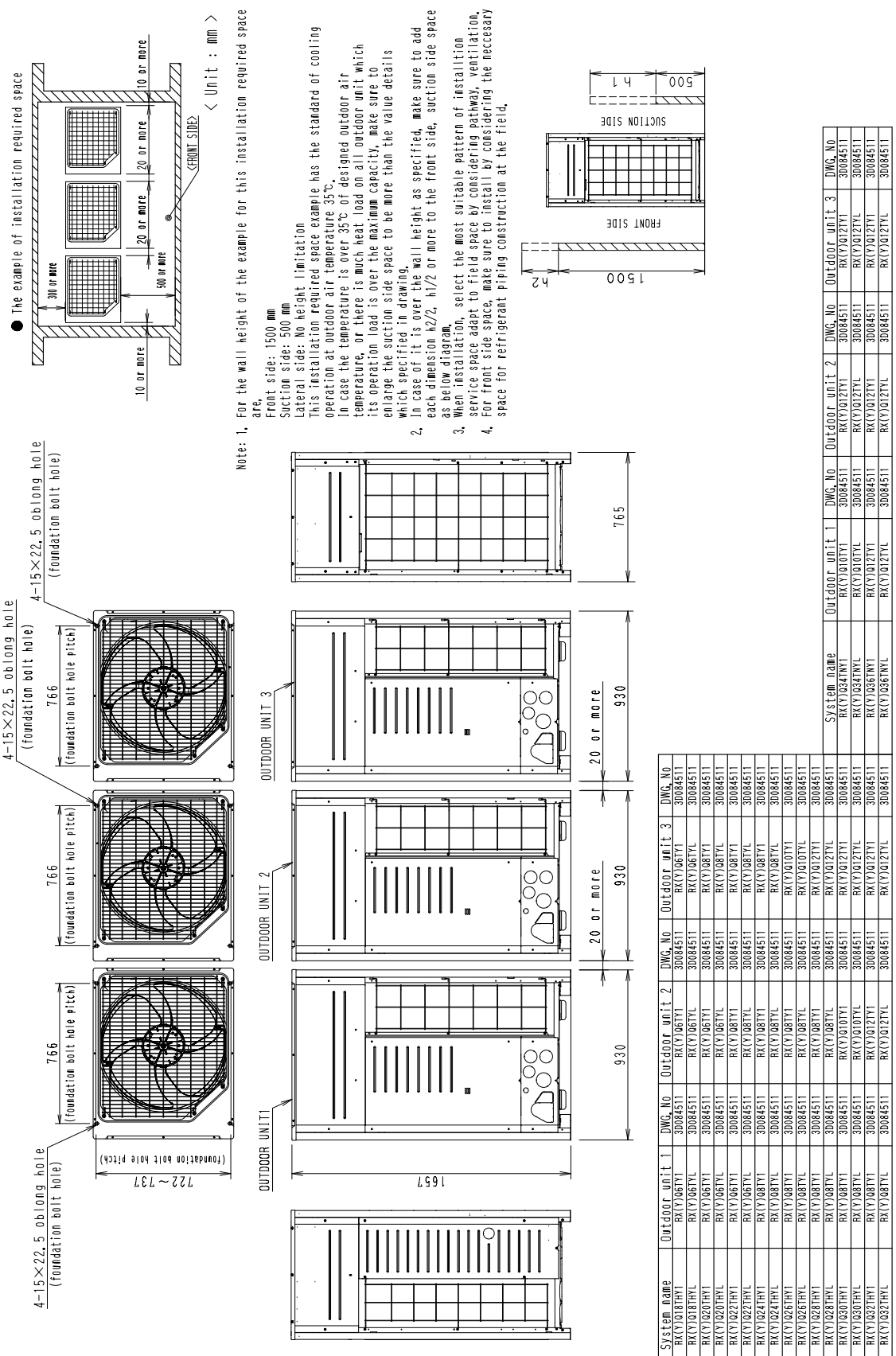
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q28TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TY1	3D084507
	RX(Y)Q14TYL		RX(Y)Q14TYL	
RX(Y)Q28TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507
RX(Y)Q30TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507
RX(Y)Q30TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507
RX(Y)Q32TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q32TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q18TYL	3D084507

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q34TSY1	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q34TSYL	RX(Y)Q16TYL	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q36TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q36TSYL	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q38TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q38TSYL	RX(Y)Q18TYL	3D084507	RX(Y)Q20TYL	3D084507
RX(Y)Q40TSY1	RX(Y)Q20TY1	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q40TSYL	RX(Y)Q20TYL	3D084507	RX(Y)Q20TYL	3D084507

RXQ34TNY1 / RXQ36TNY1

Unit (mm)

3D084529B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q18THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511
RX(Y)Q18THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511
RX(Y)Q20THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q20THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q22THY1	RX(Y)Q6TY1	3D084511	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q22THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q24THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q24THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q26THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511	RX(Y)Q10TY1	3D084511
RX(Y)Q26THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q10TYL	3D084511
RX(Y)Q28THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q28THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q30THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q10TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q30THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q10TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q32THY1	RX(Y)Q8TY1	3D084511	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q32THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q34TNY1	RX(Y)Q10TY1	3D084511	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q34TNYL	RX(Y)Q10TYL	3D084511	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q36TNY1	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q36TNYL	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

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RXQ38TNY1 / RXQ40TNY1

Unit (mm)

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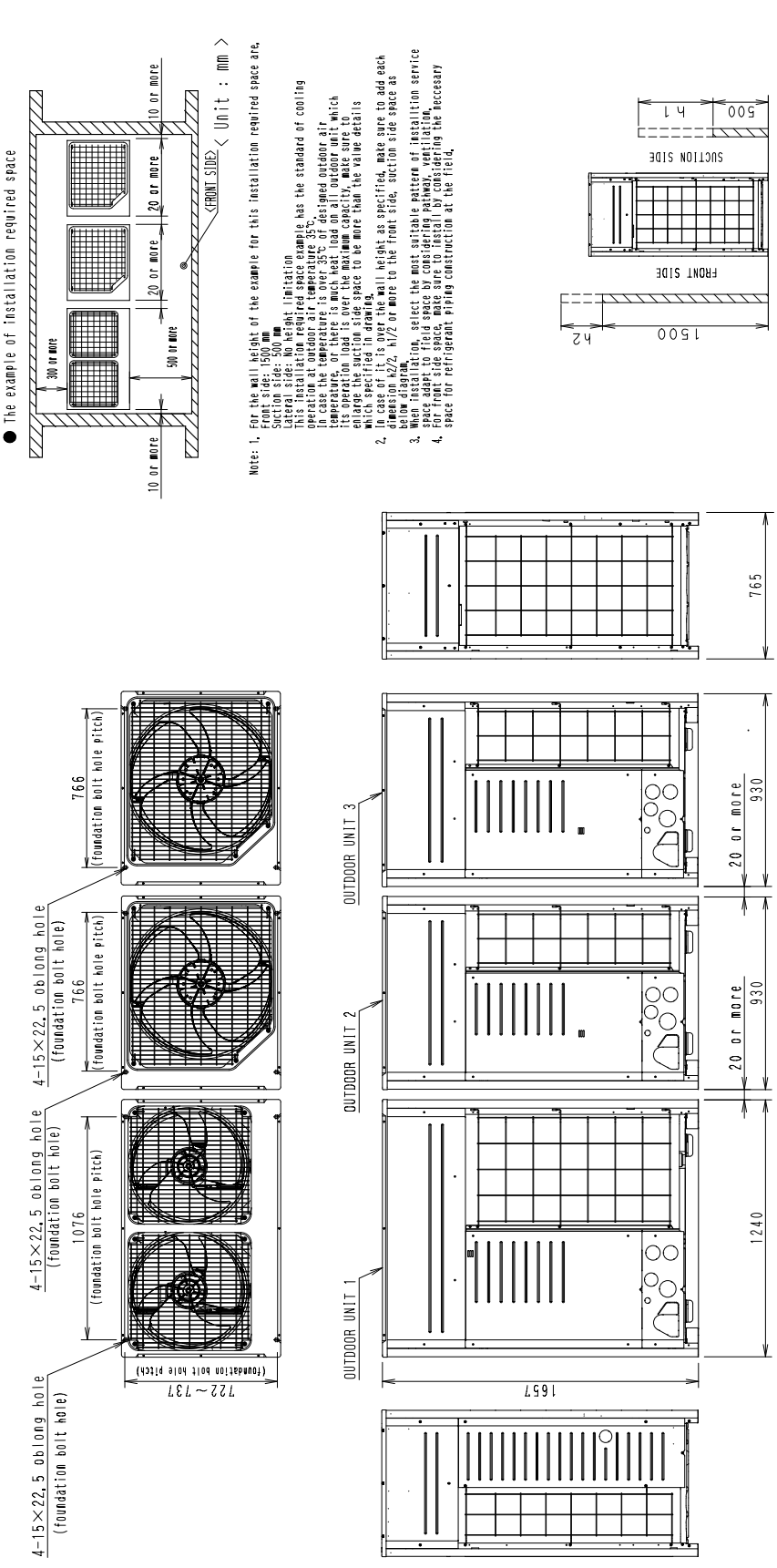


System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RXQ38TNY1	RXQ38TNY1	3D084511	RXQ38TNY1	3D084511	RXQ38TNY1	3D084511
RXQ38TNYL	RXQ38TNYL	3D084511	RXQ38TNYL	3D084511	RXQ38TNYL	3D084511
RXQ40TNY1	RXQ40TNY1	3D084511	RXQ40TNY1	3D084511	RXQ40TNY1	3D084511
RXQ40TNYL	RXQ40TNYL	3D084511	RXQ40TNYL	3D084511	RXQ40TNYL	3D084511

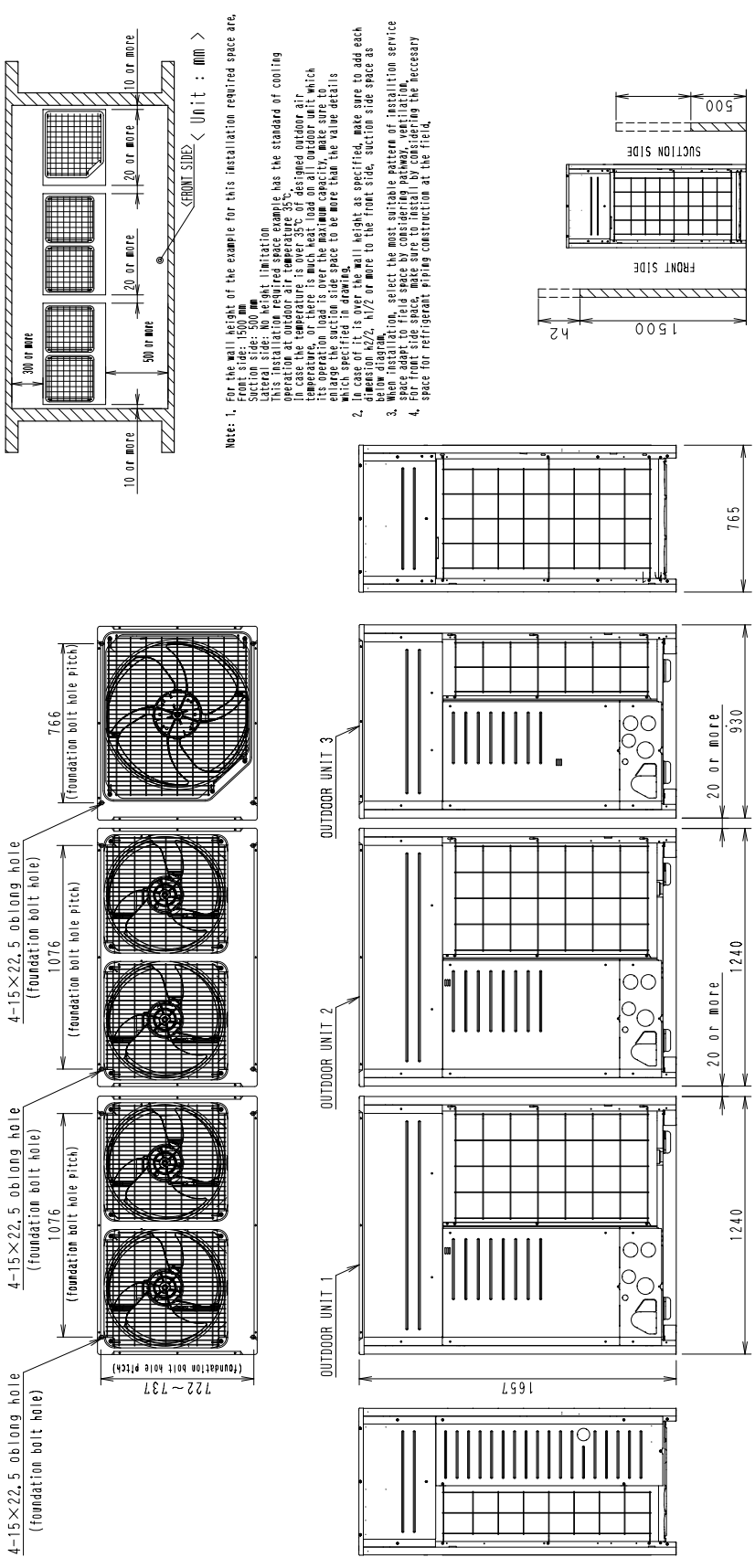
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RXQ34TNY1	RXQ34TNY1	3D084507	RXQ34TNY1	3D084511	RXQ34TNY1	3D084511
RXQ34TNYL	RXQ34TNYL	3D084507	RXQ34TNYL	3D084511	RXQ34TNYL	3D084511
RXQ36TNY1	RXQ36TNY1	3D084507	RXQ36TNY1	3D084511	RXQ36TNY1	3D084511
RXQ36TNYL	RXQ36TNYL	3D084507	RXQ36TNYL	3D084511	RXQ36TNYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RXQ42TSY1	RXQ16TY1	3D084507	RXQ12TY1	3D084511	RXQ12TY1	3D084511
RXQ42TSYL	RXQ18TYL	3D084507	RXQ12TYL	3D084511	RXQ12TYL	3D084511
RXQ44TSY1	RXQ20TY1	3D084507	RXQ12TY1	3D084511	RXQ12TY1	3D084511
RXQ44TSYL	RXQ20TYL	3D084507	RXQ12TYL	3D084511	RXQ12TYL	3D084511

RXQ42TNY1 / RXQ44TNY1

Unit (mm)

3D084464B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)046T5Y1	RX(Y)046T5Y1	3D084507	RX(Y)018T5Y1	3D084507	RX(Y)012T5Y1	3D084511
RX(Y)046T5YL	RX(Y)046T5YL	3D084507	RX(Y)018T5YL	3D084507	RX(Y)012T5YL	3D084511
RX(Y)048T5Y1	RX(Y)018T5Y1	3D084507	RX(Y)018T5Y1	3D084507	RX(Y)012T5Y1	3D084511
RX(Y)048T5YL	RX(Y)018T5YL	3D084507	RX(Y)018T5YL	3D084507	RX(Y)012T5YL	3D084511
RX(Y)050T5Y1	RX(Y)018T5Y1	3D084507	RX(Y)020T5Y1	3D084507	RX(Y)012T5Y1	3D084511
RX(Y)050T5YL	RX(Y)018T5YL	3D084507	RX(Y)020T5YL	3D084507	RX(Y)012T5YL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)036TNY1	RX(Y)014TY1	3D084507	RX(Y)014TY1	3D084507	RX(Y)08TY1	3D084511
RX(Y)036TNYL	RX(Y)014TYL	3D084507	RX(Y)014TYL	3D084507	RX(Y)08TYL	3D084511
RX(Y)040TNY1	RX(Y)014TY1	3D084507	RX(Y)014TY1	3D084507	RX(Y)012TY1	3D084511
RX(Y)040TNYL	RX(Y)014TYL	3D084507	RX(Y)014TYL	3D084507	RX(Y)012TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)042TNY1	RX(Y)014TY1	3D084507	RX(Y)016TY1	3D084507	RX(Y)012TY1	3D084511
RX(Y)042TNYL	RX(Y)014TYL	3D084507	RX(Y)016TYL	3D084507	RX(Y)012TYL	3D084511
RX(Y)044TNY1	RX(Y)016TY1	3D084507	RX(Y)016TY1	3D084507	RX(Y)012TY1	3D084511
RX(Y)044TNYL	RX(Y)016TYL	3D084507	RX(Y)016TYL	3D084507	RX(Y)012TYL	3D084511

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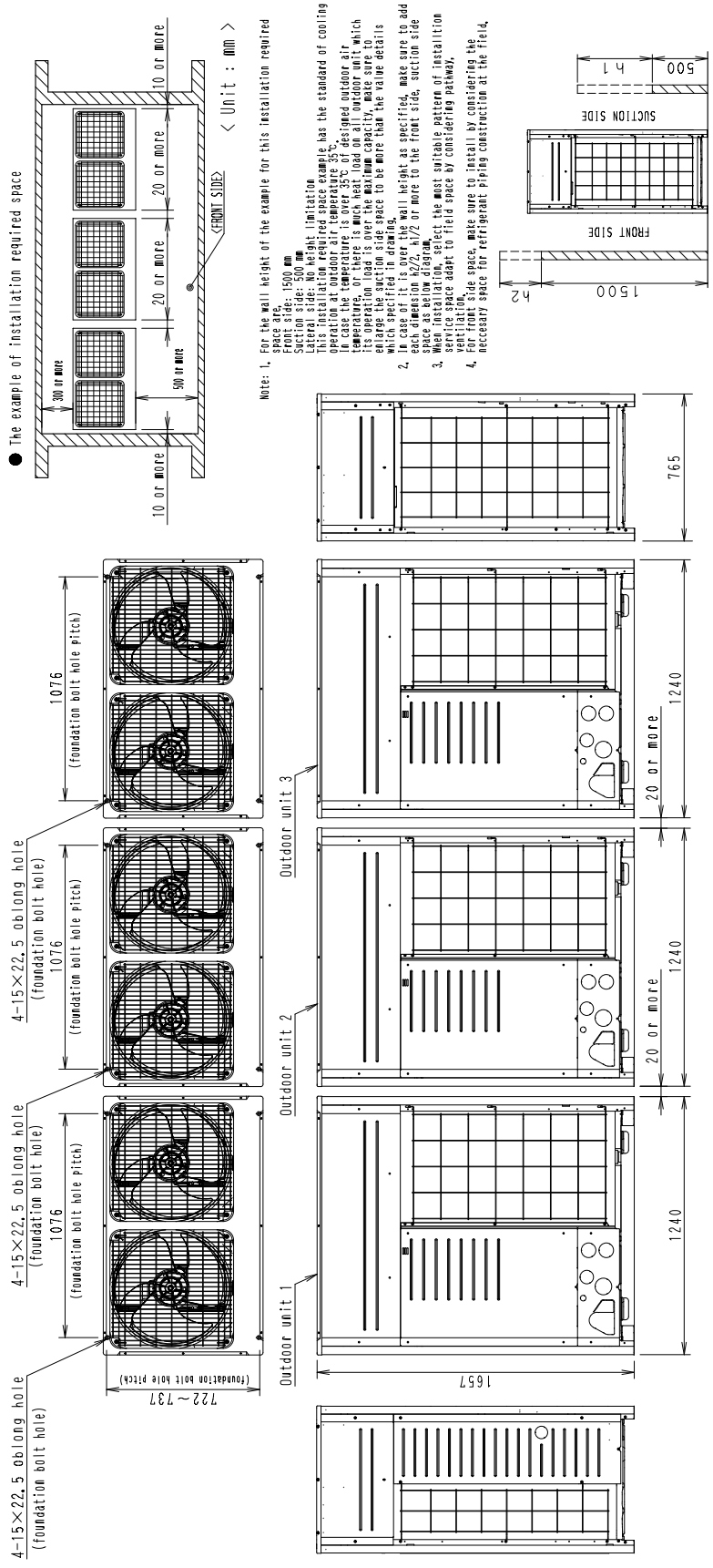
RXQ46TNY1 / RXQ48TNY1 / RXQ50TNY1 / RXQ52TNY1 / RXQ54TNY1 / RXQ56TNY1 / RXQ58TNY1 / RXQ60TNY1

Unit (mm)

3D084465B



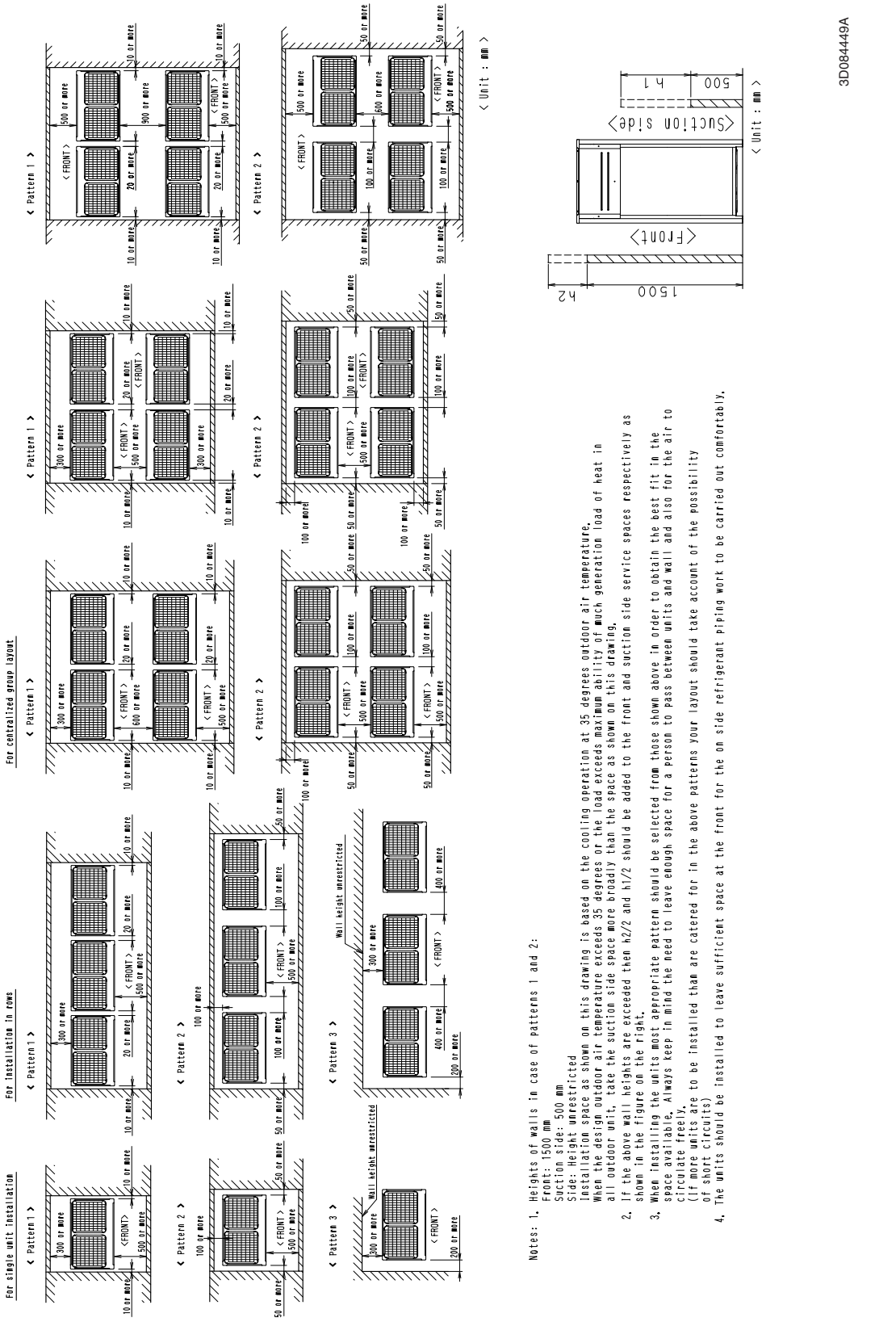
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q42THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TY1	3D084507	RX(Y)Q14TY1	3D084507
RX(Y)Q42THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507
RX(Y)Q44THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507
RX(Y)Q44THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507
RX(Y)Q46THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507	RX(Y)Q16TY1	3D084507
RX(Y)Q46THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507	RX(Y)Q16TYL	3D084507
RX(Y)Q48THY1	RX(Y)Q16TY1	3D084507	RX(Y)Q16TY1	3D084507	RX(Y)Q16TY1	3D084507
RX(Y)Q48THYL	RX(Y)Q16TYL	3D084507	RX(Y)Q16TYL	3D084507	RX(Y)Q16TYL	3D084507
RX(Y)Q50THY1	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q50THYL	RX(Y)Q16TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q46TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q46TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q48TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q48TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q50TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q50TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q52TNY1	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q52TNYL	RX(Y)Q16TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q54TNY1	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q54TNYL	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q56TNY1	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q56TNYL	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507	RX(Y)Q20TYL	3D084507
RX(Y)Q58TNY1	RX(Y)Q18TY1	3D084507	RX(Y)Q20TY1	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q58TNYL	RX(Y)Q18TYL	3D084507	RX(Y)Q20TYL	3D084507	RX(Y)Q20TYL	3D084507
RX(Y)Q60TNY1	RX(Y)Q20TY1	3D084507	RX(Y)Q20TY1	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q60TNYL	RX(Y)Q20TYL	3D084507	RX(Y)Q20TYL	3D084507	RX(Y)Q20TYL	3D084507

3. Service Space

RXQ6TY1 / RXQ8TY1 / RXQ10TY1 / RXQ12TY1 / RXQ14TY1 / RXQ16TY1 / RXQ18TNY1 / RXQ20TNY1 / RXQ22TNY1 / RXQ24TNY1 / RXQ26TNY1 / RXQ28TNY1 / RXQ30TNY1 / RXQ32TNY1 / RXQ34TNY1 / RXQ36TNY1 / RXQ38TNY1 / RXQ40TNY1 / RXQ42TNY1 / RXQ44TNY1 / RXQ46TNY1 / RXQ48TNY1 / RXQ50TNY1 / RXQ52TNY1 / RXQ54TNY1 / RXQ56TNY1 / RXQ58TNY1 / RXQ60TNY1

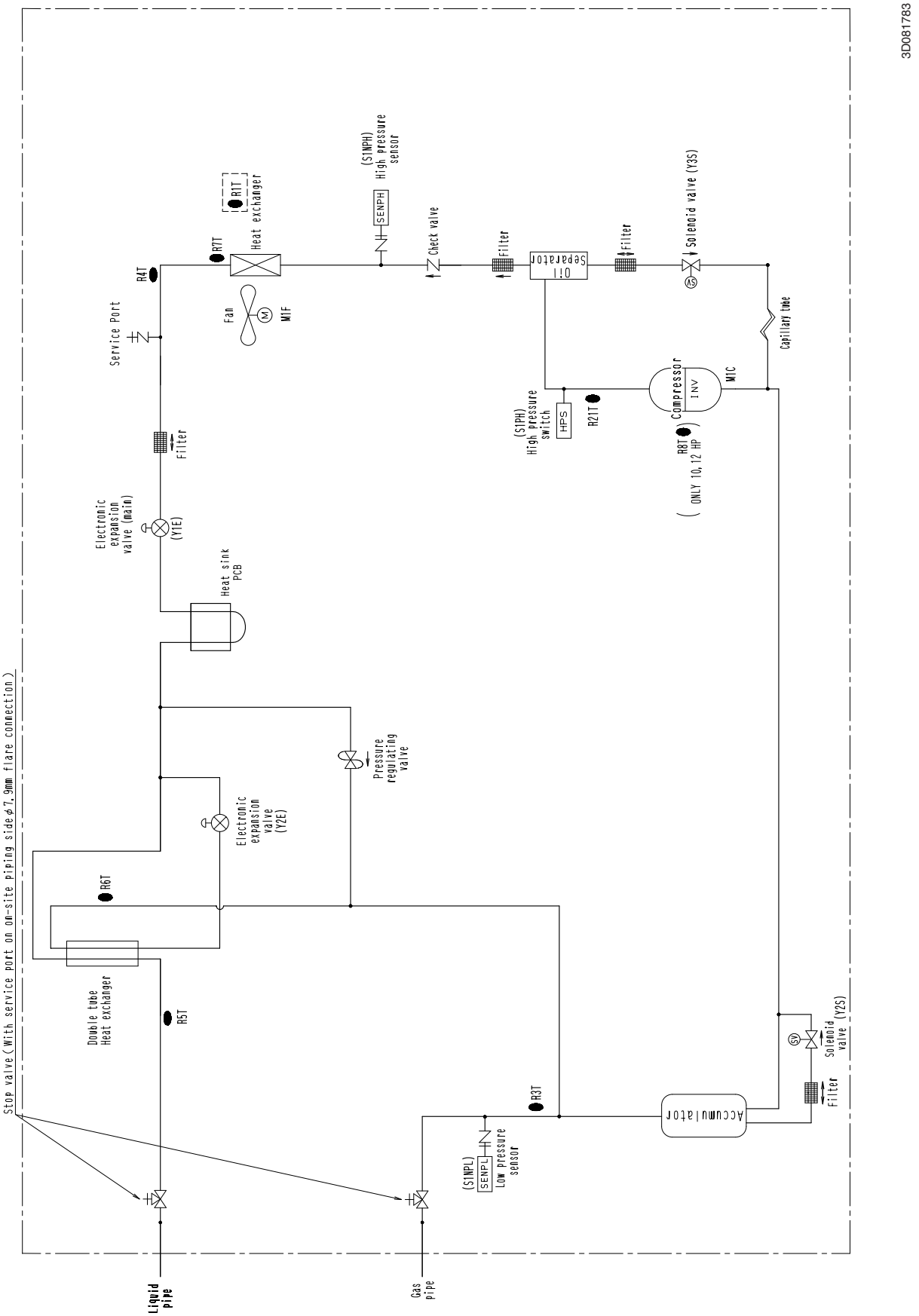
Unit (mm)



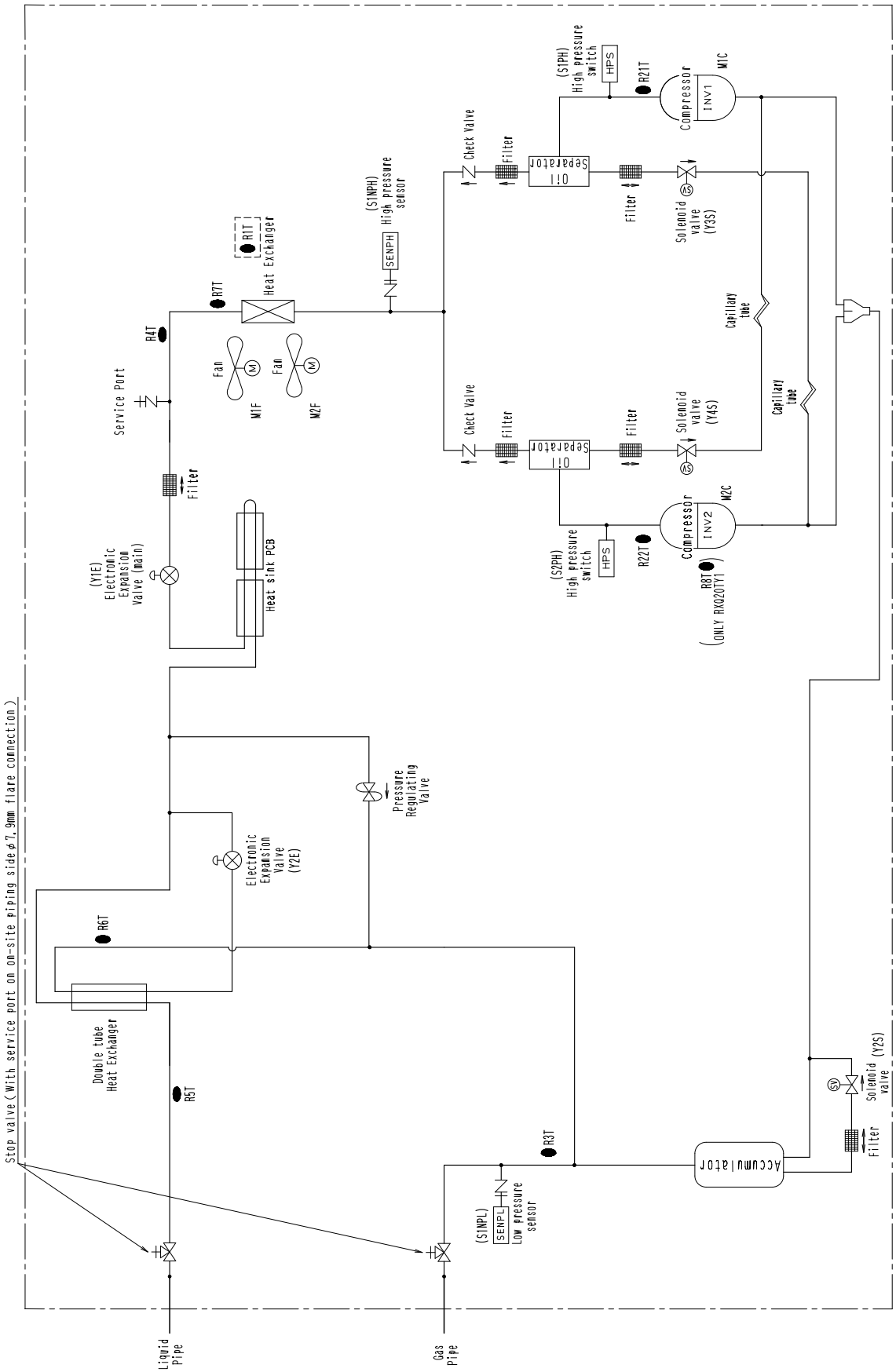
Notes: 1. Heights of walls in case of patterns 1 and 2:
Front: 1500 mm
Suction side: 500 mm
Side: Height unrestricted
Installation space as shown on this drawing is based on the cooling operation at 35 degrees outdoor air temperature.
When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability of much generation load of heat in all outdoor unit, take the suction side space more broadly than the space as shown on this drawing.
2. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
3. When installing the units most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available. Always keep in mind the need to leave enough space for a person to pass between units and wall and also for the air to circulate freely.
(If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits)
4. The units should be installed to leave sufficient space at the front for the on side refrigerant piping work to be carried out comfortably.

4. Piping Diagrams

RXQ6TY1 / RXQ8TY1 / RXQ10TY1 / RXQ12TY1



RXQ14TY1 / RXQ16TY1



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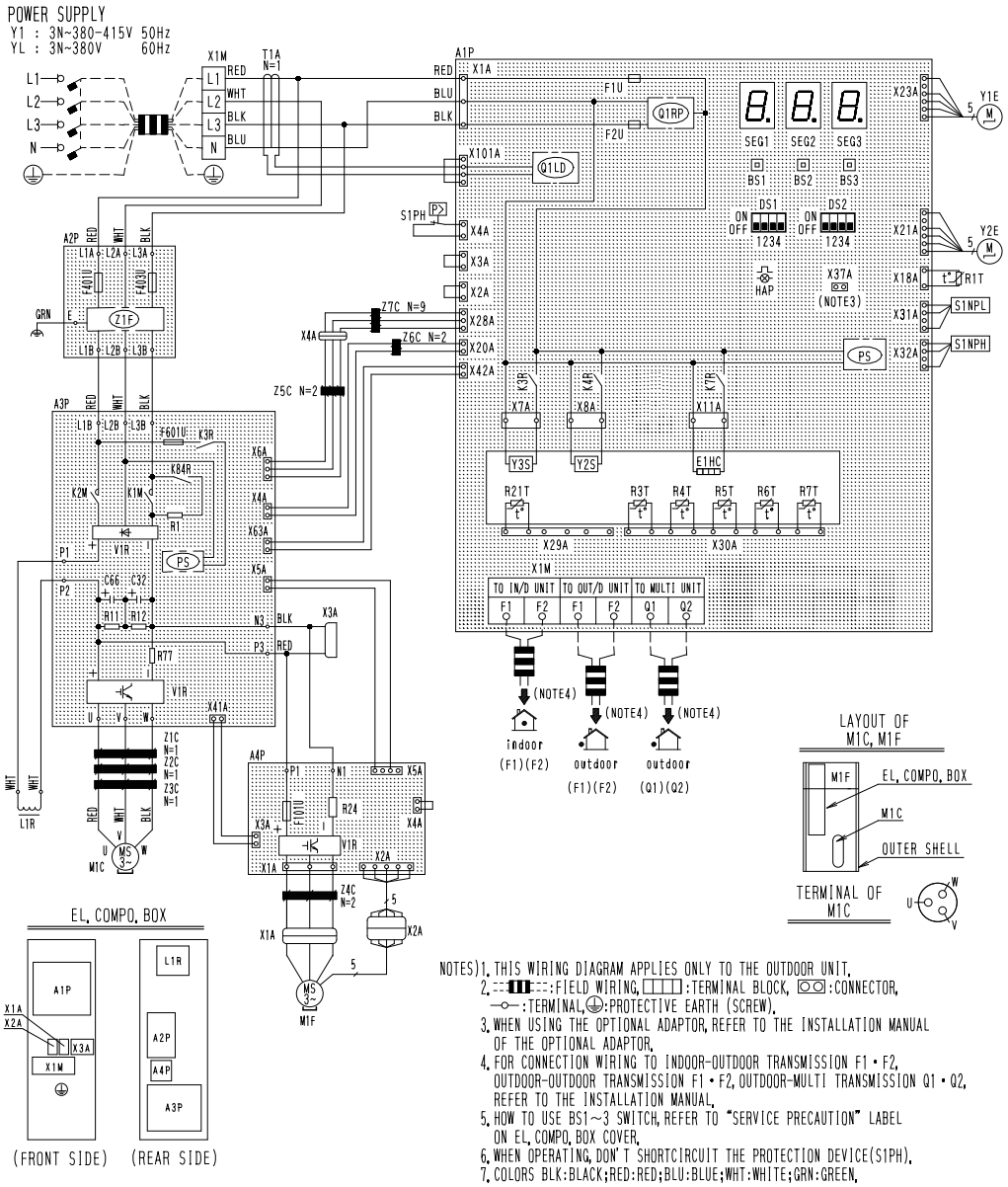
5. Wiring Diagrams

RXQ6TY1 / RXQ8TY1



NOTES)1. THIS WIRING DIAGRAM APPLIES ONLY TO THE OUTDOOR UNIT.
2. : FIELD WIRING, : TERMINAL BLOCK, : CONNECTOR,
: TERMINAL, : PROTECTIVE EARTH (SCREW).
3. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
4. FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION F1・F2, OUTDOOR-OUTDOOR TRANSMISSION F1・F2, OUTDOOR-MULTI TRANSMISSION Q1・Q2, REFER TO THE INSTALLATION MANUAL.
5. HOW TO USE BS1~3 SWITCH, REFER TO "SERVICE PRECAUTION" LABEL ON EL. COMPO. BOX COVER.
6. WHEN OPERATING, DON'T SHORTCIRCUIT THE PROTECTION DEVICE(S1PH).
7. COLORS BLK:BLACK;RED:RED;BLU:BLUE;WHT:WHITE;GRN:GREEN.

A1P	PRINTED CIRCUIT BOARD (MAIN)	PS	SWITCHING POWER SUPPLY(A1P, A3P)	X1M	TERMINAL BLOCK (CONTROL)(A1P)
A2P	PRINTED CIRCUIT BOARD (NOISE FILTER)	Q1LD	LEAKAGE DETECTION CIRCUIT(A1P)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
A3P	PRINTED CIRCUIT BOARD (INV)	Q1RP	PHASE REVERSAL DETECT CIRCUIT(A1P)	Y2E	ELECTRONIC EXPANSION VALVE (INJECTION)
A4P	PRINTED CIRCUIT BOARD (FAN)	R1T	THERMISTOR (AIR)(A1P)		
BS1~3	PUSH BUTTON SWITCH(A1P) (MODE, SET, RETURN)	R21T	THERMISTOR(M1C DISCHARGE)	Y2S	SOLENOID VALVE (ACCUMULATOR OIL RETURN)
		R3T	THERMISTOR (ACCUMULATOR)		
C32, C66	CAPACITOR(A3P)	R4T	THERMISTOR (HEAT EXC. LIQ. PIPE)	Y3S	SOLENOID VALVE(OIL1)
DS1, DS2	DIP SWITCH(A1P)	R5T	THERMISTOR (SUBCOOL LIQ. PIPE)	Z1C~Z7C	NOISE FILTER (FERRITE CORE)
E1HC	CRANKCASE HEATER	R6T	THERMISTOR (HEAT EXC. GAS PIPE)	Z1F	NOISE FILTER(A2P) (WITH SURGE ABSORBER)
F1U, F2U	FUSE(T, 3.15A, 250V)(A1P)	R7T	THERMISTOR (COIL)		
F101U	FUSE(A4P)	R1	RESISTOR(CURRENT LIMITING) (A3P)		
F401U, F403U	FUSE(A2P)	R11, R12	RESISTOR(A3P)		
F601U	FUSE(A3P)	R24	RESISTOR(CURRENT SENSOR)(A4P)		
HAP	PILOTLAMP(A1P) (SERVICE MONITOR-GREEN)	R77	RESISTOR(CURRENT SENSOR)(A3P)		
		S1NPH	PRESSURE SENSOR (HIGH)		
K1M, K2M	MAGNETIC RELAY(A3P)	S1NPL	PRESSURE SENSOR (LOW)		
K3R	MAGNETIC RELAY(A3P)	S1PH	PRESSURE SWITCH (HIGH)		
K84R	MAGNETIC RELAY(A3P)	SEG1~SEG3	7-SEGMENT DISPLAY(A1P)		
K3R	MAGNETIC RELAY (Y3S)(A1P)	T1A	CURRENT SENSOR		
K4R	MAGNETIC RELAY (Y2S)(A1P)	V1R	POWER MODULE(A3P)(A4P)		
K7R	MAGNETIC RELAY (E1HC)(A1P)	X1A, X2A	CONNECTOR(M1F)	CONNECTOR FOR OPTIONAL ACCESSORIES	
L1R	REACTOR	X3A	CONNECTOR(CHECK THE RESIDUAL CHARGE)	X37A	CONNECTOR (POWER ADAPTER)
M1C	MOTOR (COMPRESSOR)	X4A	CONNECTOR (X28A)(A1P), (X6A)(A3P)		
M1F	MOTOR (FAN)	X1M	TERMINAL BLOCK (POWER SUPPLY)		

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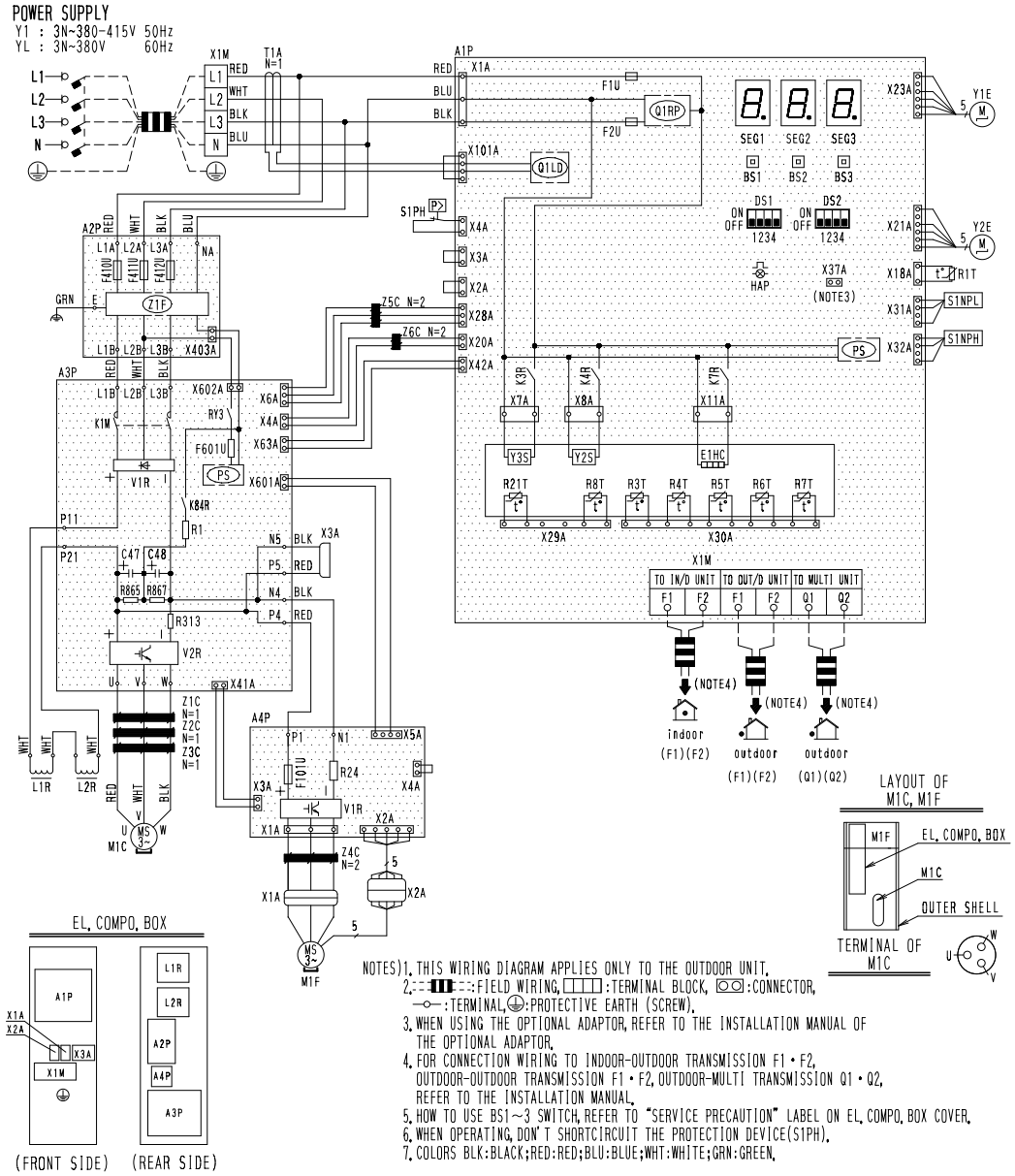
RXQ10TY1 / RXQ12TY1



NOTES)1. THIS WIRING DIAGRAM APPLIES ONLY TO THE OUTDOOR UNIT.
2. : FIELD WIRING, : TERMINAL BLOCK, : CONNECTOR,
: TERMINAL, : PROTECTIVE EARTH (SCREW).
3. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
4. FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION F1・F2, OUTDOOR-OUTDOOR TRANSMISSION F1・F2, OUTDOOR-MULTI TRANSMISSION Q1・Q2, REFER TO THE INSTALLATION MANUAL.
5. HOW TO USE BS1~3 SWITCH, REFER TO "SERVICE PRECAUTION" LABEL ON EL. COMPO. BOX COVER.
6. WHEN OPERATING, DON'T SHORTCIRCUIT THE PROTECTION DEVICE(S1PH).
7. COLORS BLK:BLACK;RED:RED;BLU:BLUE;WHT:WHITE;GRN:GREEN.

A1P	PRINTED CIRCUIT BOARD (MAIN)	PS	SWITCHING POWER SUPPLY(A1P, A3P)	X1M	TERMINAL BLOCK (POWER SUPPLY)
A2P	PRINTED CIRCUIT BOARD (NOISE FILTER)	Q1LD	LEAKAGE DETECTION CIRCUIT(A1P)	X1M	TERMINAL BLOCK (CONTROL)(A1P)
A3P	PRINTED CIRCUIT BOARD (INV)	Q1RP	PHASE REVERSAL DETECT CIRCUIT(A1P)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN)
A4P	PRINTED CIRCUIT BOARD (FAN)	R1T	THERMISTOR (A1R)(A1P)	Y2E	ELECTRONIC EXPANSION VALVE (INJECTION)
BS1~3	PUSH BUTTON SWITCH(A1P) (MODE, SET, RETURN)	R21T	THERMISTOR(M1C DISCHARGE)		
		R3T	THERMISTOR (ACCUMULATOR)	Y2S	SOLENOID VALVE (ACCUMULATOR OIL RETURN)
C47, C48	CAPACITOR(A3P)	R4T	THERMISTOR (HEAT EXC. LIQ. PIPE)		
DS1, DS2	DIP SWITCH(A1P)	R5T	THERMISTOR (SUBCOOL LIQ. PIPE)	Y3S	SOLENOID VALVE(OIL1)
E1HC	CRANKCASE HEATER	R6T	THERMISTOR (HEAT EXC. GAS PIPE)	Z1C~Z6C	NOISE FILTER (FERRITE CORE)
F1U, F2U	FUSE(T, 3.15A, 250V)(A1P)	R7T	THERMISTOR (COIL)	Z1F	NOISE FILTER(A2P) (WITH SURGE ABSORBER)
F101U	FUSE(A4P)	R8T	THERMISTOR (M1C BODY)		
F410U~F412U	FUSE(A2P)	R1	RESISTOR(CURRENT LIMTING)(A3P)		
F601U	FUSE(A3P)	R24	RESISTOR(CURRENT SENSOR)(A4P)		
HAP	PILOTLAMP(A1P) (SERVICE MONITOR-GREEN)	R313	RESISTOR(CURRENT SENSOR)(A3P)		
		R865, R867	RESISTOR(A3P)		
K1M	MAGNETIC CONTACTOR(A3P)	S1NPH	PRESSURE SENSOR (HIGH)		
RY3	MAGNETIC RELAY (A3P)	S1NPL	PRESSURE SENSOR (LOW)		
K84R	MAGNETIC RELAY (A3P)	S1PH	PRESSURE SWITCH (HIGH)		
K3R	MAGNETIC RELAY (Y3S)(A1P)	SEG1~SEG3	7-SEGMENT DISPLAY(A1P)		
K4R	MAGNETIC RELAY (Y2S)(A1P)	T1A	CURRENT SENSOR		
K7R	MAGNETIC RELAY (E1HC)(A1P)	V1R	POWER MODULE(A3P)(A4P)	CONNECTOR FOR OPTIONAL ACCESSORIES	
L1R, L2R	REACTOR	V2R	POWER MODULE(A3P)	X37A	CONNECTOR (POWER ADAPTER)
M1C	MOTOR (COMPRESSOR)	X1A, X2A	CONNECTOR(M1F)		
M1F	MOTOR (FAN)	X3A	CONNECTOR(CHECK THE RESIDUAL CHARGE)		

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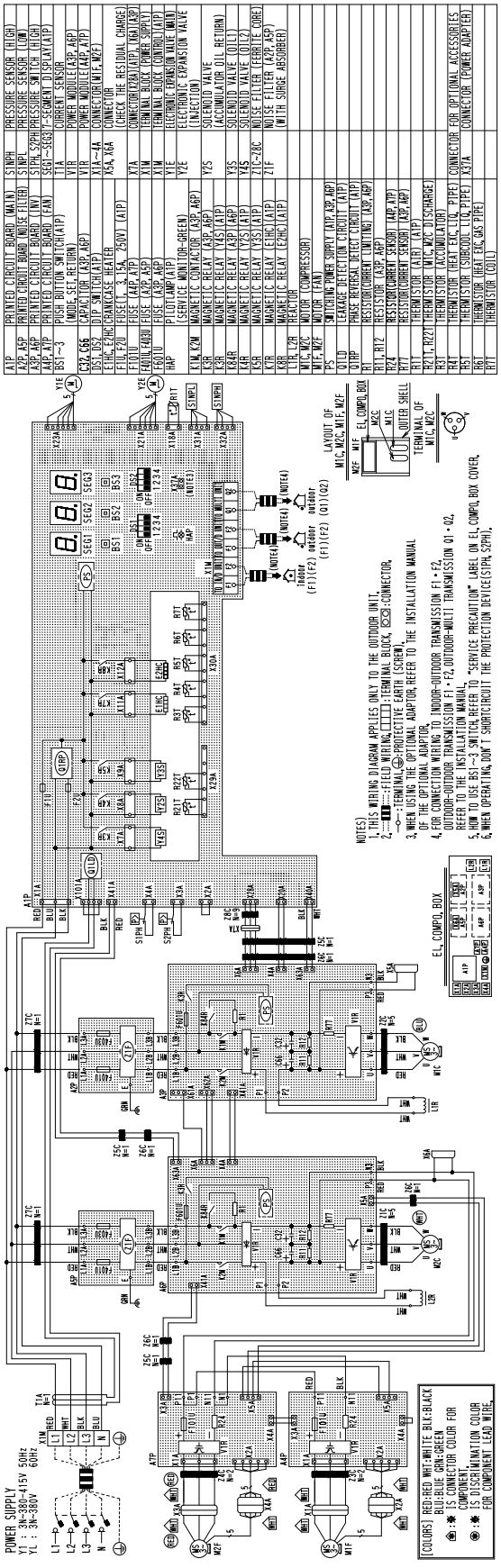
RXQ14TY1 / RXQ16TY1



6. Field Wiring

RXQ6TY1 / RXQ8TY1 / RXQ10TY1 / RXQ12TY1 / RXQ14TY1 / RXQ16TY1

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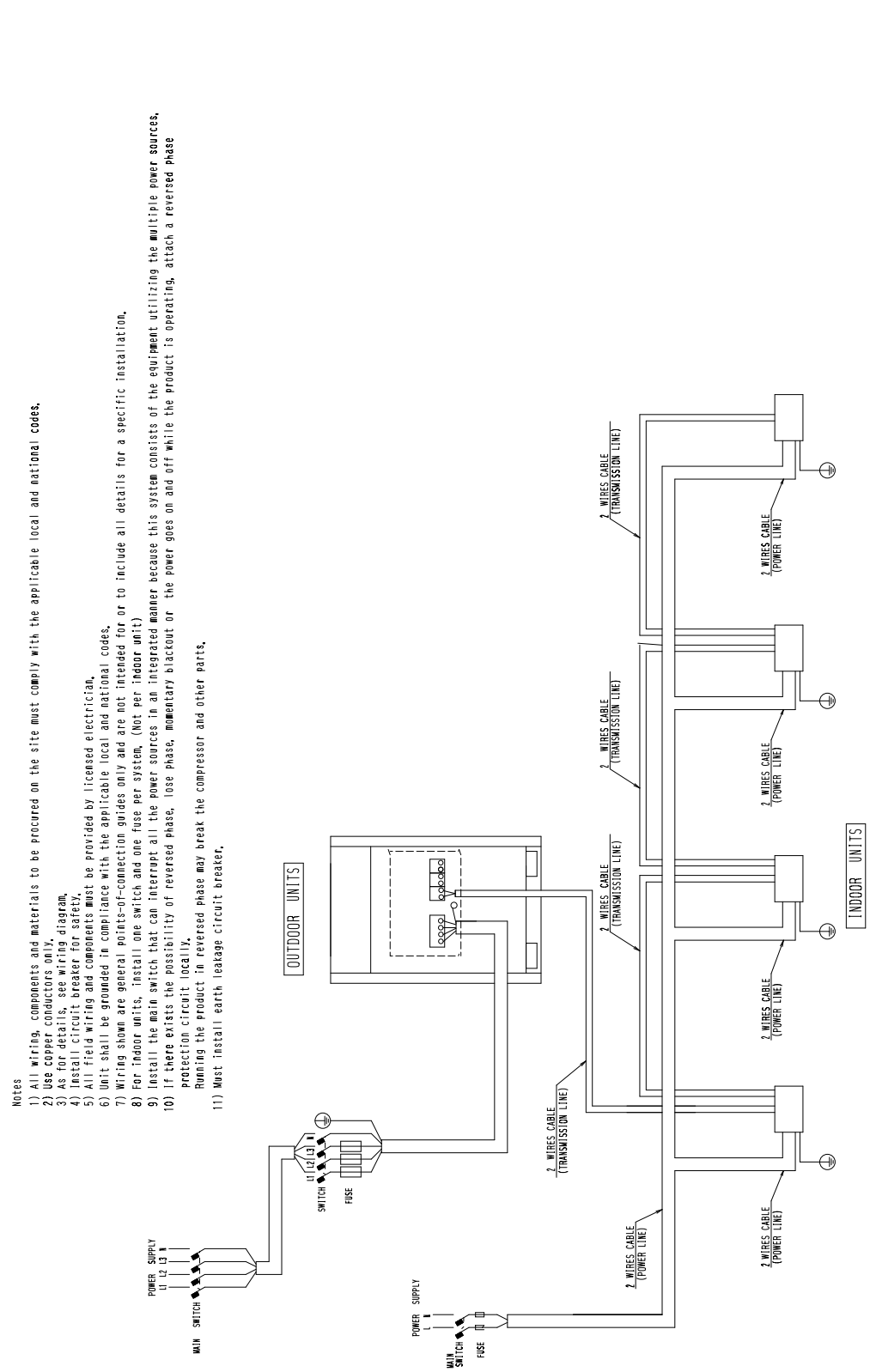

RXQ18TNY1 / RXQ20TNY1 / RXQ22TNY1 / RXQ24TNY1 / RXQ26TNY1 / RXQ28TNY1 / RXQ30TNY1 / RXQ32TNY1

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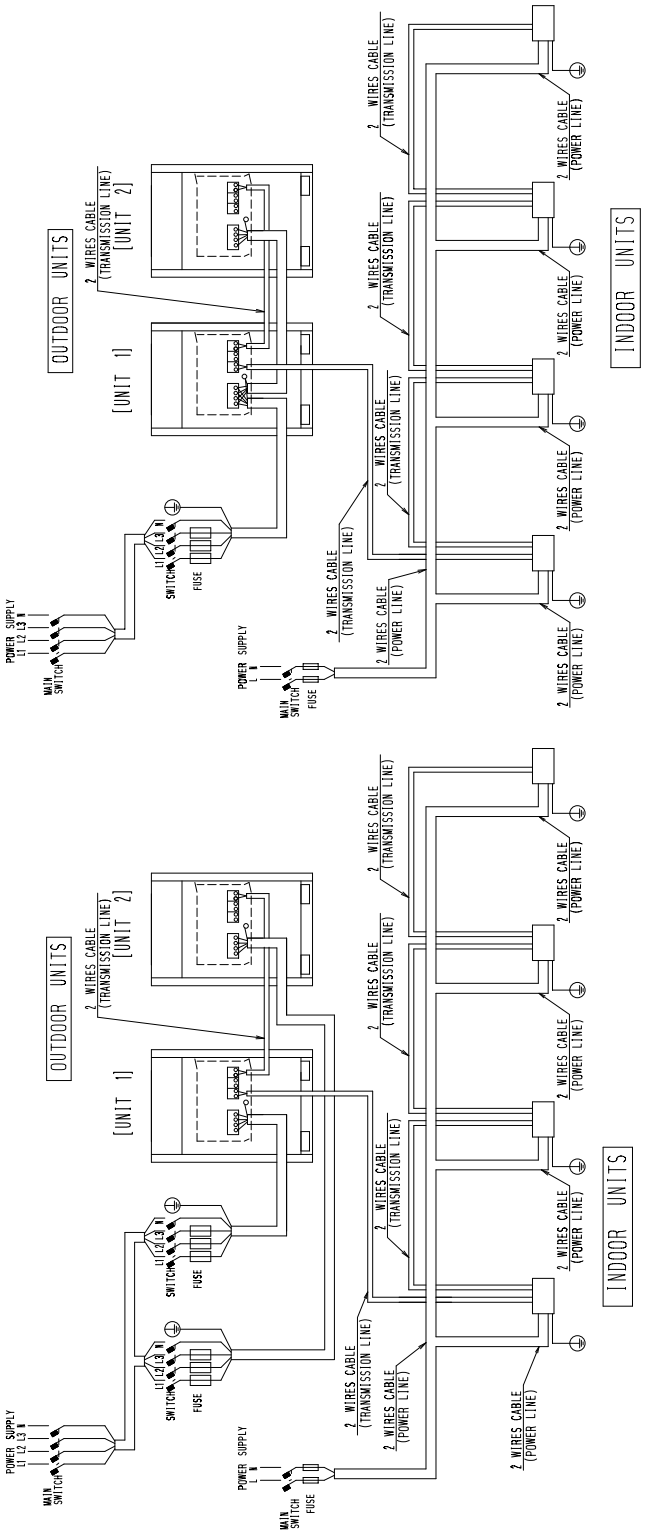
Notes
1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2) Use copper conductors only.
3) As for details, see wiring diagram.
4) Install circuit breaker for safety.
5) All field wiring and components must be provided by licensed electrician.
6) Unit shall be grounded in compliance with the applicable local and national codes.
7) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8) For indoor units, install one switch and one fuse per system. (Not per indoor unit)
9) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10) The capacity of UNIT1 must be larger than UNIT2 when the power source is connected in series between the units.
11) If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.
12) Must install earth leakage circuit breaker.

〈 When the power source is supplied to each outdoor unit individually. 〉



〈 When the power source is connected in series between the units. 〉

RXQ34TNY1 / RXQ36TNY1 / RXQ38TNY1 / RXQ40TNY1 / RXQ42TNY1 / RXQ44TNY1 / RXQ46TNY1 / RXQ48TNY1 / RXQ50TNY1 / RXQ52TNY1 / RXQ54TNY1 / RXQ56TNY1 / RXQ58TNY1 / RXQ60TNY1

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Notes
1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2) Use copper conductors only.
3) As for details, see wiring diagram.
4) Install circuit breaker for safety.
5) All field wiring and components must be provided by licensed electrician.
6) Unit shall be grounded in compliance with the applicable local and national codes.
7) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
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9) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
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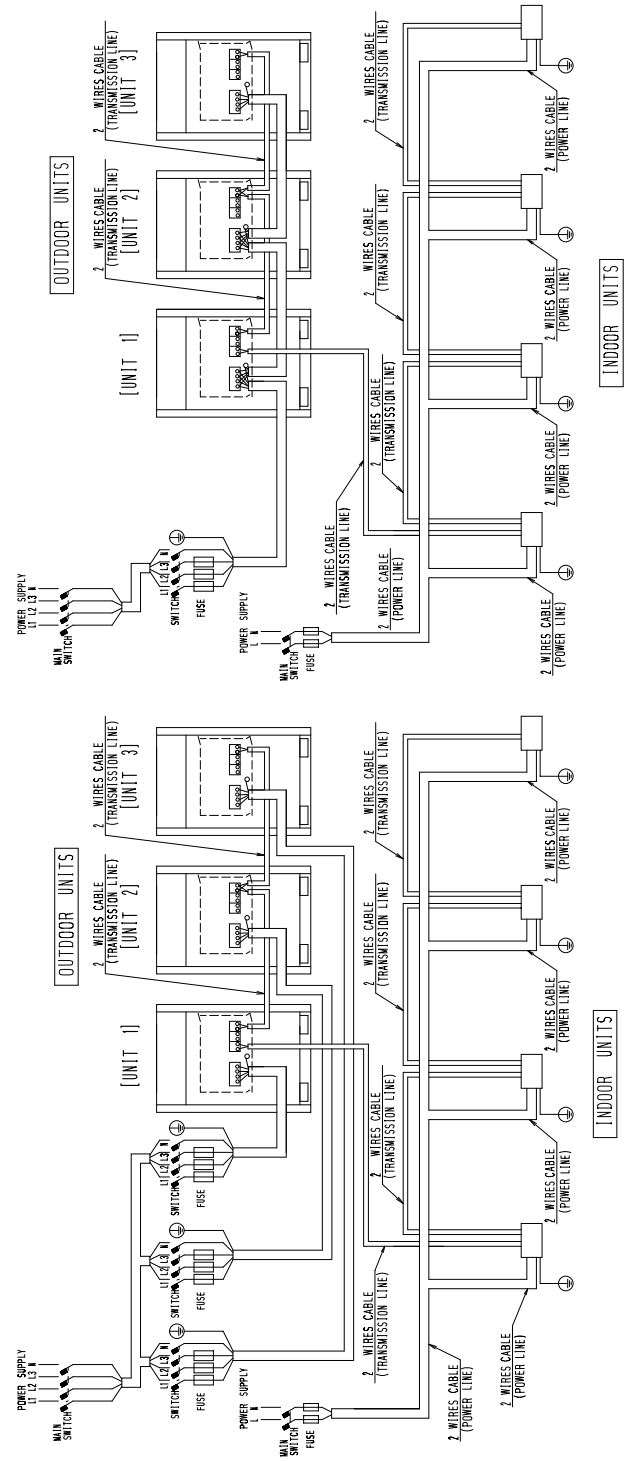
11) If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.
12) Must install earth leakage circuit breaker.

〈 When the power source is supplied to each outdoor unit individually. 〉



〈 When the power source is connected in series between the units. 〉

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7. Electric Characteristics

RXQ6TY1 / RXQ8TY1 / RXQ10TY1 / RXQ12TY1 / RXQ14TY1 / RXQ16TY1 / RXQ18TNY1 / RXQ20TNY1 / RXQ22TNY1

Model Name		Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit	Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RX(Y)Q6TY1		50	380	342	456	16.1	17.0	20	———	5.5	0.55	0.5
			400						———	5.3		
			415						———	5.1		
RX(Y)Q8TY1		50	380	342	456	16.1	17.0	20	———	7.8	0.55	0.9
			400						———	7.4		
			415						———	7.2		
RX(Y)Q10TY1		50	380	342	456	22.0	20.8	25	———	11.0	0.55	1.0
			400						———	10.4		
			415						———	10.0		
RX(Y)Q12TY1		50	380	342	456	24.0	20.8	25	———	13.7	0.55	1.2
			400						———	13.0		
			415						———	12.5		
RX(Y)Q14TY1		50	380	342	456	28.0	34.4	35	———	7.9+8.1	0.75×2	0.9×2
			400						———	7.5+7.7		
			415						———	7.3+7.4		
RX(Y)Q16TY1		50	380	342	456	31.0	34.4	35	———	9.8+9.9	0.75×2	0.9×2
			400						———	9.3+9.4		
			415						———	8.9+9.0		
RX(Y)Q18TNY1	RX(Y)Q8TY1	50	380	342	456	31.0	37.8	35	———	7.8+11.0	0.55×2	0.9+1.0
	RX(Y)Q10TY1		400						———	7.4+10.4		
			415						———	7.2+10.0		
RX(Y)Q20TNY1	RX(Y)Q8TY1	50	380	342	456	40.0	37.8	50	———	7.8+13.7	0.55×2	0.9+1.2
	RX(Y)Q12TY1		400						———	7.4+13.0		
			415						———	7.2+12.5		
RX(Y)Q22TNY1	RX(Y)Q8TY1	50	380	342	456	46.0	51.4	50	———	7.8+7.9+8.1	0.55 +0.75×2	0.9 +0.9×2
	RX(Y)Q14TY1		400						———	7.4+7.5+7.7		
			415						———	7.2+7.3+7.4		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output (kW)

Notes:
1. RLA is based on the following conditions.
   Indoor temp. 27°C DB/19.0°C WB
   Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

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RXQ24TNY1 / RXQ26TNY1 / RXQ28TNY1 / RXQ30TNY1 / RXQ32TNY1 / RXQ34TNY1 / RXQ36TNY1 / RXQ38TNY1 / RXQ40TNY1

Model Name				Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RX(Y)Q24TNY1	RX(Y)Q10TY1	RX(Y)Q14TY1		50	380	342	456	46.0	55.2	50	——	11.0+7.9+8.1	0.55 +0.75×2	1.0 +0.9 x 2
					400						——	10.4+7.5+7.7		
					415						——	10.0+7.3+7.4		
RX(Y)Q26TNY1	RX(Y)Q12TY1	RX(Y)Q14TY1		50	380	342	456	52.0	55.2	60	——	13.7+7.9+8.1	0.55 +0.75×2	1.2 +0.9 x 2
					400						——	13.0+7.5+7.7		
					415						——	12.5+7.3+7.4		
RX(Y)Q28TNY1	RX(Y)Q14TY1	RX(Y)Q14TY1		50	380	342	456	55.0	68.8	60	——	(7.9+8.1) x 2	(0.75 x 2) x 2	(0.9 x 2) x 2
					400						——	(7.5+7.7) x 2		
					415						——	(7.3+7.4) x 2		
RX(Y)Q30TNY1	RX(Y)Q14TY1	RX(Y)Q16TY1		50	380	342	456	55.0	68.8	60	——	7.9+8.1+9.8+9.9	(0.75 x 2) x 2	(0.9 x 2) x 2
					400						——	7.5+7.7+9.3+9.4		
					415						——	7.3+7.4+8.9+9.0		
RX(Y)Q32TNY1	RX(Y)Q14TY1	RX(Y)Q18TY1		50	380	342	456	62.0	68.8	70	——	7.9+8.1+11.0+12.7	(0.75 x 2) x 2	(0.9 x 2) x 2
					400						——	7.5+7.7+10.4+12.1		
					415						——	7.3+7.4+10.1+11.7		
RX(Y)Q34TNY1	RX(Y)Q10TY1	RX(Y)Q12TY1	RX(Y)Q12TY1	50	380	342	456	62.0	62.4	70	——	11.0+13.7 x 2	0.55 x 3	1.0 +1.2 x 2
					400						——	10.4+13.0 x 2		
					415						——	10.0+12.5 x 2		
RX(Y)Q36TNY1	RX(Y)Q12TY1	RX(Y)Q12TY1	RX(Y)Q12TY1	50	380	342	456	71.0	62.4	80	——	13.7 x 3	0.55 x 3	1.2 x 3
					400						——	13.0 x 3		
					415						——	12.5 x 3		
RX(Y)Q38TNY1	RX(Y)Q8TY1	RX(Y)Q12TY1	RX(Y)Q18TY1	50	380	342	456	77.0	72.2	90	——	7.8+13.7+11.0+12.7	0.55 x 2+ 0.75 x 2	0.9 +1.2 +0.9 x 2
					400						——	7.4+13.0+10.4+12.1		
					415						——	7.2+12.5+10.1+11.7		
RX(Y)Q40TNY1	RX(Y)Q12TY1	RX(Y)Q12TY1	RX(Y)Q16TY1	50	380	342	456	77.0	76.0	90	——	13.7 x 2+9.8+9.9	0.55 x 2+ 0.75 x 2	1.2 x 2 +0.9 x 2
					400						——	13.0 x 2+9.3+9.4		
					415						——	12.5 x 2+8.9+9.0		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)

Notes:
1. RLA is based on the following conditions.
   Indoor temp. 27℃ DB/19.0℃ WB
   Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

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RXQ42TNY1 / RXQ44TNY1 / RXQ46TNY1 / RXQ48TNY1 / RXQ50TNY1 / RXQ52TNY1 / RXQ54TNY1 / RXQ56TNY1 / RXQ58TNY1 / RXQ60TNY1

Model Name				Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RX(Y)Q42TNY1	RX(Y)Q12TY1	RX(Y)Q14TY1	RX(Y)Q16TY1	50	380	342	456	84.0	89.6	100	——	13.7+7.9+8.1+9.8+9.9	0.55 +(0.75×2)×2	1.2 +(0.9×2)×2
					400						——	13.0+7.5+7.7+9.3+9.4		
					415						——	12.5+7.3+7.4+8.9+9.0		
RX(Y)Q44TNY1	RX(Y)Q12TY1	RX(Y)Q16TY1	RX(Y)Q16TY1	50	380	342	456	86.0	89.6	100	——	13.7+(9.8+9.9)×2	0.55 +(0.75×2)×2	1.2 +(0.9×2)×2
					400						——	13.0+(9.3+9.4)×2		
					415						——	12.5+(8.9+9.0)×2		
RX(Y)Q46TNY1	RX(Y)Q14TY1	RX(Y)Q14TY1	RX(Y)Q18TY1	50	380	342	456	90.0	103.2	100	——	(7.9+8.1)×2+11.0+12.7	(0.75×2) ×3	(0.9×2) ×3
					400						——	(7.5+7.7)×2+10.4+12.1		
					415						——	(7.3+7.4)×2+10.1+11.7		
RX(Y)Q48TNY1	RX(Y)Q14TY1	RX(Y)Q16TY1	RX(Y)Q18TY1	50	380	342	456	93.0	103.2	110	——	7.9+8.1+9.8+9.9+11.0+12.7	(0.75×2) ×3	(0.9×2) ×3
					400						——	7.5+7.7+9.3+9.4+10.4+12.1		
					415						——	7.3+7.4+8.9+9.0+10.1+11.7		
RX(Y)Q50TNY1	RX(Y)Q14TY1	RX(Y)Q18TY1	RX(Y)Q18TY1	50	380	342	456	93.0	103.2	110	——	7.9+8.1+(11.0+12.7)×2	(0.75×2) ×3	(0.9×2) ×3
					400						——	7.5+7.7+(10.4+12.1)×2		
					415						——	7.3+7.4+(10.1+11.7)×2		
RX(Y)Q52TNY1	RX(Y)Q16TY1	RX(Y)Q18TY1	RX(Y)Q18TY1	50	380	342	456	93.0	103.2	110	——	9.8+9.9+(11.0+12.7)×2	(0.75×2) ×3	(0.9×2) ×3
					400						——	9.3+9.4+(10.4+12.1)×2		
					415						——	8.9+9.0+(10.1+11.7)×2		
RX(Y)Q54TNY1	RX(Y)Q18TY1	RX(Y)Q18TY1	RX(Y)Q18TY1	50	380	342	456	93.0	103.2	110	——	(11.0+12.7)×3	(0.75×2) ×3	(0.9×2) ×3
					400						——	(10.4+12.1)×3		
					415						——	(10.1+11.7)×3		
RX(Y)Q56TNY1	RX(Y)Q18TY1	RX(Y)Q18TY1	RX(Y)Q20TY1	50	380	342	456	102.0	110.5	125	——	(11.0+12.7)×2+11.3+16.2	(0.75×2) ×3	(0.9×2)×2 +(1.5+1.1)
					400						——	(10.4+12.1)×2+10.7+15.4		
					415						——	(10.1+11.7)×2+10.4+14.9		
RX(Y)Q58TNY1	RX(Y)Q18TY1	RX(Y)Q20TY1	RX(Y)Q20TY1	50	380	342	456	111.0	117.8	125	——	11.0+12.7+(11.3+16.2)×2	(0.75×2) ×3	(0.9×2) +(1.5+1.1)×2
					400						——	10.4+12.1+(10.7+15.4)×2		
					415						——	10.1+11.7+(10.4+14.9)×2		
RX(Y)Q60TNY1	RX(Y)Q20TY1	RX(Y)Q20TY1	RX(Y)Q20TY1	50	380	342	456	120.0	125.1	150	——	(11.3+16.2)×3	(0.75×2) ×3	(1.5+1.1) ×3
					400						——	(10.7+15.4)×3		
					415						——	(10.4+14.9)×3		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)

Notes:
1. RLA is based on the following conditions.
   Indoor temp. 27℃ DB/19.0℃ WB
   Outdoor temp. 35℃ DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

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8. Safety Devices Setting

Safety devices		RXQ6TY1	RXQ8TY1	RXQ10TY1	RXQ12TY1	RXQ14TY1	RXQ16TY1
Printed circuit board fuse	A1P	250V 3.15A					
	A2P	500V 40A		600V 63A		500V 40A	
	A3P	500V 1A		250V 3.15A		500V 1A	
	A4P	650V 5A					
	A5P	—				500V 40A	
	A6P	—				500V 1A	
	A7P	—				650V 5A	
High pressure switch	S1PH	OFF: $4.0^{+0}_{-0.12}$MPa ON: 3.0±0.15MPa					
	S2PH	OFF: $4.0^{+0}_{-0.12}$MPa ON: 3.0±0.15MPa					
Overload protector	M1C	14.7A		18.0A		14.7A	
	M2C	—				14.7A	
	M1F	2.27A				2.52A	
	M2F	—				2.52A	

9. Capacity Tables (Standard Type)

9.1 Cooling Capacity for *VRV* Indoor Units Only (Te: 6ºC)

When only *VRV* indoor units are connected

RXQ6TY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (195)	10	14.0	1.67	16.7	2.05	19.4	2.43	20.2	2.48	20.4	2.43	20.9	2.33	21.4	2.23
	12	14.0	1.70	16.7	2.08	19.4	2.48	19.9	2.47	20.1	2.42	20.7	2.32	21.2	2.28
	14	14.0	1.73	16.7	2.12	19.4	2.51	19.6	2.46	19.9	2.41	20.4	2.39	20.9	2.41
	16	14.0	1.77	16.7	2.17	19.1	2.50	19.4	2.48	19.6	2.49	20.1	2.52	20.6	2.54
	18	14.0	1.80	16.7	2.21	18.9	2.59	19.1	2.61	19.4	2.62	19.9	2.65	20.4	2.67
	20	14.0	1.84	16.7	2.35	18.6	2.72	18.8	2.73	19.1	2.75	19.6	2.77	20.1	2.80
	21	14.0	1.89	16.7	2.44	18.5	2.78	18.7	2.80	19.0	2.81	19.5	2.84	20.0	2.87
	23	14.0	2.02	16.7	2.61	18.2	2.91	18.5	2.93	18.7	2.94	19.2	2.97	19.7	3.00
	25	14.0	2.16	16.7	2.80	17.9	3.04	18.2	3.05	18.5	3.07	19.0	3.10	19.5	3.13
	27	14.0	2.31	16.7	2.99	17.7	3.17	17.9	3.18	18.2	3.20	18.7	3.23	19.2	3.27
	29	14.0	2.47	16.7	3.20	17.4	3.29	17.7	3.31	17.9	3.33	18.4	3.37	18.9	3.40
	31	14.0	2.63	16.7	3.39	17.2	3.42	17.4	3.44	17.7	3.46	18.2	3.50	18.7	3.54
	33	14.0	2.80	16.4	3.51	16.9	3.55	17.2	3.57	17.4	3.59	17.9	3.63	18.4	3.67
	35	14.0	2.99	16.1	3.64	16.6	3.68	16.9	3.70	17.2	3.72	17.7	3.77	18.2	3.81
	37	14.0	3.18	15.9	3.77	16.4	3.81	16.6	3.84	16.9	3.86	17.4	3.90	17.9	3.95
	39	14.0	3.39	15.6	3.90	16.1	3.95	16.4	3.97	16.6	3.99	17.1	4.04	17.6	4.08
120% (180)	10	13.0	1.53	15.5	1.87	17.9	2.22	19.2	2.40	20.1	2.50	20.6	2.40	21.0	2.31
	12	13.0	1.55	15.5	1.90	17.9	2.26	19.2	2.44	19.8	2.49	20.3	2.39	20.8	2.29
	14	13.0	1.58	15.5	1.94	17.9	2.30	19.2	2.49	19.6	2.47	20.0	2.38	20.5	2.39
	16	13.0	1.61	15.5	1.97	17.9	2.35	19.1	2.51	19.3	2.48	19.8	2.50	20.2	2.52
	18	13.0	1.65	15.5	2.01	17.9	2.43	18.8	2.59	19.0	2.60	19.5	2.63	20.0	2.65
	20	13.0	1.68	15.5	2.09	17.9	2.61	18.6	2.72	18.8	2.73	19.3	2.76	19.7	2.78
	21	13.0	1.69	15.5	2.17	17.9	2.70	18.4	2.78	18.7	2.79	19.1	2.82	19.6	2.85
	23	13.0	1.81	15.5	2.32	17.9	2.89	18.2	2.91	18.4	2.92	18.9	2.95	19.3	2.98
	25	13.0	1.93	15.5	2.49	17.7	3.02	17.9	3.04	18.1	3.05	18.6	3.08	19.1	3.11
	27	13.0	2.06	15.5	2.66	17.4	3.15	17.6	3.16	17.9	3.18	18.3	3.21	18.8	3.24
	29	13.0	2.20	15.5	2.84	17.1	3.28	17.4	3.29	17.6	3.31	18.1	3.34	18.5	3.37
	31	13.0	2.35	15.5	3.03	16.9	3.40	17.1	3.42	17.4	3.44	17.8	3.47	18.3	3.51
	33	13.0	2.50	15.5	3.23	16.6	3.53	16.9	3.55	17.1	3.57	17.6	3.60	18.0	3.64
	35	13.0	2.66	15.5	3.44	16.4	3.66	16.6	3.68	16.8	3.70	17.3	3.74	17.8	3.78
	37	13.0	2.83	15.5	3.67	16.1	3.79	16.3	3.81	16.6	3.83	17.0	3.87	17.5	3.91
	39	13.0	3.01	15.4	3.88	15.8	3.92	16.1	3.94	16.3	3.96	16.8	4.01	17.2	4.05
110% (165)	10	11.9	1.39	14.2	1.69	16.5	2.01	17.6	2.17	18.7	2.33	20.2	2.48	20.6	2.39
	12	11.9	1.41	14.2	1.72	16.5	2.04	17.6	2.21	18.7	2.38	19.9	2.46	20.4	2.38
	14	11.9	1.44	14.2	1.75	16.5	2.08	17.6	2.25	18.7	2.42	19.7	2.45	20.1	2.38
	16	11.9	1.46	14.2	1.79	16.5	2.12	17.6	2.29	18.7	2.47	19.4	2.48	19.8	2.50
	18	11.9	1.49	14.2	1.82	16.5	2.16	17.6	2.36	18.7	2.59	19.2	2.61	19.6	2.63
	20	11.9	1.52	14.2	1.86	16.5	2.29	17.6	2.53	18.5	2.71	18.9	2.74	19.3	2.76
	21	11.9	1.54	14.2	1.91	16.5	2.38	17.6	2.63	18.3	2.78	18.8	2.80	19.2	2.82
	23	11.9	1.61	14.2	2.05	16.5	2.55	17.6	2.82	18.1	2.90	18.5	2.93	18.9	2.95
	25	11.9	1.72	14.2	2.19	16.5	2.73	17.6	3.02	17.8	3.03	18.2	3.06	18.7	3.08
	27	11.9	1.83	14.2	2.34	16.5	2.92	17.3	3.14	17.6	3.16	18.0	3.19	18.4	3.21
	29	11.9	1.95	14.2	2.50	16.5	3.12	17.1	3.27	17.3	3.29	17.7	3.32	18.2	3.35
	31	11.9	2.08	14.2	2.67	16.5	3.33	16.8	3.40	17.0	3.41	17.5	3.45	17.9	3.48
	33	11.9	2.21	14.2	2.84	16.3	3.51	16.6	3.53	16.8	3.54	17.2	3.58	17.6	3.61
	35	11.9	2.35	14.2	3.03	16.1	3.64	16.3	3.65	16.5	3.67	16.9	3.71	17.4	3.74
	37	11.9	2.50	14.2	3.22	15.8	3.77	16.0	3.78	16.3	3.80	16.7	3.84	17.1	3.88
	39	11.9	2.66	14.2	3.43	15.6	3.89	15.8	3.91	16.0	3.93	16.4	3.97	16.8	4.01
100% (150)	10	10.8	1.25	12.9	1.52	15.0	1.80	16.0	1.94	17.0	2.09	19.1	2.39	20.2	2.47
	12	10.8	1.27	12.9	1.54	15.0	1.83	16.0	1.98	17.0	2.13	19.1	2.43	20.0	2.46
	14	10.8	1.30	12.9	1.57	15.0	1.87	16.0	2.02	17.0	2.17	19.1	2.48	19.7	2.44
	16	10.8	1.32	12.9	1.60	15.0	1.90	16.0	2.05	17.0	2.21	19.1	2.51	19.4	2.48
	18	10.8	1.34	12.9	1.63	15.0	1.94	16.0	2.10	17.0	2.25	18.8	2.59	19.2	2.61
	20	10.8	1.37	12.9	1.67	15.0	2.00	16.0	2.20	17.0	2.42	18.5	2.72	18.9	2.74
	21	10.8	1.38	12.9	1.68	15.0	2.07	16.0	2.28	17.0	2.50	18.4	2.78	18.8	2.80
	23	10.8	1.42	12.9	1.79	15.0	2.22	16.0	2.44	17.0	2.68	18.1	2.91	18.5	2.93
	25	10.8	1.51	12.9	1.92	15.0	2.37	16.0	2.62	17.0	2.87	17.9	3.03	18.3	3.06
	27	10.8	1.61	12.9	2.05	15.0	2.53	16.0	2.80	17.0	3.07	17.6	3.16	18.0	3.19
	29	10.8	1.72	12.9	2.18	15.0	2.70	16.0	2.99	17.0	3.26	17.4	3.29	17.8	3.32
	31	10.8	1.83	12.9	2.33	15.0	2.89	16.0	3.19	16.7	3.39	17.1	3.42	17.5	3.45
	33	10.8	1.94	12.9	2.48	15.0	3.08	16.0	3.40	16.5	3.52	16.8	3.55	17.2	3.58
	35	10.8	2.07	12.9	2.64	15.0	3.28	16.0	3.63	16.2	3.65	16.6	3.68	17.0	3.71
	37	10.8	2.19	12.9	2.81	15.0	3.50	15.7	3.76	15.9	3.77	16.3	3.81	16.7	3.84
	39	10.8	2.33	12.9	2.99	15.0	3.72	15.5	3.89	15.7	3.90	16.1	3.94	16.5	3.98
90% (135)	10	9.72	1.12	11.6	1.35	13.5	1.59	14.4	1.72	15.3	1.85	17.2	2.11	19.1	2.38
	12	9.72	1.14	11.6	1.37	13.5	1.62	14.4	1.75	15.3	1.88	17.2	2.15	19.1	2.43
	14	9.72	1.16	11.6	1.40	13.5	1.65	14.4	1.79	15.3	1.92	17.2	2.19	19.1	2.47
	16	9.72	1.18	11.6	1.42	13.5	1.69	14.4	1.82	15.3	1.96	17.2	2.24	19.0	2.51
	18	9.72	1.20	11.6	1.45	13.5	1.72	14.4	1.86	15.3	2.00	17.2	2.28	18.8	2.59
	20	9.72	1.22	11.6	1.48	13.5	1.75	14.4	1.89	15.3	2.07	17.2	2.45	18.5	2.72
	21	9.72	1.23	11.6	1.49	13.5	1.78	14.4	1.96	15.3	2.14	17.2	2.54	18.4	2.78
	23	9.72	1.26	11.6	1.56	13.5	1.91	14.4	2.10	15.3	2.30	17.2	2.72	18.1	2.91
	25	9.72	1.32	11.6	1.66	13.5	2.04	14.4	2.24	15.3	2.46	17.2	2.92	17.9	3.03
	27	9.72	1.41	11.6	1.77	13.5	2.18	14.4	2.40	15.3	2.63	17.2	3.12	17.6	3.16
	29	9.72	1.50	11.6	1.89	13.5	2.32	14.4	2.56	15.3	2.81	17.0	3.27	17.4	3.29
	31	9.72	1.59	11.6	2.01	13.5	2.48	14.4	2.73	15.3	2.99	16.7	3.39	17.1	3.42
	33	9.72	1.69	11.6	2.14	13.5	2.64	14.4	2.91	15.3	3.19	16.5	3.52	16.8	3.55
	35	9.72	1.80	11.6	2.28	13.5	2.81	14.4	3.10	15.3	3.41	16.2	3.65	16.6	3.68
	37	9.72	1.91	11.6	2.42	13.5	2.99	14.4	3.30	15.3	3.63	16.0	3.78	16.3	3.81
	39	9.72	2.02	11.6	2.57	13.5	3.18	14.4	3.52	15.3	3.87	15.7	3.91	16.1	3.94

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (120)	10	8.64	0.99	10.3	1.19	12.0	1.40	12.8	1.51	13.6	1.62	15.3	1.84	17.0	2.08
	12	8.64	1.01	10.3	1.21	12.0	1.42	12.8	1.53	13.6	1.65	15.3	1.88	17.0	2.12
	14	8.64	1.03	10.3	1.23	12.0	1.45	12.8	1.56	13.6	1.68	15.3	1.91	17.0	2.16
	16	8.64	1.04	10.3	1.25	12.0	1.48	12.8	1.59	13.6	1.71	15.3	1.95	17.0	2.20
	18	8.64	1.06	10.3	1.28	12.0	1.50	12.8	1.62	13.6	1.74	15.3	1.99	17.0	2.24
	20	8.64	1.08	10.3	1.30	12.0	1.53	12.8	1.65	13.6	1.78	15.3	2.06	17.0	2.40
	21	8.64	1.09	10.3	1.31	12.0	1.55	12.8	1.67	13.6	1.81	15.3	2.14	17.0	2.49
	23	8.64	1.11	10.3	1.34	12.0	1.62	12.8	1.78	13.6	1.94	15.3	2.29	17.0	2.66
	25	8.64	1.15	10.3	1.42	12.0	1.73	12.8	1.90	13.6	2.08	15.3	2.45	17.0	2.85
	27	8.64	1.22	10.3	1.52	12.0	1.85	12.8	2.03	13.6	2.22	15.3	2.62	17.0	3.05
	29	8.64	1.30	10.3	1.62	12.0	1.97	12.8	2.16	13.6	2.37	15.3	2.80	17.0	3.26
	31	8.64	1.38	10.3	1.72	12.0	2.10	12.8	2.31	13.6	2.52	15.3	2.98	16.7	3.39
	33	8.64	1.46	10.3	1.83	12.0	2.24	12.8	2.46	13.6	2.69	15.3	3.18	16.4	3.52
	35	8.64	1.55	10.3	1.94	12.0	2.38	12.8	2.61	13.6	2.86	15.3	3.39	16.2	3.64
	37	8.64	1.64	10.3	2.06	12.0	2.53	12.8	2.78	13.6	3.05	15.3	3.62	15.9	3.77
	39	8.64	1.74	10.3	2.19	12.0	2.69	12.8	2.96	13.6	3.24	15.3	3.85	15.7	3.90
70% (105)	10	7.56	0.87	9.01	1.04	10.5	1.21	11.2	1.30	11.9	1.39	13.4	1.58	14.8	1.78
	12	7.56	0.89	9.01	1.05	10.5	1.23	11.2	1.32	11.9	1.42	13.4	1.61	14.8	1.81
	14	7.56	0.90	9.01	1.07	10.5	1.25	11.2	1.35	11.9	1.44	13.4	1.64	14.8	1.85
	16	7.56	0.92	9.01	1.09	10.5	1.28	11.2	1.37	11.9	1.47	13.4	1.67	14.8	1.88
	18	7.56	0.93	9.01	1.11	10.5	1.30	11.2	1.40	11.9	1.50	13.4	1.71	14.8	1.92
	20	7.56	0.95	9.01	1.13	10.5	1.32	11.2	1.42	11.9	1.53	13.4	1.74	14.8	1.98
	21	7.56	0.95	9.01	1.14	10.5	1.34	11.2	1.44	11.9	1.54	13.4	1.77	14.8	2.05
	23	7.56	0.97	9.01	1.16	10.5	1.36	11.2	1.49	11.9	1.62	13.4	1.89	14.8	2.19
	25	7.56	0.99	9.01	1.21	10.5	1.45	11.2	1.59	11.9	1.73	13.4	2.02	14.8	2.34
	27	7.56	1.04	9.01	1.28	10.5	1.55	11.2	1.69	11.9	1.84	13.4	2.16	14.8	2.50
	29	7.56	1.11	9.01	1.37	10.5	1.65	11.2	1.80	11.9	1.96	13.4	2.31	14.8	2.67
	31	7.56	1.18	9.01	1.45	10.5	1.76	11.2	1.92	11.9	2.09	13.4	2.46	14.8	2.85
	33	7.56	1.25	9.01	1.54	10.5	1.87	11.2	2.04	11.9	2.23	13.4	2.62	14.8	3.04
	35	7.56	1.32	9.01	1.63	10.5	1.98	11.2	2.17	11.9	2.37	13.4	2.79	14.8	3.24
	37	7.56	1.40	9.01	1.73	10.5	2.11	11.2	2.31	11.9	2.52	13.4	2.97	14.8	3.46
	39	7.56	1.48	9.01	1.84	10.5	2.24	11.2	2.45	11.9	2.68	13.4	3.16	14.8	3.68
60% (90)	10	6.48	0.76	7.73	0.89	8.97	1.03	9.60	1.11	10.2	1.18	11.5	1.34	12.7	1.50
	12	6.48	0.77	7.73	0.91	8.97	1.05	9.60	1.12	10.2	1.20	11.5	1.36	12.7	1.52
	14	6.48	0.78	7.73	0.92	8.97	1.07	9.60	1.14	10.2	1.22	11.5	1.38	12.7	1.55
	16	6.48	0.79	7.73	0.94	8.97	1.09	9.60	1.16	10.2	1.24	11.5	1.41	12.7	1.58
	18	6.48	0.81	7.73	0.95	8.97	1.10	9.60	1.18	10.2	1.27	11.5	1.44	12.7	1.61
	20	6.48	0.82	7.73	0.97	8.97	1.12	9.60	1.21	10.2	1.29	11.5	1.46	12.7	1.64
	21	6.48	0.83	7.73	0.98	8.97	1.13	9.60	1.22	10.2	1.30	11.5	1.48	12.7	1.66
	23	6.48	0.84	7.73	0.99	8.97	1.16	9.60	1.24	10.2	1.33	11.5	1.54	12.7	1.76
	25	6.48	0.85	7.73	1.01	8.97	1.20	9.60	1.30	10.2	1.41	11.5	1.64	12.7	1.89
	27	6.48	0.88	7.73	1.07	8.97	1.28	9.60	1.39	10.2	1.50	11.5	1.75	12.7	2.01
	29	6.48	0.94	7.73	1.14	8.97	1.36	9.60	1.48	10.2	1.60	11.5	1.86	12.7	2.15
	31	6.48	0.99	7.73	1.21	8.97	1.44	9.60	1.57	10.2	1.70	11.5	1.98	12.7	2.29
	33	6.48	1.05	7.73	1.28	8.97	1.53	9.60	1.67	10.2	1.81	11.5	2.11	12.7	2.44
	35	6.48	1.11	7.73	1.35	8.97	1.62	9.60	1.77	10.2	1.92	11.5	2.24	12.7	2.59
	37	6.48	1.17	7.73	1.43	8.97	1.72	9.60	1.88	10.2	2.04	11.5	2.39	12.7	2.76
	39	6.48	1.24	7.73	1.52	8.97	1.83	9.60	1.99	10.2	2.17	11.5	2.53	12.7	2.93
50% (75)	10	5.40	0.65	6.44	0.76	7.48	0.87	8.00	0.92	8.52	0.98	9.56	1.10	10.6	1.23
	12	5.40	0.66	6.44	0.77	7.48	0.88	8.00	0.94	8.52	1.00	9.56	1.12	10.6	1.25
	14	5.40	0.67	6.44	0.78	7.48	0.89	8.00	0.95	8.52	1.01	9.56	1.14	10.6	1.27
	16	5.40	0.68	6.44	0.79	7.48	0.91	8.00	0.97	8.52	1.03	9.56	1.16	10.6	1.29
	18	5.40	0.69	6.44	0.80	7.48	0.92	8.00	0.98	8.52	1.05	9.56	1.18	10.6	1.32
	20	5.40	0.70	6.44	0.81	7.48	0.94	8.00	1.00	8.52	1.07	9.56	1.20	10.6	1.34
	21	5.40	0.70	6.44	0.82	7.48	0.94	8.00	1.01	8.52	1.08	9.56	1.21	10.6	1.35
	23	5.40	0.71	6.44	0.83	7.48	0.96	8.00	1.03	8.52	1.09	9.56	1.24	10.6	1.39
	25	5.40	0.73	6.44	0.85	7.48	0.98	8.00	1.05	8.52	1.13	9.56	1.30	10.6	1.48
	27	5.40	0.74	6.44	0.88	7.48	1.03	8.00	1.11	8.52	1.20	9.56	1.38	10.6	1.58
	29	5.40	0.78	6.44	0.93	7.48	1.10	8.00	1.18	8.52	1.28	9.56	1.47	10.6	1.68
	31	5.40	0.82	6.44	0.98	7.48	1.16	8.00	1.26	8.52	1.35	9.56	1.56	10.6	1.78
	33	5.40	0.87	6.44	1.04	7.48	1.23	8.00	1.33	8.52	1.44	9.56	1.66	10.6	1.90
	35	5.40	0.92	6.44	1.10	7.48	1.30	8.00	1.41	8.52	1.52	9.56	1.76	10.6	2.02
	37	5.40	0.97	6.44	1.16	7.48	1.38	8.00	1.49	8.52	1.61	9.56	1.87	10.6	2.14
	39	5.40	1.02	6.44	1.23	7.48	1.46	8.00	1.58	8.52	1.71	9.56	1.98	10.6	2.27

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ8TY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (260)	10	19.6	2.40	23.4	2.94	27.2	3.49	28.2	3.57	28.6	3.49	29.3	3.35	30.0	3.20
	12	19.6	2.44	23.4	2.99	27.2	3.56	27.8	3.55	28.2	3.47	28.9	3.32	29.6	3.27
	14	19.6	2.49	23.4	3.05	27.1	3.60	27.5	3.53	27.8	3.45	28.5	3.43	29.3	3.46
	16	19.6	2.54	23.4	3.11	26.8	3.59	27.1	3.56	27.5	3.58	28.2	3.61	28.9	3.65
	18	19.6	2.59	23.4	3.17	26.4	3.72	26.8	3.74	27.1	3.76	27.8	3.80	28.5	3.83
	20	19.6	2.64	23.4	3.38	26.0	3.91	26.4	3.92	26.7	3.94	27.5	3.98	28.2	4.02
	21	19.6	2.71	23.4	3.50	25.9	4.00	26.2	4.02	26.6	4.04	27.3	4.08	28.0	4.12
	23	19.6	2.90	23.4	3.75	25.5	4.18	25.8	4.20	26.2	4.22	26.9	4.26	27.6	4.31
	25	19.6	3.10	23.4	4.02	25.1	4.36	25.5	4.38	25.8	4.41	26.5	4.45	27.3	4.50
	27	19.6	3.32	23.4	4.30	24.8	4.54	25.1	4.57	25.5	4.59	26.2	4.64	26.9	4.69
	29	19.6	3.54	23.4	4.59	24.4	4.73	24.7	4.75	25.1	4.78	25.8	4.83	26.5	4.88
	31	19.6	3.78	23.3	4.86	24.0	4.91	24.4	4.94	24.7	4.97	25.5	5.02	26.2	5.07
	33	19.6	4.02	23.0	5.04	23.7	5.10	24.0	5.13	24.4	5.16	25.1	5.21	25.8	5.27
	35	19.6	4.29	22.6	5.23	23.3	5.29	23.7	5.32	24.0	5.35	24.7	5.41	25.4	5.47
	37	19.6	4.56	22.2	5.41	22.9	5.47	23.3	5.51	23.6	5.54	24.4	5.60	25.1	5.66
	39	19.6	4.86	21.9	5.60	22.6	5.66	22.9	5.70	23.3	5.73	24.0	5.80	24.7	5.86
120% (240)	10	18.1	2.19	21.6	2.68	25.1	3.18	26.9	3.44	28.1	3.58	28.8	3.45	29.4	3.31
	12	18.1	2.23	21.6	2.73	25.1	3.24	26.9	3.51	27.8	3.57	28.4	3.43	29.1	3.29
	14	18.1	2.27	21.6	2.78	25.1	3.31	26.9	3.57	27.4	3.55	28.0	3.41	28.7	3.43
	16	18.1	2.32	21.6	2.83	25.1	3.37	26.7	3.60	27.0	3.56	27.7	3.59	28.3	3.62
	18	18.1	2.36	21.6	2.89	25.1	3.49	26.3	3.72	26.7	3.74	27.3	3.77	28.0	3.80
	20	18.1	2.41	21.6	3.00	25.1	3.75	26.0	3.90	26.3	3.92	27.0	3.96	27.6	3.99
	21	18.1	2.43	21.6	3.11	25.1	3.88	25.8	3.99	26.1	4.01	26.8	4.05	27.4	4.08
	23	18.1	2.60	21.6	3.33	25.1	4.15	25.4	4.17	25.8	4.19	26.4	4.23	27.1	4.27
	25	18.1	2.77	21.6	3.57	24.7	4.34	25.1	4.36	25.4	4.38	26.0	4.42	26.7	4.46
	27	18.1	2.96	21.6	3.81	24.4	4.52	24.7	4.54	25.0	4.56	25.7	4.61	26.3	4.65
	29	18.1	3.16	21.6	4.07	24.0	4.70	24.3	4.72	24.7	4.75	25.3	4.79	26.0	4.84
	31	18.1	3.37	21.6	4.35	23.6	4.88	24.0	4.91	24.3	4.93	24.9	4.98	25.6	5.03
	33	18.1	3.59	21.6	4.64	23.3	5.07	23.6	5.09	23.9	5.12	24.6	5.17	25.2	5.23
	35	18.1	3.82	21.6	4.94	22.9	5.25	23.2	5.28	23.6	5.31	24.2	5.36	24.9	5.42
	37	18.1	4.06	21.6	5.27	22.5	5.44	22.9	5.47	23.2	5.50	23.9	5.56	24.5	5.61
	39	18.1	4.32	21.5	5.56	22.2	5.63	22.5	5.66	22.8	5.69	23.5	5.75	24.1	5.81
110% (220)	10	16.6	1.99	19.8	2.42	23.0	2.88	24.6	3.11	26.2	3.35	28.3	3.55	28.9	3.43
	12	16.6	2.03	19.8	2.47	23.0	2.93	24.6	3.17	26.2	3.41	27.9	3.54	28.5	3.41
	14	16.6	2.06	19.8	2.52	23.0	2.99	24.6	3.23	26.2	3.48	27.5	3.52	28.1	3.41
	16	16.6	2.10	19.8	2.56	23.0	3.05	24.6	3.29	26.2	3.54	27.2	3.56	27.8	3.59
	18	16.6	2.14	19.8	2.61	23.0	3.11	24.6	3.38	26.2	3.71	26.8	3.75	27.4	3.78
	20	16.6	2.18	19.8	2.67	23.0	3.29	24.6	3.64	25.9	3.89	26.5	3.93	27.1	3.96
	21	16.6	2.20	19.8	2.75	23.0	3.41	24.6	3.77	25.7	3.99	26.3	4.02	26.9	4.05
	23	16.6	2.31	19.8	2.94	23.0	3.65	24.6	4.04	25.3	4.17	25.9	4.20	26.5	4.24
	25	16.6	2.46	19.8	3.15	23.0	3.91	24.6	4.33	24.9	4.35	25.5	4.39	26.1	4.43
	27	16.6	2.63	19.8	3.36	23.0	4.19	24.3	4.51	24.6	4.53	25.2	4.57	25.8	4.61
	29	16.6	2.80	19.8	3.59	23.0	4.47	23.9	4.69	24.2	4.72	24.8	4.76	25.4	4.80
	31	16.6	2.98	19.8	3.83	23.0	4.78	23.5	4.88	23.8	4.90	24.4	4.95	25.0	4.99
	33	16.6	3.18	19.8	4.08	22.9	5.04	23.2	5.06	23.5	5.08	24.1	5.13	24.7	5.18
	35	16.6	3.38	19.8	4.34	22.5	5.22	22.8	5.25	23.1	5.27	23.7	5.32	24.3	5.37
	37	16.6	3.59	19.8	4.63	22.2	5.40	22.5	5.43	22.8	5.46	23.4	5.51	24.0	5.56
	39	16.6	3.82	19.8	4.93	21.8	5.59	22.1	5.62	22.4	5.65	23.0	5.70	23.6	5.76
100% (200)	10	15.1	1.80	18.0	2.18	20.9	2.58	22.4	2.79	23.9	3.00	26.8	3.43	28.3	3.54
	12	15.1	1.83	18.0	2.22	20.9	2.63	22.4	2.84	23.9	3.05	26.8	3.49	28.0	3.53
	14	15.1	1.86	18.0	2.26	20.9	2.68	22.4	2.89	23.9	3.11	26.8	3.56	27.6	3.51
	16	15.1	1.89	18.0	2.30	20.9	2.73	22.4	2.95	23.9	3.17	26.7	3.60	27.2	3.57
	18	15.1	1.93	18.0	2.34	20.9	2.78	22.4	3.01	23.9	3.24	26.3	3.72	26.9	3.75
	20	15.1	1.96	18.0	2.39	20.9	2.87	22.4	3.16	23.9	3.47	26.0	3.90	26.5	3.93
	21	15.1	1.98	18.0	2.41	20.9	2.97	22.4	3.27	23.9	3.59	25.8	3.99	26.3	4.02
	23	15.1	2.04	18.0	2.57	20.9	3.18	22.4	3.51	23.9	3.85	25.4	4.17	25.9	4.21
	25	15.1	2.17	18.0	2.75	20.9	3.40	22.4	3.75	23.9	4.12	25.0	4.36	25.6	4.39
	27	15.1	2.32	18.0	2.94	20.9	3.64	22.4	4.01	23.9	4.41	24.7	4.54	25.2	4.58
	29	15.1	2.47	18.0	3.13	20.9	3.88	22.4	4.29	23.8	4.68	24.3	4.72	24.9	4.76
	31	15.1	2.62	18.0	3.34	20.9	4.14	22.4	4.58	23.4	4.87	23.9	4.91	24.5	4.95
	33	15.1	2.79	18.0	3.56	20.9	4.42	22.4	4.88	23.0	5.05	23.6	5.09	24.1	5.14
	35	15.1	2.97	18.0	3.79	20.9	4.71	22.4	5.21	22.7	5.23	23.2	5.28	23.8	5.33
	37	15.1	3.15	18.0	4.03	20.9	5.02	22.0	5.39	22.3	5.42	22.9	5.47	23.4	5.52
	39	15.1	3.35	18.0	4.28	20.9	5.34	21.7	5.58	21.9	5.60	22.5	5.65	23.0	5.71
90% (180)	10	13.6	1.61	16.2	1.94	18.8	2.29	20.2	2.47	21.5	2.65	24.1	3.03	26.7	3.42
	12	13.6	1.63	16.2	1.97	18.8	2.33	20.2	2.51	21.5	2.70	24.1	3.09	26.7	3.48
	14	13.6	1.66	16.2	2.01	18.8	2.37	20.2	2.56	21.5	2.76	24.1	3.15	26.7	3.55
	16	13.6	1.69	16.2	2.05	18.8	2.42	20.2	2.61	21.5	2.81	24.1	3.21	26.7	3.61
	18	13.6	1.72	16.2	2.08	18.8	2.47	20.2	2.66	21.5	2.86	24.1	3.27	26.3	3.72
	20	13.6	1.75	16.2	2.12	18.8	2.52	20.2	2.72	21.5	2.97	24.1	3.52	25.9	3.90
	21	13.6	1.77	16.2	2.14	18.8	2.56	20.2	2.81	21.5	3.08	24.1	3.65	25.8	3.99
	23	13.6	1.80	16.2	2.23	18.8	2.74	20.2	3.01	21.5	3.30	24.1	3.91	25.4	4.17
	25	13.6	1.90	16.2	2.38	18.8	2.93	20.2	3.22	21.5	3.53	24.1	4.19	25.0	4.35
	27	13.6	2.02	16.2	2.54	18.8	3.13	20.2	3.44	21.5	3.77	24.1	4.48	24.7	4.54
	29	13.6	2.15	16.2	2.71	18.8	3.34	20.2	3.67	21.5	4.03	23.8	4.69	24.3	4.72
	31	13.6	2.29	16.2	2.89	18.8	3.56	20.2	3.92	21.5	4.30	23.4	4.87	23.9	4.91
	33	13.6	2.43	16.2	3.07	18.8	3.79	20.2	4.18	21.5	4.58	23.1	5.05	23.6	5.09
	35	13.6	2.58	16.2	3.27	18.8	4.03	20.2	4.45	21.5	4.89	22.7	5.24	23.2	5.28
	37	13.6	2.74	16.2	3.47	18.8	4.29	20.2	4.74	21.5	5.21	22.4	5.42	22.8	5.47
	39	13.6	2.91	16.2	3.69	18.8	4.57	20.2	5.05	21.5	5.55	22.0	5.61	22.5	5.65

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (160)	10	12.1	1.43	14.4	1.71	16.8	2.01	17.9	2.16	19.1	2.32	21.4	2.65	23.7	2.98
	12	12.1	1.45	14.4	1.74	16.8	2.04	17.9	2.20	19.1	2.36	21.4	2.70	23.7	3.04
	14	12.1	1.47	14.4	1.77	16.8	2.08	17.9	2.24	19.1	2.41	21.4	2.75	23.7	3.10
	16	12.1	1.50	14.4	1.80	16.8	2.12	17.9	2.28	19.1	2.45	21.4	2.80	23.7	3.16
	18	12.1	1.52	14.4	1.83	16.8	2.16	17.9	2.33	19.1	2.50	21.4	2.86	23.7	3.22
	20	12.1	1.55	14.4	1.87	16.8	2.20	17.9	2.37	19.1	2.55	21.4	2.96	23.7	3.44
	21	12.1	1.57	14.4	1.88	16.8	2.22	17.9	2.40	19.1	2.60	21.4	3.07	23.7	3.57
	23	12.1	1.59	14.4	1.92	16.8	2.33	17.9	2.55	19.1	2.79	21.4	3.29	23.7	3.82
	25	12.1	1.65	14.4	2.04	16.8	2.49	17.9	2.73	19.1	2.98	21.4	3.52	23.7	4.10
	27	12.1	1.75	14.4	2.18	16.8	2.66	17.9	2.91	19.1	3.18	21.4	3.76	23.7	4.38
	29	12.1	1.86	14.4	2.32	16.8	2.83	17.9	3.11	19.1	3.40	21.4	4.01	23.7	4.68
	31	12.1	1.98	14.4	2.47	16.8	3.01	17.9	3.31	19.1	3.62	21.4	4.28	23.4	4.86
	33	12.1	2.10	14.4	2.62	16.8	3.21	17.9	3.53	19.1	3.86	21.4	4.57	23.0	5.05
	35	12.1	2.22	14.4	2.79	16.8	3.41	17.9	3.75	19.1	4.11	21.4	4.87	22.7	5.23
	37	12.1	2.36	14.4	2.96	16.8	3.63	17.9	3.99	19.1	4.37	21.4	5.19	22.3	5.42
	39	12.1	2.50	14.4	3.14	16.8	3.86	17.9	4.25	19.1	4.66	21.4	5.53	21.9	5.60
70% (140)	10	10.6	1.25	12.6	1.49	14.7	1.74	15.7	1.87	16.7	2.00	18.7	2.27	20.8	2.56
	12	10.6	1.27	12.6	1.51	14.7	1.77	15.7	1.90	16.7	2.04	18.7	2.32	20.8	2.60
	14	10.6	1.29	12.6	1.54	14.7	1.80	15.7	1.93	16.7	2.07	18.7	2.36	20.8	2.65
	16	10.6	1.31	12.6	1.56	14.7	1.83	15.7	1.97	16.7	2.11	18.7	2.40	20.8	2.70
	18	10.6	1.34	12.6	1.59	14.7	1.86	15.7	2.01	16.7	2.15	18.7	2.45	20.8	2.76
	20	10.6	1.36	12.6	1.62	14.7	1.90	15.7	2.04	16.7	2.19	18.7	2.50	20.8	2.83
	21	10.6	1.37	12.6	1.64	14.7	1.92	15.7	2.06	16.7	2.22	18.7	2.54	20.8	2.94
	23	10.6	1.39	12.6	1.67	14.7	1.96	15.7	2.13	16.7	2.32	18.7	2.72	20.8	3.14
	25	10.6	1.42	12.6	1.73	14.7	2.09	15.7	2.28	16.7	2.48	18.7	2.90	20.8	3.36
	27	10.6	1.50	12.6	1.84	14.7	2.22	15.7	2.43	16.7	2.64	18.7	3.10	20.8	3.59
	29	10.6	1.59	12.6	1.96	14.7	2.37	15.7	2.59	16.7	2.82	18.7	3.31	20.8	3.84
	31	10.6	1.69	12.6	2.08	14.7	2.52	15.7	2.75	16.7	3.00	18.7	3.53	20.8	4.10
	33	10.6	1.79	12.6	2.21	14.7	2.68	15.7	2.93	16.7	3.19	18.7	3.76	20.8	4.37
	35	10.6	1.89	12.6	2.34	14.7	2.85	15.7	3.12	16.7	3.40	18.7	4.00	20.8	4.65
	37	10.6	2.00	12.6	2.49	14.7	3.02	15.7	3.31	16.7	3.61	18.7	4.26	20.8	4.96
	39	10.6	2.12	12.6	2.64	14.7	3.21	15.7	3.52	16.7	3.84	18.7	4.53	20.8	5.28
60% (120)	10	9.07	1.09	10.8	1.28	12.6	1.48	13.4	1.59	14.3	1.69	16.1	1.92	17.8	2.15
	12	9.07	1.11	10.8	1.30	12.6	1.51	13.4	1.61	14.3	1.72	16.1	1.95	17.8	2.19
	14	9.07	1.12	10.8	1.32	12.6	1.53	13.4	1.64	14.3	1.75	16.1	1.99	17.8	2.23
	16	9.07	1.14	10.8	1.34	12.6	1.56	13.4	1.67	14.3	1.79	16.1	2.02	17.8	2.27
	18	9.07	1.16	10.8	1.36	12.6	1.58	13.4	1.70	14.3	1.82	16.1	2.06	17.8	2.31
	20	9.07	1.17	10.8	1.39	12.6	1.61	13.4	1.73	14.3	1.85	16.1	2.10	17.8	2.36
	21	9.07	1.18	10.8	1.40	12.6	1.63	13.4	1.75	14.3	1.87	16.1	2.12	17.8	2.38
	23	9.07	1.20	10.8	1.42	12.6	1.66	13.4	1.78	14.3	1.91	16.1	2.20	17.8	2.53
	25	9.07	1.22	10.8	1.45	12.6	1.72	13.4	1.87	14.3	2.03	16.1	2.35	17.8	2.71
	27	9.07	1.27	10.8	1.54	12.6	1.83	13.4	1.99	14.3	2.16	16.1	2.51	17.8	2.89
	29	9.07	1.34	10.8	1.63	12.6	1.95	13.4	2.12	14.3	2.30	16.1	2.67	17.8	3.08
	31	9.07	1.42	10.8	1.73	12.6	2.07	13.4	2.25	14.3	2.44	16.1	2.85	17.8	3.28
	33	9.07	1.51	10.8	1.83	12.6	2.20	13.4	2.39	14.3	2.60	16.1	3.03	17.8	3.50
	35	9.07	1.59	10.8	1.94	12.6	2.33	13.4	2.54	14.3	2.76	16.1	3.22	17.8	3.72
	37	9.07	1.68	10.8	2.06	12.6	2.47	13.4	2.69	14.3	2.93	16.1	3.42	17.8	3.96
	39	9.07	1.78	10.8	2.18	12.6	2.62	13.4	2.86	14.3	3.11	16.1	3.64	17.8	4.21
50% (100)	10	7.56	0.94	9.01	1.09	10.5	1.24	11.2	1.32	11.9	1.41	13.4	1.58	14.8	1.76
	12	7.56	0.95	9.01	1.10	10.5	1.26	11.2	1.34	11.9	1.43	13.4	1.61	14.8	1.79
	14	7.56	0.96	9.01	1.12	10.5	1.28	11.2	1.37	11.9	1.45	13.4	1.63	14.8	1.82
	16	7.56	0.98	9.01	1.13	10.5	1.30	11.2	1.39	11.9	1.48	13.4	1.66	14.8	1.86
	18	7.56	0.99	9.01	1.15	10.5	1.32	11.2	1.41	11.9	1.50	13.4	1.69	14.8	1.89
	20	7.56	1.00	9.01	1.17	10.5	1.34	11.2	1.44	11.9	1.53	13.4	1.72	14.8	1.93
	21	7.56	1.01	9.01	1.18	10.5	1.36	11.2	1.45	11.9	1.54	13.4	1.74	14.8	1.94
	23	7.56	1.03	9.01	1.20	10.5	1.38	11.2	1.47	11.9	1.57	13.4	1.77	14.8	1.99
	25	7.56	1.04	9.01	1.22	10.5	1.40	11.2	1.50	11.9	1.62	13.4	1.86	14.8	2.12
	27	7.56	1.06	9.01	1.26	10.5	1.48	11.2	1.60	11.9	1.72	13.4	1.98	14.8	2.26
	29	7.56	1.12	9.01	1.34	10.5	1.57	11.2	1.70	11.9	1.83	13.4	2.11	14.8	2.41
	31	7.56	1.18	9.01	1.41	10.5	1.67	11.2	1.80	11.9	1.94	13.4	2.24	14.8	2.56
	33	7.56	1.25	9.01	1.50	10.5	1.77	11.2	1.91	11.9	2.06	13.4	2.38	14.8	2.72
	35	7.56	1.32	9.01	1.58	10.5	1.87	11.2	2.02	11.9	2.19	13.4	2.53	14.8	2.89
	37	7.56	1.39	9.01	1.67	10.5	1.98	11.2	2.14	11.9	2.32	13.4	2.68	14.8	3.07
	39	7.56	1.47	9.01	1.77	10.5	2.09	11.2	2.27	11.9	2.45	13.4	2.84	14.8	3.26

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ10TY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (325)	10	24.6	3.36	29.3	4.11	34.0	4.89	35.3	4.99	35.7	4.89	36.6	4.68	37.5	4.47
	12	24.6	3.42	29.3	4.18	34.0	4.98	34.8	4.96	35.3	4.86	36.1	4.65	37.0	4.58
	14	24.6	3.48	29.3	4.26	33.9	5.04	34.4	4.94	34.8	4.83	35.7	4.79	36.6	4.84
	16	24.6	3.55	29.3	4.35	33.5	5.02	33.9	4.98	34.3	5.00	35.2	5.05	36.1	5.10
	18	24.6	3.62	29.3	4.43	33.0	5.21	33.4	5.23	33.9	5.26	34.8	5.31	35.7	5.36
	20	24.6	3.69	29.3	4.72	32.5	5.46	33.0	5.49	33.4	5.52	34.3	5.57	35.2	5.63
	21	24.6	3.79	29.3	4.89	32.3	5.59	32.8	5.62	33.2	5.65	34.1	5.70	35.0	5.76
	23	24.6	4.06	29.3	5.25	31.9	5.84	32.3	5.87	32.7	5.90	33.6	5.96	34.5	6.02
	25	24.6	4.34	29.3	5.62	31.4	6.10	31.8	6.13	32.3	6.16	33.2	6.23	34.1	6.29
	27	24.6	4.64	29.3	6.01	30.9	6.36	31.4	6.39	31.8	6.42	32.7	6.49	33.6	6.56
	29	24.6	4.95	29.3	6.42	30.5	6.61	30.9	6.65	31.4	6.69	32.3	6.76	33.2	6.83
	31	24.6	5.28	29.2	6.80	30.0	6.87	30.5	6.91	30.9	6.95	31.8	7.02	32.7	7.10
	33	24.6	5.63	28.7	7.05	29.6	7.13	30.0	7.17	30.5	7.21	31.4	7.29	32.2	7.37
	35	24.6	6.00	28.2	7.31	29.1	7.39	29.6	7.44	30.0	7.48	30.9	7.56	31.8	7.65
	37	24.6	6.39	27.8	7.57	28.7	7.66	29.1	7.70	29.6	7.75	30.4	7.83	31.3	7.92
	39	24.6	6.80	27.3	7.83	28.2	7.92	28.7	7.97	29.1	8.01	30.0	8.11	30.9	8.20
120% (300)	10	22.7	3.07	27.0	3.74	31.4	4.45	33.6	4.81	35.1	5.01	36.0	4.83	36.8	4.64
	12	22.7	3.12	27.0	3.82	31.4	4.54	33.6	4.90	34.7	4.99	35.5	4.80	36.3	4.60
	14	22.7	3.18	27.0	3.89	31.4	4.62	33.6	5.00	34.2	4.96	35.1	4.77	35.9	4.80
	16	22.7	3.24	27.0	3.96	31.4	4.71	33.4	5.04	33.8	4.97	34.6	5.02	35.4	5.06
	18	22.7	3.30	27.0	4.04	31.4	4.88	32.9	5.20	33.3	5.23	34.1	5.28	35.0	5.32
	20	22.7	3.37	27.0	4.20	31.4	5.24	32.5	5.46	32.9	5.48	33.7	5.53	34.5	5.58
	21	22.7	3.40	27.0	4.35	31.4	5.43	32.2	5.58	32.6	5.61	33.5	5.66	34.3	5.71
	23	22.7	3.63	27.0	4.66	31.4	5.81	31.8	5.84	32.2	5.87	33.0	5.92	33.8	5.98
	25	22.7	3.88	27.0	4.99	30.9	6.07	31.3	6.09	31.7	6.12	32.6	6.18	33.4	6.24
	27	22.7	4.14	27.0	5.33	30.5	6.32	30.9	6.35	31.3	6.38	32.1	6.44	32.9	6.51
	29	22.7	4.42	27.0	5.70	30.0	6.58	30.4	6.61	30.8	6.64	31.6	6.71	32.5	6.77
	31	22.7	4.71	27.0	6.08	29.5	6.83	30.0	6.87	30.4	6.90	31.2	6.97	32.0	7.04
	33	22.7	5.02	27.0	6.49	29.1	7.09	29.5	7.13	29.9	7.16	30.7	7.24	31.5	7.31
	35	22.7	5.34	27.0	6.92	28.6	7.35	29.0	7.39	29.5	7.43	30.3	7.50	31.1	7.58
	37	22.7	5.68	27.0	7.37	28.2	7.61	28.6	7.65	29.0	7.69	29.8	7.77	30.6	7.85
	39	22.7	6.05	26.9	7.78	27.7	7.87	28.1	7.91	28.5	7.96	29.4	8.04	30.2	8.13
110% (275)	10	20.8	2.78	24.8	3.39	28.8	4.03	30.8	4.35	32.8	4.68	35.3	4.97	36.1	4.80
	12	20.8	2.83	24.8	3.45	28.8	4.10	30.8	4.43	32.8	4.77	34.9	4.95	35.6	4.77
	14	20.8	2.89	24.8	3.52	28.8	4.18	30.8	4.52	32.8	4.86	34.4	4.92	35.2	4.77
	16	20.8	2.94	24.8	3.59	28.8	4.26	30.8	4.61	32.8	4.96	34.0	4.98	34.7	5.02
	18	20.8	3.00	24.8	3.66	28.8	4.35	30.8	4.73	32.8	5.20	33.5	5.24	34.3	5.28
	20	20.8	3.05	24.8	3.73	28.8	4.60	30.8	5.09	32.3	5.45	33.1	5.49	33.8	5.54
	21	20.8	3.08	24.8	3.84	28.8	4.77	30.8	5.27	32.1	5.58	32.8	5.62	33.6	5.67
	23	20.8	3.23	24.8	4.11	28.8	5.11	30.8	5.65	31.6	5.83	32.4	5.88	33.1	5.93
	25	20.8	3.45	24.8	4.40	28.8	5.47	30.8	6.06	31.2	6.08	31.9	6.14	32.7	6.19
	27	20.8	3.68	24.8	4.70	28.8	5.85	30.3	6.31	30.7	6.34	31.5	6.40	32.2	6.45
	29	20.8	3.92	24.8	5.02	28.8	6.26	29.9	6.57	30.3	6.60	31.0	6.66	31.8	6.72
	31	20.8	4.17	24.8	5.35	28.8	6.68	29.4	6.82	29.8	6.85	30.6	6.92	31.3	6.98
	33	20.8	4.44	24.8	5.70	28.6	7.05	29.0	7.08	29.4	7.11	30.1	7.18	30.9	7.25
	35	20.8	4.73	24.8	6.08	28.1	7.30	28.5	7.34	28.9	7.37	29.6	7.44	30.4	7.51
	37	20.8	5.02	24.8	6.47	27.7	7.56	28.1	7.60	28.4	7.63	29.2	7.71	29.9	7.78
	39	20.8	5.34	24.8	6.89	27.2	7.82	27.6	7.86	28.0	7.90	28.7	7.98	29.5	8.05
100% (250)	10	18.9	2.51	22.5	3.04	26.2	3.61	28.0	3.90	29.8	4.19	33.5	4.79	35.4	4.96
	12	18.9	2.55	22.5	3.10	26.2	3.68	28.0	3.97	29.8	4.27	33.5	4.88	34.9	4.93
	14	18.9	2.60	22.5	3.16	26.2	3.74	28.0	4.05	29.8	4.35	33.5	4.98	34.5	4.91
	16	18.9	2.65	22.5	3.22	26.2	3.82	28.0	4.13	29.8	4.44	33.3	5.04	34.0	4.99
	18	18.9	2.70	22.5	3.28	26.2	3.89	28.0	4.21	29.8	4.53	32.9	5.20	33.6	5.24
	20	18.9	2.75	22.5	3.34	26.2	4.01	28.0	4.42	29.8	4.85	32.4	5.46	33.1	5.50
	21	18.9	2.77	22.5	3.38	26.2	4.15	28.0	4.58	29.8	5.02	32.2	5.58	32.9	5.63
	23	18.9	2.85	22.5	3.60	26.2	4.45	28.0	4.91	29.8	5.39	31.8	5.84	32.4	5.88
	25	18.9	3.04	22.5	3.85	26.2	4.76	28.0	5.25	29.8	5.77	31.3	6.09	32.0	6.14
	27	18.9	3.24	22.5	4.11	26.2	5.09	28.0	5.61	29.8	6.17	30.8	6.35	31.5	6.40
	29	18.9	3.45	22.5	4.38	26.2	5.43	28.0	6.00	29.7	6.55	30.4	6.61	31.1	6.66
	31	18.9	3.67	22.5	4.67	26.2	5.80	28.0	6.40	29.3	6.81	29.9	6.86	30.6	6.92
	33	18.9	3.90	22.5	4.97	26.2	6.18	28.0	6.83	28.8	7.06	29.5	7.12	30.2	7.19
	35	18.9	4.15	22.5	5.30	26.2	6.59	28.0	7.29	28.3	7.32	29.0	7.38	29.7	7.45
	37	18.9	4.41	22.5	5.63	26.2	7.02	27.5	7.54	27.9	7.58	28.6	7.65	29.2	7.71
	39	18.9	4.68	22.5	5.99	26.2	7.48	27.1	7.80	27.4	7.84	28.1	7.91	28.8	7.98
90% (225)	10	17.0	2.25	20.3	2.71	23.6	3.20	25.2	3.45	26.8	3.71	30.1	4.24	33.4	4.78
	12	17.0	2.29	20.3	2.76	23.6	3.26	25.2	3.52	26.8	3.78	30.1	4.32	33.4	4.87
	14	17.0	2.33	20.3	2.81	23.6	3.32	25.2	3.58	26.8	3.85	30.1	4.40	33.4	4.96
	16	17.0	2.37	20.3	2.86	23.6	3.38	25.2	3.65	26.8	3.93	30.1	4.49	33.3	5.04
	18	17.0	2.41	20.3	2.92	23.6	3.45	25.2	3.73	26.8	4.01	30.1	4.58	32.9	5.20
	20	17.0	2.45	20.3	2.97	23.6	3.52	25.2	3.80	26.8	4.16	30.1	4.92	32.4	5.46
	21	17.0	2.48	20.3	3.00	23.6	3.58	25.2	3.93	26.8	4.30	30.1	5.10	32.2	5.58
	23	17.0	2.52	20.3	3.12	23.6	3.83	25.2	4.21	26.8	4.61	30.1	5.47	31.7	5.84
	25	17.0	2.66	20.3	3.34	23.6	4.09	25.2	4.50	26.8	4.93	30.1	5.86	31.3	6.09
	27	17.0	2.83	20.3	3.56	23.6	4.37	25.2	4.81	26.8	5.28	30.1	6.27	30.8	6.35
	29	17.0	3.01	20.3	3.79	23.6	4.67	25.2	5.14	26.8	5.63	29.8	6.56	30.4	6.61
	31	17.0	3.20	20.3	4.04	23.6	4.97	25.2	5.48	26.8	6.01	29.3	6.81	29.9	6.86
	33	17.0	3.40	20.3	4.30	23.6	5.30	25.2	5.84	26.8	6.41	28.9	7.07	29.5	7.12
	35	17.0	3.61	20.3	4.57	23.6	5.64	25.2	6.23	26.8	6.84	28.4	7.33	29.0	7.38
	37	17.0	3.83	20.3	4.86	23.6	6.01	25.2	6.63	26.8	7.29	27.9	7.58	28.6	7.65
	39	17.0	4.06	20.3	5.16	23.6	6.39	25.2	7.06	26.8	7.76	27.5	7.84	28.1	7.91

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (200)	10	15.1	2.00	18.0	2.39	20.9	2.81	22.4	3.02	23.9	3.25	26.8	3.70	29.7	4.17
	12	15.1	2.03	18.0	2.43	20.9	2.86	22.4	3.08	23.9	3.31	26.8	3.77	29.7	4.25
	14	15.1	2.06	18.0	2.47	20.9	2.91	22.4	3.14	23.9	3.37	26.8	3.84	29.7	4.33
	16	15.1	2.10	18.0	2.52	20.9	2.96	22.4	3.20	23.9	3.43	26.8	3.92	29.7	4.42
	18	15.1	2.13	18.0	2.56	20.9	3.02	22.4	3.26	23.9	3.50	26.8	4.00	29.7	4.50
	20	15.1	2.17	18.0	2.61	20.9	3.08	22.4	3.32	23.9	3.57	26.8	4.14	29.7	4.82
	21	15.1	2.19	18.0	2.64	20.9	3.11	22.4	3.35	23.9	3.64	26.8	4.29	29.7	4.99
	23	15.1	2.23	18.0	2.69	20.9	3.26	22.4	3.57	23.9	3.90	26.8	4.60	29.7	5.35
	25	15.1	2.30	18.0	2.86	20.9	3.48	22.4	3.82	23.9	4.17	26.8	4.92	29.7	5.73
	27	15.1	2.45	18.0	3.05	20.9	3.71	22.4	4.07	23.9	4.45	26.8	5.26	29.7	6.13
	29	15.1	2.60	18.0	3.24	20.9	3.96	22.4	4.34	23.9	4.75	26.8	5.61	29.7	6.55
	31	15.1	2.76	18.0	3.45	20.9	4.22	22.4	4.63	23.9	5.06	26.8	5.99	29.2	6.80
	33	15.1	2.93	18.0	3.67	20.9	4.49	22.4	4.93	23.9	5.40	26.8	6.39	28.8	7.06
	35	15.1	3.11	18.0	3.90	20.9	4.77	22.4	5.25	23.9	5.75	26.8	6.81	28.3	7.32
	37	15.1	3.30	18.0	4.14	20.9	5.08	22.4	5.59	23.9	6.12	26.8	7.26	27.9	7.58
	39	15.1	3.49	18.0	4.39	20.9	5.40	22.4	5.94	23.9	6.51	26.8	7.73	27.4	7.84
70% (175)	10	13.2	1.75	15.8	2.08	18.3	2.43	19.6	2.61	20.9	2.80	23.4	3.18	26.0	3.58
	12	13.2	1.78	15.8	2.12	18.3	2.47	19.6	2.66	20.9	2.85	23.4	3.24	26.0	3.64
	14	13.2	1.81	15.8	2.15	18.3	2.52	19.6	2.71	20.9	2.90	23.4	3.30	26.0	3.71
	16	13.2	1.84	15.8	2.19	18.3	2.56	19.6	2.76	20.9	2.95	23.4	3.36	26.0	3.78
	18	13.2	1.87	15.8	2.23	18.3	2.61	19.6	2.81	20.9	3.01	23.4	3.43	26.0	3.86
	20	13.2	1.90	15.8	2.27	18.3	2.66	19.6	2.86	20.9	3.07	23.4	3.50	26.0	3.97
	21	13.2	1.92	15.8	2.29	18.3	2.68	19.6	2.89	20.9	3.10	23.4	3.55	26.0	4.11
	23	13.2	1.95	15.8	2.33	18.3	2.74	19.6	2.99	20.9	3.25	23.4	3.80	26.0	4.40
	25	13.2	1.98	15.8	2.42	18.3	2.92	19.6	3.19	20.9	3.47	23.4	4.06	26.0	4.71
	27	13.2	2.10	15.8	2.58	18.3	3.11	19.6	3.40	20.9	3.70	23.4	4.34	26.0	5.03
	29	13.2	2.23	15.8	2.74	18.3	3.31	19.6	3.62	20.9	3.94	23.4	4.63	26.0	5.37
	31	13.2	2.36	15.8	2.91	18.3	3.52	19.6	3.85	20.9	4.20	23.4	4.93	26.0	5.73
	33	13.2	2.50	15.8	3.09	18.3	3.75	19.6	4.10	20.9	4.47	23.4	5.26	26.0	6.11
	35	13.2	2.65	15.8	3.28	18.3	3.98	19.6	4.36	20.9	4.75	23.4	5.60	26.0	6.51
	37	13.2	2.80	15.8	3.48	18.3	4.23	19.6	4.63	20.9	5.06	23.4	5.96	26.0	6.94
	39	13.2	2.97	15.8	3.69	18.3	4.49	19.6	4.92	20.9	5.37	23.4	6.34	26.0	7.39
60% (150)	10	11.3	1.53	13.5	1.79	15.7	2.07	16.8	2.22	17.9	2.37	20.1	2.68	22.3	3.00
	12	11.3	1.55	13.5	1.82	15.7	2.11	16.8	2.26	17.9	2.41	20.1	2.73	22.3	3.06
	14	11.3	1.57	13.5	1.85	15.7	2.14	16.8	2.30	17.9	2.45	20.1	2.78	22.3	3.12
	16	11.3	1.59	13.5	1.88	15.7	2.18	16.8	2.34	17.9	2.50	20.1	2.83	22.3	3.17
	18	11.3	1.62	13.5	1.91	15.7	2.22	16.8	2.38	17.9	2.54	20.1	2.88	22.3	3.24
	20	11.3	1.64	13.5	1.94	15.7	2.26	16.8	2.42	17.9	2.59	20.1	2.94	22.3	3.30
	21	11.3	1.66	13.5	1.96	15.7	2.28	16.8	2.44	17.9	2.61	20.1	2.97	22.3	3.33
	23	11.3	1.68	13.5	1.99	15.7	2.32	16.8	2.49	17.9	2.67	20.1	3.08	22.3	3.54
	25	11.3	1.71	13.5	2.03	15.7	2.41	16.8	2.62	17.9	2.83	20.1	3.29	22.3	3.79
	27	11.3	1.77	13.5	2.15	15.7	2.56	16.8	2.79	17.9	3.02	20.1	3.51	22.3	4.04
	29	11.3	1.88	13.5	2.28	15.7	2.73	16.8	2.96	17.9	3.21	20.1	3.74	22.3	4.31
	31	11.3	1.99	13.5	2.42	15.7	2.90	16.8	3.15	17.9	3.42	20.1	3.98	22.3	4.59
	33	11.3	2.11	13.5	2.57	15.7	3.07	16.8	3.35	17.9	3.63	20.1	4.24	22.3	4.89
	35	11.3	2.23	13.5	2.72	15.7	3.26	16.8	3.55	17.9	3.86	20.1	4.51	22.3	5.20
	37	11.3	2.35	13.5	2.88	15.7	3.46	16.8	3.77	17.9	4.10	20.1	4.79	22.3	5.54
	39	11.3	2.49	13.5	3.05	15.7	3.67	16.8	4.00	17.9	4.35	20.1	5.09	22.3	5.89
50% (125)	10	9.45	1.31	11.3	1.52	13.1	1.74	14.0	1.85	14.9	1.97	16.7	2.21	18.6	2.46
	12	9.45	1.33	11.3	1.54	13.1	1.76	14.0	1.88	14.9	2.00	16.7	2.25	18.6	2.51
	14	9.45	1.35	11.3	1.56	13.1	1.79	14.0	1.91	14.9	2.03	16.7	2.29	18.6	2.55
	16	9.45	1.36	11.3	1.59	13.1	1.82	14.0	1.94	14.9	2.07	16.7	2.33	18.6	2.60
	18	9.45	1.38	11.3	1.61	13.1	1.85	14.0	1.97	14.9	2.10	16.7	2.37	18.6	2.64
	20	9.45	1.40	11.3	1.63	13.1	1.88	14.0	2.01	14.9	2.14	16.7	2.41	18.6	2.69
	21	9.45	1.41	11.3	1.65	13.1	1.90	14.0	2.03	14.9	2.16	16.7	2.43	18.6	2.72
	23	9.45	1.43	11.3	1.67	13.1	1.93	14.0	2.06	14.9	2.20	16.7	2.48	18.6	2.78
	25	9.45	1.46	11.3	1.70	13.1	1.96	14.0	2.11	14.9	2.27	16.7	2.60	18.6	2.97
	27	9.45	1.48	11.3	1.76	13.1	2.07	14.0	2.24	14.9	2.41	16.7	2.77	18.6	3.16
	29	9.45	1.57	11.3	1.87	13.1	2.20	14.0	2.38	14.9	2.56	16.7	2.95	18.6	3.37
	31	9.45	1.65	11.3	1.98	13.1	2.33	14.0	2.52	14.9	2.72	16.7	3.14	18.6	3.58
	33	9.45	1.75	11.3	2.09	13.1	2.47	14.0	2.67	14.9	2.88	16.7	3.33	18.6	3.81
	35	9.45	1.84	11.3	2.21	13.1	2.62	14.0	2.83	14.9	3.06	16.7	3.54	18.6	4.05
	37	9.45	1.94	11.3	2.34	13.1	2.77	14.0	3.00	14.9	3.24	16.7	3.75	18.6	4.30
	39	9.45	2.05	11.3	2.47	13.1	2.93	14.0	3.18	14.9	3.43	16.7	3.98	18.6	4.57

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ12TY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	10	29.4	4.15	35.0	5.08	40.7	6.04	42.2	6.17	42.7	6.04	43.8	5.79	44.8	5.53
	12	29.4	4.22	35.0	5.17	40.7	6.15	41.6	6.13	42.2	6.01	43.2	5.75	44.3	5.66
	14	29.4	4.30	35.0	5.27	40.6	6.23	41.1	6.10	41.6	5.97	42.7	5.92	43.8	5.98
	16	29.4	4.39	35.0	5.37	40.0	6.20	40.6	6.16	41.1	6.18	42.1	6.24	43.2	6.30
	18	29.4	4.47	35.0	5.48	39.5	6.44	40.0	6.47	40.5	6.50	41.6	6.56	42.7	6.63
	20	29.4	4.56	35.0	5.84	38.9	6.75	39.5	6.79	40.0	6.82	41.1	6.89	42.1	6.95
	21	29.4	4.69	35.0	6.05	38.7	6.91	39.2	6.94	39.7	6.98	40.8	7.05	41.8	7.12
	23	29.4	5.02	35.0	6.48	38.1	7.22	38.6	7.26	39.2	7.30	40.2	7.37	41.3	7.44
	25	29.4	5.37	35.0	6.94	37.6	7.54	38.1	7.58	38.6	7.62	39.7	7.70	40.8	7.77
	27	29.4	5.73	35.0	7.43	37.0	7.86	37.6	7.90	38.1	7.94	39.2	8.02	40.2	8.11
	29	29.4	6.12	35.0	7.94	36.5	8.18	37.0	8.22	37.5	8.26	38.6	8.35	39.7	8.44
	31	29.4	6.53	34.9	8.40	35.9	8.50	36.5	8.54	37.0	8.59	38.1	8.68	39.1	8.77
	33	29.4	6.96	34.3	8.72	35.4	8.82	35.9	8.87	36.5	8.91	37.5	9.01	38.6	9.11
	35	29.4	7.41	33.8	9.04	34.8	9.14	35.4	9.19	35.9	9.24	37.0	9.35	38.0	9.45
	37	29.4	7.89	33.2	9.35	34.3	9.46	34.8	9.52	35.4	9.57	36.4	9.68	37.5	9.79
	39	29.4	8.40	32.7	9.68	33.8	9.79	34.3	9.85	34.8	9.91	35.9	10.0	36.9	10.1
120% (360)	10	27.1	3.79	32.4	4.63	37.6	5.50	40.2	5.95	42.1	6.20	43.0	5.97	44.0	5.73
	12	27.1	3.86	32.4	4.72	37.6	5.61	40.2	6.06	41.5	6.17	42.5	5.93	43.5	5.69
	14	27.1	3.93	32.4	4.81	37.6	5.72	40.2	6.18	41.0	6.14	41.9	5.89	42.9	5.94
	16	27.1	4.00	32.4	4.90	37.6	5.83	39.9	6.22	40.4	6.15	41.4	6.20	42.4	6.26
	18	27.1	4.08	32.4	5.00	37.6	6.03	39.4	6.43	39.9	6.46	40.9	6.52	41.8	6.58
	20	27.1	4.16	32.4	5.19	37.6	6.48	38.8	6.75	39.3	6.78	40.3	6.84	41.3	6.90
	21	27.1	4.20	32.4	5.38	37.6	6.71	38.6	6.90	39.1	6.93	40.0	7.00	41.0	7.06
	23	27.1	4.49	32.4	5.76	37.5	7.18	38.0	7.22	38.5	7.25	39.5	7.32	40.5	7.39
	25	27.1	4.80	32.4	6.17	37.0	7.50	37.5	7.53	38.0	7.57	38.9	7.64	39.9	7.71
	27	27.1	5.12	32.4	6.59	36.4	7.81	36.9	7.85	37.4	7.89	38.4	7.96	39.4	8.04
	29	27.1	5.46	32.4	7.04	35.9	8.13	36.4	8.17	36.9	8.21	37.9	8.29	38.8	8.37
	31	27.1	5.82	32.4	7.52	35.4	8.44	35.8	8.49	36.3	8.53	37.3	8.62	38.3	8.70
	33	27.1	6.20	32.4	8.02	34.8	8.76	35.3	8.81	35.8	8.85	36.8	8.94	37.7	9.03
	35	27.1	6.60	32.4	8.55	34.3	9.08	34.8	9.13	35.2	9.18	36.2	9.27	37.2	9.37
	37	27.1	7.03	32.4	9.11	33.7	9.40	34.2	9.45	34.7	9.50	35.7	9.61	36.7	9.71
	39	27.1	7.47	32.2	9.62	33.2	9.73	33.7	9.78	34.2	9.83	35.1	9.94	36.1	10.0
110% (330)	10	24.9	3.44	29.7	4.19	34.4	4.98	36.8	5.38	39.2	5.79	42.3	6.14	43.2	5.93
	12	24.9	3.50	29.7	4.27	34.4	5.07	36.8	5.48	39.2	5.90	41.7	6.11	42.6	5.90
	14	24.9	3.57	29.7	4.35	34.4	5.17	36.8	5.59	39.2	6.01	41.2	6.08	42.1	5.89
	16	24.9	3.63	29.7	4.43	34.4	5.27	36.8	5.69	39.2	6.13	40.7	6.16	41.5	6.21
	18	24.9	3.70	29.7	4.52	34.4	5.37	36.8	5.85	39.2	6.42	40.1	6.48	41.0	6.53
	20	24.9	3.77	29.7	4.61	34.4	5.69	36.8	6.29	38.7	6.73	39.6	6.79	40.5	6.85
	21	24.9	3.81	29.7	4.75	34.4	5.89	36.8	6.51	38.4	6.89	39.3	6.95	40.2	7.01
	23	24.9	3.99	29.7	5.09	34.4	6.32	36.8	6.99	37.8	7.20	38.7	7.27	39.6	7.33
	25	24.9	4.26	29.7	5.44	34.4	6.77	36.8	7.48	37.3	7.52	38.2	7.59	39.1	7.65
	27	24.9	4.54	29.7	5.81	34.4	7.24	36.3	7.80	36.8	7.84	37.7	7.91	38.5	7.98
	29	24.9	4.84	29.7	6.20	34.4	7.73	35.8	8.12	36.2	8.15	37.1	8.23	38.0	8.30
	31	24.9	5.16	29.7	6.61	34.4	8.26	35.2	8.43	35.7	8.47	36.6	8.55	37.5	8.63
	33	24.9	5.49	29.7	7.05	34.2	8.71	34.7	8.75	35.1	8.79	36.0	8.87	36.9	8.96
	35	24.9	5.84	29.7	7.51	33.7	9.03	34.1	9.07	34.6	9.11	35.5	9.20	36.4	9.29
	37	24.9	6.21	29.7	8.00	33.1	9.34	33.6	9.39	34.0	9.44	34.9	9.53	35.8	9.62
	39	24.9	6.60	29.7	8.52	32.6	9.66	33.0	9.71	33.5	9.76	34.4	9.86	35.3	9.96
100% (300)	10	22.6	3.10	27.0	3.76	31.3	4.46	33.5	4.82	35.7	5.18	40.0	5.92	42.4	6.13
	12	22.6	3.16	27.0	3.83	31.3	4.54	33.5	4.91	35.7	5.28	40.0	6.03	41.8	6.10
	14	22.6	3.21	27.0	3.90	31.3	4.63	33.5	5.00	35.7	5.38	40.0	6.15	41.3	6.06
	16	22.6	3.27	27.0	3.98	31.3	4.72	33.5	5.10	35.7	5.49	39.9	6.23	40.7	6.16
	18	22.6	3.33	27.0	4.05	31.3	4.81	33.5	5.20	35.7	5.59	39.4	6.43	40.2	6.48
	20	22.6	3.40	27.0	4.13	31.3	4.96	33.5	5.46	35.7	5.99	38.8	6.74	39.6	6.80
	21	22.6	3.43	27.0	4.18	31.3	5.13	33.5	5.66	35.7	6.21	38.5	6.90	39.4	6.95
	23	22.6	3.52	27.0	4.45	31.3	5.50	33.5	6.06	35.7	6.66	38.0	7.21	38.8	7.27
	25	22.6	3.76	27.0	4.76	31.3	5.88	33.5	6.49	35.7	7.13	37.4	7.53	38.3	7.59
	27	22.6	4.00	27.0	5.08	31.3	6.29	33.5	6.94	35.7	7.63	36.9	7.85	37.7	7.91
	29	22.6	4.26	27.0	5.42	31.3	6.71	33.5	7.41	35.5	8.10	36.4	8.17	37.2	8.23
	31	22.6	4.54	27.0	5.77	31.3	7.16	33.5	7.92	35.0	8.41	35.8	8.48	36.6	8.56
	33	22.6	4.82	27.0	6.15	31.3	7.64	33.5	8.44	34.5	8.73	35.3	8.81	36.1	8.88
	35	22.6	5.13	27.0	6.54	31.3	8.14	33.5	9.01	33.9	9.05	34.7	9.13	35.5	9.21
	37	22.6	5.45	27.0	6.96	31.3	8.67	33.0	9.32	33.4	9.37	34.2	9.45	35.0	9.54
	39	22.6	5.78	27.0	7.41	31.3	9.24	32.4	9.64	32.8	9.69	33.6	9.78	34.4	9.87
90% (270)	10	20.3	2.78	24.3	3.35	28.2	3.96	30.1	4.27	32.1	4.59	36.0	5.24	40.0	5.91
	12	20.3	2.82	24.3	3.41	28.2	4.03	30.1	4.35	32.1	4.67	36.0	5.34	40.0	6.02
	14	20.3	2.87	24.3	3.47	28.2	4.10	30.1	4.43	32.1	4.76	36.0	5.44	40.0	6.13
	16	20.3	2.92	24.3	3.54	28.2	4.18	30.1	4.52	32.1	4.86	36.0	5.55	39.9	6.23
	18	20.3	2.98	24.3	3.60	28.2	4.26	30.1	4.60	32.1	4.95	36.0	5.66	39.3	6.43
	20	20.3	3.03	24.3	3.67	28.2	4.35	30.1	4.70	32.1	5.14	36.0	6.08	38.8	6.74
	21	20.3	3.06	24.3	3.71	28.2	4.42	30.1	4.86	32.1	5.32	36.0	6.30	38.5	6.90
	23	20.3	3.12	24.3	3.86	28.2	4.73	30.1	5.20	32.1	5.70	36.0	6.76	38.0	7.21
	25	20.3	3.28	24.3	4.12	28.2	5.06	30.1	5.57	32.1	6.10	36.0	7.24	37.4	7.53
	27	20.3	3.50	24.3	4.40	28.2	5.40	30.1	5.95	32.1	6.52	36.0	7.74	36.9	7.85
	29	20.3	3.72	24.3	4.69	28.2	5.77	30.1	6.35	32.1	6.96	35.6	8.10	36.3	8.16
	31	20.3	3.95	24.3	4.99	28.2	6.15	30.1	6.77	32.1	7.43	35.1	8.42	35.8	8.48
	33	20.3	4.20	24.3	5.31	28.2	6.55	30.1	7.22	32.1	7.93	34.5	8.74	35.3	8.80
	35	20.3	4.46	24.3	5.65	28.2	6.98	30.1	7.69	32.1	8.45	34.0	9.05	34.7	9.13
	37	20.3	4.73	24.3	6.00	28.2	7.43	30.1	8.19	32.1	9.01	33.4	9.37	34.2	9.45
	39	20.3	5.02	24.3	6.38	28.2	7.90	30.1	8.73	32.1	9.59	32.9	9.70	33.6	9.77

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (240)	10	18.1	2.47	21.6	2.95	25.1	3.47	26.8	3.74	28.5	4.01	32.0	4.58	35.5	5.15
	12	18.1	2.51	21.6	3.00	25.1	3.53	26.8	3.81	28.5	4.09	32.0	4.66	35.5	5.25
	14	18.1	2.55	21.6	3.06	25.1	3.60	26.8	3.88	28.5	4.16	32.0	4.75	35.5	5.35
	16	18.1	2.59	21.6	3.11	25.1	3.66	26.8	3.95	28.5	4.24	32.0	4.84	35.5	5.46
	18	18.1	2.64	21.6	3.17	25.1	3.73	26.8	4.03	28.5	4.33	32.0	4.94	35.5	5.57
	20	18.1	2.68	21.6	3.23	25.1	3.81	26.8	4.11	28.5	4.41	32.0	5.12	35.5	5.95
	21	18.1	2.71	21.6	3.26	25.1	3.84	26.8	4.15	28.5	4.50	32.0	5.30	35.5	6.17
	23	18.1	2.76	21.6	3.32	25.1	4.03	26.8	4.41	28.5	4.82	32.0	5.68	35.5	6.61
	25	18.1	2.85	21.6	3.54	25.1	4.30	26.8	4.72	28.5	5.15	32.0	6.08	35.5	7.08
	27	18.1	3.03	21.6	3.77	25.1	4.59	26.8	5.04	28.5	5.50	32.0	6.50	35.5	7.57
	29	18.1	3.22	21.6	4.01	25.1	4.89	26.8	5.37	28.5	5.87	32.0	6.94	35.5	8.09
	31	18.1	3.42	21.6	4.26	25.1	5.21	26.8	5.72	28.5	6.26	32.0	7.41	35.0	8.41
	33	18.1	3.62	21.6	4.53	25.1	5.55	26.8	6.09	28.5	6.67	32.0	7.90	34.4	8.73
	35	18.1	3.84	21.6	4.82	25.1	5.90	26.8	6.49	28.5	7.10	32.0	8.42	33.9	9.04
	37	18.1	4.07	21.6	5.11	25.1	6.28	26.8	6.90	28.5	7.56	32.0	8.97	33.3	9.36
	39	18.1	4.32	21.6	5.43	25.1	6.67	26.8	7.34	28.5	8.05	32.0	9.56	32.8	9.68
70% (210)	10	15.8	2.17	18.9	2.57	21.9	3.00	23.4	3.23	25.0	3.46	28.0	3.93	31.1	4.42
	12	15.8	2.20	18.9	2.62	21.9	3.06	23.4	3.28	25.0	3.52	28.0	4.00	31.1	4.50
	14	15.8	2.24	18.9	2.66	21.9	3.11	23.4	3.34	25.0	3.58	28.0	4.08	31.1	4.59
	16	15.8	2.27	18.9	2.71	21.9	3.17	23.4	3.41	25.0	3.65	28.0	4.16	31.1	4.68
	18	15.8	2.31	18.9	2.75	21.9	3.22	23.4	3.47	25.0	3.72	28.0	4.24	31.1	4.77
	20	15.8	2.35	18.9	2.80	21.9	3.28	23.4	3.54	25.0	3.79	28.0	4.32	31.1	4.90
	21	15.8	2.37	18.9	2.83	21.9	3.32	23.4	3.57	25.0	3.83	28.0	4.39	31.1	5.08
	23	15.8	2.41	18.9	2.88	21.9	3.38	23.4	3.69	25.0	4.01	28.0	4.70	31.1	5.44
	25	15.8	2.45	18.9	2.99	21.9	3.61	23.4	3.94	25.0	4.29	28.0	5.02	31.1	5.82
	27	15.8	2.59	18.9	3.19	21.9	3.85	23.4	4.20	25.0	4.57	28.0	5.36	31.1	6.22
	29	15.8	2.75	18.9	3.39	21.9	4.09	23.4	4.47	25.0	4.87	28.0	5.72	31.1	6.64
	31	15.8	2.92	18.9	3.60	21.9	4.36	23.4	4.76	25.0	5.19	28.0	6.10	31.1	7.08
	33	15.8	3.09	18.9	3.82	21.9	4.63	23.4	5.07	25.0	5.52	28.0	6.50	31.1	7.55
	35	15.8	3.27	18.9	4.05	21.9	4.92	23.4	5.39	25.0	5.88	28.0	6.92	31.1	8.05
	37	15.8	3.47	18.9	4.30	21.9	5.23	23.4	5.72	25.0	6.25	28.0	7.36	31.1	8.57
	39	15.8	3.67	18.9	4.56	21.9	5.55	23.4	6.08	25.0	6.64	28.0	7.84	31.1	9.13
60% (180)	10	13.6	1.89	16.2	2.21	18.8	2.56	20.1	2.74	21.4	2.93	24.0	3.31	26.6	3.71
	12	13.6	1.91	16.2	2.25	18.8	2.60	20.1	2.79	21.4	2.98	24.0	3.37	26.6	3.78
	14	13.6	1.94	16.2	2.28	18.8	2.65	20.1	2.84	21.4	3.03	24.0	3.43	26.6	3.85
	16	13.6	1.97	16.2	2.32	18.8	2.69	20.1	2.89	21.4	3.09	24.0	3.50	26.6	3.92
	18	13.6	2.00	16.2	2.36	18.8	2.74	20.1	2.94	21.4	3.14	24.0	3.56	26.6	4.00
	20	13.6	2.03	16.2	2.40	18.8	2.79	20.1	2.99	21.4	3.20	24.0	3.63	26.6	4.08
	21	13.6	2.05	16.2	2.42	18.8	2.81	20.1	3.02	21.4	3.23	24.0	3.67	26.6	4.12
	23	13.6	2.08	16.2	2.46	18.8	2.87	20.1	3.08	21.4	3.29	24.0	3.81	26.6	4.38
	25	13.6	2.12	16.2	2.51	18.8	2.98	20.1	3.23	21.4	3.50	24.0	4.07	26.6	4.68
	27	13.6	2.19	16.2	2.66	18.8	3.17	20.1	3.44	21.4	3.73	24.0	4.34	26.6	4.99
	29	13.6	2.32	16.2	2.82	18.8	3.37	20.1	3.66	21.4	3.97	24.0	4.62	26.6	5.33
	31	13.6	2.46	16.2	2.99	18.8	3.58	20.1	3.89	21.4	4.22	24.0	4.92	26.6	5.67
	33	13.6	2.60	16.2	3.17	18.8	3.80	20.1	4.14	21.4	4.49	24.0	5.24	26.6	6.04
	35	13.6	2.75	16.2	3.36	18.8	4.03	20.1	4.39	21.4	4.77	24.0	5.57	26.6	6.43
	37	13.6	2.91	16.2	3.56	18.8	4.27	20.1	4.66	21.4	5.06	24.0	5.92	26.6	6.84
	39	13.6	3.07	16.2	3.76	18.8	4.53	20.1	4.94	21.4	5.37	24.0	6.29	26.6	7.28
50% (150)	10	11.3	1.62	13.5	1.88	15.7	2.15	16.7	2.29	17.8	2.43	20.0	2.73	22.2	3.04
	12	11.3	1.64	13.5	1.90	15.7	2.18	16.7	2.32	17.8	2.47	20.0	2.78	22.2	3.10
	14	11.3	1.66	13.5	1.93	15.7	2.21	16.7	2.36	17.8	2.51	20.0	2.83	22.2	3.15
	16	11.3	1.69	13.5	1.96	15.7	2.25	16.7	2.40	17.8	2.55	20.0	2.88	22.2	3.21
	18	11.3	1.71	13.5	1.99	15.7	2.29	16.7	2.44	17.8	2.60	20.0	2.93	22.2	3.27
	20	11.3	1.73	13.5	2.02	15.7	2.32	16.7	2.48	17.8	2.64	20.0	2.98	22.2	3.33
	21	11.3	1.75	13.5	2.04	15.7	2.34	16.7	2.50	17.8	2.67	20.0	3.01	22.2	3.36
	23	11.3	1.77	13.5	2.07	15.7	2.38	16.7	2.55	17.8	2.72	20.0	3.07	22.2	3.44
	25	11.3	1.80	13.5	2.10	15.7	2.43	16.7	2.60	17.8	2.80	20.0	3.22	22.2	3.67
	27	11.3	1.83	13.5	2.18	15.7	2.56	16.7	2.77	17.8	2.98	20.0	3.43	22.2	3.91
	29	11.3	1.93	13.5	2.31	15.7	2.72	16.7	2.94	17.8	3.16	20.0	3.65	22.2	4.16
	31	11.3	2.04	13.5	2.44	15.7	2.88	16.7	3.12	17.8	3.36	20.0	3.87	22.2	4.43
	33	11.3	2.16	13.5	2.59	15.7	3.05	16.7	3.30	17.8	3.56	20.0	4.12	22.2	4.71
	35	11.3	2.28	13.5	2.73	15.7	3.23	16.7	3.50	17.8	3.78	20.0	4.37	22.2	5.00
	37	11.3	2.40	13.5	2.89	15.7	3.42	16.7	3.71	17.8	4.01	20.0	4.64	22.2	5.31
	39	11.3	2.53	13.5	3.05	15.7	3.62	16.7	3.93	17.8	4.24	20.0	4.92	22.2	5.64

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ14TY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (455)	10	35.1	5.02	41.9	6.14	48.6	7.30	50.4	7.46	51.0	7.31	52.3	7.00	53.5	6.68
	12	35.1	5.11	41.9	6.26	48.6	7.44	49.7	7.42	50.4	7.27	51.6	6.95	52.9	6.84
	14	35.1	5.20	41.9	6.38	48.4	7.54	49.1	7.38	49.7	7.22	51.0	7.17	52.2	7.23
	16	35.1	5.30	41.9	6.50	47.8	7.50	48.4	7.44	49.1	7.48	50.3	7.55	51.6	7.62
	18	35.1	5.41	41.9	6.63	47.1	7.79	47.8	7.82	48.4	7.86	49.7	7.94	50.9	8.02
	20	35.1	5.52	41.9	7.06	46.5	8.17	47.1	8.21	47.8	8.25	49.0	8.33	50.3	8.41
	21	35.1	5.67	41.9	7.31	46.2	8.36	46.8	8.40	47.4	8.44	48.7	8.52	50.0	8.61
	23	35.1	6.07	41.9	7.84	45.5	8.74	46.1	8.78	46.8	8.83	48.0	8.92	49.3	9.00
	25	35.1	6.49	41.9	8.40	44.9	9.12	45.5	9.17	46.1	9.21	47.4	9.31	48.7	9.40
	27	35.1	6.94	41.9	8.98	44.2	9.50	44.8	9.55	45.5	9.60	46.7	9.70	48.0	9.80
	29	35.1	7.40	41.9	9.60	43.6	9.89	44.2	9.94	44.8	9.99	46.1	10.1	47.4	10.2
	31	35.1	7.89	41.6	10.2	42.9	10.3	43.5	10.3	44.2	10.4	45.4	10.5	46.7	10.6
	33	35.1	8.41	41.0	10.5	42.3	10.7	42.9	10.7	43.5	10.8	44.8	10.9	46.1	11.0
	35	35.1	8.96	40.3	10.9	41.6	11.1	42.2	11.1	42.9	11.2	44.1	11.3	45.4	11.4
	37	35.1	9.55	39.7	11.3	41.0	11.4	41.6	11.5	42.2	11.6	43.5	11.7	44.8	11.8
	39	35.1	10.2	39.0	11.7	40.3	11.8	40.9	11.9	41.6	12.0	42.8	12.1	44.1	12.3
120% (420)	10	32.4	4.58	38.6	5.60	44.9	6.66	48.0	7.20	50.2	7.50	51.4	7.22	52.6	6.93
	12	32.4	4.67	38.6	5.70	44.9	6.78	48.0	7.33	49.6	7.46	50.7	7.17	51.9	6.88
	14	32.4	4.75	38.6	5.81	44.9	6.91	48.0	7.47	48.9	7.42	50.1	7.13	51.2	7.18
	16	32.4	4.84	38.6	5.92	44.9	7.05	47.7	7.53	48.3	7.44	49.4	7.50	50.6	7.57
	18	32.4	4.94	38.6	6.04	44.9	7.29	47.0	7.78	47.6	7.82	48.8	7.89	49.9	7.96
	20	32.4	5.03	38.6	6.28	44.9	7.83	46.4	8.16	47.0	8.20	48.1	8.27	49.3	8.35
	21	32.4	5.09	38.6	6.51	44.9	8.12	46.1	8.35	46.6	8.39	47.8	8.46	49.0	8.54
	23	32.4	5.43	38.6	6.97	44.8	8.69	45.4	8.73	46.0	8.77	47.2	8.85	48.3	8.93
	25	32.4	5.80	38.6	7.46	44.2	9.07	44.7	9.11	45.3	9.15	46.5	9.24	47.7	9.33
	27	32.4	6.19	38.6	7.97	43.5	9.45	44.1	9.49	44.7	9.54	45.9	9.63	47.0	9.73
	29	32.4	6.61	38.6	8.52	42.9	9.83	43.4	9.88	44.0	9.93	45.2	10.0	46.4	10.1
	31	32.4	7.04	38.6	9.09	42.2	10.2	42.8	10.3	43.4	10.3	44.6	10.4	45.7	10.5
	33	32.4	7.50	38.6	9.70	41.6	10.6	42.1	10.7	42.7	10.7	43.9	10.8	45.1	10.9
	35	32.4	7.98	38.6	10.3	40.9	11.0	41.5	11.0	42.1	11.1	43.3	11.2	44.4	11.3
	37	32.4	8.50	38.6	11.0	40.3	11.4	40.8	11.4	41.4	11.5	42.6	11.6	43.8	11.7
	39	32.4	9.04	38.4	11.6	39.6	11.8	40.2	11.8	40.8	11.9	41.9	12.0	43.1	12.1
110% (385)	10	29.7	4.16	35.4	5.07	41.1	6.02	44.0	6.51	46.9	7.00	50.5	7.43	51.6	7.17
	12	29.7	4.24	35.4	5.16	41.1	6.13	44.0	6.63	46.9	7.13	49.8	7.39	50.9	7.13
	14	29.7	4.31	35.4	5.26	41.1	6.25	44.0	6.76	46.9	7.27	49.2	7.35	50.3	7.13
	16	29.7	4.39	35.4	5.36	41.1	6.37	44.0	6.89	46.9	7.41	48.5	7.45	49.6	7.51
	18	29.7	4.48	35.4	5.47	41.1	6.50	44.0	7.08	46.8	7.77	47.9	7.83	49.0	7.90
	20	29.7	4.56	35.4	5.58	41.1	6.88	44.0	7.61	46.2	8.14	47.2	8.21	48.3	8.28
	21	29.7	4.61	35.4	5.74	41.1	7.13	44.0	7.88	45.8	8.33	46.9	8.41	48.0	8.48
	23	29.7	4.83	35.4	6.15	41.1	7.64	44.0	8.45	45.2	8.71	46.3	8.79	47.3	8.86
	25	29.7	5.15	35.4	6.58	41.1	8.18	44.0	9.05	44.5	9.09	45.6	9.17	46.7	9.25
	27	29.7	5.50	35.4	7.03	41.1	8.75	43.4	9.43	43.9	9.48	45.0	9.56	46.0	9.65
	29	29.7	5.86	35.4	7.50	41.1	9.35	42.7	9.82	43.2	9.86	44.3	9.95	45.4	10.0
	31	29.7	6.24	35.4	8.00	41.1	9.99	42.0	10.2	42.6	10.2	43.7	10.3	44.7	10.4
	33	29.7	6.64	35.4	8.53	40.9	10.5	41.4	10.6	41.9	10.6	43.0	10.7	44.1	10.8
	35	29.7	7.06	35.4	9.09	40.2	10.9	40.7	11.0	41.3	11.0	42.4	11.1	43.4	11.2
	37	29.7	7.51	35.4	9.68	39.6	11.3	40.1	11.4	40.6	11.4	41.7	11.5	42.8	11.6
	39	29.7	7.98	35.4	10.3	38.9	11.7	39.4	11.7	40.0	11.8	41.1	11.9	42.1	12.0
100% (350)	10	27.0	3.75	32.2	4.55	37.4	5.39	40.0	5.83	42.6	6.27	47.8	7.16	50.6	7.41
	12	27.0	3.82	32.2	4.63	37.4	5.49	40.0	5.94	42.6	6.39	47.8	7.30	49.9	7.37
	14	27.0	3.89	32.2	4.72	37.4	5.60	40.0	6.05	42.6	6.51	47.8	7.44	49.3	7.33
	16	27.0	3.96	32.2	4.81	37.4	5.71	40.0	6.17	42.6	6.64	47.6	7.54	48.6	7.46
	18	27.0	4.03	32.2	4.90	37.4	5.82	40.0	6.29	42.6	6.77	47.0	7.78	48.0	7.84
	20	27.0	4.11	32.2	5.00	37.4	5.99	40.0	6.61	42.6	7.25	46.3	8.16	47.3	8.22
	21	27.0	4.15	32.2	5.05	37.4	6.21	40.0	6.84	42.6	7.51	46.0	8.35	47.0	8.41
	23	27.0	4.26	32.2	5.38	37.4	6.65	40.0	7.33	42.6	8.05	45.4	8.73	46.3	8.79
	25	27.0	4.54	32.2	5.75	37.4	7.11	40.0	7.85	42.6	8.62	44.7	9.11	45.7	9.18
	27	27.0	4.84	32.2	6.14	37.4	7.60	40.0	8.39	42.6	9.22	44.1	9.49	45.0	9.57
	29	27.0	5.16	32.2	6.55	37.4	8.12	40.0	8.97	42.4	9.79	43.4	9.88	44.4	9.96
	31	27.0	5.49	32.2	6.98	37.4	8.66	40.0	9.57	41.8	10.2	42.8	10.3	43.7	10.3
	33	27.0	5.83	32.2	7.44	37.4	9.24	40.0	10.2	41.1	10.6	42.1	10.6	43.1	10.7
	35	27.0	6.20	32.2	7.92	37.4	9.85	40.0	10.9	40.5	10.9	41.5	11.0	42.4	11.1
	37	27.0	6.59	32.2	8.42	37.4	10.5	39.3	11.3	39.8	11.3	40.8	11.4	41.8	11.5
	39	27.0	7.00	32.2	8.96	37.4	11.2	38.7	11.7	39.2	11.7	40.2	11.8	41.1	11.9
90% (315)	10	24.3	3.36	29.0	4.05	33.7	4.78	36.0	5.16	38.3	5.55	43.0	6.34	47.7	7.15
	12	24.3	3.42	29.0	4.12	33.7	4.87	36.0	5.26	38.3	5.65	43.0	6.46	47.7	7.28
	14	24.3	3.48	29.0	4.20	33.7	4.96	36.0	5.36	38.3	5.76	43.0	6.58	47.7	7.42
	16	24.3	3.54	29.0	4.28	33.7	5.06	36.0	5.46	38.3	5.87	43.0	6.71	47.6	7.54
	18	24.3	3.60	29.0	4.36	33.7	5.16	36.0	5.57	38.3	5.99	43.0	6.85	47.0	7.78
	20	24.3	3.67	29.0	4.44	33.7	5.26	36.0	5.68	38.3	6.21	43.0	7.36	46.3	8.15
	21	24.3	3.70	29.0	4.49	33.7	5.35	36.0	5.88	38.3	6.43	43.0	7.62	46.0	8.34
	23	24.3	3.77	29.0	4.67	33.7	5.73	36.0	6.30	38.3	6.89	43.0	8.17	45.3	8.72
	25	24.3	3.97	29.0	4.99	33.7	6.12	36.0	6.73	38.3	7.38	43.0	8.75	44.7	9.11
	27	24.3	4.23	29.0	5.32	33.7	6.54	36.0	7.19	38.3	7.89	43.0	9.37	44.0	9.49
	29	24.3	4.50	29.0	5.67	33.7	6.97	36.0	7.68	38.3	8.42	42.5	9.80	43.4	9.87
	31	24.3	4.78	29.0	6.03	33.7	7.44	36.0	8.19	38.3	8.99	41.9	10.2	42.7	10.3
	33	24.3	5.08	29.0	6.42	33.7	7.92	36.0	8.73	38.3	9.59	41.2	10.6	42.1	10.6
	35	24.3	5.40	29.0	6.83	33.7	8.44	36.0	9.31	38.3	10.2	40.6	11.0	41.4	11.0
	37	24.3	5.73	29.0	7.26	33.7	8.98	36.0	9.91	38.3	10.9	39.9	11.3	40.8	11.4
	39	24.3	6.07	29.0	7.71	33.7	9.56	36.0	10.6	38.3	11.6	39.3	11.7	40.1	11.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (280)	10	21.6	2.98	25.8	3.57	29.9	4.20	32.0	4.52	34.1	4.85	38.2	5.53	42.4	6.23
	12	21.6	3.03	25.8	3.63	29.9	4.27	32.0	4.60	34.1	4.94	38.2	5.64	42.4	6.35
	14	21.6	3.08	25.8	3.70	29.9	4.35	32.0	4.69	34.1	5.03	38.2	5.75	42.4	6.47
	16	21.6	3.13	25.8	3.76	29.9	4.43	32.0	4.78	34.1	5.13	38.2	5.86	42.4	6.60
	18	21.6	3.19	25.8	3.83	29.9	4.52	32.0	4.87	34.1	5.23	38.2	5.97	42.4	6.73
	20	21.6	3.24	25.8	3.90	29.9	4.60	32.0	4.97	34.1	5.34	38.2	6.19	42.4	7.20
	21	21.6	3.27	25.8	3.94	29.9	4.65	32.0	5.01	34.1	5.44	38.2	6.41	42.4	7.46
	23	21.6	3.33	25.8	4.02	29.9	4.87	32.0	5.34	34.1	5.83	38.2	6.87	42.4	8.00
	25	21.6	3.44	25.8	4.28	29.9	5.21	32.0	5.71	34.1	6.23	38.2	7.35	42.4	8.56
	27	21.6	3.66	25.8	4.56	29.9	5.55	32.0	6.09	34.1	6.65	38.2	7.86	42.4	9.16
	29	21.6	3.89	25.8	4.85	29.9	5.92	32.0	6.49	34.1	7.10	38.2	8.39	42.4	9.79
	31	21.6	4.13	25.8	5.16	29.9	6.30	32.0	6.92	34.1	7.57	38.2	8.96	41.8	10.2
	33	21.6	4.38	25.8	5.48	29.9	6.71	32.0	7.37	34.1	8.07	38.2	9.55	41.1	10.6
	35	21.6	4.65	25.8	5.82	29.9	7.14	32.0	7.85	34.1	8.59	38.2	10.2	40.5	10.9
	37	21.6	4.93	25.8	6.18	29.9	7.59	32.0	8.35	34.1	9.15	38.2	10.9	39.8	11.3
	39	21.6	5.22	25.8	6.57	29.9	8.07	32.0	8.88	34.1	9.73	38.2	11.6	39.1	11.7
70% (245)	10	18.9	2.62	22.5	3.11	26.2	3.63	28.0	3.90	29.8	4.18	33.5	4.75	37.1	5.35
	12	18.9	2.66	22.5	3.16	26.2	3.70	28.0	3.97	29.8	4.26	33.5	4.84	37.1	5.44
	14	18.9	2.70	22.5	3.22	26.2	3.76	28.0	4.04	29.8	4.33	33.5	4.93	37.1	5.55
	16	18.9	2.75	22.5	3.27	26.2	3.83	28.0	4.12	29.8	4.42	33.5	5.03	37.1	5.66
	18	18.9	2.79	22.5	3.33	26.2	3.90	28.0	4.20	29.8	4.50	33.5	5.12	37.1	5.77
	20	18.9	2.84	22.5	3.39	26.2	3.97	28.0	4.28	29.8	4.59	33.5	5.23	37.1	5.93
	21	18.9	2.86	22.5	3.42	26.2	4.01	28.0	4.32	29.8	4.63	33.5	5.31	37.1	6.14
	23	18.9	2.91	22.5	3.48	26.2	4.09	28.0	4.46	29.8	4.85	33.5	5.68	37.1	6.57
	25	18.9	2.97	22.5	3.62	26.2	4.37	28.0	4.76	29.8	5.18	33.5	6.07	37.1	7.03
	27	18.9	3.13	22.5	3.85	26.2	4.65	28.0	5.08	29.8	5.53	33.5	6.49	37.1	7.52
	29	18.9	3.33	22.5	4.10	26.2	4.95	28.0	5.41	29.8	5.89	33.5	6.92	37.1	8.03
	31	18.9	3.53	22.5	4.35	26.2	5.27	28.0	5.76	29.8	6.28	33.5	7.38	37.1	8.56
	33	18.9	3.74	22.5	4.62	26.2	5.60	28.0	6.13	29.8	6.68	33.5	7.86	37.1	9.13
	35	18.9	3.96	22.5	4.90	26.2	5.95	28.0	6.51	29.8	7.11	33.5	8.37	37.1	9.73
	37	18.9	4.19	22.5	5.20	26.2	6.32	28.0	6.92	29.8	7.56	33.5	8.91	37.1	10.4
	39	18.9	4.43	22.5	5.51	26.2	6.71	28.0	7.36	29.8	8.03	33.5	9.48	37.1	11.0
60% (210)	10	16.2	2.28	19.3	2.68	22.4	3.10	24.0	3.32	25.6	3.54	28.7	4.01	31.8	4.49
	12	16.2	2.31	19.3	2.72	22.4	3.15	24.0	3.37	25.6	3.60	28.7	4.08	31.8	4.57
	14	16.2	2.35	19.3	2.76	22.4	3.20	24.0	3.43	25.6	3.67	28.7	4.15	31.8	4.66
	16	16.2	2.38	19.3	2.81	22.4	3.26	24.0	3.49	25.6	3.73	28.7	4.23	31.8	4.74
	18	16.2	2.42	19.3	2.85	22.4	3.31	24.0	3.55	25.6	3.80	28.7	4.31	31.8	4.84
	20	16.2	2.46	19.3	2.90	22.4	3.37	24.0	3.62	25.6	3.87	28.7	4.39	31.8	4.93
	21	16.2	2.48	19.3	2.93	22.4	3.40	24.0	3.65	25.6	3.91	28.7	4.44	31.8	4.98
	23	16.2	2.52	19.3	2.98	22.4	3.47	24.0	3.72	25.6	3.98	28.7	4.61	31.8	5.30
	25	16.2	2.56	19.3	3.03	22.4	3.60	24.0	3.91	25.6	4.24	28.7	4.92	31.8	5.66
	27	16.2	2.65	19.3	3.21	22.4	3.83	24.0	4.17	25.6	4.51	28.7	5.25	31.8	6.04
	29	16.2	2.81	19.3	3.41	22.4	4.08	24.0	4.43	25.6	4.80	28.7	5.59	31.8	6.44
	31	16.2	2.98	19.3	3.62	22.4	4.33	24.0	4.71	25.6	5.11	28.7	5.95	31.8	6.86
	33	16.2	3.15	19.3	3.84	22.4	4.60	24.0	5.00	25.6	5.43	28.7	6.33	31.8	7.31
	35	16.2	3.33	19.3	4.06	22.4	4.88	24.0	5.31	25.6	5.77	28.7	6.74	31.8	7.78
	37	16.2	3.52	19.3	4.30	22.4	5.17	24.0	5.64	25.6	6.12	28.7	7.16	31.8	8.28
	39	16.2	3.72	19.3	4.55	22.4	5.48	24.0	5.98	25.6	6.50	28.7	7.61	31.8	8.80
50% (175)	10	13.5	1.96	16.1	2.27	18.7	2.60	20.0	2.77	21.3	2.94	23.9	3.30	26.5	3.68
	12	13.5	1.99	16.1	2.30	18.7	2.64	20.0	2.81	21.3	2.99	23.9	3.36	26.5	3.75
	14	13.5	2.01	16.1	2.33	18.7	2.68	20.0	2.86	21.3	3.04	23.9	3.42	26.5	3.81
	16	13.5	2.04	16.1	2.37	18.7	2.72	20.0	2.90	21.3	3.09	23.9	3.48	26.5	3.88
	18	13.5	2.07	16.1	2.41	18.7	2.76	20.0	2.95	21.3	3.14	23.9	3.54	26.5	3.95
	20	13.5	2.10	16.1	2.44	18.7	2.81	20.0	3.00	21.3	3.20	23.9	3.61	26.5	4.03
	21	13.5	2.11	16.1	2.46	18.7	2.83	20.0	3.03	21.3	3.23	23.9	3.64	26.5	4.07
	23	13.5	2.14	16.1	2.50	18.7	2.88	20.0	3.08	21.3	3.29	23.9	3.71	26.5	4.16
	25	13.5	2.18	16.1	2.54	18.7	2.94	20.0	3.15	21.3	3.39	23.9	3.89	26.5	4.44
	27	13.5	2.21	16.1	2.64	18.7	3.10	20.0	3.34	21.3	3.60	23.9	4.15	26.5	4.73
	29	13.5	2.34	16.1	2.79	18.7	3.29	20.0	3.55	21.3	3.83	23.9	4.41	26.5	5.03
	31	13.5	2.47	16.1	2.96	18.7	3.49	20.0	3.77	21.3	4.06	23.9	4.69	26.5	5.36
	33	13.5	2.61	16.1	3.13	18.7	3.69	20.0	4.00	21.3	4.31	23.9	4.98	26.5	5.69
	35	13.5	2.76	16.1	3.31	18.7	3.91	20.0	4.23	21.3	4.57	23.9	5.28	26.5	6.05
	37	13.5	2.91	16.1	3.49	18.7	4.14	20.0	4.48	21.3	4.84	23.9	5.61	26.5	6.43
	39	13.5	3.06	16.1	3.69	18.7	4.38	20.0	4.75	21.3	5.13	23.9	5.95	26.5	6.82

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ16TY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	10	39.5	5.98	47.1	7.32	54.7	8.71	56.7	8.89	57.4	8.71	58.8	8.35	60.2	7.97
	12	39.5	6.09	47.1	7.46	54.7	8.87	55.9	8.85	56.7	8.66	58.1	8.29	59.5	8.16
	14	39.5	6.21	47.1	7.60	54.5	8.99	55.2	8.80	55.9	8.61	57.3	8.55	58.8	8.63
	16	39.5	6.33	47.1	7.75	53.8	8.94	54.5	8.88	55.2	8.92	56.6	9.01	58.0	9.09
	18	39.5	6.45	47.1	7.91	53.0	9.29	53.7	9.33	54.5	9.38	55.9	9.47	57.3	9.56
	20	39.5	6.58	47.1	8.42	52.3	9.74	53.0	9.79	53.7	9.84	55.2	9.93	56.6	10.0
	21	39.5	6.76	47.1	8.72	51.9	9.97	52.6	10.0	53.4	10.1	54.8	10.2	56.2	10.3
	23	39.5	7.24	47.1	9.35	51.2	10.4	51.9	10.5	52.6	10.5	54.1	10.6	55.5	10.7
	25	39.5	7.74	47.1	10.0	50.5	10.9	51.2	10.9	51.9	11.0	53.3	11.1	54.7	11.2
	27	39.5	8.27	47.1	10.7	49.7	11.3	50.5	11.4	51.2	11.5	52.6	11.6	54.0	11.7
	29	39.5	8.83	47.1	11.4	49.0	11.8	49.7	11.9	50.4	11.9	51.9	12.0	53.3	12.2
	31	39.5	9.42	46.9	12.1	48.3	12.3	49.0	12.3	49.7	12.4	51.1	12.5	52.5	12.7
	33	39.5	10.0	46.1	12.6	47.5	12.7	48.3	12.8	49.0	12.9	50.4	13.0	51.8	13.1
	35	39.5	10.7	45.4	13.0	46.8	13.2	47.5	13.3	48.2	13.3	49.7	13.5	51.1	13.6
	37	39.5	11.4	44.7	13.5	46.1	13.7	46.8	13.7	47.5	13.8	48.9	14.0	50.4	14.1
	39	39.5	12.1	43.9	14.0	45.3	14.1	46.1	14.2	46.8	14.3	48.2	14.5	49.6	14.6
120% (480)	10	36.4	5.47	43.5	6.68	50.5	7.94	54.0	8.58	56.5	8.94	57.8	8.61	59.1	8.27
	12	36.4	5.57	43.5	6.80	50.5	8.09	54.0	8.74	55.8	8.90	57.1	8.56	58.4	8.21
	14	36.4	5.67	43.5	6.93	50.5	8.24	54.0	8.91	55.0	8.85	56.3	8.50	57.7	8.56
	16	36.4	5.78	43.5	7.07	50.5	8.40	53.6	8.98	54.3	8.87	55.6	8.95	56.9	9.03
	18	36.4	5.89	43.5	7.21	50.5	8.69	52.9	9.28	53.6	9.32	54.9	9.40	56.2	9.49
	20	36.4	6.00	43.5	7.49	50.5	9.34	52.2	9.73	52.8	9.78	54.1	9.86	55.5	9.95
	21	36.4	6.06	43.5	7.76	50.5	9.68	51.8	9.96	52.5	10.0	53.8	10.1	55.1	10.2
	23	36.4	6.48	43.5	8.31	50.4	10.4	51.1	10.4	51.7	10.5	53.0	10.6	54.4	10.7
	25	36.4	6.92	43.5	8.90	49.7	10.8	50.3	10.9	51.0	10.9	52.3	11.0	53.6	11.1
	27	36.4	7.39	43.5	9.51	49.0	11.3	49.6	11.3	50.3	11.4	51.6	11.5	52.9	11.6
	29	36.4	7.88	43.5	10.2	48.2	11.7	48.9	11.8	49.5	11.8	50.9	12.0	52.2	12.1
	31	36.4	8.40	43.5	10.8	47.5	12.2	48.1	12.2	48.8	12.3	50.1	12.4	51.4	12.6
	33	36.4	8.95	43.5	11.6	46.8	12.6	47.4	12.7	48.1	12.8	49.4	12.9	50.7	13.0
	35	36.4	9.52	43.5	12.3	46.0	13.1	46.7	13.2	47.3	13.2	48.7	13.4	50.0	13.5
	37	36.4	10.1	43.5	13.1	45.3	13.6	46.0	13.6	46.6	13.7	47.9	13.9	49.2	14.0
	39	36.4	10.8	43.2	13.9	44.6	14.0	45.2	14.1	45.9	14.2	47.2	14.3	48.5	14.5
110% (440)	10	33.4	4.96	39.8	6.04	46.3	7.18	49.5	7.76	52.7	8.35	56.8	8.86	58.0	8.56
	12	33.4	5.05	39.8	6.16	46.3	7.31	49.5	7.91	52.7	8.51	56.1	8.82	57.3	8.50
	14	33.4	5.14	39.8	6.27	46.3	7.45	49.5	8.06	52.7	8.67	55.3	8.77	56.5	8.50
	16	33.4	5.24	39.8	6.39	46.3	7.60	49.5	8.21	52.7	8.84	54.6	8.89	55.8	8.96
	18	33.4	5.34	39.8	6.52	46.3	7.75	49.5	8.44	52.7	9.26	53.9	9.34	55.1	9.42
	20	33.4	5.44	39.8	6.65	46.3	8.21	49.5	9.07	51.9	9.71	53.1	9.80	54.3	9.88
	21	33.4	5.50	39.8	6.85	46.3	8.50	49.5	9.40	51.6	9.94	52.8	10.0	54.0	10.1
	23	33.4	5.75	39.8	7.34	46.3	9.12	49.5	10.1	50.8	10.4	52.0	10.5	53.2	10.6
	25	33.4	6.15	39.8	7.85	46.3	9.76	49.5	10.8	50.1	10.8	51.3	10.9	52.5	11.0
	27	33.4	6.56	39.8	8.38	46.3	10.4	48.8	11.3	49.4	11.3	50.6	11.4	51.8	11.5
	29	33.4	6.99	39.8	8.95	46.3	11.2	48.0	11.7	48.6	11.8	49.8	11.9	51.0	12.0
	31	33.4	7.44	39.8	9.54	46.3	11.9	47.3	12.2	47.9	12.2	49.1	12.3	50.3	12.4
	33	33.4	7.92	39.8	10.2	46.0	12.6	46.6	12.6	47.2	12.7	48.4	12.8	49.6	12.9
	35	33.4	8.42	39.8	10.8	45.2	13.0	45.8	13.1	46.4	13.1	47.7	13.3	48.9	13.4
	37	33.4	8.96	39.8	11.5	44.5	13.5	45.1	13.5	45.7	13.6	46.9	13.7	48.1	13.9
	39	33.4	9.52	39.8	12.3	43.8	13.9	44.4	14.0	45.0	14.1	46.2	14.2	47.4	14.4
100% (400)	10	30.4	4.48	36.2	5.43	42.1	6.43	45.0	6.95	47.9	7.47	53.8	8.54	56.9	8.84
	12	30.4	4.55	36.2	5.53	42.1	6.55	45.0	7.08	47.9	7.62	53.8	8.71	56.2	8.79
	14	30.4	4.64	36.2	5.63	42.1	6.68	45.0	7.21	47.9	7.76	53.8	8.87	55.4	8.75
	16	30.4	4.72	36.2	5.74	42.1	6.81	45.0	7.36	47.9	7.91	53.6	8.99	54.7	8.89
	18	30.4	4.81	36.2	5.85	42.1	6.94	45.0	7.50	47.9	8.07	52.9	9.28	54.0	9.35
	20	30.4	4.90	36.2	5.96	42.1	7.15	45.0	7.88	47.9	8.65	52.1	9.73	53.2	9.80
	21	30.4	4.95	36.2	6.02	42.1	7.40	45.0	8.16	47.9	8.96	51.8	9.95	52.9	10.0
	23	30.4	5.08	36.2	6.42	42.1	7.93	45.0	8.75	47.9	9.60	51.0	10.4	52.1	10.5
	25	30.4	5.42	36.2	6.86	42.1	8.48	45.0	9.36	47.9	10.3	50.3	10.9	51.4	10.9
	27	30.4	5.77	36.2	7.33	42.1	9.07	45.0	10.0	47.9	11.0	49.6	11.3	50.7	11.4
	29	30.4	6.15	36.2	7.81	42.1	9.68	45.0	10.7	47.7	11.7	48.8	11.8	49.9	11.9
	31	30.4	6.54	36.2	8.33	42.1	10.3	45.0	11.4	47.0	12.1	48.1	12.2	49.2	12.3
	33	30.4	6.96	36.2	8.87	42.1	11.0	45.0	12.2	46.3	12.6	47.4	12.7	48.5	12.8
	35	30.4	7.39	36.2	9.44	42.1	11.7	45.0	13.0	45.5	13.1	46.6	13.2	47.7	13.3
	37	30.4	7.86	36.2	10.0	42.1	12.5	44.3	13.5	44.8	13.5	45.9	13.6	47.0	13.8
	39	30.4	8.34	36.2	10.7	42.1	13.3	43.5	13.9	44.1	14.0	45.2	14.1	46.3	14.2
90% (360)	10	27.3	4.01	32.6	4.83	37.9	5.71	40.5	6.16	43.1	6.62	48.4	7.56	53.7	8.52
	12	27.3	4.08	32.6	4.92	37.9	5.81	40.5	6.27	43.1	6.74	48.4	7.70	53.7	8.68
	14	27.3	4.15	32.6	5.01	37.9	5.92	40.5	6.39	43.1	6.87	48.4	7.85	53.7	8.85
	16	27.3	4.22	32.6	5.10	37.9	6.03	40.5	6.51	43.1	7.00	48.4	8.01	53.6	8.99
	18	27.3	4.29	32.6	5.20	37.9	6.15	40.5	6.64	43.1	7.14	48.4	8.17	52.8	9.27
	20	27.3	4.37	32.6	5.30	37.9	6.27	40.5	6.78	43.1	7.41	48.4	8.77	52.1	9.73
	21	27.3	4.41	32.6	5.35	37.9	6.38	40.5	7.01	43.1	7.67	48.4	9.09	51.7	9.95
	23	27.3	4.50	32.6	5.57	37.9	6.83	40.5	7.51	43.1	8.22	48.4	9.75	51.0	10.4
	25	27.3	4.74	32.6	5.95	37.9	7.30	40.5	8.03	43.1	8.80	48.4	10.4	50.3	10.9
	27	27.3	5.04	32.6	6.34	37.9	7.80	40.5	8.58	43.1	9.41	48.4	11.2	49.6	11.3
	29	27.3	5.37	32.6	6.76	37.9	8.32	40.5	9.16	43.1	10.0	47.8	11.7	48.8	11.8
	31	27.3	5.70	32.6	7.20	37.9	8.87	40.5	9.77	43.1	10.7	47.1	12.1	48.1	12.2
	33	27.3	6.06	32.6	7.66	37.9	9.45	40.5	10.4	43.1	11.4	46.4	12.6	47.4	12.7
	35	27.3	6.43	32.6	8.14	37.9	10.1	40.5	11.1	43.1	12.2	45.6	13.1	46.6	13.2
	37	27.3	6.83	32.6	8.66	37.9	10.7	40.5	11.8	43.1	13.0	44.9	13.5	45.9	13.6
	39	27.3	7.25	32.6	9.20	37.9	11.4	40.5	12.6	43.1	13.8	44.2	14.0	45.2	14.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (320)	10	24.3	3.56	29.0	4.26	33.7	5.00	36.0	5.39	38.3	5.79	43.0	6.60	47.7	7.44
	12	24.3	3.61	29.0	4.33	33.7	5.09	36.0	5.49	38.3	5.89	43.0	6.72	47.7	7.58
	14	24.3	3.67	29.0	4.41	33.7	5.19	36.0	5.59	38.3	6.00	43.0	6.85	47.7	7.72
	16	24.3	3.74	29.0	4.49	33.7	5.28	36.0	5.70	38.3	6.12	43.0	6.99	47.7	7.87
	18	24.3	3.80	29.0	4.57	33.7	5.39	36.0	5.81	38.3	6.24	43.0	7.12	47.7	8.03
	20	24.3	3.87	29.0	4.66	33.7	5.49	36.0	5.92	38.3	6.36	43.0	7.38	47.7	8.59
	21	24.3	3.90	29.0	4.70	33.7	5.54	36.0	5.98	38.3	6.49	43.0	7.65	47.7	8.90
	23	24.3	3.97	29.0	4.79	33.7	5.81	36.0	6.37	38.3	6.95	43.0	8.19	47.7	9.54
	25	24.3	4.10	29.0	5.10	33.7	6.21	36.0	6.80	38.3	7.43	43.0	8.77	47.7	10.2
	27	24.3	4.37	29.0	5.43	33.7	6.62	36.0	7.26	38.3	7.94	43.0	9.37	47.7	10.9
	29	24.3	4.64	29.0	5.78	33.7	7.06	36.0	7.75	38.3	8.47	43.0	10.0	47.7	11.7
	31	24.3	4.93	29.0	6.15	33.7	7.52	36.0	8.25	38.3	9.03	43.0	10.7	47.0	12.1
	33	24.3	5.23	29.0	6.54	33.7	8.00	36.0	8.79	38.3	9.62	43.0	11.4	46.2	12.6
	35	24.3	5.54	29.0	6.95	33.7	8.51	36.0	9.36	38.3	10.2	43.0	12.1	45.5	13.0
	37	24.3	5.88	29.0	7.38	33.7	9.05	36.0	9.96	38.3	10.9	43.0	12.9	44.8	13.5
	39	24.3	6.23	29.0	7.83	33.7	9.62	36.0	10.6	38.3	11.6	43.0	13.8	44.0	14.0
70% (280)	10	21.3	3.13	25.4	3.71	29.4	4.33	31.5	4.66	33.5	4.99	37.7	5.67	41.7	6.38
	12	21.3	3.18	25.4	3.77	29.4	4.41	31.5	4.74	33.5	5.08	37.7	5.77	41.7	6.49
	14	21.3	3.23	25.4	3.84	29.4	4.49	31.5	4.82	33.5	5.17	37.7	5.88	41.7	6.62
	16	21.3	3.28	25.4	3.90	29.4	4.57	31.5	4.91	33.5	5.27	37.7	5.99	41.7	6.75
	18	21.3	3.33	25.4	3.97	29.4	4.65	31.5	5.00	33.5	5.37	37.7	6.11	41.7	6.88
	20	21.3	3.39	25.4	4.04	29.4	4.74	31.5	5.10	33.5	5.47	37.7	6.23	41.7	7.07
	21	21.3	3.42	25.4	4.08	29.4	4.78	31.5	5.15	33.5	5.52	37.7	6.33	41.7	7.32
	23	21.3	3.48	25.4	4.15	29.4	4.88	31.5	5.32	33.5	5.79	37.7	6.78	41.7	7.84
	25	21.3	3.54	25.4	4.32	29.4	5.21	31.5	5.68	33.5	6.18	37.7	7.24	41.7	8.39
	27	21.3	3.74	25.4	4.60	29.4	5.55	31.5	6.06	33.5	6.59	37.7	7.73	41.7	8.97
	29	21.3	3.97	25.4	4.89	29.4	5.91	31.5	6.45	33.5	7.03	37.7	8.25	41.7	9.57
	31	21.3	4.21	25.4	5.19	29.4	6.28	31.5	6.87	33.5	7.49	37.7	8.80	41.7	10.2
	33	21.3	4.46	25.4	5.51	29.4	6.68	31.5	7.31	33.5	7.97	37.7	9.37	41.7	10.9
	35	21.3	4.72	25.4	5.85	29.4	7.10	31.5	7.77	33.5	8.48	37.7	9.98	41.7	11.6
	37	21.3	5.00	25.4	6.20	29.4	7.54	31.5	8.26	33.5	9.01	37.7	10.6	41.7	12.4
	39	21.3	5.29	25.4	6.57	29.4	8.00	31.5	8.77	33.5	9.58	37.7	11.3	41.7	13.2
60% (240)	10	18.2	2.72	21.7	3.19	25.2	3.70	27.0	3.96	28.8	4.23	32.3	4.78	35.8	5.36
	12	18.2	2.76	21.7	3.24	25.2	3.76	27.0	4.02	28.8	4.30	32.3	4.87	35.8	5.45
	14	18.2	2.80	21.7	3.29	25.2	3.82	27.0	4.09	28.8	4.37	32.3	4.95	35.8	5.55
	16	18.2	2.84	21.7	3.35	25.2	3.88	27.0	4.16	28.8	4.45	32.3	5.04	35.8	5.66
	18	18.2	2.89	21.7	3.40	25.2	3.95	27.0	4.24	28.8	4.53	32.3	5.14	35.8	5.77
	20	18.2	2.93	21.7	3.46	25.2	4.02	27.0	4.32	28.8	4.62	32.3	5.24	35.8	5.88
	21	18.2	2.95	21.7	3.49	25.2	4.06	27.0	4.36	28.8	4.66	32.3	5.29	35.8	5.94
	23	18.2	3.00	21.7	3.55	25.2	4.14	27.0	4.44	28.8	4.75	32.3	5.50	35.8	6.32
	25	18.2	3.05	21.7	3.62	25.2	4.30	27.0	4.67	28.8	5.05	32.3	5.87	35.8	6.75
	27	18.2	3.16	21.7	3.83	25.2	4.57	27.0	4.97	28.8	5.38	32.3	6.26	35.8	7.20
	29	18.2	3.35	21.7	4.07	25.2	4.86	27.0	5.28	28.8	5.73	32.3	6.67	35.8	7.68
	31	18.2	3.55	21.7	4.32	25.2	5.16	27.0	5.62	28.8	6.09	32.3	7.10	35.8	8.19
	33	18.2	3.75	21.7	4.57	25.2	5.48	27.0	5.97	28.8	6.47	32.3	7.55	35.8	8.72
	35	18.2	3.97	21.7	4.85	25.2	5.81	27.0	6.33	28.8	6.88	32.3	8.03	35.8	9.28
	37	18.2	4.20	21.7	5.13	25.2	6.17	27.0	6.72	28.8	7.30	32.3	8.54	35.8	9.87
	39	18.2	4.43	21.7	5.43	25.2	6.54	27.0	7.13	28.8	7.75	32.3	9.07	35.8	10.5
50% (200)	10	15.2	2.34	18.1	2.71	21.0	3.10	22.5	3.30	24.0	3.51	26.9	3.94	29.8	4.39
	12	15.2	2.37	18.1	2.74	21.0	3.14	22.5	3.35	24.0	3.57	26.9	4.01	29.8	4.47
	14	15.2	2.40	18.1	2.78	21.0	3.19	22.5	3.41	24.0	3.62	26.9	4.08	29.8	4.55
	16	15.2	2.43	18.1	2.83	21.0	3.24	22.5	3.46	24.0	3.69	26.9	4.15	29.8	4.63
	18	15.2	2.47	18.1	2.87	21.0	3.30	22.5	3.52	24.0	3.75	26.9	4.22	29.8	4.71
	20	15.2	2.50	18.1	2.91	21.0	3.35	22.5	3.58	24.0	3.82	26.9	4.30	29.8	4.80
	21	15.2	2.52	18.1	2.94	21.0	3.38	22.5	3.61	24.0	3.85	26.9	4.34	29.8	4.85
	23	15.2	2.56	18.1	2.99	21.0	3.44	22.5	3.68	24.0	3.92	26.9	4.42	29.8	4.96
	25	15.2	2.60	18.1	3.04	21.0	3.50	22.5	3.75	24.0	4.04	26.9	4.64	29.8	5.29
	27	15.2	2.64	18.1	3.14	21.0	3.70	22.5	3.99	24.0	4.30	26.9	4.94	29.8	5.64
	29	15.2	2.79	18.1	3.33	21.0	3.92	22.5	4.24	24.0	4.56	26.9	5.26	29.8	6.00
	31	15.2	2.95	18.1	3.53	21.0	4.16	22.5	4.49	24.0	4.85	26.9	5.59	29.8	6.39
	33	15.2	3.11	18.1	3.73	21.0	4.41	22.5	4.77	24.0	5.14	26.9	5.94	29.8	6.79
	35	15.2	3.29	18.1	3.94	21.0	4.66	22.5	5.05	24.0	5.45	26.9	6.30	29.8	7.22
	37	15.2	3.47	18.1	4.17	21.0	4.94	22.5	5.35	24.0	5.78	26.9	6.69	29.8	7.66
	39	15.2	3.65	18.1	4.40	21.0	5.22	22.5	5.66	24.0	6.12	26.9	7.09	29.8	8.14

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ18TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	44.2	5.75	52.7	7.04	61.3	8.38	63.5	8.56	64.3	8.38	65.9	8.03	67.5	7.67
	12	44.2	5.86	52.7	7.18	61.3	8.54	62.7	8.51	63.5	8.33	65.1	7.97	66.6	7.85
	14	44.2	5.97	52.7	7.31	61.0	8.65	61.8	8.47	62.6	8.29	64.2	8.22	65.8	8.30
	16	44.2	6.09	52.7	7.46	60.2	8.60	61.0	8.54	61.8	8.58	63.4	8.66	65.0	8.75
	18	44.2	6.20	52.7	7.60	59.4	8.93	60.2	8.98	61.0	9.02	62.6	9.11	64.2	9.20
	20	44.2	6.33	52.7	8.10	58.6	9.37	59.4	9.41	60.2	9.46	61.8	9.55	63.4	9.65
	21	44.2	6.51	52.7	8.39	58.2	9.59	59.0	9.63	59.8	9.68	61.4	9.78	63.0	9.87
	23	44.2	6.97	52.7	9.00	57.3	10.0	58.1	10.1	58.9	10.1	60.5	10.2	62.1	10.3
	25	44.2	7.45	52.7	9.63	56.5	10.5	57.3	10.5	58.1	10.6	59.7	10.7	61.3	10.8
	27	44.2	7.96	52.7	10.3	55.7	10.9	56.5	11.0	57.3	11.0	58.9	11.1	60.5	11.2
	29	44.2	8.49	52.7	11.0	54.9	11.3	55.7	11.4	56.5	11.5	58.1	11.6	59.7	11.7
	31	44.2	9.06	52.5	11.7	54.1	11.8	54.9	11.9	55.7	11.9	57.3	12.0	58.9	12.2
	33	44.2	9.65	51.7	12.1	53.3	12.2	54.0	12.3	54.8	12.4	56.4	12.5	58.0	12.6
	35	44.2	10.3	50.8	12.5	52.4	12.7	53.2	12.8	54.0	12.8	55.6	13.0	57.2	13.1
	37	44.2	11.0	50.0	13.0	51.6	13.1	52.4	13.2	53.2	13.3	54.8	13.4	56.4	13.6
	39	44.2	11.7	49.2	13.4	50.8	13.6	51.6	13.7	52.4	13.7	54.0	13.9	55.6	14.1
120% (540)	10	40.8	5.26	48.7	6.42	56.5	7.64	60.5	8.25	63.3	8.60	64.7	8.28	66.2	7.95
	12	40.8	5.35	48.7	6.54	56.5	7.78	60.5	8.41	62.5	8.56	63.9	8.23	65.4	7.90
	14	40.8	5.45	48.7	6.67	56.5	7.93	60.5	8.57	61.6	8.51	63.1	8.18	64.6	8.24
	16	40.8	5.56	48.7	6.80	56.5	8.08	60.1	8.64	60.8	8.53	62.3	8.61	63.8	8.68
	18	40.8	5.66	48.7	6.93	56.5	8.36	59.3	8.92	60.0	8.97	61.5	9.05	62.9	9.13
	20	40.8	5.78	48.7	7.21	56.5	8.99	58.4	9.36	59.2	9.40	60.6	9.49	62.1	9.57
	21	40.8	5.83	48.7	7.46	56.5	9.31	58.0	9.58	58.8	9.62	60.2	9.71	61.7	9.80
	23	40.8	6.23	48.7	8.00	56.5	9.97	57.2	10.0	57.9	10.1	59.4	10.2	60.9	10.2
	25	40.8	6.66	48.7	8.56	55.6	10.4	56.4	10.5	57.1	10.5	58.6	10.6	60.1	10.7
	27	40.8	7.11	48.7	9.15	54.8	10.8	55.6	10.9	56.3	10.9	57.8	11.1	59.2	11.2
	29	40.8	7.58	48.7	9.77	54.0	11.3	54.7	11.3	55.5	11.4	57.0	11.5	58.4	11.6
	31	40.8	8.08	48.7	10.4	53.2	11.7	53.9	11.8	54.7	11.8	56.1	12.0	57.6	12.1
	33	40.8	8.60	48.7	11.1	52.4	12.2	53.1	12.2	53.8	12.3	55.3	12.4	56.8	12.5
	35	40.8	9.16	48.7	11.9	51.5	12.6	52.3	12.7	53.0	12.7	54.5	12.9	56.0	13.0
	37	40.8	9.75	48.7	12.6	50.7	13.0	51.5	13.1	52.2	13.2	53.7	13.3	55.1	13.5
	39	40.8	10.4	48.4	13.3	49.9	13.5	50.6	13.6	51.4	13.6	52.9	13.8	54.3	13.9
110% (495)	10	37.4	4.77	44.6	5.81	51.8	6.90	55.4	7.46	59.0	8.03	63.6	8.52	65.0	8.23
	12	37.4	4.86	44.6	5.92	51.8	7.03	55.4	7.60	59.0	8.18	62.8	8.48	64.1	8.18
	14	37.4	4.95	44.6	6.03	51.8	7.17	55.4	7.75	59.0	8.34	62.0	8.44	63.3	8.18
	16	37.4	5.04	44.6	6.15	51.8	7.31	55.4	7.90	59.0	8.50	61.2	8.55	62.5	8.62
	18	37.4	5.14	44.6	6.27	51.8	7.45	55.4	8.12	59.0	8.91	60.3	8.98	61.7	9.06
	20	37.4	5.24	44.6	6.40	51.8	7.90	55.4	8.72	58.2	9.34	59.5	9.42	60.9	9.50
	21	37.4	5.29	44.6	6.59	51.8	8.18	55.4	9.04	57.8	9.56	59.1	9.64	60.5	9.72
	23	37.4	5.54	44.6	7.06	51.8	8.77	55.4	9.69	56.9	10.0	58.3	10.1	59.6	10.2
	25	37.4	5.91	44.6	7.55	51.8	9.39	55.4	10.4	56.1	10.4	57.5	10.5	58.8	10.6
	27	37.4	6.31	44.6	8.06	51.8	10.0	54.6	10.8	55.3	10.9	56.6	11.0	58.0	11.1
	29	37.4	6.72	44.6	8.60	51.8	10.7	53.8	11.3	54.5	11.3	55.8	11.4	57.2	11.5
	31	37.4	7.16	44.6	9.18	51.8	11.5	53.0	11.7	53.7	11.8	55.0	11.9	56.4	12.0
	33	37.4	7.62	44.6	9.78	51.5	12.1	52.2	12.1	52.8	12.2	54.2	12.3	55.5	12.4
	35	37.4	8.10	44.6	10.4	50.7	12.5	51.3	12.6	52.0	12.6	53.4	12.8	54.7	12.9
	37	37.4	8.62	44.6	11.1	49.8	13.0	50.5	13.0	51.2	13.1	52.5	13.2	53.9	13.3
	39	37.4	9.16	44.6	11.8	49.0	13.4	49.7	13.5	50.4	13.5	51.7	13.7	53.1	13.8
100% (450)	10	34.0	4.31	40.6	5.22	47.1	6.19	50.4	6.68	53.7	7.19	60.2	8.22	63.7	8.50
	12	34.0	4.38	40.6	5.32	47.1	6.30	50.4	6.81	53.7	7.33	60.2	8.37	62.9	8.46
	14	34.0	4.46	40.6	5.42	47.1	6.42	50.4	6.94	53.7	7.47	60.2	8.53	62.1	8.41
	16	34.0	4.54	40.6	5.52	47.1	6.55	50.4	7.07	53.7	7.61	60.0	8.65	61.3	8.55
	18	34.0	4.62	40.6	5.62	47.1	6.68	50.4	7.22	53.7	7.76	59.2	8.92	60.4	8.99
	20	34.0	4.71	40.6	5.74	47.1	6.88	50.4	7.58	53.7	8.32	58.4	9.36	59.6	9.43
	21	34.0	4.76	40.6	5.79	47.1	7.12	50.4	7.85	53.7	8.61	58.0	9.57	59.2	9.65
	23	34.0	4.88	40.6	6.18	47.1	7.63	50.4	8.41	53.7	9.24	57.2	10.0	58.4	10.1
	25	34.0	5.21	40.6	6.60	47.1	8.16	50.4	9.00	53.7	9.89	56.3	10.4	57.6	10.5
	27	34.0	5.55	40.6	7.05	47.1	8.72	50.4	9.63	53.7	10.6	55.5	10.9	56.7	11.0
	29	34.0	5.91	40.6	7.52	47.1	9.31	50.4	10.3	53.5	11.2	54.7	11.3	55.9	11.4
	31	34.0	6.29	40.6	8.01	47.1	9.94	50.4	11.0	52.7	11.7	53.9	11.8	55.1	11.9
	33	34.0	6.69	40.6	8.53	47.1	10.6	50.4	11.7	51.8	12.1	53.1	12.2	54.3	12.3
	35	34.0	7.11	40.6	9.08	47.1	11.3	50.4	12.5	51.0	12.6	52.2	12.7	53.5	12.8
	37	34.0	7.56	40.6	9.66	47.1	12.0	49.6	12.9	50.2	13.0	51.4	13.1	52.6	13.2
	39	34.0	8.03	40.6	10.3	47.1	12.8	48.8	13.4	49.4	13.4	50.6	13.6	51.8	13.7
90% (405)	10	30.6	3.85	36.5	4.65	42.4	5.49	45.4	5.92	48.3	6.37	54.2	7.27	60.1	8.20
	12	30.6	3.92	36.5	4.73	42.4	5.59	45.4	6.03	48.3	6.49	54.2	7.41	60.1	8.35
	14	30.6	3.99	36.5	4.82	42.4	5.69	45.4	6.15	48.3	6.61	54.2	7.55	60.1	8.51
	16	30.6	4.06	36.5	4.91	42.4	5.80	45.4	6.27	48.3	6.74	54.2	7.70	60.0	8.65
	18	30.6	4.13	36.5	5.00	42.4	5.92	45.4	6.39	48.3	6.87	54.2	7.85	59.2	8.92
	20	30.6	4.21	36.5	5.10	42.4	6.03	45.4	6.52	48.3	7.13	54.2	8.44	58.4	9.36
	21	30.6	4.25	36.5	5.15	42.4	6.14	45.4	6.74	48.3	7.38	54.2	8.74	58.0	9.57
	23	30.6	4.33	36.5	5.36	42.4	6.57	45.4	7.22	48.3	7.91	54.2	9.38	57.1	10.0
	25	30.6	4.56	36.5	5.72	42.4	7.02	45.4	7.72	48.3	8.46	54.2	10.0	56.3	10.4
	27	30.6	4.85	36.5	6.10	42.4	7.50	45.4	8.25	48.3	9.05	54.2	10.7	55.5	10.9
	29	30.6	5.16	36.5	6.50	42.4	8.00	45.4	8.81	48.3	9.66	53.6	11.2	54.7	11.3
	31	30.6	5.49	36.5	6.92	42.4	8.53	45.4	9.40	48.3	10.3	52.8	11.7	53.9	11.8
	33	30.6	5.83	36.5	7.37	42.4	9.09	45.4	10.0	48.3	11.0	51.9	12.1	53.0	12.2
	35	30.6	6.19	36.5	7.83	42.4	9.68	45.4	10.7	48.3	11.7	51.1	12.6	52.2	12.7
	37	30.6	6.57	36.5	8.33	42.4	10.3	45.4	11.4	48.3	12.5	50.3	13.0	51.4	13.1
	39	30.6	6.97	36.5	8.85	42.4	11.0	45.4	12.1	48.3	13.3	49.5	13.5	50.6	13.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	27.2	3.42	32.5	4.10	37.7	4.81	40.3	5.19	42.9	5.57	48.2	6.35	53.4	7.15
	12	27.2	3.48	32.5	4.17	37.7	4.90	40.3	5.28	42.9	5.67	48.2	6.47	53.4	7.29
	14	27.2	3.53	32.5	4.24	37.7	4.99	40.3	5.38	42.9	5.78	48.2	6.59	53.4	7.43
	16	27.2	3.59	32.5	4.32	37.7	5.08	40.3	5.48	42.9	5.89	48.2	6.72	53.4	7.57
	18	27.2	3.66	32.5	4.40	37.7	5.18	40.3	5.59	42.9	6.00	48.2	6.85	53.4	7.72
	20	27.2	3.72	32.5	4.48	37.7	5.28	40.3	5.70	42.9	6.12	48.2	7.10	53.4	8.26
	21	27.2	3.75	32.5	4.52	37.7	5.33	40.3	5.75	42.9	6.25	48.2	7.36	53.4	8.56
	23	27.2	3.82	32.5	4.61	37.7	5.59	40.3	6.13	42.9	6.69	48.2	7.88	53.4	9.17
	25	27.2	3.95	32.5	4.91	37.7	5.97	40.3	6.54	42.9	7.15	48.2	8.43	53.4	9.82
	27	27.2	4.20	32.5	5.23	37.7	6.37	40.3	6.99	42.9	7.63	48.2	9.01	53.4	10.5
	29	27.2	4.46	32.5	5.56	37.7	6.79	40.3	7.45	42.9	8.14	48.2	9.63	53.4	11.2
	31	27.2	4.74	32.5	5.92	37.7	7.23	40.3	7.94	42.9	8.68	48.2	10.3	52.6	11.7
	33	27.2	5.03	32.5	6.29	37.7	7.70	40.3	8.46	42.9	9.25	48.2	11.0	51.8	12.1
	35	27.2	5.33	32.5	6.68	37.7	8.19	40.3	9.00	42.9	9.86	48.2	11.7	51.0	12.5
	37	27.2	5.65	32.5	7.09	37.7	8.71	40.3	9.58	42.9	10.5	48.2	12.4	50.1	13.0
	39	27.2	5.99	32.5	7.53	37.7	9.26	40.3	10.2	42.9	11.2	48.2	13.3	49.3	13.4
70% (315)	10	23.8	3.01	28.4	3.57	33.0	4.17	35.3	4.48	37.6	4.80	42.2	5.45	46.8	6.13
	12	23.8	3.05	28.4	3.63	33.0	4.24	35.3	4.56	37.6	4.88	42.2	5.55	46.8	6.25
	14	23.8	3.10	28.4	3.69	33.0	4.31	35.3	4.64	37.6	4.97	42.2	5.66	46.8	6.36
	16	23.8	3.15	28.4	3.75	33.0	4.39	35.3	4.72	37.6	5.07	42.2	5.77	46.8	6.49
	18	23.8	3.20	28.4	3.82	33.0	4.47	35.3	4.81	37.6	5.16	42.2	5.88	46.8	6.62
	20	23.8	3.26	28.4	3.89	33.0	4.56	35.3	4.91	37.6	5.26	42.2	5.99	46.8	6.80
	21	23.8	3.29	28.4	3.92	33.0	4.60	35.3	4.95	37.6	5.31	42.2	6.09	46.8	7.04
	23	23.8	3.34	28.4	4.00	33.0	4.70	35.3	5.12	37.6	5.57	42.2	6.52	46.8	7.54
	25	23.8	3.40	28.4	4.16	33.0	5.01	35.3	5.47	37.6	5.95	42.2	6.97	46.8	8.07
	27	23.8	3.60	28.4	4.42	33.0	5.34	35.3	5.83	37.6	6.34	42.2	7.44	46.8	8.62
	29	23.8	3.82	28.4	4.70	33.0	5.68	35.3	6.21	37.6	6.76	42.2	7.94	46.8	9.21
	31	23.8	4.05	28.4	4.99	33.0	6.04	35.3	6.61	37.6	7.20	42.2	8.46	46.8	9.82
	33	23.8	4.29	28.4	5.30	33.0	6.42	35.3	7.03	37.6	7.66	42.2	9.02	46.8	10.5
	35	23.8	4.54	28.4	5.62	33.0	6.83	35.3	7.47	37.6	8.15	42.2	9.60	46.8	11.2
	37	23.8	4.81	28.4	5.96	33.0	7.25	35.3	7.94	37.6	8.67	42.2	10.2	46.8	11.9
	39	23.8	5.09	28.4	6.32	33.0	7.70	35.3	8.44	37.6	9.22	42.2	10.9	46.8	12.7
60% (270)	10	20.4	2.62	24.3	3.07	28.3	3.55	30.2	3.81	32.2	4.06	36.1	4.60	40.1	5.15
	12	20.4	2.65	24.3	3.12	28.3	3.61	30.2	3.87	32.2	4.13	36.1	4.68	40.1	5.25
	14	20.4	2.69	24.3	3.17	28.3	3.67	30.2	3.94	32.2	4.21	36.1	4.76	40.1	5.34
	16	20.4	2.73	24.3	3.22	28.3	3.74	30.2	4.01	32.2	4.28	36.1	4.85	40.1	5.44
	18	20.4	2.78	24.3	3.27	28.3	3.80	30.2	4.08	32.2	4.36	36.1	4.94	40.1	5.55
	20	20.4	2.82	24.3	3.33	28.3	3.87	30.2	4.15	32.2	4.44	36.1	5.04	40.1	5.66
	21	20.4	2.84	24.3	3.36	28.3	3.91	30.2	4.19	32.2	4.48	36.1	5.09	40.1	5.71
	23	20.4	2.89	24.3	3.42	28.3	3.98	30.2	4.27	32.2	4.57	36.1	5.29	40.1	6.07
	25	20.4	2.94	24.3	3.48	28.3	4.13	30.2	4.49	32.2	4.86	36.1	5.65	40.1	6.49
	27	20.4	3.04	24.3	3.69	28.3	4.40	30.2	4.78	32.2	5.18	36.1	6.02	40.1	6.93
	29	20.4	3.22	24.3	3.91	28.3	4.68	30.2	5.08	32.2	5.51	36.1	6.41	40.1	7.39
	31	20.4	3.41	24.3	4.15	28.3	4.97	30.2	5.40	32.2	5.86	36.1	6.83	40.1	7.87
	33	20.4	3.61	24.3	4.40	28.3	5.27	30.2	5.74	32.2	6.23	36.1	7.27	40.1	8.38
	35	20.4	3.82	24.3	4.66	28.3	5.59	30.2	6.09	32.2	6.61	36.1	7.73	40.1	8.92
	37	20.4	4.04	24.3	4.94	28.3	5.93	30.2	6.46	32.2	7.02	36.1	8.21	40.1	9.50
	39	20.4	4.26	24.3	5.22	28.3	6.29	30.2	6.86	32.2	7.46	36.1	8.73	40.1	10.1
50% (225)	10	17.0	2.25	20.3	2.60	23.6	2.98	25.2	3.17	26.8	3.38	30.1	3.79	33.4	4.22
	12	17.0	2.28	20.3	2.64	23.6	3.02	25.2	3.22	26.8	3.43	30.1	3.85	33.4	4.30
	14	17.0	2.31	20.3	2.68	23.6	3.07	25.2	3.28	26.8	3.49	30.1	3.92	33.4	4.37
	16	17.0	2.34	20.3	2.72	23.6	3.12	25.2	3.33	26.8	3.54	30.1	3.99	33.4	4.45
	18	17.0	2.37	20.3	2.76	23.6	3.17	25.2	3.39	26.8	3.61	30.1	4.06	33.4	4.53
	20	17.0	2.41	20.3	2.80	23.6	3.22	25.2	3.44	26.8	3.67	30.1	4.14	33.4	4.62
	21	17.0	2.42	20.3	2.83	23.6	3.25	25.2	3.47	26.8	3.70	30.1	4.17	33.4	4.66
	23	17.0	2.46	20.3	2.87	23.6	3.31	25.2	3.54	26.8	3.77	30.1	4.25	33.4	4.77
	25	17.0	2.50	20.3	2.92	23.6	3.37	25.2	3.61	26.8	3.88	30.1	4.47	33.4	5.09
	27	17.0	2.54	20.3	3.02	23.6	3.55	25.2	3.84	26.8	4.13	30.1	4.76	33.4	5.42
	29	17.0	2.68	20.3	3.20	23.6	3.77	25.2	4.07	26.8	4.39	30.1	5.06	33.4	5.77
	31	17.0	2.84	20.3	3.39	23.6	4.00	25.2	4.32	26.8	4.66	30.1	5.38	33.4	6.14
	33	17.0	3.00	20.3	3.59	23.6	4.24	25.2	4.58	26.8	4.94	30.1	5.71	33.4	6.53
	35	17.0	3.16	20.3	3.79	23.6	4.49	25.2	4.86	26.8	5.24	30.1	6.06	33.4	6.94
	37	17.0	3.33	20.3	4.01	23.6	4.75	25.2	5.14	26.8	5.56	30.1	6.43	33.4	7.37
	39	17.0	3.52	20.3	4.23	23.6	5.02	25.2	5.45	26.8	5.89	30.1	6.82	33.4	7.83

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ20TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	49.0	6.55	58.5	8.01	67.9	9.53	70.4	9.73	71.3	9.53	73.1	9.13	74.8	8.72
	12	49.0	6.67	58.5	8.16	67.9	9.71	69.5	9.68	70.4	9.48	72.2	9.07	73.9	8.93
	14	49.0	6.79	58.5	8.32	67.7	9.83	68.6	9.63	69.5	9.43	71.2	9.35	73.0	9.44
	16	49.0	6.92	58.5	8.48	66.8	9.79	67.7	9.72	68.6	9.76	70.3	9.86	72.1	9.95
	18	49.0	7.06	58.5	8.65	65.9	10.2	66.8	10.2	67.7	10.3	69.4	10.4	71.2	10.5
	20	49.0	7.20	58.5	9.21	65.0	10.7	65.9	10.7	66.7	10.8	68.5	10.9	70.3	11.0
	21	49.0	7.40	58.5	9.55	64.5	10.9	65.4	11.0	66.3	11.0	68.1	11.1	69.8	11.2
	23	49.0	7.92	58.5	10.2	63.6	11.4	64.5	11.5	65.4	11.5	67.1	11.6	68.9	11.8
	25	49.0	8.47	58.5	11.0	62.7	11.9	63.6	12.0	64.5	12.0	66.2	12.1	68.0	12.3
	27	49.0	9.05	58.5	11.7	61.8	12.4	62.7	12.5	63.6	12.5	65.3	12.7	67.1	12.8
	29	49.0	9.66	58.5	12.5	60.9	12.9	61.8	13.0	62.6	13.0	64.4	13.2	66.2	13.3
	31	49.0	10.3	58.2	13.3	60.0	13.4	60.9	13.5	61.7	13.6	63.5	13.7	65.3	13.8
	33	49.0	11.0	57.3	13.8	59.1	13.9	59.9	14.0	60.8	14.1	62.6	14.2	64.4	14.4
	35	49.0	11.7	56.4	14.3	58.2	14.4	59.0	14.5	59.9	14.6	61.7	14.8	63.5	14.9
	37	49.0	12.5	55.5	14.8	57.2	14.9	58.1	15.0	59.0	15.1	60.8	15.3	62.6	15.5
	39	49.0	13.3	54.6	15.3	56.3	15.5	57.2	15.5	58.1	15.6	59.9	15.8	61.6	16.0
120% (600)	10	45.3	5.98	54.0	7.31	62.7	8.69	67.1	9.39	70.2	9.78	71.8	9.42	73.4	9.04
	12	45.3	6.09	54.0	7.44	62.7	8.85	67.1	9.57	69.3	9.73	70.9	9.36	72.5	8.98
	14	45.3	6.20	54.0	7.58	62.7	9.02	67.1	9.75	68.4	9.68	70.0	9.30	71.6	9.37
	16	45.3	6.32	54.0	7.73	62.7	9.20	66.6	9.82	67.4	9.70	69.1	9.79	70.7	9.88
	18	45.3	6.44	54.0	7.89	62.7	9.51	65.7	10.2	66.5	10.2	68.2	10.3	69.8	10.4
	20	45.3	6.57	54.0	8.20	62.7	10.2	64.8	10.6	65.6	10.7	67.3	10.8	68.9	10.9
	21	45.3	6.64	54.0	8.49	62.7	10.6	64.4	10.9	65.2	10.9	66.8	11.0	68.4	11.1
	23	45.3	7.09	54.0	9.10	62.6	11.3	63.4	11.4	64.3	11.4	65.9	11.6	67.5	11.7
	25	45.3	7.57	54.0	9.73	61.7	11.8	62.5	11.9	63.4	11.9	65.0	12.1	66.6	12.2
	27	45.3	8.08	54.0	10.4	60.8	12.3	61.6	12.4	62.4	12.4	64.1	12.6	65.7	12.7
	29	45.3	8.62	54.0	11.1	59.9	12.8	60.7	12.9	61.5	13.0	63.2	13.1	64.8	13.2
	31	45.3	9.19	54.0	11.9	59.0	13.3	59.8	13.4	60.6	13.5	62.3	13.6	63.9	13.7
	33	45.3	9.79	54.0	12.7	58.1	13.8	58.9	13.9	59.7	14.0	61.4	14.1	63.0	14.3
	35	45.3	10.4	54.0	13.5	57.2	14.3	58.0	14.4	58.8	14.5	60.4	14.6	62.1	14.8
	37	45.3	11.1	54.0	14.4	56.3	14.8	57.1	14.9	57.9	15.0	59.5	15.2	61.2	15.3
	39	45.3	11.8	53.7	15.2	55.4	15.4	56.2	15.4	57.0	15.5	58.6	15.7	60.3	15.9
110% (550)	10	41.5	5.43	49.5	6.61	57.5	7.85	61.5	8.49	65.5	9.13	70.6	9.70	72.1	9.36
	12	41.5	5.53	49.5	6.74	57.5	8.00	61.5	8.65	65.5	9.31	69.6	9.65	71.1	9.31
	14	41.5	5.63	49.5	6.86	57.5	8.16	61.5	8.82	65.5	9.49	68.7	9.60	70.2	9.30
	16	41.5	5.73	49.5	7.00	57.5	8.31	61.5	8.99	65.5	9.67	67.8	9.72	69.3	9.80
	18	41.5	5.84	49.5	7.13	57.5	8.48	61.5	9.23	65.4	10.1	66.9	10.2	68.4	10.3
	20	41.5	5.96	49.5	7.28	57.5	8.98	61.5	9.92	64.5	10.6	66.0	10.7	67.5	10.8
	21	41.5	6.02	49.5	7.50	57.5	9.30	61.5	10.3	64.1	10.9	65.6	11.0	67.1	11.1
	23	41.5	6.30	49.5	8.03	57.5	9.97	61.5	11.0	63.1	11.4	64.6	11.5	66.1	11.6
	25	41.5	6.72	49.5	8.58	57.5	10.7	61.5	11.8	62.2	11.9	63.7	12.0	65.2	12.1
	27	41.5	7.17	49.5	9.17	57.5	11.4	60.6	12.3	61.3	12.4	62.8	12.5	64.3	12.6
	29	41.5	7.65	49.5	9.79	57.5	12.2	59.7	12.8	60.4	12.9	61.9	13.0	63.4	13.1
	31	41.5	8.14	49.5	10.4	57.5	13.0	58.8	13.3	59.5	13.4	61.0	13.5	62.5	13.6
	33	41.5	8.67	49.5	11.1	57.1	13.7	57.9	13.8	58.6	13.9	60.1	14.0	61.6	14.1
	35	41.5	9.22	49.5	11.9	56.2	14.2	56.9	14.3	57.7	14.4	59.2	14.5	60.7	14.7
	37	41.5	9.80	49.5	12.6	55.3	14.7	56.0	14.8	56.8	14.9	58.3	15.0	59.8	15.2
	39	41.5	10.4	49.5	13.4	54.4	15.3	55.1	15.3	55.9	15.4	57.4	15.6	58.9	15.7
100% (500)	10	37.7	4.90	45.0	5.94	52.3	7.04	55.9	7.60	59.5	8.18	66.8	9.35	70.7	9.67
	12	37.7	4.98	45.0	6.05	52.3	7.17	55.9	7.75	59.5	8.33	66.8	9.53	69.8	9.62
	14	37.7	5.07	45.0	6.16	52.3	7.31	55.9	7.89	59.5	8.49	66.8	9.71	68.8	9.57
	16	37.7	5.17	45.0	6.28	52.3	7.45	55.9	8.05	59.5	8.66	66.6	9.83	67.9	9.73
	18	37.7	5.26	45.0	6.40	52.3	7.59	55.9	8.21	59.5	8.83	65.7	10.2	67.0	10.2
	20	37.7	5.36	45.0	6.53	52.3	7.82	55.9	8.62	59.5	9.46	64.8	10.6	66.1	10.7
	21	37.7	5.41	45.0	6.59	52.3	8.10	55.9	8.93	59.5	9.80	64.3	10.9	65.7	11.0
	23	37.7	5.56	45.0	7.03	52.3	8.68	55.9	9.57	59.5	10.5	63.4	11.4	64.8	11.5
	25	37.7	5.93	45.0	7.51	52.3	9.28	55.9	10.2	59.5	11.3	62.5	11.9	63.8	12.0
	27	37.7	6.32	45.0	8.02	52.3	9.92	55.9	11.0	59.5	12.0	61.6	12.4	62.9	12.5
	29	37.7	6.73	45.0	8.55	52.3	10.6	55.9	11.7	59.3	12.8	60.7	12.9	62.0	13.0
	31	37.7	7.16	45.0	9.11	52.3	11.3	55.9	12.5	58.4	13.3	59.8	13.4	61.1	13.5
	33	37.7	7.61	45.0	9.70	52.3	12.1	55.9	13.3	57.5	13.8	58.9	13.9	60.2	14.0
	35	37.7	8.09	45.0	10.3	52.3	12.8	55.9	14.2	56.6	14.3	57.9	14.4	59.3	14.5
	37	37.7	8.60	45.0	11.0	52.3	13.7	55.0	14.7	55.7	14.8	57.0	14.9	58.4	15.1
	39	37.7	9.13	45.0	11.7	52.3	14.6	54.1	15.2	54.8	15.3	56.1	15.4	57.5	15.6
90% (450)	10	33.9	4.39	40.5	5.29	47.0	6.24	50.3	6.74	53.6	7.24	60.1	8.27	66.7	9.33
	12	33.9	4.46	40.5	5.38	47.0	6.36	50.3	6.86	53.6	7.38	60.1	8.43	66.7	9.50
	14	33.9	4.54	40.5	5.48	47.0	6.48	50.3	6.99	53.6	7.52	60.1	8.59	66.7	9.68
	16	33.9	4.62	40.5	5.58	47.0	6.60	50.3	7.13	53.6	7.66	60.1	8.76	66.6	9.84
	18	33.9	4.70	40.5	5.69	47.0	6.73	50.3	7.27	53.6	7.82	60.1	8.94	65.6	10.1
	20	33.9	4.79	40.5	5.80	47.0	6.86	50.3	7.41	53.6	8.11	60.1	9.60	64.7	10.6
	21	33.9	4.83	40.5	5.85	47.0	6.98	50.3	7.67	53.6	8.40	60.1	9.95	64.3	10.9
	23	33.9	4.92	40.5	6.10	47.0	7.47	50.3	8.22	53.6	9.00	60.1	10.7	63.4	11.4
	25	33.9	5.18	40.5	6.51	47.0	7.99	50.3	8.79	53.6	9.63	60.1	11.4	62.5	11.9
	27	33.9	5.52	40.5	6.94	47.0	8.53	50.3	9.39	53.6	10.3	60.1	12.2	61.6	12.4
	29	33.9	5.87	40.5	7.40	47.0	9.10	50.3	10.0	53.6	11.0	59.4	12.8	60.6	12.9
	31	33.9	6.24	40.5	7.87	47.0	9.70	50.3	10.7	53.6	11.7	58.5	13.3	59.7	13.4
	33	33.9	6.63	40.5	8.38	47.0	10.3	50.3	11.4	53.6	12.5	57.6	13.8	58.8	13.9
	35	33.9	7.04	40.5	8.91	47.0	11.0	50.3	12.1	53.6	13.3	56.7	14.3	57.9	14.4
	37	33.9	7.47	40.5	9.47	47.0	11.7	50.3	12.9	53.6	14.2	55.8	14.8	57.0	14.9
	39	33.9	7.93	40.5	10.1	47.0	12.5	50.3	13.8	53.6	15.1	54.9	15.3	56.1	15.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	30.2	3.89	36.0	4.66	41.8	5.48	44.7	5.90	47.6	6.33	53.5	7.22	59.3	8.14
	12	30.2	3.96	36.0	4.74	41.8	5.57	44.7	6.01	47.6	6.45	53.5	7.36	59.3	8.29
	14	30.2	4.02	36.0	4.82	41.8	5.68	44.7	6.12	47.6	6.57	53.5	7.50	59.3	8.45
	16	30.2	4.09	36.0	4.91	41.8	5.78	44.7	6.23	47.6	6.70	53.5	7.64	59.3	8.61
	18	30.2	4.16	36.0	5.00	41.8	5.89	44.7	6.35	47.6	6.83	53.5	7.79	59.3	8.78
	20	30.2	4.23	36.0	5.09	41.8	6.01	44.7	6.48	47.6	6.96	53.5	8.08	59.3	9.40
	21	30.2	4.27	36.0	5.14	41.8	6.07	44.7	6.54	47.6	7.10	53.5	8.37	59.3	9.73
	23	30.2	4.35	36.0	5.24	41.8	6.36	44.7	6.97	47.6	7.61	53.5	8.96	59.3	10.4
	25	30.2	4.49	36.0	5.58	41.8	6.79	44.7	7.45	47.6	8.13	53.5	9.59	59.3	11.2
	27	30.2	4.78	36.0	5.95	41.8	7.25	44.7	7.95	47.6	8.68	53.5	10.3	59.3	12.0
	29	30.2	5.08	36.0	6.33	41.8	7.72	44.7	8.48	47.6	9.27	53.5	11.0	59.3	12.8
	31	30.2	5.39	36.0	6.73	41.8	8.23	44.7	9.03	47.6	9.88	53.5	11.7	58.3	13.3
	33	30.2	5.72	36.0	7.15	41.8	8.76	44.7	9.62	47.6	10.5	53.5	12.5	57.4	13.8
	35	30.2	6.07	36.0	7.60	41.8	9.31	44.7	10.2	47.6	11.2	53.5	13.3	56.5	14.3
	37	30.2	6.43	36.0	8.07	41.8	9.91	44.7	10.9	47.6	11.9	53.5	14.2	55.6	14.8
	39	30.2	6.81	36.0	8.57	41.8	10.5	44.7	11.6	47.6	12.7	53.5	15.1	54.7	15.3
70% (350)	10	26.4	3.42	31.5	4.06	36.6	4.74	39.1	5.09	41.7	5.46	46.8	6.20	51.9	6.98
	12	26.4	3.47	31.5	4.13	36.6	4.82	39.1	5.18	41.7	5.55	46.8	6.32	51.9	7.11
	14	26.4	3.53	31.5	4.20	36.6	4.91	39.1	5.28	41.7	5.66	46.8	6.44	51.9	7.24
	16	26.4	3.59	31.5	4.27	36.6	5.00	39.1	5.37	41.7	5.76	46.8	6.56	51.9	7.38
	18	26.4	3.64	31.5	4.34	36.6	5.09	39.1	5.48	41.7	5.87	46.8	6.69	51.9	7.53
	20	26.4	3.71	31.5	4.42	36.6	5.18	39.1	5.58	41.7	5.99	46.8	6.82	51.9	7.74
	21	26.4	3.74	31.5	4.46	36.6	5.23	39.1	5.63	41.7	6.04	46.8	6.93	51.9	8.01
	23	26.4	3.80	31.5	4.55	36.6	5.34	39.1	5.83	41.7	6.33	46.8	7.41	51.9	8.58
	25	26.4	3.87	31.5	4.73	36.6	5.70	39.1	6.22	41.7	6.76	46.8	7.93	51.9	9.18
	27	26.4	4.09	31.5	5.03	36.6	6.07	39.1	6.63	41.7	7.22	46.8	8.46	51.9	9.81
	29	26.4	4.34	31.5	5.35	36.6	6.46	39.1	7.06	41.7	7.69	46.8	9.03	51.9	10.5
	31	26.4	4.60	31.5	5.68	36.6	6.88	39.1	7.52	41.7	8.19	46.8	9.63	51.9	11.2
	33	26.4	4.88	31.5	6.03	36.6	7.31	39.1	8.00	41.7	8.72	46.8	10.3	51.9	11.9
	35	26.4	5.17	31.5	6.40	36.6	7.77	39.1	8.50	41.7	9.27	46.8	10.9	51.9	12.7
	37	26.4	5.47	31.5	6.78	36.6	8.25	39.1	9.04	41.7	9.86	46.8	11.6	51.9	13.5
	39	26.4	5.79	31.5	7.19	36.6	8.76	39.1	9.60	41.7	10.5	46.8	12.4	51.9	14.4
60% (300)	10	22.6	2.98	27.0	3.49	31.4	4.04	33.5	4.33	35.7	4.62	40.1	5.23	44.4	5.86
	12	22.6	3.02	27.0	3.55	31.4	4.11	33.5	4.40	35.7	4.70	40.1	5.32	44.4	5.97
	14	22.6	3.06	27.0	3.60	31.4	4.18	33.5	4.48	35.7	4.79	40.1	5.42	44.4	6.08
	16	22.6	3.11	27.0	3.66	31.4	4.25	33.5	4.56	35.7	4.87	40.1	5.52	44.4	6.19
	18	22.6	3.16	27.0	3.72	31.4	4.33	33.5	4.64	35.7	4.96	40.1	5.62	44.4	6.31
	20	22.6	3.21	27.0	3.79	31.4	4.40	33.5	4.72	35.7	5.05	40.1	5.73	44.4	6.44
	21	22.6	3.23	27.0	3.82	31.4	4.44	33.5	4.77	35.7	5.10	40.1	5.79	44.4	6.50
	23	22.6	3.28	27.0	3.89	31.4	4.53	33.5	4.86	35.7	5.20	40.1	6.02	44.4	6.91
	25	22.6	3.34	27.0	3.96	31.4	4.70	33.5	5.11	35.7	5.53	40.1	6.42	44.4	7.38
	27	22.6	3.46	27.0	4.19	31.4	5.00	33.5	5.44	35.7	5.89	40.1	6.85	44.4	7.88
	29	22.6	3.67	27.0	4.45	31.4	5.32	33.5	5.78	35.7	6.27	40.1	7.30	44.4	8.41
	31	22.6	3.88	27.0	4.72	31.4	5.65	33.5	6.15	35.7	6.66	40.1	7.77	44.4	8.96
	33	22.6	4.11	27.0	5.01	31.4	6.00	33.5	6.53	35.7	7.08	40.1	8.27	44.4	9.54
	35	22.6	4.34	27.0	5.30	31.4	6.36	33.5	6.93	35.7	7.52	40.1	8.79	44.4	10.2
	37	22.6	4.59	27.0	5.61	31.4	6.75	33.5	7.35	35.7	7.99	40.1	9.34	44.4	10.8
	39	22.6	4.85	27.0	5.94	31.4	7.15	33.5	7.80	35.7	8.48	40.1	9.93	44.4	11.5
50% (250)	10	18.9	2.56	22.5	2.96	26.1	3.39	27.9	3.61	29.8	3.84	33.4	4.31	37.0	4.80
	12	18.9	2.59	22.5	3.00	26.1	3.44	27.9	3.67	29.8	3.90	33.4	4.39	37.0	4.89
	14	18.9	2.63	22.5	3.05	26.1	3.49	27.9	3.73	29.8	3.97	33.4	4.46	37.0	4.97
	16	18.9	2.66	22.5	3.09	26.1	3.55	27.9	3.79	29.8	4.03	33.4	4.54	37.0	5.06
	18	18.9	2.70	22.5	3.14	26.1	3.61	27.9	3.85	29.8	4.10	33.4	4.62	37.0	5.16
	20	18.9	2.74	22.5	3.19	26.1	3.67	27.9	3.92	29.8	4.17	33.4	4.70	37.0	5.26
	21	18.9	2.76	22.5	3.21	26.1	3.70	27.9	3.95	29.8	4.21	33.4	4.75	37.0	5.31
	23	18.9	2.80	22.5	3.27	26.1	3.76	27.9	4.02	29.8	4.29	33.4	4.84	37.0	5.43
	25	18.9	2.84	22.5	3.32	26.1	3.83	27.9	4.11	29.8	4.42	33.4	5.08	37.0	5.79
	27	18.9	2.89	22.5	3.44	26.1	4.04	27.9	4.36	29.8	4.70	33.4	5.41	37.0	6.17
	29	18.9	3.05	22.5	3.64	26.1	4.29	27.9	4.63	29.8	4.99	33.4	5.75	37.0	6.57
	31	18.9	3.23	22.5	3.86	26.1	4.55	27.9	4.92	29.8	5.30	33.4	6.12	37.0	6.99
	33	18.9	3.41	22.5	4.08	26.1	4.82	27.9	5.21	29.8	5.63	33.4	6.50	37.0	7.43
	35	18.9	3.60	22.5	4.31	26.1	5.10	27.9	5.53	29.8	5.96	33.4	6.90	37.0	7.90
	37	18.9	3.79	22.5	4.56	26.1	5.40	27.9	5.85	29.8	6.32	33.4	7.32	37.0	8.39
	39	18.9	4.00	22.5	4.82	26.1	5.72	27.9	6.20	29.8	6.70	33.4	7.76	37.0	8.91

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ22TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (715)	10	54.7	7.41	65.3	9.08	75.8	10.8	78.6	11.0	79.6	10.8	81.6	10.3	83.5	9.88
	12	54.7	7.55	65.3	9.25	75.8	11.0	77.6	11.0	78.6	10.7	80.5	10.3	82.5	10.1
	14	54.7	7.69	65.3	9.42	75.6	11.1	76.6	10.9	77.5	10.7	79.5	10.6	81.5	10.7
	16	54.7	7.84	65.3	9.61	74.6	11.1	75.5	11.0	76.5	11.1	78.5	11.2	80.5	11.3
	18	54.7	8.00	65.3	9.80	73.5	11.5	74.5	11.6	75.5	11.6	77.5	11.7	79.5	11.8
	20	54.7	8.16	65.3	10.4	72.5	12.1	73.5	12.1	74.5	12.2	76.5	12.3	78.5	12.4
	21	54.7	8.38	65.3	10.8	72.0	12.4	73.0	12.4	74.0	12.5	76.0	12.6	77.9	12.7
	23	54.7	8.98	65.3	11.6	71.0	12.9	72.0	13.0	73.0	13.0	75.0	13.2	76.9	13.3
	25	54.7	9.60	65.3	12.4	70.0	13.5	71.0	13.6	72.0	13.6	73.9	13.8	75.9	13.9
	27	54.7	10.3	65.3	13.3	69.0	14.0	70.0	14.1	70.9	14.2	72.9	14.3	74.9	14.5
	29	54.7	10.9	65.3	14.2	68.0	14.6	68.9	14.7	69.9	14.8	71.9	14.9	73.9	15.1
	31	54.7	11.7	65.0	15.0	66.9	15.2	67.9	15.3	68.9	15.4	70.9	15.5	72.9	15.7
	33	54.7	12.4	64.0	15.6	65.9	15.8	66.9	15.9	67.9	15.9	69.9	16.1	71.9	16.3
	35	54.7	13.3	62.9	16.2	64.9	16.3	65.9	16.4	66.9	16.5	68.9	16.7	70.8	16.9
	37	54.7	14.1	61.9	16.7	63.9	16.9	64.9	17.0	65.9	17.1	67.9	17.3	69.8	17.5
	39	54.7	15.0	60.9	17.3	62.9	17.5	63.9	17.6	64.9	17.7	66.8	17.9	68.8	18.1
120% (660)	10	50.5	6.77	60.3	8.28	70.0	9.84	74.9	10.6	78.3	11.1	80.2	10.7	82.0	10.2
	12	50.5	6.90	60.3	8.43	70.0	10.0	74.9	10.8	77.3	11.0	79.1	10.6	81.0	10.2
	14	50.5	7.03	60.3	8.59	70.0	10.2	74.9	11.0	76.3	11.0	78.1	10.5	79.9	10.6
	16	50.5	7.16	60.3	8.76	70.0	10.4	74.4	11.1	75.3	11.0	77.1	11.1	78.9	11.2
	18	50.5	7.30	60.3	8.93	70.0	10.8	73.4	11.5	74.3	11.6	76.1	11.7	77.9	11.8
	20	50.5	7.44	60.3	9.29	70.0	11.6	72.3	12.1	73.3	12.1	75.1	12.2	76.9	12.3
	21	50.5	7.52	60.3	9.62	70.0	12.0	71.8	12.3	72.8	12.4	74.6	12.5	76.4	12.6
	23	50.5	8.03	60.3	10.3	69.9	12.8	70.8	12.9	71.7	13.0	73.6	13.1	75.4	13.2
	25	50.5	8.58	60.3	11.0	68.9	13.4	69.8	13.5	70.7	13.5	72.5	13.7	74.4	13.8
	27	50.5	9.16	60.3	11.8	67.9	14.0	68.8	14.0	69.7	14.1	71.5	14.2	73.4	14.4
	29	50.5	9.77	60.3	12.6	66.9	14.5	67.8	14.6	68.7	14.7	70.5	14.8	72.3	15.0
	31	50.5	10.4	60.3	13.4	65.9	15.1	66.8	15.2	67.7	15.3	69.5	15.4	71.3	15.6
	33	50.5	11.1	60.3	14.3	64.8	15.7	65.7	15.7	66.7	15.8	68.5	16.0	70.3	16.2
	35	50.5	11.8	60.3	15.3	63.8	16.2	64.7	16.3	65.6	16.4	67.5	16.6	69.3	16.8
	37	50.5	12.6	60.3	16.3	62.8	16.8	63.7	16.9	64.6	17.0	66.5	17.2	68.3	17.4
	39	50.5	13.4	60.0	17.2	61.8	17.4	62.7	17.5	63.6	17.6	65.4	17.8	67.3	18.0
110% (605)	10	46.3	6.15	55.2	7.49	64.2	8.90	68.6	9.62	73.1	10.3	78.8	11.0	80.4	10.6
	12	46.3	6.26	55.2	7.63	64.2	9.06	68.6	9.80	73.1	10.5	77.7	10.9	79.4	10.5
	14	46.3	6.38	55.2	7.77	64.2	9.24	68.6	9.99	73.1	10.7	76.7	10.9	78.4	10.5
	16	46.3	6.50	55.2	7.92	64.2	9.42	68.6	10.2	73.1	11.0	75.7	11.0	77.4	11.1
	18	46.3	6.62	55.2	8.08	64.2	9.60	68.6	10.5	73.0	11.5	74.7	11.6	76.4	11.7
	20	46.3	6.75	55.2	8.24	64.2	10.2	68.6	11.2	72.0	12.0	73.7	12.1	75.4	12.2
	21	46.3	6.81	55.2	8.49	64.2	10.5	68.6	11.6	71.5	12.3	73.2	12.4	74.8	12.5
	23	46.3	7.13	55.2	9.09	64.2	11.3	68.6	12.5	70.5	12.9	72.2	13.0	73.8	13.1
	25	46.3	7.62	55.2	9.72	64.2	12.1	68.6	13.4	69.5	13.4	71.2	13.6	72.8	13.7
	27	46.3	8.13	55.2	10.4	64.2	12.9	67.6	13.9	68.5	14.0	70.1	14.1	71.8	14.3
	29	46.3	8.66	55.2	11.1	64.2	13.8	66.6	14.5	67.4	14.6	69.1	14.7	70.8	14.8
	31	46.3	9.22	55.2	11.8	64.2	14.8	65.6	15.1	66.4	15.1	68.1	15.3	69.8	15.4
	33	46.3	9.82	55.2	12.6	63.7	15.6	64.6	15.6	65.4	15.7	67.1	15.9	68.8	16.0
	35	46.3	10.4	55.2	13.4	62.7	16.1	63.6	16.2	64.4	16.3	66.1	16.4	67.7	16.6
	37	46.3	11.1	55.2	14.3	61.7	16.7	62.6	16.8	63.4	16.9	65.1	17.0	66.7	17.2
	39	46.3	11.8	55.2	15.2	60.7	17.3	61.5	17.4	62.4	17.5	64.0	17.6	65.7	17.8
100% (550)	10	42.1	5.55	50.2	6.73	58.3	7.97	62.4	8.61	66.5	9.26	74.6	10.6	78.9	11.0
	12	42.1	5.65	50.2	6.85	58.3	8.12	62.4	8.77	66.5	9.44	74.6	10.8	77.9	10.9
	14	42.1	5.75	50.2	6.98	58.3	8.28	62.4	8.94	66.5	9.62	74.6	11.0	76.9	10.8
	16	42.1	5.85	50.2	7.11	58.3	8.44	62.4	9.12	66.5	9.81	74.3	11.1	75.8	11.0
	18	42.1	5.96	50.2	7.25	58.3	8.60	62.4	9.30	66.5	10.0	73.3	11.5	74.8	11.6
	20	42.1	6.07	50.2	7.39	58.3	8.86	62.4	9.76	66.5	10.7	72.3	12.1	73.8	12.1
	21	42.1	6.13	50.2	7.46	58.3	9.18	62.4	10.1	66.5	11.1	71.8	12.3	73.3	12.4
	23	42.1	6.29	50.2	7.96	58.3	9.83	62.4	10.8	66.5	11.9	70.8	12.9	72.3	13.0
	25	42.1	6.71	50.2	8.51	58.3	10.5	62.4	11.6	66.5	12.7	69.8	13.5	71.3	13.6
	27	42.1	7.16	50.2	9.08	58.3	11.2	62.4	12.4	66.5	13.6	68.7	14.0	70.3	14.1
	29	42.1	7.62	50.2	9.68	58.3	12.0	62.4	13.3	66.2	14.5	67.7	14.6	69.2	14.7
	31	42.1	8.11	50.2	10.3	58.3	12.8	62.4	14.2	65.2	15.0	66.7	15.2	68.2	15.3
	33	42.1	8.62	50.2	11.0	58.3	13.7	62.4	15.1	64.2	15.6	65.7	15.7	67.2	15.9
	35	42.1	9.17	50.2	11.7	58.3	14.6	62.4	16.1	63.2	16.2	64.7	16.3	66.2	16.5
	37	42.1	9.74	50.2	12.5	58.3	15.5	61.4	16.7	62.1	16.7	63.7	16.9	65.2	17.0
	39	42.1	10.3	50.2	13.2	58.3	16.5	60.4	17.2	61.1	17.3	62.6	17.5	64.2	17.6
90% (495)	10	37.9	4.97	45.2	5.99	52.5	7.07	56.2	7.63	59.8	8.20	67.1	9.37	74.4	10.6
	12	37.9	5.05	45.2	6.10	52.5	7.20	56.2	7.77	59.8	8.36	67.1	9.55	74.4	10.8
	14	37.9	5.14	45.2	6.21	52.5	7.34	56.2	7.92	59.8	8.52	67.1	9.73	74.4	11.0
	16	37.9	5.23	45.2	6.32	52.5	7.48	56.2	8.07	59.8	8.68	67.1	9.92	74.3	11.1
	18	37.9	5.32	45.2	6.44	52.5	7.62	56.2	8.23	59.8	8.85	67.1	10.1	73.3	11.5
	20	37.9	5.42	45.2	6.57	52.5	7.77	56.2	8.40	59.8	9.18	67.1	10.9	72.3	12.1
	21	37.9	5.47	45.2	6.63	52.5	7.91	56.2	8.69	59.8	9.51	67.1	11.3	71.8	12.3
	23	37.9	5.58	45.2	6.90	52.5	8.46	56.2	9.31	59.8	10.2	67.1	12.1	70.7	12.9
	25	37.9	5.87	45.2	7.37	52.5	9.05	56.2	9.95	59.8	10.9	67.1	12.9	69.7	13.5
	27	37.9	6.25	45.2	7.86	52.5	9.66	56.2	10.6	59.8	11.7	67.1	13.8	68.7	14.0
	29	37.9	6.65	45.2	8.38	52.5	10.3	56.2	11.4	59.8	12.5	66.3	14.5	67.7	14.6
	31	37.9	7.07	45.2	8.92	52.5	11.0	56.2	12.1	59.8	13.3	65.3	15.1	66.7	15.2
	33	37.9	7.51	45.2	9.49	52.5	11.7	56.2	12.9	59.8	14.2	64.3	15.6	65.7	15.7
	35	37.9	7.98	45.2	10.1	52.5	12.5	56.2	13.8	59.8	15.1	63.3	16.2	64.6	16.3
	37	37.9	8.46	45.2	10.7	52.5	13.3	56.2	14.7	59.8	16.1	62.3	16.8	63.6	16.9
	39	37.9	8.98	45.2	11.4	52.5	14.1	56.2	15.6	59.8	17.2	61.3	17.3	62.6	17.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (440)	10	33.7	4.41	40.2	5.28	46.7	6.20	49.9	6.68	53.2	7.17	59.7	8.18	66.2	9.22
	12	33.7	4.48	40.2	5.37	46.7	6.31	49.9	6.80	53.2	7.31	59.7	8.33	66.2	9.39
	14	33.7	4.55	40.2	5.46	46.7	6.43	49.9	6.93	53.2	7.44	59.7	8.49	66.2	9.57
	16	33.7	4.63	40.2	5.56	46.7	6.55	49.9	7.06	53.2	7.59	59.7	8.66	66.2	9.76
	18	33.7	4.71	40.2	5.66	46.7	6.67	49.9	7.20	53.2	7.73	59.7	8.83	66.2	9.95
	20	33.7	4.79	40.2	5.77	46.7	6.80	49.9	7.34	53.2	7.89	59.7	9.15	66.2	10.6
	21	33.7	4.84	40.2	5.83	46.7	6.87	49.9	7.41	53.2	8.05	59.7	9.48	66.2	11.0
	23	33.7	4.93	40.2	5.94	46.7	7.20	49.9	7.89	53.2	8.61	59.7	10.2	66.2	11.8
	25	33.7	5.09	40.2	6.32	46.7	7.69	49.9	8.43	53.2	9.21	59.7	10.9	66.2	12.7
	27	33.7	5.41	40.2	6.73	46.7	8.21	49.9	9.00	53.2	9.84	59.7	11.6	66.2	13.5
	29	33.7	5.75	40.2	7.17	46.7	8.75	49.9	9.60	53.2	10.5	59.7	12.4	66.1	14.5
	31	33.7	6.11	40.2	7.62	46.7	9.32	49.9	10.2	53.2	11.2	59.7	13.2	65.1	15.0
	33	33.7	6.48	40.2	8.10	46.7	9.92	49.9	10.9	53.2	11.9	59.7	14.1	64.1	15.6
	35	33.7	6.87	40.2	8.61	46.7	10.6	49.9	11.6	53.2	12.7	59.7	15.1	63.1	16.2
	37	33.7	7.28	40.2	9.14	46.7	11.2	49.9	12.3	53.2	13.5	59.7	16.0	62.1	16.7
	39	33.7	7.72	40.2	9.71	46.7	11.9	49.9	13.1	53.2	14.4	59.7	17.1	61.1	17.3
70% (385)	10	29.5	3.88	35.2	4.60	40.8	5.37	43.7	5.77	46.5	6.18	52.2	7.03	57.9	7.90
	12	29.5	3.94	35.2	4.68	40.8	5.46	43.7	5.87	46.5	6.29	52.2	7.16	57.9	8.05
	14	29.5	4.00	35.2	4.75	40.8	5.56	43.7	5.98	46.5	6.41	52.2	7.29	57.9	8.20
	16	29.5	4.06	35.2	4.84	40.8	5.66	43.7	6.09	46.5	6.53	52.2	7.43	57.9	8.36
	18	29.5	4.13	35.2	4.92	40.8	5.76	43.7	6.20	46.5	6.65	52.2	7.57	57.9	8.53
	20	29.5	4.20	35.2	5.01	40.8	5.87	43.7	6.32	46.5	6.78	52.2	7.73	57.9	8.76
	21	29.5	4.23	35.2	5.06	40.8	5.93	43.7	6.38	46.5	6.85	52.2	7.85	57.9	9.07
	23	29.5	4.31	35.2	5.15	40.8	6.05	43.7	6.60	46.5	7.17	52.2	8.40	57.9	9.72
	25	29.5	4.38	35.2	5.35	40.8	6.45	43.7	7.04	46.5	7.66	52.2	8.98	57.9	10.4
	27	29.5	4.63	35.2	5.70	40.8	6.88	43.7	7.51	46.5	8.17	52.2	9.59	57.9	11.1
	29	29.5	4.92	35.2	6.06	40.8	7.32	43.7	8.00	46.5	8.71	52.2	10.2	57.9	11.9
	31	29.5	5.22	35.2	6.43	40.8	7.79	43.7	8.52	46.5	9.28	52.2	10.9	57.9	12.7
	33	29.5	5.53	35.2	6.83	40.8	8.28	43.7	9.06	46.5	9.87	52.2	11.6	57.9	13.5
	35	29.5	5.85	35.2	7.25	40.8	8.80	43.7	9.63	46.5	10.5	52.2	12.4	57.9	14.4
	37	29.5	6.20	35.2	7.68	40.8	9.34	43.7	10.2	46.5	11.2	52.2	13.2	57.9	15.3
	39	29.5	6.56	35.2	8.15	40.8	9.92	43.7	10.9	46.5	11.9	52.2	14.0	57.9	16.3
60% (330)	10	25.3	3.37	30.1	3.96	35.0	4.58	37.4	4.90	39.9	5.24	44.7	5.93	49.6	6.64
	12	25.3	3.42	30.1	4.02	35.0	4.66	37.4	4.99	39.9	5.33	44.7	6.03	49.6	6.76
	14	25.3	3.47	30.1	4.08	35.0	4.73	37.4	5.07	39.9	5.42	44.7	6.14	49.6	6.88
	16	25.3	3.52	30.1	4.15	35.0	4.81	37.4	5.16	39.9	5.52	44.7	6.25	49.6	7.01
	18	25.3	3.58	30.1	4.22	35.0	4.90	37.4	5.25	39.9	5.62	44.7	6.37	49.6	7.15
	20	25.3	3.63	30.1	4.29	35.0	4.99	37.4	5.35	39.9	5.72	44.7	6.49	49.6	7.29
	21	25.3	3.66	30.1	4.33	35.0	5.03	37.4	5.40	39.9	5.78	44.7	6.56	49.6	7.36
	23	25.3	3.72	30.1	4.40	35.0	5.13	37.4	5.50	39.9	5.89	44.7	6.81	49.6	7.83
	25	25.3	3.78	30.1	4.48	35.0	5.33	37.4	5.78	39.9	6.26	44.7	7.27	49.6	8.36
	27	25.3	3.92	30.1	4.75	35.0	5.67	37.4	6.16	39.9	6.67	44.7	7.76	49.6	8.93
	29	25.3	4.15	30.1	5.04	35.0	6.02	37.4	6.55	39.9	7.10	44.7	8.27	49.6	9.52
	31	25.3	4.40	30.1	5.35	35.0	6.40	37.4	6.96	39.9	7.55	44.7	8.80	49.6	10.1
	33	25.3	4.65	30.1	5.67	35.0	6.79	37.4	7.39	39.9	8.02	44.7	9.36	49.6	10.8
	35	25.3	4.92	30.1	6.01	35.0	7.21	37.4	7.85	39.9	8.52	44.7	9.96	49.6	11.5
	37	25.3	5.20	30.1	6.36	35.0	7.64	37.4	8.33	39.9	9.05	44.7	10.6	49.6	12.2
	39	25.3	5.49	30.1	6.73	35.0	8.10	37.4	8.84	39.9	9.61	44.7	11.2	49.6	13.0
50% (275)	10	21.1	2.90	25.1	3.35	29.2	3.84	31.2	4.09	33.2	4.35	37.3	4.89	41.3	5.44
	12	21.1	2.94	25.1	3.40	29.2	3.90	31.2	4.15	33.2	4.42	37.3	4.97	41.3	5.54
	14	21.1	2.97	25.1	3.45	29.2	3.96	31.2	4.22	33.2	4.49	37.3	5.05	41.3	5.63
	16	21.1	3.02	25.1	3.50	29.2	4.02	31.2	4.29	33.2	4.57	37.3	5.14	41.3	5.74
	18	21.1	3.06	25.1	3.56	29.2	4.09	31.2	4.36	33.2	4.65	37.3	5.23	41.3	5.84
	20	21.1	3.10	25.1	3.61	29.2	4.16	31.2	4.44	33.2	4.73	37.3	5.33	41.3	5.95
	21	21.1	3.12	25.1	3.64	29.2	4.19	31.2	4.48	33.2	4.77	37.3	5.38	41.3	6.01
	23	21.1	3.17	25.1	3.70	29.2	4.26	31.2	4.56	33.2	4.86	37.3	5.48	41.3	6.15
	25	21.1	3.22	25.1	3.76	29.2	4.34	31.2	4.65	33.2	5.01	37.3	5.76	41.3	6.56
	27	21.1	3.27	25.1	3.90	29.2	4.58	31.2	4.94	33.2	5.32	37.3	6.13	41.3	6.99
	29	21.1	3.46	25.1	4.13	29.2	4.86	31.2	5.25	33.2	5.66	37.3	6.52	41.3	7.44
	31	21.1	3.66	25.1	4.37	29.2	5.15	31.2	5.57	33.2	6.01	37.3	6.93	41.3	7.92
	33	21.1	3.86	25.1	4.62	29.2	5.46	31.2	5.91	33.2	6.37	37.3	7.36	41.3	8.42
	35	21.1	4.07	25.1	4.89	29.2	5.78	31.2	6.26	33.2	6.76	37.3	7.81	41.3	8.94
	37	21.1	4.30	25.1	5.17	29.2	6.12	31.2	6.63	33.2	7.16	37.3	8.29	41.3	9.50
	39	21.1	4.53	25.1	5.46	29.2	6.47	31.2	7.02	33.2	7.59	37.3	8.79	41.3	10.1

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ24TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (780)	10	59.7	8.37	71.1	10.2	82.6	12.2	85.6	12.4	86.7	12.2	88.9	11.7	91.0	11.2
	12	59.7	8.53	71.1	10.4	82.6	12.4	84.5	12.4	85.6	12.1	87.8	11.6	89.9	11.4
	14	59.7	8.69	71.1	10.6	82.4	12.6	83.4	12.3	84.5	12.1	86.7	12.0	88.8	12.1
	16	59.7	8.85	71.1	10.8	81.2	12.5	82.3	12.4	83.4	12.5	85.6	12.6	87.7	12.7
	18	59.7	9.03	71.1	11.1	80.1	13.0	81.2	13.1	82.3	13.1	84.4	13.3	86.6	13.4
	20	59.7	9.21	71.1	11.8	79.0	13.6	80.1	13.7	81.2	13.8	83.3	13.9	85.5	14.0
	21	59.7	9.46	71.1	12.2	78.5	13.9	79.6	14.0	80.6	14.1	82.8	14.2	84.9	14.4
	23	59.7	10.1	71.1	13.1	77.4	14.6	78.5	14.7	79.5	14.7	81.7	14.9	83.8	15.0
	25	59.7	10.8	71.1	14.0	76.3	15.2	77.3	15.3	78.4	15.4	80.6	15.5	82.7	15.7
	27	59.7	11.6	71.1	15.0	75.2	15.9	76.2	15.9	77.3	16.0	79.5	16.2	81.6	16.4
	29	59.7	12.4	71.1	16.0	74.1	16.5	75.1	16.6	76.2	16.7	78.4	16.9	80.5	17.0
	31	59.7	13.2	70.8	17.0	73.0	17.1	74.0	17.2	75.1	17.3	77.3	17.5	79.4	17.7
	33	59.7	14.0	69.7	17.6	71.8	17.8	72.9	17.9	74.0	18.0	76.2	18.2	78.3	18.4
	35	59.7	15.0	68.6	18.2	70.7	18.4	71.8	18.6	72.9	18.7	75.0	18.9	77.2	19.1
	37	59.7	15.9	67.5	18.9	69.6	19.1	70.7	19.2	71.8	19.3	73.9	19.5	76.1	19.8
	39	59.7	17.0	66.4	19.5	68.5	19.8	69.6	19.9	70.7	20.0	72.8	20.2	75.0	20.5
120% (720)	10	55.1	7.65	65.7	9.34	76.3	11.1	81.6	12.0	85.4	12.5	87.4	12.0	89.3	11.6
	12	55.1	7.79	65.7	9.52	76.3	11.3	81.6	12.2	84.3	12.4	86.2	12.0	88.2	11.5
	14	55.1	7.93	65.7	9.70	76.3	11.5	81.6	12.5	83.2	12.4	85.1	11.9	87.1	12.0
	16	55.1	8.08	65.7	9.89	76.3	11.8	81.1	12.6	82.0	12.4	84.0	12.5	86.0	12.6
	18	55.1	8.24	65.7	10.1	76.3	12.2	79.9	13.0	80.9	13.0	82.9	13.2	84.9	13.3
	20	55.1	8.40	65.7	10.5	76.3	13.1	78.8	13.6	79.8	13.7	81.8	13.8	83.8	13.9
	21	55.1	8.49	65.7	10.9	76.3	13.5	78.3	13.9	79.3	14.0	81.3	14.1	83.3	14.3
	23	55.1	9.06	65.7	11.6	76.2	14.5	77.2	14.6	78.2	14.6	80.2	14.8	82.1	14.9
	25	55.1	9.68	65.7	12.4	75.1	15.1	76.1	15.2	77.1	15.3	79.1	15.4	81.0	15.6
	27	55.1	10.3	65.7	13.3	74.0	15.8	75.0	15.8	76.0	15.9	78.0	16.1	79.9	16.2
	29	55.1	11.0	65.7	14.2	72.9	16.4	73.9	16.5	74.9	16.6	76.8	16.7	78.8	16.9
	31	55.1	11.8	65.7	15.2	71.8	17.0	72.8	17.1	73.7	17.2	75.7	17.4	77.7	17.6
	33	55.1	12.5	65.7	16.2	70.7	17.7	71.6	17.8	72.6	17.9	74.6	18.1	76.6	18.2
	35	55.1	13.3	65.7	17.3	69.6	18.3	70.5	18.4	71.5	18.5	73.5	18.7	75.5	18.9
	37	55.1	14.2	65.7	18.4	68.4	19.0	69.4	19.1	70.4	19.2	72.4	19.4	74.4	19.6
	39	55.1	15.1	65.4	19.4	67.3	19.6	68.3	19.7	69.3	19.8	71.3	20.1	73.3	20.3
110% (660)	10	50.5	6.95	60.2	8.46	69.9	10.0	74.8	10.9	79.7	11.7	85.8	12.4	87.7	12.0
	12	50.5	7.07	60.2	8.62	69.9	10.2	74.8	11.1	79.7	11.9	84.7	12.3	86.5	11.9
	14	50.5	7.20	60.2	8.78	69.9	10.4	74.8	11.3	79.7	12.1	83.6	12.3	85.4	11.9
	16	50.5	7.33	60.2	8.95	69.9	10.6	74.8	11.5	79.7	12.4	82.5	12.4	84.3	12.5
	18	50.5	7.47	60.2	9.12	69.9	10.8	74.8	11.8	79.6	13.0	81.4	13.1	83.2	13.2
	20	50.5	7.62	60.2	9.30	69.9	11.5	74.8	12.7	78.5	13.6	80.3	13.7	82.1	13.8
	21	50.5	7.69	60.2	9.59	69.9	11.9	74.8	13.2	77.9	13.9	79.7	14.0	81.6	14.1
	23	50.5	8.05	60.2	10.3	69.9	12.8	74.8	14.1	76.8	14.5	78.6	14.7	80.5	14.8
	25	50.5	8.60	60.2	11.0	69.9	13.7	74.8	15.1	75.7	15.2	77.5	15.3	79.4	15.4
	27	50.5	9.17	60.2	11.7	69.9	14.6	73.7	15.7	74.6	15.8	76.4	16.0	78.2	16.1
	29	50.5	9.78	60.2	12.5	69.9	15.6	72.6	16.4	73.5	16.5	75.3	16.6	77.1	16.8
	31	50.5	10.4	60.2	13.4	69.9	16.7	71.5	17.0	72.4	17.1	74.2	17.3	76.0	17.4
	33	50.5	11.1	60.2	14.2	69.5	17.6	70.4	17.7	71.3	17.7	73.1	17.9	74.9	18.1
	35	50.5	11.8	60.2	15.2	68.4	18.2	69.3	18.3	70.2	18.4	72.0	18.6	73.8	18.7
	37	50.5	12.5	60.2	16.1	67.3	18.9	68.2	19.0	69.1	19.0	70.9	19.2	72.7	19.4
	39	50.5	13.3	60.2	17.2	66.1	19.5	67.1	19.6	68.0	19.7	69.8	19.9	71.6	20.1
100% (600)	10	45.9	6.26	54.7	7.60	63.6	9.00	68.0	9.72	72.4	10.5	81.3	12.0	86.0	12.4
	12	45.9	6.37	54.7	7.74	63.6	9.17	68.0	9.91	72.4	10.7	81.3	12.2	84.9	12.3
	14	45.9	6.49	54.7	7.88	63.6	9.34	68.0	10.1	72.4	10.9	81.3	12.4	83.8	12.2
	16	45.9	6.61	54.7	8.03	63.6	9.52	68.0	10.3	72.4	11.1	81.0	12.6	82.6	12.4
	18	45.9	6.73	54.7	8.18	63.6	9.71	68.0	10.5	72.4	11.3	79.9	13.0	81.5	13.1
	20	45.9	6.86	54.7	8.34	63.6	10.0	68.0	11.0	72.4	12.1	78.8	13.6	80.4	13.7
	21	45.9	6.92	54.7	8.43	63.6	10.4	68.0	11.4	72.4	12.5	78.2	13.9	79.9	14.0
	23	45.9	7.11	54.7	8.99	63.6	11.1	68.0	12.2	72.4	13.4	77.1	14.6	78.8	14.7
	25	45.9	7.58	54.7	9.60	63.6	11.9	68.0	13.1	72.4	14.4	76.0	15.2	77.7	15.3
	27	45.9	8.08	54.7	10.3	63.6	12.7	68.0	14.0	72.4	15.4	74.9	15.8	76.6	16.0
	29	45.9	8.60	54.7	10.9	63.6	13.5	68.0	15.0	72.1	16.3	73.8	16.5	75.5	16.6
	31	45.9	9.16	54.7	11.7	63.6	14.5	68.0	16.0	71.0	17.0	72.7	17.1	74.3	17.3
	33	45.9	9.74	54.7	12.4	63.6	15.4	68.0	17.0	69.9	17.6	71.6	17.8	73.2	17.9
	35	45.9	10.3	54.7	13.2	63.6	16.4	68.0	18.2	68.8	18.3	70.5	18.4	72.1	18.6
	37	45.9	11.0	54.7	14.1	63.6	17.5	66.9	18.8	67.7	18.9	69.4	19.1	71.0	19.2
	39	45.9	11.7	54.7	15.0	63.6	18.6	65.8	19.5	66.6	19.6	68.3	19.7	69.9	19.9
90% (540)	10	41.3	5.61	49.3	6.76	57.2	7.98	61.2	8.62	65.2	9.26	73.1	10.6	81.1	11.9
	12	41.3	5.70	49.3	6.88	57.2	8.13	61.2	8.78	65.2	9.44	73.1	10.8	81.1	12.2
	14	41.3	5.80	49.3	7.01	57.2	8.28	61.2	8.94	65.2	9.62	73.1	11.0	81.1	12.4
	16	41.3	5.90	49.3	7.14	57.2	8.44	61.2	9.12	65.2	9.80	73.1	11.2	81.0	12.6
	18	41.3	6.01	49.3	7.27	57.2	8.61	61.2	9.29	65.2	10.0	73.1	11.4	79.9	13.0
	20	41.3	6.12	49.3	7.41	57.2	8.78	61.2	9.48	65.2	10.4	73.1	12.3	78.7	13.6
	21	41.3	6.18	49.3	7.49	57.2	8.93	61.2	9.81	65.2	10.7	73.1	12.7	78.2	13.9
	23	41.3	6.30	49.3	7.80	57.2	9.56	61.2	10.5	65.2	11.5	73.1	13.6	77.1	14.6
	25	41.3	6.63	49.3	8.32	57.2	10.2	61.2	11.2	65.2	12.3	73.1	14.6	76.0	15.2
	27	41.3	7.06	49.3	8.88	57.2	10.9	61.2	12.0	65.2	13.2	73.1	15.6	74.9	15.8
	29	41.3	7.51	49.3	9.46	57.2	11.6	61.2	12.8	65.2	14.1	72.3	16.4	73.8	16.5
	31	41.3	7.98	49.3	10.1	57.2	12.4	61.2	13.7	65.2	15.0	71.2	17.0	72.7	17.1
	33	41.3	8.48	49.3	10.7	57.2	13.2	61.2	14.6	65.2	16.0	70.1	17.6	71.6	17.8
	35	41.3	9.00	49.3	11.4	57.2	14.1	61.2	15.5	65.2	17.1	69.0	18.3	70.5	18.4
	37	41.3	9.56	49.3	12.1	57.2	15.0	61.2	16.5	65.2	18.2	67.9	18.9	69.3	19.1
	39	41.3	10.1	49.3	12.9	57.2	16.0	61.2	17.6	65.2	19.4	66.8	19.6	68.2	19.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (480)	10	36.7	4.98	43.8	5.96	50.9	7.00	54.4	7.54	57.9	8.10	65.0	9.24	72.1	10.4
	12	36.7	5.06	43.8	6.06	50.9	7.13	54.4	7.68	57.9	8.25	65.0	9.41	72.1	10.6
	14	36.7	5.14	43.8	6.17	50.9	7.26	54.4	7.82	57.9	8.40	65.0	9.59	72.1	10.8
	16	36.7	5.23	43.8	6.28	50.9	7.39	54.4	7.97	57.9	8.56	65.0	9.78	72.1	11.0
	18	36.7	5.32	43.8	6.40	50.9	7.54	54.4	8.13	57.9	8.73	65.0	9.97	72.1	11.2
	20	36.7	5.41	43.8	6.52	50.9	7.68	54.4	8.29	57.9	8.90	65.0	10.3	72.1	12.0
	21	36.7	5.46	43.8	6.58	50.9	7.76	54.4	8.37	57.9	9.09	65.0	10.7	72.1	12.4
	23	36.7	5.56	43.8	6.70	50.9	8.13	54.4	8.91	57.9	9.73	65.0	11.5	72.1	13.3
	25	36.7	5.74	43.8	7.14	50.9	8.69	54.4	9.52	57.9	10.4	65.0	12.3	72.1	14.3
	27	36.7	6.11	43.8	7.60	50.9	9.27	54.4	10.2	57.9	11.1	65.0	13.1	72.1	15.3
	29	36.7	6.49	43.8	8.09	50.9	9.88	54.4	10.8	57.9	11.8	65.0	14.0	72.1	16.3
	31	36.7	6.89	43.8	8.61	50.9	10.5	54.4	11.6	57.9	12.6	65.0	14.9	71.0	17.0
	33	36.7	7.31	43.8	9.15	50.9	11.2	54.4	12.3	57.9	13.5	65.0	15.9	69.9	17.6
	35	36.7	7.76	43.8	9.72	50.9	11.9	54.4	13.1	57.9	14.3	65.0	17.0	68.8	18.3
	37	36.7	8.22	43.8	10.3	50.9	12.7	54.4	13.9	57.9	15.3	65.0	18.1	67.7	18.9
	39	36.7	8.71	43.8	11.0	50.9	13.5	54.4	14.8	57.9	16.2	65.0	19.3	66.6	19.5
70% (420)	10	32.1	4.38	38.3	5.19	44.5	6.06	47.6	6.52	50.7	6.98	56.9	7.93	63.1	8.92
	12	32.1	4.44	38.3	5.28	44.5	6.17	47.6	6.63	50.7	7.10	56.9	8.08	63.1	9.09
	14	32.1	4.51	38.3	5.37	44.5	6.28	47.6	6.75	50.7	7.23	56.9	8.23	63.1	9.26
	16	32.1	4.59	38.3	5.46	44.5	6.39	47.6	6.87	50.7	7.37	56.9	8.39	63.1	9.44
	18	32.1	4.66	38.3	5.56	44.5	6.51	47.6	7.00	50.7	7.51	56.9	8.55	63.1	9.63
	20	32.1	4.74	38.3	5.66	44.5	6.63	47.6	7.14	50.7	7.66	56.9	8.72	63.1	9.89
	21	32.1	4.78	38.3	5.71	44.5	6.69	47.6	7.21	50.7	7.73	56.9	8.86	63.1	10.2
	23	32.1	4.86	38.3	5.81	44.5	6.83	47.6	7.45	50.7	8.10	56.9	9.48	63.1	11.0
	25	32.1	4.95	38.3	6.05	44.5	7.29	47.6	7.95	50.7	8.65	56.9	10.1	63.1	11.7
	27	32.1	5.23	38.3	6.43	44.5	7.76	47.6	8.48	50.7	9.23	56.9	10.8	63.1	12.5
	29	32.1	5.55	38.3	6.84	44.5	8.27	47.6	9.03	50.7	9.84	56.9	11.5	63.1	13.4
	31	32.1	5.89	38.3	7.26	44.5	8.79	47.6	9.61	50.7	10.5	56.9	12.3	63.1	14.3
	33	32.1	6.24	38.3	7.71	44.5	9.35	47.6	10.2	50.7	11.1	56.9	13.1	63.1	15.2
	35	32.1	6.61	38.3	8.18	44.5	9.93	47.6	10.9	50.7	11.9	56.9	14.0	63.1	16.2
	37	32.1	6.99	38.3	8.68	44.5	10.5	47.6	11.6	50.7	12.6	56.9	14.9	63.1	17.3
	39	32.1	7.40	38.3	9.20	44.5	11.2	47.6	12.3	50.7	13.4	56.9	15.8	63.1	18.4
60% (360)	10	27.5	3.81	32.8	4.47	38.1	5.17	40.8	5.54	43.5	5.91	48.8	6.69	54.1	7.49
	12	27.5	3.86	32.8	4.54	38.1	5.26	40.8	5.63	43.5	6.01	48.8	6.81	54.1	7.63
	14	27.5	3.92	32.8	4.61	38.1	5.34	40.8	5.73	43.5	6.12	48.8	6.93	54.1	7.77
	16	27.5	3.98	32.8	4.68	38.1	5.44	40.8	5.83	43.5	6.23	48.8	7.06	54.1	7.92
	18	27.5	4.04	32.8	4.76	38.1	5.53	40.8	5.93	43.5	6.34	48.8	7.19	54.1	8.07
	20	27.5	4.10	32.8	4.84	38.1	5.63	40.8	6.04	43.5	6.46	48.8	7.33	54.1	8.23
	21	27.5	4.13	32.8	4.88	38.1	5.68	40.8	6.10	43.5	6.52	48.8	7.40	54.1	8.31
	23	27.5	4.20	32.8	4.97	38.1	5.79	40.8	6.21	43.5	6.65	48.8	7.69	54.1	8.84
	25	27.5	4.27	32.8	5.06	38.1	6.01	40.8	6.53	43.5	7.07	48.8	8.21	54.1	9.44
	27	27.5	4.43	32.8	5.36	38.1	6.40	40.8	6.95	43.5	7.53	48.8	8.76	54.1	10.1
	29	27.5	4.69	32.8	5.69	38.1	6.80	40.8	7.39	43.5	8.01	48.8	9.33	54.1	10.7
	31	27.5	4.97	32.8	6.04	38.1	7.23	40.8	7.86	43.5	8.52	48.8	9.93	54.1	11.5
	33	27.5	5.25	32.8	6.40	38.1	7.67	40.8	8.35	43.5	9.06	48.8	10.6	54.1	12.2
	35	27.5	5.55	32.8	6.78	38.1	8.14	40.8	8.86	43.5	9.62	48.8	11.2	54.1	13.0
	37	27.5	5.87	32.8	7.18	38.1	8.63	40.8	9.41	43.5	10.2	48.8	11.9	54.1	13.8
	39	27.5	6.20	32.8	7.60	38.1	9.15	40.8	9.98	43.5	10.8	48.8	12.7	54.1	14.7
50% (300)	10	22.9	3.27	27.4	3.79	31.8	4.33	34.0	4.62	36.2	4.91	40.6	5.52	45.1	6.14
	12	22.9	3.31	27.4	3.84	31.8	4.40	34.0	4.69	36.2	4.99	40.6	5.61	45.1	6.25
	14	22.9	3.36	27.4	3.90	31.8	4.47	34.0	4.77	36.2	5.07	40.6	5.70	45.1	6.36
	16	22.9	3.40	27.4	3.95	31.8	4.54	34.0	4.84	36.2	5.16	40.6	5.80	45.1	6.48
	18	22.9	3.45	27.4	4.02	31.8	4.61	34.0	4.93	36.2	5.25	40.6	5.91	45.1	6.60
	20	22.9	3.50	27.4	4.08	31.8	4.69	34.0	5.01	36.2	5.34	40.6	6.02	45.1	6.72
	21	22.9	3.53	27.4	4.11	31.8	4.73	34.0	5.05	36.2	5.39	40.6	6.07	45.1	6.79
	23	22.9	3.58	27.4	4.18	31.8	4.81	34.0	5.14	36.2	5.48	40.6	6.19	45.1	6.94
	25	22.9	3.63	27.4	4.25	31.8	4.90	34.0	5.25	36.2	5.65	40.6	6.50	45.1	7.40
	27	22.9	3.69	27.4	4.40	31.8	5.17	34.0	5.58	36.2	6.01	40.6	6.92	45.1	7.89
	29	22.9	3.91	27.4	4.66	31.8	5.49	34.0	5.93	36.2	6.39	40.6	7.36	45.1	8.40
	31	22.9	4.13	27.4	4.93	31.8	5.82	34.0	6.29	36.2	6.78	40.6	7.82	45.1	8.94
	33	22.9	4.36	27.4	5.22	31.8	6.16	34.0	6.67	36.2	7.19	40.6	8.31	45.1	9.50
	35	22.9	4.60	27.4	5.52	31.8	6.53	34.0	7.07	36.2	7.63	40.6	8.82	45.1	10.1
	37	22.9	4.85	27.4	5.83	31.8	6.91	34.0	7.48	36.2	8.08	40.6	9.36	45.1	10.7
	39	22.9	5.11	27.4	6.16	31.8	7.31	34.0	7.92	36.2	8.57	40.6	9.93	45.1	11.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ26TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (845)	10	64.5	9.16	76.9	11.2	89.3	13.3	92.6	13.6	93.7	13.3	96.1	12.8	98.4	12.2
	12	64.5	9.33	76.9	11.4	89.3	13.6	91.4	13.6	92.5	13.3	94.9	12.7	97.2	12.5
	14	64.5	9.51	76.9	11.6	89.0	13.8	90.2	13.5	91.3	13.2	93.7	13.1	96.0	13.2
	16	64.5	9.69	76.9	11.9	87.8	13.7	89.0	13.6	90.1	13.7	92.5	13.8	94.8	13.9
	18	64.5	9.88	76.9	12.1	86.6	14.2	87.8	14.3	89.0	14.4	91.3	14.5	93.6	14.6
	20	64.5	10.1	76.9	12.9	85.4	14.9	86.6	15.0	87.8	15.1	90.1	15.2	92.4	15.4
	21	64.5	10.4	76.9	13.4	84.8	15.3	86.0	15.3	87.2	15.4	89.5	15.6	91.8	15.7
	23	64.5	11.1	76.9	14.3	83.6	16.0	84.8	16.0	86.0	16.1	88.3	16.3	90.6	16.4
	25	64.5	11.9	76.9	15.3	82.4	16.7	83.6	16.7	84.8	16.8	87.1	17.0	89.4	17.2
	27	64.5	12.7	76.9	16.4	81.2	17.4	82.4	17.5	83.6	17.5	85.9	17.7	88.2	17.9
	29	64.5	13.5	76.9	17.5	80.0	18.1	81.2	18.2	82.4	18.3	84.7	18.5	87.0	18.6
	31	64.5	14.4	76.5	18.6	78.9	18.8	80.0	18.9	81.2	19.0	83.5	19.2	85.8	19.4
	33	64.5	15.4	75.3	19.3	77.7	19.5	78.8	19.6	80.0	19.7	82.3	19.9	84.6	20.1
	35	64.5	16.4	74.1	20.0	76.5	20.2	77.6	20.3	78.8	20.4	81.1	20.7	83.4	20.9
	37	64.5	17.4	72.9	20.7	75.3	20.9	76.4	21.0	77.6	21.2	79.9	21.4	82.2	21.6
	39	64.5	18.6	71.7	21.4	74.1	21.6	75.2	21.8	76.4	21.9	78.7	22.1	81.0	22.4
120% (780)	10	59.5	8.37	71.0	10.2	82.5	12.2	88.2	13.1	92.3	13.7	94.4	13.2	96.6	12.7
	12	59.5	8.52	71.0	10.4	82.5	12.4	88.2	13.4	91.1	13.6	93.2	13.1	95.4	12.6
	14	59.5	8.68	71.0	10.6	82.5	12.6	88.2	13.6	89.9	13.6	92.0	13.0	94.2	13.1
	16	59.5	8.85	71.0	10.8	82.5	12.9	87.6	13.8	88.7	13.6	90.8	13.7	93.0	13.8
	18	59.5	9.02	71.0	11.0	82.5	13.3	86.4	14.2	87.5	14.3	89.6	14.4	91.8	14.5
	20	59.5	9.20	71.0	11.5	82.5	14.3	85.2	14.9	86.3	15.0	88.4	15.1	90.6	15.2
	21	59.5	9.29	71.0	11.9	82.5	14.8	84.6	15.3	85.7	15.3	87.8	15.5	90.0	15.6
	23	59.5	9.92	71.0	12.7	82.3	15.9	83.4	15.9	84.5	16.0	86.6	16.2	88.8	16.3
	25	59.5	10.6	71.0	13.6	81.2	16.6	82.2	16.6	83.3	16.7	85.5	16.9	87.6	17.0
	27	59.5	11.3	71.0	14.6	80.0	17.3	81.0	17.3	82.1	17.4	84.3	17.6	86.4	17.8
	29	59.5	12.1	71.0	15.6	78.8	18.0	79.8	18.0	80.9	18.1	83.1	18.3	85.2	18.5
	31	59.5	12.9	71.0	16.6	77.6	18.7	78.6	18.8	79.7	18.8	81.9	19.0	84.0	19.2
	33	59.5	13.7	71.0	17.7	76.4	19.4	77.4	19.5	78.5	19.6	80.7	19.8	82.8	20.0
	35	59.5	14.6	71.0	18.9	75.2	20.1	76.2	20.2	77.3	20.3	79.5	20.5	81.6	20.7
	37	59.5	15.5	71.0	20.1	74.0	20.8	75.1	20.9	76.1	21.0	78.3	21.2	80.4	21.4
	39	59.5	16.5	70.6	21.3	72.8	21.5	73.9	21.6	74.9	21.7	77.1	22.0	79.2	22.2
110% (715)	10	54.6	7.60	65.1	9.26	75.6	11.0	80.8	11.9	86.1	12.8	92.8	13.6	94.7	13.1
	12	54.6	7.74	65.1	9.43	75.6	11.2	80.8	12.1	86.1	13.0	91.6	13.5	93.5	13.0
	14	54.6	7.88	65.1	9.61	75.6	11.4	80.8	12.3	86.1	13.3	90.4	13.4	92.3	13.0
	16	54.6	8.03	65.1	9.79	75.6	11.6	80.8	12.6	86.1	13.5	89.2	13.6	91.2	13.7
	18	54.6	8.18	65.1	9.98	75.6	11.9	80.8	12.9	86.0	14.2	88.0	14.3	90.0	14.4
	20	54.6	8.34	65.1	10.2	75.6	12.6	80.8	13.9	84.8	14.9	86.8	15.0	88.8	15.1
	21	54.6	8.42	65.1	10.5	75.6	13.0	80.8	14.4	84.2	15.2	86.2	15.4	88.2	15.5
	23	54.6	8.81	65.1	11.2	75.6	14.0	80.8	15.4	83.0	15.9	85.0	16.1	87.0	16.2
	25	54.6	9.41	65.1	12.0	75.6	14.9	80.8	16.5	81.8	16.6	83.8	16.8	85.8	16.9
	27	54.6	10.0	65.1	12.8	75.6	16.0	79.7	17.2	80.6	17.3	82.6	17.5	84.6	17.6
	29	54.6	10.7	65.1	13.7	75.6	17.1	78.5	17.9	79.4	18.0	81.4	18.2	83.4	18.3
	31	54.6	11.4	65.1	14.6	75.6	18.2	77.3	18.6	78.3	18.7	80.2	18.9	82.2	19.1
	33	54.6	12.1	65.1	15.6	75.1	19.2	76.1	19.3	77.1	19.4	79.0	19.6	81.0	19.8
	35	54.6	12.9	65.1	16.6	73.9	19.9	74.9	20.0	75.9	20.1	77.8	20.3	79.8	20.5
	37	54.6	13.7	65.1	17.7	72.7	20.6	73.7	20.7	74.7	20.8	76.6	21.1	78.6	21.3
	39	54.6	14.6	65.1	18.8	71.5	21.4	72.5	21.5	73.5	21.6	75.4	21.8	77.4	22.0
100% (650)	10	49.6	6.86	59.2	8.32	68.7	9.85	73.5	10.6	78.3	11.4	87.9	13.1	92.9	13.5
	12	49.6	6.98	59.2	8.47	68.7	10.0	73.5	10.8	78.3	11.7	87.9	13.3	91.7	13.5
	14	49.6	7.10	59.2	8.62	68.7	10.2	73.5	11.1	78.3	11.9	87.9	13.6	90.5	13.4
	16	49.6	7.23	59.2	8.79	68.7	10.4	73.5	11.3	78.3	12.1	87.5	13.8	89.3	13.6
	18	49.6	7.36	59.2	8.96	68.7	10.6	73.5	11.5	78.3	12.4	86.3	14.2	88.1	14.3
	20	49.6	7.50	59.2	9.13	68.7	11.0	73.5	12.1	78.3	13.2	85.2	14.9	86.9	15.0
	21	49.6	7.58	59.2	9.23	68.7	11.3	73.5	12.5	78.3	13.7	84.6	15.2	86.3	15.4
	23	49.6	7.78	59.2	9.84	68.7	12.1	73.5	13.4	78.3	14.7	83.4	15.9	85.1	16.1
	25	49.6	8.30	59.2	10.5	68.7	13.0	73.5	14.3	78.3	15.8	82.2	16.6	84.0	16.8
	27	49.6	8.84	59.2	11.2	68.7	13.9	73.5	15.3	78.3	16.9	81.0	17.3	82.8	17.5
	29	49.6	9.42	59.2	12.0	68.7	14.8	73.5	16.4	78.0	17.9	79.8	18.0	81.6	18.2
	31	49.6	10.0	59.2	12.8	68.7	15.8	73.5	17.5	76.8	18.6	78.6	18.7	80.4	18.9
	33	49.6	10.7	59.2	13.6	68.7	16.9	73.5	18.7	75.6	19.3	77.4	19.5	79.2	19.6
	35	49.6	11.3	59.2	14.5	68.7	18.0	73.5	19.9	74.4	20.0	76.2	20.2	78.0	20.3
	37	49.6	12.0	59.2	15.4	68.7	19.2	72.3	20.6	73.2	20.7	75.0	20.9	76.8	21.1
	39	49.6	12.8	59.2	16.4	68.7	20.4	71.1	21.3	72.0	21.4	73.8	21.6	75.6	21.8
90% (585)	10	44.6	6.14	53.2	7.40	61.8	8.74	66.1	9.43	70.5	10.1	79.1	11.6	87.7	13.1
	12	44.6	6.24	53.2	7.53	61.8	8.90	66.1	9.61	70.5	10.3	79.1	11.8	87.7	13.3
	14	44.6	6.35	53.2	7.67	61.8	9.07	66.1	9.79	70.5	10.5	79.1	12.0	87.7	13.6
	16	44.6	6.46	53.2	7.81	61.8	9.24	66.1	9.98	70.5	10.7	79.1	12.3	87.5	13.8
	18	44.6	6.58	53.2	7.96	61.8	9.42	66.1	10.2	70.5	10.9	79.1	12.5	86.3	14.2
	20	44.6	6.70	53.2	8.11	61.8	9.61	66.1	10.4	70.5	11.4	79.1	13.4	85.1	14.9
	21	44.6	6.76	53.2	8.19	61.8	9.77	66.1	10.7	70.5	11.8	79.1	13.9	84.5	15.2
	23	44.6	6.89	53.2	8.53	61.8	10.5	66.1	11.5	70.5	12.6	79.1	14.9	83.3	15.9
	25	44.6	7.26	53.2	9.11	61.8	11.2	66.1	12.3	70.5	13.5	79.1	16.0	82.1	16.6
	27	44.6	7.73	53.2	9.72	61.8	11.9	66.1	13.1	70.5	14.4	79.1	17.1	80.9	17.3
	29	44.6	8.22	53.2	10.4	61.8	12.7	66.1	14.0	70.5	15.4	78.1	17.9	79.7	18.0
	31	44.6	8.74	53.2	11.0	61.8	13.6	66.1	15.0	70.5	16.4	76.9	18.6	78.5	18.7
	33	44.6	9.28	53.2	11.7	61.8	14.5	66.1	16.0	70.5	17.5	75.7	19.3	77.3	19.5
	35	44.6	9.86	53.2	12.5	61.8	15.4	66.1	17.0	70.5	18.7	74.5	20.0	76.1	20.2
	37	44.6	10.5	53.2	13.3	61.8	16.4	66.1	18.1	70.5	19.9	73.3	20.7	75.0	20.9
	39	44.6	11.1	53.2	14.1	61.8	17.5	66.1	19.3	70.5	21.2	72.2	21.4	73.8	21.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (520)	10	39.7	5.45	47.3	6.52	55.0	7.67	58.8	8.26	62.6	8.86	70.3	10.1	77.9	11.4
	12	39.7	5.54	47.3	6.64	55.0	7.80	58.8	8.41	62.6	9.03	70.3	10.3	77.9	11.6
	14	39.7	5.63	47.3	6.75	55.0	7.95	58.8	8.56	62.6	9.20	70.3	10.5	77.9	11.8
	16	39.7	5.72	47.3	6.87	55.0	8.09	58.8	8.73	62.6	9.37	70.3	10.7	77.9	12.1
	18	39.7	5.82	47.3	7.00	55.0	8.25	58.8	8.90	62.6	9.56	70.3	10.9	77.9	12.3
	20	39.7	5.93	47.3	7.13	55.0	8.41	58.8	9.07	62.6	9.75	70.3	11.3	77.9	13.2
	21	39.7	5.98	47.3	7.20	55.0	8.49	58.8	9.16	62.6	9.95	70.3	11.7	77.9	13.6
	23	39.7	6.09	47.3	7.34	55.0	8.90	58.8	9.75	62.6	10.6	70.3	12.5	77.9	14.6
	25	39.7	6.29	47.3	7.81	55.0	9.51	58.8	10.4	62.6	11.4	70.3	13.4	77.9	15.6
	27	39.7	6.69	47.3	8.32	55.0	10.1	58.8	11.1	62.6	12.2	70.3	14.4	77.9	16.7
	29	39.7	7.11	47.3	8.86	55.0	10.8	58.8	11.9	62.6	13.0	70.3	15.3	77.9	17.9
	31	39.7	7.55	47.3	9.42	55.0	11.5	58.8	12.6	62.6	13.8	70.3	16.4	76.7	18.6
	33	39.7	8.01	47.3	10.0	55.0	12.3	58.8	13.5	62.6	14.7	70.3	17.5	75.5	19.3
	35	39.7	8.49	47.3	10.6	55.0	13.0	58.8	14.3	62.6	15.7	70.3	18.6	74.3	20.0
	37	39.7	9.00	47.3	11.3	55.0	13.9	58.8	15.3	62.6	16.7	70.3	19.8	73.1	20.7
	39	39.7	9.54	47.3	12.0	55.0	14.7	58.8	16.2	62.6	17.8	70.3	21.1	71.9	21.4
70% (455)	10	34.7	4.79	41.4	5.69	48.1	6.64	51.4	7.13	54.8	7.64	61.5	8.69	68.2	9.76
	12	34.7	4.86	41.4	5.78	48.1	6.75	51.4	7.26	54.8	7.78	61.5	8.84	68.2	9.95
	14	34.7	4.94	41.4	5.88	48.1	6.87	51.4	7.39	54.8	7.92	61.5	9.01	68.2	10.1
	16	34.7	5.02	41.4	5.98	48.1	6.99	51.4	7.52	54.8	8.07	61.5	9.18	68.2	10.3
	18	34.7	5.10	41.4	6.08	48.1	7.12	51.4	7.66	54.8	8.22	61.5	9.36	68.2	10.5
	20	34.7	5.19	41.4	6.19	48.1	7.26	51.4	7.81	54.8	8.38	61.5	9.55	68.2	10.8
	21	34.7	5.23	41.4	6.25	48.1	7.33	51.4	7.89	54.8	8.46	61.5	9.70	68.2	11.2
	23	34.7	5.32	41.4	6.36	48.1	7.48	51.4	8.16	54.8	8.87	61.5	10.4	68.2	12.0
	25	34.7	5.42	41.4	6.62	48.1	7.98	51.4	8.70	54.8	9.47	61.5	11.1	68.2	12.8
	27	34.7	5.73	41.4	7.04	48.1	8.50	51.4	9.28	54.8	10.1	61.5	11.8	68.2	13.7
	29	34.7	6.08	41.4	7.49	48.1	9.05	51.4	9.89	54.8	10.8	61.5	12.6	68.2	14.7
	31	34.7	6.44	41.4	7.95	48.1	9.62	51.4	10.5	54.8	11.5	61.5	13.5	68.2	15.6
	33	34.7	6.83	41.4	8.44	48.1	10.2	51.4	11.2	54.8	12.2	61.5	14.4	68.2	16.7
	35	34.7	7.23	41.4	8.96	48.1	10.9	51.4	11.9	54.8	13.0	61.5	15.3	68.2	17.8
	37	34.7	7.66	41.4	9.50	48.1	11.5	51.4	12.6	54.8	13.8	61.5	16.3	68.2	18.9
	39	34.7	8.10	41.4	10.1	48.1	12.3	51.4	13.4	54.8	14.7	61.5	17.3	68.2	20.2
60% (390)	10	29.8	4.17	35.5	4.89	41.2	5.66	44.1	6.06	47.0	6.47	52.7	7.32	58.4	8.20
	12	29.8	4.23	35.5	4.97	41.2	5.75	44.1	6.16	47.0	6.58	52.7	7.45	58.4	8.35
	14	29.8	4.29	35.5	5.05	41.2	5.85	44.1	6.27	47.0	6.70	52.7	7.59	58.4	8.51
	16	29.8	4.35	35.5	5.13	41.2	5.95	44.1	6.38	47.0	6.82	52.7	7.73	58.4	8.67
	18	29.8	4.42	35.5	5.21	41.2	6.05	44.1	6.49	47.0	6.94	52.7	7.87	58.4	8.84
	20	29.8	4.49	35.5	5.30	41.2	6.16	44.1	6.61	47.0	7.07	52.7	8.02	58.4	9.01
	21	29.8	4.52	35.5	5.35	41.2	6.22	44.1	6.67	47.0	7.14	52.7	8.10	58.4	9.10
	23	29.8	4.60	35.5	5.44	41.2	6.34	44.1	6.80	47.0	7.28	52.7	8.42	58.4	9.67
	25	29.8	4.68	35.5	5.54	41.2	6.58	44.1	7.15	47.0	7.74	52.7	8.99	58.4	10.3
	27	29.8	4.84	35.5	5.87	41.2	7.00	44.1	7.61	47.0	8.24	52.7	9.59	58.4	11.0
	29	29.8	5.13	35.5	6.23	41.2	7.45	44.1	8.09	47.0	8.77	52.7	10.2	58.4	11.8
	31	29.8	5.44	35.5	6.61	41.2	7.91	44.1	8.60	47.0	9.33	52.7	10.9	58.4	12.5
	33	29.8	5.75	35.5	7.01	41.2	8.39	44.1	9.14	47.0	9.92	52.7	11.6	58.4	13.4
	35	29.8	6.08	35.5	7.42	41.2	8.91	44.1	9.70	47.0	10.5	52.7	12.3	58.4	14.2
	37	29.8	6.43	35.5	7.86	41.2	9.44	44.1	10.3	47.0	11.2	52.7	13.1	58.4	15.1
	39	29.8	6.79	35.5	8.32	41.2	10.0	44.1	10.9	47.0	11.9	52.7	13.9	58.4	16.1
50% (325)	10	24.8	3.58	29.6	4.15	34.4	4.74	36.7	5.06	39.1	5.38	43.9	6.04	48.7	6.73
	12	24.8	3.63	29.6	4.20	34.4	4.82	36.7	5.13	39.1	5.46	43.9	6.14	48.7	6.84
	14	24.8	3.68	29.6	4.27	34.4	4.89	36.7	5.22	39.1	5.55	43.9	6.24	48.7	6.96
	16	24.8	3.73	29.6	4.33	34.4	4.97	36.7	5.30	39.1	5.65	43.9	6.35	48.7	7.09
	18	24.8	3.78	29.6	4.39	34.4	5.05	36.7	5.39	39.1	5.74	43.9	6.47	48.7	7.22
	20	24.8	3.83	29.6	4.46	34.4	5.13	36.7	5.48	39.1	5.84	43.9	6.59	48.7	7.36
	21	24.8	3.86	29.6	4.50	34.4	5.18	36.7	5.53	39.1	5.90	43.9	6.65	48.7	7.43
	23	24.8	3.92	29.6	4.57	34.4	5.27	36.7	5.63	39.1	6.00	43.9	6.77	48.7	7.60
	25	24.8	3.98	29.6	4.65	34.4	5.36	36.7	5.75	39.1	6.19	43.9	7.11	48.7	8.10
	27	24.8	4.04	29.6	4.81	34.4	5.66	36.7	6.11	39.1	6.58	43.9	7.57	48.7	8.64
	29	24.8	4.27	29.6	5.10	34.4	6.01	36.7	6.49	39.1	6.99	43.9	8.05	48.7	9.20
	31	24.8	4.52	29.6	5.40	34.4	6.37	36.7	6.88	39.1	7.42	43.9	8.56	48.7	9.78
	33	24.8	4.77	29.6	5.71	34.4	6.75	36.7	7.30	39.1	7.87	43.9	9.09	48.7	10.4
	35	24.8	5.03	29.6	6.04	34.4	7.14	36.7	7.73	39.1	8.35	43.9	9.65	48.7	11.1
	37	24.8	5.31	29.6	6.38	34.4	7.56	36.7	8.19	39.1	8.85	43.9	10.2	48.7	11.7
	39	24.8	5.60	29.6	6.74	34.4	8.00	36.7	8.67	39.1	9.38	43.9	10.9	48.7	12.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ28TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (910)	10	70.2	10.0	83.7	12.3	97.2	14.6	101	14.9	102	14.6	105	14.0	107	13.4
	12	70.2	10.2	83.7	12.5	97.2	14.9	99.5	14.8	101	14.5	103	13.9	106	13.7
	14	70.2	10.4	83.7	12.8	96.9	15.1	98.2	14.8	99.4	14.4	102	14.3	104	14.5
	16	70.2	10.6	83.7	13.0	95.6	15.0	96.9	14.9	98.1	15.0	101	15.1	103	15.2
	18	70.2	10.8	83.7	13.3	94.3	15.6	95.5	15.6	96.8	15.7	99.4	15.9	102	16.0
	20	70.2	11.0	83.7	14.1	93.0	16.3	94.2	16.4	95.5	16.5	98.1	16.7	101	16.8
	21	70.2	11.3	83.7	14.6	92.3	16.7	93.6	16.8	94.9	16.9	97.4	17.0	99.9	17.2
	23	70.2	12.1	83.7	15.7	91.0	17.5	92.3	17.6	93.6	17.7	96.1	17.8	98.6	18.0
	25	70.2	13.0	83.7	16.8	89.7	18.2	91.0	18.3	92.3	18.4	94.8	18.6	97.3	18.8
	27	70.2	13.9	83.7	18.0	88.4	19.0	89.7	19.1	91.0	19.2	93.5	19.4	96.0	19.6
	29	70.2	14.8	83.7	19.2	87.1	19.8	88.4	19.9	89.7	20.0	92.2	20.2	94.7	20.4
	31	70.2	15.8	83.3	20.3	85.8	20.6	87.1	20.7	88.4	20.8	90.9	21.0	93.4	21.2
	33	70.2	16.8	82.0	21.1	84.5	21.3	85.8	21.4	87.1	21.6	89.6	21.8	92.1	22.0
	35	70.2	17.9	80.7	21.9	83.2	22.1	84.5	22.2	85.8	22.4	88.3	22.6	90.8	22.9
	37	70.2	19.1	79.4	22.6	81.9	22.9	83.2	23.0	84.5	23.2	87.0	23.4	89.5	23.7
	39	70.2	20.3	78.1	23.4	80.6	23.7	81.9	23.8	83.2	24.0	85.7	24.2	88.2	24.5
120% (840)	10	64.8	9.17	77.3	11.2	89.7	13.3	96.0	14.4	100	15.0	103	14.4	105	13.9
	12	64.8	9.33	77.3	11.4	89.7	13.6	96.0	14.7	99.1	14.9	101	14.3	104	13.8
	14	64.8	9.51	77.3	11.6	89.7	13.8	96.0	14.9	97.8	14.8	100	14.3	102	14.4
	16	64.8	9.69	77.3	11.8	89.7	14.1	95.4	15.1	96.5	14.9	98.9	15.0	101	15.1
	18	64.8	9.87	77.3	12.1	89.7	14.6	94.1	15.6	95.2	15.6	97.6	15.8	99.9	15.9
	20	64.8	10.1	77.3	12.6	89.7	15.7	92.8	16.3	93.9	16.4	96.3	16.5	98.6	16.7
	21	64.8	10.2	77.3	13.0	89.7	16.2	92.1	16.7	93.3	16.8	95.6	16.9	97.9	17.1
	23	64.8	10.9	77.3	13.9	89.6	17.4	90.8	17.5	92.0	17.5	94.3	17.7	96.6	17.9
	25	64.8	11.6	77.3	14.9	88.3	18.1	89.5	18.2	90.7	18.3	93.0	18.5	95.3	18.7
	27	64.8	12.4	77.3	15.9	87.0	18.9	88.2	19.0	89.4	19.1	91.7	19.3	94.0	19.5
	29	64.8	13.2	77.3	17.0	85.7	19.7	86.9	19.8	88.1	19.9	90.4	20.1	92.7	20.2
	31	64.8	14.1	77.3	18.2	84.4	20.4	85.6	20.5	86.8	20.6	89.1	20.8	91.4	21.0
	33	64.8	15.0	77.3	19.4	83.1	21.2	84.3	21.3	85.5	21.4	87.8	21.6	90.1	21.9
	35	64.8	16.0	77.3	20.7	81.8	22.0	83.0	22.1	84.2	22.2	86.5	22.4	88.8	22.7
	37	64.8	17.0	77.3	22.0	80.5	22.7	81.7	22.9	82.9	23.0	85.2	23.2	87.5	23.5
	39	64.8	18.1	76.9	23.3	79.2	23.5	80.4	23.7	81.6	23.8	83.9	24.0	86.2	24.3
110% (770)	10	59.4	8.32	70.8	10.1	82.3	12.0	88.0	13.0	93.7	14.0	101	14.9	103	14.3
	12	59.4	8.47	70.8	10.3	82.3	12.3	88.0	13.3	93.7	14.3	99.7	14.8	102	14.3
	14	59.4	8.63	70.8	10.5	82.3	12.5	88.0	13.5	93.7	14.5	98.4	14.7	101	14.3
	16	59.4	8.79	70.8	10.7	82.3	12.7	88.0	13.8	93.7	14.8	97.1	14.9	99.2	15.0
	18	59.4	8.96	70.8	10.9	82.3	13.0	88.0	14.2	93.6	15.5	95.8	15.7	97.9	15.8
	20	59.4	9.13	70.8	11.2	82.3	13.8	88.0	15.2	92.3	16.3	94.5	16.4	96.6	16.6
	21	59.4	9.22	70.8	11.5	82.3	14.3	88.0	15.8	91.7	16.7	93.8	16.8	96.0	17.0
	23	59.4	9.65	70.8	12.3	82.3	15.3	88.0	16.9	90.4	17.4	92.5	17.6	94.7	17.7
	25	59.4	10.3	70.8	13.2	82.3	16.4	88.0	18.1	89.1	18.2	91.2	18.3	93.4	18.5
	27	59.4	11.0	70.8	14.1	82.3	17.5	86.7	18.9	87.8	19.0	89.9	19.1	92.1	19.3
	29	59.4	11.7	70.8	15.0	82.3	18.7	85.4	19.6	86.5	19.7	88.6	19.9	90.8	20.1
	31	59.4	12.5	70.8	16.0	82.3	20.0	84.1	20.4	85.2	20.5	87.3	20.7	89.5	20.9
	33	59.4	13.3	70.8	17.1	81.7	21.1	82.8	21.2	83.9	21.3	86.0	21.5	88.2	21.7
	35	59.4	14.1	70.8	18.2	80.4	21.8	81.5	21.9	82.6	22.0	84.7	22.3	86.9	22.5
	37	59.4	15.0	70.8	19.4	79.1	22.6	80.2	22.7	81.3	22.8	83.4	23.0	85.6	23.3
	39	59.4	16.0	70.8	20.6	77.8	23.4	78.9	23.5	80.0	23.6	82.1	23.8	84.2	24.1
100% (700)	10	54.0	7.51	64.4	9.10	74.8	10.8	80.0	11.7	85.2	12.5	95.6	14.3	101	14.8
	12	54.0	7.64	64.4	9.27	74.8	11.0	80.0	11.9	85.2	12.8	95.6	14.6	99.8	14.7
	14	54.0	7.77	64.4	9.44	74.8	11.2	80.0	12.1	85.2	13.0	95.6	14.9	98.5	14.7
	16	54.0	7.92	64.4	9.62	74.8	11.4	80.0	12.3	85.2	13.3	95.3	15.1	97.2	14.9
	18	54.0	8.06	64.4	9.81	74.8	11.6	80.0	12.6	85.2	13.5	94.0	15.6	95.9	15.7
	20	54.0	8.22	64.4	10.0	74.8	12.0	80.0	13.2	85.2	14.5	92.7	16.3	94.6	16.4
	21	54.0	8.29	64.4	10.1	74.8	12.4	80.0	13.7	85.2	15.0	92.0	16.7	94.0	16.8
	23	54.0	8.51	64.4	10.8	74.8	13.3	80.0	14.7	85.2	16.1	90.7	17.5	92.7	17.6
	25	54.0	9.08	64.4	11.5	74.8	14.2	80.0	15.7	85.2	17.2	89.4	18.2	91.4	18.4
	27	54.0	9.68	64.4	12.3	74.8	15.2	80.0	16.8	85.2	18.4	88.1	19.0	90.1	19.1
	29	54.0	10.3	64.4	13.1	74.8	16.2	80.0	17.9	84.9	19.6	86.8	19.8	88.8	19.9
	31	54.0	11.0	64.4	14.0	74.8	17.3	80.0	19.1	83.6	20.4	85.5	20.5	87.5	20.7
	33	54.0	11.7	64.4	14.9	74.8	18.5	80.0	20.4	82.3	21.1	84.2	21.3	86.2	21.5
	35	54.0	12.4	64.4	15.8	74.8	19.7	80.0	21.8	81.0	21.9	82.9	22.1	84.9	22.3
	37	54.0	13.2	64.4	16.8	74.8	21.0	78.7	22.6	79.7	22.7	81.6	22.9	83.6	23.1
	39	54.0	14.0	64.4	17.9	74.8	22.3	77.4	23.3	78.4	23.4	80.3	23.6	82.3	23.9
90% (630)	10	48.6	6.72	57.9	8.10	67.3	9.57	72.0	10.3	76.7	11.1	86.1	12.7	95.4	14.3
	12	48.6	6.83	57.9	8.25	67.3	9.74	72.0	10.5	76.7	11.3	86.1	12.9	95.4	14.6
	14	48.6	6.95	57.9	8.40	67.3	9.93	72.0	10.7	76.7	11.5	86.1	13.2	95.4	14.8
	16	48.6	7.07	57.9	8.55	67.3	10.1	72.0	10.9	76.7	11.7	86.1	13.4	95.2	15.1
	18	48.6	7.20	57.9	8.72	67.3	10.3	72.0	11.1	76.7	12.0	86.1	13.7	93.9	15.6
	20	48.6	7.33	57.9	8.88	67.3	10.5	72.0	11.4	76.7	12.4	86.1	14.7	92.6	16.3
	21	48.6	7.40	57.9	8.97	67.3	10.7	72.0	11.8	76.7	12.9	86.1	15.2	92.0	16.7
	23	48.6	7.54	57.9	9.34	67.3	11.5	72.0	12.6	76.7	13.8	86.1	16.3	90.7	17.4
	25	48.6	7.94	57.9	9.97	67.3	12.2	72.0	13.5	76.7	14.8	86.1	17.5	89.4	18.2
	27	48.6	8.46	57.9	10.6	67.3	13.1	72.0	14.4	76.7	15.8	86.1	18.7	88.1	19.0
	29	48.6	9.00	57.9	11.3	67.3	13.9	72.0	15.4	76.7	16.8	85.0	19.6	86.8	19.7
	31	48.6	9.57	57.9	12.1	67.3	14.9	72.0	16.4	76.7	18.0	83.7	20.4	85.5	20.5
	33	48.6	10.2	57.9	12.8	67.3	15.8	72.0	17.5	76.7	19.2	82.4	21.1	84.2	21.3
	35	48.6	10.8	57.9	13.7	67.3	16.9	72.0	18.6	76.7	20.4	81.1	21.9	82.9	22.1
	37	48.6	11.5	57.9	14.5	67.3	18.0	72.0	19.8	76.7	21.8	79.8	22.7	81.6	22.9
	39	48.6	12.1	57.9	15.4	67.3	19.1	72.0	21.1	76.7	23.2	78.5	23.5	80.3	23.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (560)	10	43.2	5.97	51.5	7.14	59.8	8.39	64.0	9.04	68.2	9.71	76.5	11.1	84.8	12.5
	12	43.2	6.06	51.5	7.27	59.8	8.54	64.0	9.21	68.2	9.88	76.5	11.3	84.8	12.7
	14	43.2	6.16	51.5	7.39	59.8	8.70	64.0	9.38	68.2	10.1	76.5	11.5	84.8	12.9
	16	43.2	6.27	51.5	7.53	59.8	8.86	64.0	9.55	68.2	10.3	76.5	11.7	84.8	13.2
	18	43.2	6.37	51.5	7.66	59.8	9.03	64.0	9.74	68.2	10.5	76.5	11.9	84.8	13.5
	20	43.2	6.49	51.5	7.81	59.8	9.21	64.0	9.93	68.2	10.7	76.5	12.4	84.8	14.4
	21	43.2	6.55	51.5	7.88	59.8	9.30	64.0	10.0	68.2	10.9	76.5	12.8	84.8	14.9
	23	43.2	6.67	51.5	8.03	59.8	9.75	64.0	10.7	68.2	11.7	76.5	13.7	84.8	16.0
	25	43.2	6.88	51.5	8.55	59.8	10.4	64.0	11.4	68.2	12.5	76.5	14.7	84.8	17.1
	27	43.2	7.32	51.5	9.11	59.8	11.1	64.0	12.2	68.2	13.3	76.5	15.7	84.8	18.3
	29	43.2	7.78	51.5	9.70	59.8	11.8	64.0	13.0	68.2	14.2	76.5	16.8	84.8	19.6
	31	43.2	8.26	51.5	10.3	59.8	12.6	64.0	13.8	68.2	15.1	76.5	17.9	83.5	20.3
	33	43.2	8.77	51.5	11.0	59.8	13.4	64.0	14.7	68.2	16.1	76.5	19.1	82.2	21.1
	35	43.2	9.30	51.5	11.6	59.8	14.3	64.0	15.7	68.2	17.2	76.5	20.4	80.9	21.9
	37	43.2	9.85	51.5	12.4	59.8	15.2	64.0	16.7	68.2	18.3	76.5	21.7	79.6	22.7
	39	43.2	10.4	51.5	13.1	59.8	16.1	64.0	17.8	68.2	19.5	76.5	23.1	78.3	23.4
70% (490)	10	37.8	5.24	45.1	6.22	52.4	7.27	56.0	7.81	59.6	8.36	66.9	9.51	74.2	10.7
	12	37.8	5.33	45.1	6.33	52.4	7.39	56.0	7.95	59.6	8.51	66.9	9.68	74.2	10.9
	14	37.8	5.41	45.1	6.43	52.4	7.52	56.0	8.09	59.6	8.67	66.9	9.86	74.2	11.1
	16	37.8	5.50	45.1	6.54	52.4	7.66	56.0	8.24	59.6	8.83	66.9	10.1	74.2	11.3
	18	37.8	5.59	45.1	6.66	52.4	7.80	56.0	8.39	59.6	9.00	66.9	10.2	74.2	11.5
	20	37.8	5.68	45.1	6.78	52.4	7.95	56.0	8.55	59.6	9.17	66.9	10.5	74.2	11.9
	21	37.8	5.73	45.1	6.84	52.4	8.02	56.0	8.64	59.6	9.26	66.9	10.6	74.2	12.3
	23	37.8	5.83	45.1	6.97	52.4	8.19	56.0	8.93	59.6	9.71	66.9	11.4	74.2	13.1
	25	37.8	5.93	45.1	7.24	52.4	8.73	56.0	9.53	59.6	10.4	66.9	12.1	74.2	14.1
	27	37.8	6.27	45.1	7.71	52.4	9.30	56.0	10.2	59.6	11.1	66.9	13.0	74.2	15.0
	29	37.8	6.65	45.1	8.19	52.4	9.91	56.0	10.8	59.6	11.8	66.9	13.8	74.2	16.1
	31	37.8	7.06	45.1	8.71	52.4	10.5	56.0	11.5	59.6	12.6	66.9	14.8	74.2	17.1
	33	37.8	7.48	45.1	9.24	52.4	11.2	56.0	12.3	59.6	13.4	66.9	15.7	74.2	18.3
	35	37.8	7.92	45.1	9.80	52.4	11.9	56.0	13.0	59.6	14.2	66.9	16.7	74.2	19.5
	37	37.8	8.38	45.1	10.4	52.4	12.6	56.0	13.8	59.6	15.1	66.9	17.8	74.2	20.7
	39	37.8	8.87	45.1	11.0	52.4	13.4	56.0	14.7	59.6	16.1	66.9	19.0	74.2	22.1
60% (420)	10	32.4	4.56	38.6	5.35	44.9	6.20	48.0	6.64	51.1	7.09	57.4	8.02	63.6	8.98
	12	32.4	4.63	38.6	5.44	44.9	6.30	48.0	6.75	51.1	7.21	57.4	8.16	63.6	9.14
	14	32.4	4.70	38.6	5.52	44.9	6.40	48.0	6.86	51.1	7.33	57.4	8.31	63.6	9.31
	16	32.4	4.77	38.6	5.61	44.9	6.51	48.0	6.98	51.1	7.47	57.4	8.46	63.6	9.49
	18	32.4	4.84	38.6	5.71	44.9	6.63	48.0	7.11	51.1	7.60	57.4	8.62	63.6	9.67
	20	32.4	4.91	38.6	5.80	44.9	6.75	48.0	7.24	51.1	7.74	57.4	8.79	63.6	9.86
	21	32.4	4.95	38.6	5.85	44.9	6.81	48.0	7.31	51.1	7.82	57.4	8.87	63.6	9.96
	23	32.4	5.03	38.6	5.96	44.9	6.94	48.0	7.45	51.1	7.97	57.4	9.22	63.6	10.6
	25	32.4	5.12	38.6	6.06	44.9	7.21	48.0	7.82	51.1	8.47	57.4	9.84	63.6	11.3
	27	32.4	5.30	38.6	6.43	44.9	7.67	48.0	8.33	51.1	9.02	57.4	10.5	63.6	12.1
	29	32.4	5.62	38.6	6.82	44.9	8.15	48.0	8.86	51.1	9.60	57.4	11.2	63.6	12.9
	31	32.4	5.95	38.6	7.24	44.9	8.66	48.0	9.42	51.1	10.2	57.4	11.9	63.6	13.7
	33	32.4	6.30	38.6	7.67	44.9	9.19	48.0	10.0	51.1	10.9	57.4	12.7	63.6	14.6
	35	32.4	6.66	38.6	8.13	44.9	9.75	48.0	10.6	51.1	11.5	57.4	13.5	63.6	15.6
	37	32.4	7.03	38.6	8.60	44.9	10.3	48.0	11.3	51.1	12.2	57.4	14.3	63.6	16.6
	39	32.4	7.43	38.6	9.11	44.9	11.0	48.0	12.0	51.1	13.0	57.4	15.2	63.6	17.6
50% (350)	10	27.0	3.92	32.2	4.54	37.4	5.19	40.0	5.53	42.6	5.89	47.8	6.61	53.0	7.36
	12	27.0	3.97	32.2	4.60	37.4	5.27	40.0	5.62	42.6	5.98	47.8	6.72	53.0	7.49
	14	27.0	4.02	32.2	4.67	37.4	5.35	40.0	5.71	42.6	6.08	47.8	6.84	53.0	7.62
	16	27.0	4.08	32.2	4.74	37.4	5.44	40.0	5.81	42.6	6.18	47.8	6.96	53.0	7.76
	18	27.0	4.14	32.2	4.81	37.4	5.53	40.0	5.90	42.6	6.29	47.8	7.08	53.0	7.90
	20	27.0	4.20	32.2	4.89	37.4	5.62	40.0	6.00	42.6	6.40	47.8	7.21	53.0	8.05
	21	27.0	4.23	32.2	4.93	37.4	5.67	40.0	6.06	42.6	6.45	47.8	7.28	53.0	8.13
	23	27.0	4.29	32.2	5.01	37.4	5.77	40.0	6.16	42.6	6.57	47.8	7.42	53.0	8.32
	25	27.0	4.35	32.2	5.09	37.4	5.87	40.0	6.29	42.6	6.77	47.8	7.79	53.0	8.87
	27	27.0	4.42	32.2	5.27	37.4	6.20	40.0	6.69	42.6	7.20	47.8	8.29	53.0	9.46
	29	27.0	4.68	32.2	5.58	37.4	6.58	40.0	7.10	42.6	7.65	47.8	8.82	53.0	10.1
	31	27.0	4.95	32.2	5.91	37.4	6.97	40.0	7.54	42.6	8.13	47.8	9.37	53.0	10.7
	33	27.0	5.22	32.2	6.25	37.4	7.39	40.0	7.99	42.6	8.62	47.8	9.96	53.0	11.4
	35	27.0	5.51	32.2	6.61	37.4	7.82	40.0	8.47	42.6	9.14	47.8	10.6	53.0	12.1
	37	27.0	5.81	32.2	6.99	37.4	8.28	40.0	8.97	42.6	9.69	47.8	11.2	53.0	12.9
	39	27.0	6.13	32.2	7.38	37.4	8.76	40.0	9.50	42.6	10.3	47.8	11.9	53.0	13.6

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ30TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (975)	10	74.6	11.0	88.9	13.5	103	16.0	107	16.4	108	16.0	111	15.3	114	14.7
	12	74.6	11.2	88.9	13.7	103	16.3	106	16.3	107	15.9	110	15.2	112	15.0
	14	74.6	11.4	88.9	14.0	103	16.5	104	16.2	106	15.8	108	15.7	111	15.9
	16	74.6	11.6	88.9	14.3	102	16.4	103	16.3	104	16.4	107	16.6	110	16.7
	18	74.6	11.9	88.9	14.5	100	17.1	102	17.2	103	17.2	106	17.4	108	17.6
	20	74.6	12.1	88.9	15.5	98.8	17.9	100	18.0	101	18.1	104	18.3	107	18.4
	21	74.6	12.4	88.9	16.0	98.1	18.3	99.4	18.4	101	18.5	103	18.7	106	18.9
	23	74.6	13.3	88.9	17.2	96.7	19.2	98.1	19.3	99.4	19.4	102	19.5	105	19.7
	25	74.6	14.2	88.9	18.4	95.3	20.0	96.7	20.1	98.0	20.2	101	20.4	103	20.6
	27	74.6	15.2	88.9	19.7	94.0	20.8	95.3	20.9	96.6	21.1	99.3	21.3	102	21.5
	29	74.6	16.2	88.9	21.0	92.6	21.7	93.9	21.8	95.3	21.9	98.0	22.1	101	22.4
	31	74.6	17.3	88.5	22.3	91.2	22.5	92.5	22.7	93.9	22.8	96.6	23.0	99.3	23.3
	33	74.6	18.5	87.1	23.1	89.8	23.4	91.2	23.5	92.5	23.6	95.2	23.9	97.9	24.2
	35	74.6	19.7	85.7	24.0	88.4	24.2	89.8	24.4	91.1	24.5	93.8	24.8	96.5	25.1
	37	74.6	20.9	84.4	24.8	87.0	25.1	88.4	25.2	89.7	25.4	92.4	25.7	95.1	26.0
	39	74.6	22.3	83.0	25.7	85.7	26.0	87.0	26.1	88.4	26.3	91.0	26.6	93.7	26.9
120% (900)	10	68.8	10.0	82.1	12.3	95.4	14.6	102	15.8	107	16.4	109	15.8	112	15.2
	12	68.8	10.2	82.1	12.5	95.4	14.9	102	16.1	105	16.4	108	15.7	110	15.1
	14	68.8	10.4	82.1	12.7	95.4	15.2	102	16.4	104	16.3	106	15.6	109	15.7
	16	68.8	10.6	82.1	13.0	95.4	15.5	101	16.5	103	16.3	105	16.4	108	16.6
	18	68.8	10.8	82.1	13.2	95.4	16.0	99.9	17.1	101	17.1	104	17.3	106	17.4
	20	68.8	11.0	82.1	13.8	95.4	17.2	98.5	17.9	99.8	18.0	102	18.1	105	18.3
	21	68.8	11.1	82.1	14.3	95.4	17.8	97.9	18.3	99.1	18.4	102	18.6	104	18.7
	23	68.8	11.9	82.1	15.3	95.2	19.0	96.5	19.1	97.7	19.2	100	19.4	103	19.6
	25	68.8	12.7	82.1	16.4	93.9	19.9	95.1	20.0	96.3	20.1	98.8	20.3	101	20.5
	27	68.8	13.6	82.1	17.5	92.5	20.7	93.7	20.8	95.0	20.9	97.4	21.1	99.9	21.3
	29	68.8	14.5	82.1	18.7	91.1	21.6	92.3	21.7	93.6	21.8	96.1	22.0	98.5	22.2
	31	68.8	15.4	82.1	19.9	89.7	22.4	90.9	22.5	92.2	22.6	94.7	22.8	97.2	23.1
	33	68.8	16.4	82.1	21.3	88.3	23.2	89.6	23.4	90.8	23.5	93.3	23.7	95.8	24.0
	35	68.8	17.5	82.1	22.7	86.9	24.1	88.2	24.2	89.4	24.3	91.9	24.6	94.4	24.8
	37	68.8	18.6	82.1	24.2	85.6	24.9	86.8	25.1	88.0	25.2	90.5	25.5	93.0	25.7
	39	68.8	19.8	81.7	25.5	84.2	25.8	85.4	25.9	86.7	26.1	89.1	26.4	91.6	26.6
110% (825)	10	63.1	9.13	75.3	11.1	87.4	13.2	93.5	14.3	99.6	15.3	107	16.3	110	15.7
	12	63.1	9.29	75.3	11.3	87.4	13.4	93.5	14.5	99.6	15.6	106	16.2	108	15.6
	14	63.1	9.46	75.3	11.5	87.4	13.7	93.5	14.8	99.6	15.9	105	16.1	107	15.6
	16	63.1	9.63	75.3	11.8	87.4	14.0	93.5	15.1	99.6	16.2	103	16.3	105	16.5
	18	63.1	9.82	75.3	12.0	87.4	14.2	93.5	15.5	99.5	17.0	102	17.2	104	17.3
	20	63.1	10.0	75.3	12.2	87.4	15.1	93.5	16.7	98.1	17.9	100	18.0	103	18.2
	21	63.1	10.1	75.3	12.6	87.4	15.6	93.5	17.3	97.4	18.3	99.7	18.4	102	18.6
	23	63.1	10.6	75.3	13.5	87.4	16.8	93.5	18.5	96.0	19.1	98.3	19.3	101	19.4
	25	63.1	11.3	75.3	14.4	87.4	17.9	93.5	19.8	94.6	19.9	96.9	20.1	99.2	20.3
	27	63.1	12.1	75.3	15.4	87.4	19.2	92.1	20.7	93.3	20.8	95.5	21.0	97.8	21.2
	29	63.1	12.8	75.3	16.4	87.4	20.5	90.7	21.5	91.9	21.6	94.2	21.8	96.4	22.0
	31	63.1	13.7	75.3	17.5	87.4	21.9	89.4	22.4	90.5	22.5	92.8	22.7	95.0	22.9
	33	63.1	14.6	75.3	18.7	86.8	23.1	88.0	23.2	89.1	23.3	91.4	23.5	93.7	23.8
	35	63.1	15.5	75.3	19.9	85.5	23.9	86.6	24.1	87.7	24.2	90.0	24.4	92.3	24.6
	37	63.1	16.5	75.3	21.2	84.1	24.8	85.2	24.9	86.3	25.0	88.6	25.3	90.9	25.5
	39	63.1	17.5	75.3	22.6	82.7	25.6	83.8	25.8	85.0	25.9	87.2	26.1	89.5	26.4
100% (750)	10	57.4	8.23	68.4	9.98	79.5	11.8	85.0	12.8	90.5	13.7	102	15.7	107	16.3
	12	57.4	8.37	68.4	10.2	79.5	12.0	85.0	13.0	90.5	14.0	102	16.0	106	16.2
	14	57.4	8.52	68.4	10.4	79.5	12.3	85.0	13.3	90.5	14.3	102	16.3	105	16.1
	16	57.4	8.68	68.4	10.5	79.5	12.5	85.0	13.5	90.5	14.5	101	16.5	103	16.3
	18	57.4	8.84	68.4	10.8	79.5	12.8	85.0	13.8	90.5	14.8	99.9	17.1	102	17.2
	20	57.4	9.01	68.4	11.0	79.5	13.1	85.0	14.5	90.5	15.9	98.5	17.9	101	18.0
	21	57.4	9.09	68.4	11.1	79.5	13.6	85.0	15.0	90.5	16.5	97.8	18.3	99.9	18.4
	23	57.4	9.33	68.4	11.8	79.5	14.6	85.0	16.1	90.5	17.7	96.4	19.1	98.5	19.3
	25	57.4	9.96	68.4	12.6	79.5	15.6	85.0	17.2	90.5	18.9	95.0	20.0	97.1	20.1
	27	57.4	10.6	68.4	13.5	79.5	16.7	85.0	18.4	90.5	20.2	93.6	20.8	95.7	21.0
	29	57.4	11.3	68.4	14.4	79.5	17.8	85.0	19.7	90.2	21.5	92.3	21.7	94.3	21.8
	31	57.4	12.0	68.4	15.3	79.5	19.0	85.0	21.0	88.8	22.3	90.9	22.5	92.9	22.7
	33	57.4	12.8	68.4	16.3	79.5	20.3	85.0	22.4	87.4	23.2	89.5	23.4	91.6	23.6
	35	57.4	13.6	68.4	17.4	79.5	21.6	85.0	23.9	86.0	24.0	88.1	24.2	90.2	24.4
	37	57.4	14.4	68.4	18.5	79.5	23.0	83.6	24.7	84.7	24.8	86.7	25.1	88.8	25.3
	39	57.4	15.3	68.4	19.6	79.5	24.5	82.2	25.6	83.3	25.7	85.3	25.9	87.4	26.2
90% (675)	10	51.6	7.37	61.6	8.88	71.5	10.5	76.5	11.3	81.5	12.2	91.4	13.9	101	15.7
	12	51.6	7.49	61.6	9.04	71.5	10.7	76.5	11.5	81.5	12.4	91.4	14.2	101	16.0
	14	51.6	7.62	61.6	9.21	71.5	10.9	76.5	11.7	81.5	12.6	91.4	14.4	101	16.3
	16	51.6	7.76	61.6	9.38	71.5	11.1	76.5	12.0	81.5	12.9	91.4	14.7	101	16.5
	18	51.6	7.89	61.6	9.55	71.5	11.3	76.5	12.2	81.5	13.1	91.4	15.0	99.8	17.1
	20	51.6	8.04	61.6	9.74	71.5	11.5	76.5	12.5	81.5	13.6	91.4	16.1	98.4	17.9
	21	51.6	8.12	61.6	9.83	71.5	11.7	76.5	12.9	81.5	14.1	91.4	16.7	97.7	18.3
	23	51.6	8.27	61.6	10.2	71.5	12.6	76.5	13.8	81.5	15.1	91.4	17.9	96.4	19.1
	25	51.6	8.71	61.6	10.9	71.5	13.4	76.5	14.8	81.5	16.2	91.4	19.2	95.0	20.0
	27	51.6	9.27	61.6	11.7	71.5	14.3	76.5	15.8	81.5	17.3	91.4	20.5	93.6	20.8
	29	51.6	9.87	61.6	12.4	71.5	15.3	76.5	16.8	81.5	18.5	90.4	21.5	92.2	21.7
	31	51.6	10.5	61.6	13.2	71.5	16.3	76.5	18.0	81.5	19.7	89.0	22.3	90.8	22.5
	33	51.6	11.1	61.6	14.1	71.5	17.4	76.5	19.1	81.5	21.0	87.6	23.2	89.4	23.3
	35	51.6	11.8	61.6	15.0	71.5	18.5	76.5	20.4	81.5	22.4	86.2	24.0	88.1	24.2
	37	51.6	12.6	61.6	15.9	71.5	19.7	76.5	21.7	81.5	23.9	84.8	24.9	86.7	25.1
	39	51.6	13.3	61.6	16.9	71.5	21.0	76.5	23.1	81.5	25.4	83.4	25.7	85.3	25.9

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (600)	10	45.9	6.54	54.7	7.83	63.6	9.20	68.0	9.91	72.4	10.6	81.3	12.1	90.1	13.7
	12	45.9	6.65	54.7	7.97	63.6	9.37	68.0	10.1	72.4	10.8	81.3	12.4	90.1	13.9
	14	45.9	6.76	54.7	8.11	63.6	9.54	68.0	10.3	72.4	11.0	81.3	12.6	90.1	14.2
	16	45.9	6.87	54.7	8.25	63.6	9.72	68.0	10.5	72.4	11.3	81.3	12.8	90.1	14.5
	18	45.9	6.99	54.7	8.40	63.6	9.90	68.0	10.7	72.4	11.5	81.3	13.1	90.1	14.8
	20	45.9	7.11	54.7	8.56	63.6	10.1	68.0	10.9	72.4	11.7	81.3	13.6	90.1	15.8
	21	45.9	7.18	54.7	8.64	63.6	10.2	68.0	11.0	72.4	11.9	81.3	14.1	90.1	16.4
	23	45.9	7.31	54.7	8.81	63.6	10.7	68.0	11.7	72.4	12.8	81.3	15.1	90.1	17.5
	25	45.9	7.55	54.7	9.38	63.6	11.4	68.0	12.5	72.4	13.7	81.3	16.1	90.1	18.8
	27	45.9	8.03	54.7	9.99	63.6	12.2	68.0	13.4	72.4	14.6	81.3	17.2	90.1	20.1
	29	45.9	8.53	54.7	10.6	63.6	13.0	68.0	14.2	72.4	15.6	81.3	18.4	90.1	21.5
	31	45.9	9.06	54.7	11.3	63.6	13.8	68.0	15.2	72.4	16.6	81.3	19.6	88.7	22.3
	33	45.9	9.61	54.7	12.0	63.6	14.7	68.0	16.2	72.4	17.7	81.3	20.9	87.3	23.1
	35	45.9	10.2	54.7	12.8	63.6	15.7	68.0	17.2	72.4	18.8	81.3	22.3	86.0	24.0
	37	45.9	10.8	54.7	13.6	63.6	16.6	68.0	18.3	72.4	20.1	81.3	23.8	84.6	24.8
	39	45.9	11.4	54.7	14.4	63.6	17.7	68.0	19.5	72.4	21.3	81.3	25.4	83.2	25.7
70% (525)	10	40.1	5.75	47.9	6.82	55.6	7.97	59.5	8.56	63.4	9.17	71.1	10.4	78.8	11.7
	12	40.1	5.84	47.9	6.94	55.6	8.10	59.5	8.71	63.4	9.33	71.1	10.6	78.8	11.9
	14	40.1	5.93	47.9	7.05	55.6	8.25	59.5	8.87	63.4	9.50	71.1	10.8	78.8	12.2
	16	40.1	6.02	47.9	7.17	55.6	8.40	59.5	9.03	63.4	9.68	71.1	11.0	78.8	12.4
	18	40.1	6.12	47.9	7.30	55.6	8.55	59.5	9.20	63.4	9.87	71.1	11.2	78.8	12.6
	20	40.1	6.23	47.9	7.43	55.6	8.71	59.5	9.38	63.4	10.1	71.1	11.5	78.8	13.0
	21	40.1	6.28	47.9	7.50	55.6	8.79	59.5	9.47	63.4	10.2	71.1	11.6	78.8	13.5
	23	40.1	6.39	47.9	7.64	55.6	8.97	59.5	9.79	63.4	10.6	71.1	12.5	78.8	14.4
	25	40.1	6.50	47.9	7.94	55.6	9.57	59.5	10.4	63.4	11.4	71.1	13.3	78.8	15.4
	27	40.1	6.87	47.9	8.45	55.6	10.2	59.5	11.1	63.4	12.1	71.1	14.2	78.8	16.5
	29	40.1	7.29	47.9	8.98	55.6	10.9	59.5	11.9	63.4	12.9	71.1	15.2	78.8	17.6
	31	40.1	7.74	47.9	9.54	55.6	11.6	59.5	12.6	63.4	13.8	71.1	16.2	78.8	18.8
	33	40.1	8.20	47.9	10.1	55.6	12.3	59.5	13.4	63.4	14.6	71.1	17.2	78.8	20.0
	35	40.1	8.68	47.9	10.7	55.6	13.0	59.5	14.3	63.4	15.6	71.1	18.3	78.8	21.3
	37	40.1	9.19	47.9	11.4	55.6	13.9	59.5	15.2	63.4	16.6	71.1	19.5	78.8	22.7
	39	40.1	9.72	47.9	12.1	55.6	14.7	59.5	16.1	63.4	17.6	71.1	20.8	78.8	24.2
60% (450)	10	34.4	5.00	41.0	5.87	47.7	6.79	51.0	7.28	54.3	7.77	61.0	8.79	67.6	9.85
	12	34.4	5.07	41.0	5.96	47.7	6.91	51.0	7.40	54.3	7.90	61.0	8.94	67.6	10.0
	14	34.4	5.15	41.0	6.06	47.7	7.02	51.0	7.52	54.3	8.04	61.0	9.11	67.6	10.2
	16	34.4	5.22	41.0	6.15	47.7	7.14	51.0	7.66	54.3	8.18	61.0	9.27	67.6	10.4
	18	34.4	5.30	41.0	6.26	47.7	7.27	51.0	7.79	54.3	8.33	61.0	9.45	67.6	10.6
	20	34.4	5.39	41.0	6.36	47.7	7.40	51.0	7.94	54.3	8.49	61.0	9.63	67.6	10.8
	21	34.4	5.43	41.0	6.42	47.7	7.46	51.0	8.01	54.3	8.57	61.0	9.73	67.6	10.9
	23	34.4	5.52	41.0	6.53	47.7	7.60	51.0	8.16	54.3	8.74	61.0	10.1	67.6	11.6
	25	34.4	5.61	41.0	6.65	47.7	7.90	51.0	8.58	54.3	9.29	61.0	10.8	67.6	12.4
	27	34.4	5.82	41.0	7.05	47.7	8.41	51.0	9.13	54.3	9.89	61.0	11.5	67.6	13.2
	29	34.4	6.16	41.0	7.48	47.7	8.94	51.0	9.71	54.3	10.5	61.0	12.3	67.6	14.1
	31	34.4	6.52	41.0	7.93	47.7	9.49	51.0	10.3	54.3	11.2	61.0	13.1	67.6	15.0
	33	34.4	6.90	41.0	8.41	47.7	10.1	51.0	11.0	54.3	11.9	61.0	13.9	67.6	16.0
	35	34.4	7.30	41.0	8.91	47.7	10.7	51.0	11.6	54.3	12.6	61.0	14.8	67.6	17.1
	37	34.4	7.71	41.0	9.43	47.7	11.3	51.0	12.4	54.3	13.4	61.0	15.7	67.6	18.1
	39	34.4	8.15	41.0	9.98	47.7	12.0	51.0	13.1	54.3	14.3	61.0	16.7	67.6	19.3
50% (375)	10	28.7	4.30	34.2	4.98	39.7	5.69	42.5	6.07	45.3	6.45	50.8	7.25	56.3	8.07
	12	28.7	4.36	34.2	5.05	39.7	5.78	42.5	6.16	45.3	6.56	50.8	7.37	56.3	8.21
	14	28.7	4.41	34.2	5.12	39.7	5.87	42.5	6.26	45.3	6.66	50.8	7.49	56.3	8.36
	16	28.7	4.47	34.2	5.20	39.7	5.96	42.5	6.36	45.3	6.78	50.8	7.63	56.3	8.51
	18	28.7	4.53	34.2	5.28	39.7	6.06	42.5	6.47	45.3	6.89	50.8	7.76	56.3	8.67
	20	28.7	4.60	34.2	5.36	39.7	6.16	42.5	6.58	45.3	7.01	50.8	7.90	56.3	8.83
	21	28.7	4.63	34.2	5.40	39.7	6.22	42.5	6.64	45.3	7.08	50.8	7.98	56.3	8.91
	23	28.7	4.70	34.2	5.49	39.7	6.32	42.5	6.76	45.3	7.21	50.8	8.13	56.3	9.12
	25	28.7	4.77	34.2	5.58	39.7	6.44	42.5	6.90	45.3	7.43	50.8	8.54	56.3	9.73
	27	28.7	4.85	34.2	5.78	39.7	6.79	42.5	7.33	45.3	7.90	50.8	9.09	56.3	10.4
	29	28.7	5.13	34.2	6.12	39.7	7.21	42.5	7.79	45.3	8.39	50.8	9.67	56.3	11.0
	31	28.7	5.42	34.2	6.48	39.7	7.64	42.5	8.26	45.3	8.91	50.8	10.3	56.3	11.7
	33	28.7	5.73	34.2	6.86	39.7	8.10	42.5	8.76	45.3	9.45	50.8	10.9	56.3	12.5
	35	28.7	6.04	34.2	7.25	39.7	8.58	42.5	9.28	45.3	10.0	50.8	11.6	56.3	13.3
	37	28.7	6.37	34.2	7.66	39.7	9.08	42.5	9.83	45.3	10.6	50.8	12.3	56.3	14.1
	39	28.7	6.72	34.2	8.09	39.7	9.60	42.5	10.4	45.3	11.3	50.8	13.0	56.3	15.0

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ32TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1040)	10	78.9	12.1	94.2	14.8	109	17.6	113	18.0	115	17.6	118	16.9	120	16.1
	12	78.9	12.3	94.2	15.1	109	18.0	112	17.9	113	17.5	116	16.8	119	16.5
	14	78.9	12.6	94.2	15.4	109	18.2	110	17.8	112	17.4	115	17.3	118	17.5
	16	78.9	12.8	94.2	15.7	108	18.1	109	18.0	110	18.0	113	18.2	116	18.4
	18	78.9	13.1	94.2	16.0	106	18.8	107	18.9	109	19.0	112	19.2	115	19.3
	20	78.9	13.3	94.2	17.0	105	19.7	106	19.8	107	19.9	110	20.1	113	20.3
	21	78.9	13.7	94.2	17.6	104	20.2	105	20.3	107	20.4	110	20.6	112	20.8
	23	78.9	14.6	94.2	18.9	102	21.1	104	21.2	105	21.3	108	21.5	111	21.7
	25	78.9	15.7	94.2	20.3	101	22.0	102	22.1	104	22.2	107	22.5	109	22.7
	27	78.9	16.7	94.2	21.7	99.5	22.9	101	23.0	102	23.2	105	23.4	108	23.7
	29	78.9	17.9	94.2	23.2	98.0	23.9	99.4	24.0	101	24.1	104	24.4	107	24.6
	31	78.9	19.0	93.7	24.5	96.6	24.8	98.0	24.9	99.4	25.1	102	25.3	105	25.6
	33	78.9	20.3	92.2	25.4	95.1	25.7	96.5	25.9	97.9	26.0	101	26.3	104	26.6
	35	78.9	21.6	90.8	26.4	93.6	26.7	95.0	26.8	96.5	27.0	99.3	27.3	102	27.6
	37	78.9	23.0	89.3	27.3	92.2	27.6	93.6	27.8	95.0	27.9	97.9	28.3	101	28.6
	39	78.9	24.5	87.9	28.2	90.7	28.6	92.1	28.7	93.5	28.9	96.4	29.2	99.2	29.6
120% (960)	10	72.9	11.1	86.9	13.5	101	16.1	108	17.4	113	18.1	116	17.4	118	16.7
	12	72.9	11.3	86.9	13.8	101	16.4	108	17.7	112	18.0	114	17.3	117	16.6
	14	72.9	11.5	86.9	14.0	101	16.7	108	18.0	110	17.9	113	17.2	115	17.3
	16	72.9	11.7	86.9	14.3	101	17.0	107	18.2	109	17.9	111	18.1	114	18.3
	18	72.9	11.9	86.9	14.6	101	17.6	106	18.8	107	18.9	110	19.0	112	19.2
	20	72.9	12.1	86.9	15.2	101	18.9	104	19.7	106	19.8	108	20.0	111	20.1
	21	72.9	12.3	86.9	15.7	101	19.6	104	20.1	105	20.2	108	20.4	110	20.6
	23	72.9	13.1	86.9	16.8	101	21.0	102	21.1	103	21.2	106	21.4	109	21.6
	25	72.9	14.0	86.9	18.0	99.4	21.9	101	22.0	102	22.1	105	22.3	107	22.5
	27	72.9	14.9	86.9	19.2	97.9	22.8	99.2	22.9	101	23.0	103	23.2	106	23.5
	29	72.9	15.9	86.9	20.5	96.4	23.7	97.8	23.8	99.1	24.0	102	24.2	104	24.4
	31	72.9	17.0	86.9	21.9	95.0	24.6	96.3	24.8	97.6	24.9	100	25.1	103	25.4
	33	72.9	18.1	86.9	23.4	93.5	25.6	94.8	25.7	96.1	25.8	98.8	26.1	101	26.4
	35	72.9	19.3	86.9	24.9	92.1	26.5	93.4	26.6	94.7	26.8	97.3	27.1	99.9	27.3
	37	72.9	20.5	86.9	26.6	90.6	27.4	91.9	27.6	93.2	27.7	95.8	28.0	98.5	28.3
	39	72.9	21.8	86.5	28.1	89.1	28.4	90.4	28.5	91.8	28.7	94.4	29.0	97.0	29.3
110% (880)	10	66.8	10.0	79.7	12.2	92.5	14.5	99.0	15.7	105	16.9	114	17.9	116	17.3
	12	66.8	10.2	79.7	12.5	92.5	14.8	99.0	16.0	105	17.2	112	17.8	115	17.2
	14	66.8	10.4	79.7	12.7	92.5	15.1	99.0	16.3	105	17.5	111	17.7	113	17.2
	16	66.8	10.6	79.7	12.9	92.5	15.4	99.0	16.6	105	17.9	109	18.0	112	18.1
	18	66.8	10.8	79.7	13.2	92.5	15.7	99.0	17.1	105	18.7	108	18.9	110	19.1
	20	66.8	11.0	79.7	13.5	92.5	16.6	99.0	18.4	104	19.7	106	19.8	109	20.0
	21	66.8	11.1	79.7	13.9	92.5	17.2	99.0	19.0	103	20.1	106	20.3	108	20.5
	23	66.8	11.6	79.7	14.8	92.5	18.4	99.0	20.4	102	21.0	104	21.2	106	21.4
	25	66.8	12.4	79.7	15.9	92.5	19.7	99.0	21.8	100	21.9	103	22.1	105	22.3
	27	66.8	13.3	79.7	17.0	92.5	21.1	97.5	22.8	98.7	22.9	101	23.1	104	23.3
	29	66.8	14.1	79.7	18.1	92.5	22.6	96.1	23.7	97.3	23.8	99.7	24.0	102	24.2
	31	66.8	15.1	79.7	19.3	92.5	24.1	94.6	24.6	95.8	24.7	98.2	25.0	101	25.2
	33	66.8	16.0	79.7	20.6	91.9	25.4	93.1	25.5	94.4	25.7	96.8	25.9	99.2	26.1
	35	66.8	17.0	79.7	21.9	90.5	26.3	91.7	26.5	92.9	26.6	95.3	26.8	97.7	27.1
	37	66.8	18.1	79.7	23.3	89.0	27.3	90.2	27.4	91.4	27.5	93.8	27.8	96.2	28.1
	39	66.8	19.3	79.7	24.9	87.5	28.2	88.8	28.3	90.0	28.5	92.4	28.8	94.8	29.1
100% (800)	10	60.7	9.06	72.4	11.0	84.1	13.0	90.0	14.1	95.9	15.1	108	17.3	114	17.9
	12	60.7	9.22	72.4	11.2	84.1	13.3	90.0	14.3	95.9	15.4	108	17.6	112	17.8
	14	60.7	9.38	72.4	11.4	84.1	13.5	90.0	14.6	95.9	15.7	108	17.9	111	17.7
	16	60.7	9.55	72.4	11.6	84.1	13.8	90.0	14.9	95.9	16.0	107	18.2	109	18.0
	18	60.7	9.73	72.4	11.8	84.1	14.0	90.0	15.2	95.9	16.3	106	18.8	108	18.9
	20	60.7	9.91	72.4	12.1	84.1	14.5	90.0	15.9	95.9	17.5	104	19.7	106	19.8
	21	60.7	10.0	72.4	12.2	84.1	15.0	90.0	16.5	95.9	18.1	104	20.1	106	20.3
	23	60.7	10.3	72.4	13.0	84.1	16.0	90.0	17.7	95.9	19.4	102	21.1	104	21.2
	25	60.7	11.0	72.4	13.9	84.1	17.2	90.0	18.9	95.9	20.8	101	22.0	103	22.2
	27	60.7	11.7	72.4	14.8	84.1	18.3	90.0	20.3	95.9	22.3	99.1	22.9	101	23.1
	29	60.7	12.4	72.4	15.8	84.1	19.6	90.0	21.6	95.5	23.6	97.7	23.8	99.9	24.0
	31	60.7	13.2	72.4	16.8	84.1	20.9	90.0	23.1	94.0	24.6	96.2	24.8	98.4	25.0
	33	60.7	14.1	72.4	17.9	84.1	22.3	90.0	24.6	92.6	25.5	94.8	25.7	96.9	25.9
	35	60.7	15.0	72.4	19.1	84.1	23.8	90.0	26.3	91.1	26.4	93.3	26.6	95.5	26.9
	37	60.7	15.9	72.4	20.3	84.1	25.3	88.5	27.2	89.6	27.3	91.8	27.6	94.0	27.8
	39	60.7	16.9	72.4	21.6	84.1	27.0	87.1	28.1	88.2	28.3	90.4	28.5	92.5	28.8
90% (720)	10	54.7	8.11	65.2	9.78	75.7	11.5	81.0	12.5	86.3	13.4	96.8	15.3	107	17.2
	12	54.7	8.24	65.2	9.95	75.7	11.8	81.0	12.7	86.3	13.6	96.8	15.6	107	17.6
	14	54.7	8.39	65.2	10.1	75.7	12.0	81.0	12.9	86.3	13.9	96.8	15.9	107	17.9
	16	54.7	8.53	65.2	10.3	75.7	12.2	81.0	13.2	86.3	14.2	96.8	16.2	107	18.2
	18	54.7	8.69	65.2	10.5	75.7	12.4	81.0	13.4	86.3	14.5	96.8	16.5	106	18.8
	20	54.7	8.85	65.2	10.7	75.7	12.7	81.0	13.7	86.3	15.0	96.8	17.8	104	19.7
	21	54.7	8.93	65.2	10.8	75.7	12.9	81.0	14.2	86.3	15.5	96.8	18.4	103	20.1
	23	54.7	9.10	65.2	11.3	75.7	13.8	81.0	15.2	86.3	16.6	96.8	19.7	102	21.1
	25	54.7	9.58	65.2	12.0	75.7	14.8	81.0	16.2	86.3	17.8	96.8	21.1	101	22.0
	27	54.7	10.2	65.2	12.8	75.7	15.8	81.0	17.4	86.3	19.0	96.8	22.6	99.1	22.9
	29	54.7	10.9	65.2	13.7	75.7	16.8	81.0	18.5	86.3	20.3	95.7	23.6	97.6	23.8
	31	54.7	11.5	65.2	14.6	75.7	17.9	81.0	19.8	86.3	21.7	94.2	24.6	96.2	24.8
	33	54.7	12.3	65.2	15.5	75.7	19.1	81.0	21.1	86.3	23.1	92.7	25.5	94.7	25.7
	35	54.7	13.0	65.2	16.5	75.7	20.4	81.0	22.5	86.3	24.7	91.3	26.4	93.2	26.6
	37	54.7	13.8	65.2	17.5	75.7	21.7	81.0	23.9	86.3	26.3	89.8	27.4	91.8	27.6
	39	54.7	14.7	65.2	18.6	75.7	23.1	81.0	25.5	86.3	28.0	88.3	28.3	90.3	28.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (640)	10	48.6	7.20	57.9	8.62	67.3	10.1	72.0	10.9	76.7	11.7	86.1	13.4	95.4	15.0
	12	48.6	7.31	57.9	8.77	67.3	10.3	72.0	11.1	76.7	11.9	86.1	13.6	95.4	15.3
	14	48.6	7.43	57.9	8.92	67.3	10.5	72.0	11.3	76.7	12.1	86.1	13.9	95.4	15.6
	16	48.6	7.56	57.9	9.08	67.3	10.7	72.0	11.5	76.7	12.4	86.1	14.1	95.4	15.9
	18	48.6	7.69	57.9	9.25	67.3	10.9	72.0	11.7	76.7	12.6	86.1	14.4	95.4	16.2
	20	48.6	7.83	57.9	9.42	67.3	11.1	72.0	12.0	76.7	12.9	86.1	14.9	95.4	17.4
	21	48.6	7.90	57.9	9.51	67.3	11.2	72.0	12.1	76.7	13.1	86.1	15.5	95.4	18.0
	23	48.6	8.04	57.9	9.69	67.3	11.8	72.0	12.9	76.7	14.1	86.1	16.6	95.4	19.3
	25	48.6	8.30	57.9	10.3	67.3	12.6	72.0	13.8	76.7	15.0	86.1	17.7	95.4	20.7
	27	48.6	8.83	57.9	11.0	67.3	13.4	72.0	14.7	76.7	16.1	86.1	19.0	95.4	22.1
	29	48.6	9.39	57.9	11.7	67.3	14.3	72.0	15.7	76.7	17.1	86.1	20.2	95.4	23.6
	31	48.6	9.97	57.9	12.4	67.3	15.2	72.0	16.7	76.7	18.3	86.1	21.6	93.9	24.5
	33	48.6	10.6	57.9	13.2	67.3	16.2	72.0	17.8	76.7	19.5	86.1	23.0	92.5	25.5
	35	48.6	11.2	57.9	14.1	67.3	17.2	72.0	18.9	76.7	20.7	86.1	24.6	91.0	26.4
	37	48.6	11.9	57.9	14.9	67.3	18.3	72.0	20.1	76.7	22.1	86.1	26.2	89.5	27.3
	39	48.6	12.6	57.9	15.8	67.3	19.5	72.0	21.4	76.7	23.5	86.1	27.9	88.1	28.3
70% (560)	10	42.5	6.33	50.7	7.51	58.9	8.77	63.0	9.42	67.1	10.1	75.3	11.5	83.5	12.9
	12	42.5	6.42	50.7	7.63	58.9	8.92	63.0	9.59	67.1	10.3	75.3	11.7	83.5	13.1
	14	42.5	6.52	50.7	7.76	58.9	9.08	63.0	9.76	67.1	10.5	75.3	11.9	83.5	13.4
	16	42.5	6.63	50.7	7.89	58.9	9.24	63.0	9.94	67.1	10.7	75.3	12.1	83.5	13.6
	18	42.5	6.74	50.7	8.03	58.9	9.41	63.0	10.1	67.1	10.9	75.3	12.4	83.5	13.9
	20	42.5	6.85	50.7	8.18	58.9	9.59	63.0	10.3	67.1	11.1	75.3	12.6	83.5	14.3
	21	42.5	6.91	50.7	8.25	58.9	9.68	63.0	10.4	67.1	11.2	75.3	12.8	83.5	14.8
	23	42.5	7.03	50.7	8.41	58.9	9.88	63.0	10.8	67.1	11.7	75.3	13.7	83.5	15.9
	25	42.5	7.16	50.7	8.74	58.9	10.5	63.0	11.5	67.1	12.5	75.3	14.7	83.5	17.0
	27	42.5	7.56	50.7	9.30	58.9	11.2	63.0	12.3	67.1	13.3	75.3	15.6	83.5	18.1
	29	42.5	8.03	50.7	9.89	58.9	11.9	63.0	13.1	67.1	14.2	75.3	16.7	83.5	19.4
	31	42.5	8.51	50.7	10.5	58.9	12.7	63.0	13.9	67.1	15.1	75.3	17.8	83.5	20.7
	33	42.5	9.02	50.7	11.1	58.9	13.5	63.0	14.8	67.1	16.1	75.3	19.0	83.5	22.0
	35	42.5	9.55	50.7	11.8	58.9	14.4	63.0	15.7	67.1	17.1	75.3	20.2	83.5	23.5
	37	42.5	10.1	50.7	12.5	58.9	15.2	63.0	16.7	67.1	18.2	75.3	21.5	83.5	25.0
	39	42.5	10.7	50.7	13.3	58.9	16.2	63.0	17.7	67.1	19.4	75.3	22.9	83.5	26.6
60% (480)	10	36.4	5.50	43.5	6.46	50.5	7.48	54.0	8.01	57.5	8.55	64.5	9.67	71.6	10.8
	12	36.4	5.58	43.5	6.56	50.5	7.60	54.0	8.14	57.5	8.70	64.5	9.84	71.6	11.0
	14	36.4	5.66	43.5	6.66	50.5	7.73	54.0	8.28	57.5	8.85	64.5	10.0	71.6	11.2
	16	36.4	5.75	43.5	6.77	50.5	7.86	54.0	8.43	57.5	9.01	64.5	10.2	71.6	11.4
	18	36.4	5.84	43.5	6.88	50.5	8.00	54.0	8.58	57.5	9.17	64.5	10.4	71.6	11.7
	20	36.4	5.93	43.5	7.00	50.5	8.14	54.0	8.73	57.5	9.34	64.5	10.6	71.6	11.9
	21	36.4	5.98	43.5	7.06	50.5	8.21	54.0	8.82	57.5	9.43	64.5	10.7	71.6	12.0
	23	36.4	6.07	43.5	7.19	50.5	8.37	54.0	8.98	57.5	9.61	64.5	11.1	71.6	12.8
	25	36.4	6.17	43.5	7.31	50.5	8.69	54.0	9.44	57.5	10.2	64.5	11.9	71.6	13.7
	27	36.4	6.40	43.5	7.76	50.5	9.25	54.0	10.0	57.5	10.9	64.5	12.7	71.6	14.6
	29	36.4	6.78	43.5	8.23	50.5	9.83	54.0	10.7	57.5	11.6	64.5	13.5	71.6	15.5
	31	36.4	7.18	43.5	8.73	50.5	10.4	54.0	11.4	57.5	12.3	64.5	14.4	71.6	16.6
	33	36.4	7.60	43.5	9.25	50.5	11.1	54.0	12.1	57.5	13.1	64.5	15.3	71.6	17.6
	35	36.4	8.03	43.5	9.80	50.5	11.8	54.0	12.8	57.5	13.9	64.5	16.3	71.6	18.8
	37	36.4	8.49	43.5	10.4	50.5	12.5	54.0	13.6	57.5	14.8	64.5	17.3	71.6	20.0
	39	36.4	8.97	43.5	11.0	50.5	13.2	54.0	14.4	57.5	15.7	64.5	18.4	71.6	21.2
50% (400)	10	30.4	4.73	36.2	5.48	42.1	6.27	45.0	6.68	47.9	7.10	53.8	7.97	59.6	8.88
	12	30.4	4.79	36.2	5.55	42.1	6.36	45.0	6.78	47.9	7.21	53.8	8.11	59.6	9.04
	14	30.4	4.86	36.2	5.63	42.1	6.46	45.0	6.89	47.9	7.33	53.8	8.25	59.6	9.20
	16	30.4	4.92	36.2	5.72	42.1	6.56	45.0	7.00	47.9	7.46	53.8	8.39	59.6	9.36
	18	30.4	4.99	36.2	5.80	42.1	6.67	45.0	7.12	47.9	7.58	53.8	8.54	59.6	9.54
	20	30.4	5.06	36.2	5.90	42.1	6.78	45.0	7.24	47.9	7.72	53.8	8.70	59.6	9.72
	21	30.4	5.10	36.2	5.94	42.1	6.84	45.0	7.31	47.9	7.79	53.8	8.78	59.6	9.81
	23	30.4	5.17	36.2	6.04	42.1	6.96	45.0	7.44	47.9	7.93	53.8	8.95	59.6	10.0
	25	30.4	5.25	36.2	6.14	42.1	7.08	45.0	7.59	47.9	8.17	53.8	9.39	59.6	10.7
	27	30.4	5.34	36.2	6.36	42.1	7.48	45.0	8.07	47.9	8.69	53.8	10.0	59.6	11.4
	29	30.4	5.65	36.2	6.74	42.1	7.93	45.0	8.57	47.9	9.23	53.8	10.6	59.6	12.1
	31	30.4	5.97	36.2	7.13	42.1	8.41	45.0	9.09	47.9	9.80	53.8	11.3	59.6	12.9
	33	30.4	6.30	36.2	7.55	42.1	8.91	45.0	9.64	47.9	10.4	53.8	12.0	59.6	13.7
	35	30.4	6.65	36.2	7.98	42.1	9.44	45.0	10.2	47.9	11.0	53.8	12.8	59.6	14.6
	37	30.4	7.01	36.2	8.43	42.1	9.99	45.0	10.8	47.9	11.7	53.8	13.5	59.6	15.5
	39	30.4	7.39	36.2	8.91	42.1	10.6	45.0	11.5	47.9	12.4	53.8	14.4	59.6	16.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ34TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1105)	10	83.3	11.6	99.4	14.3	115	17.0	120	17.3	121	17.0	124	16.3	127	15.5
	12	83.3	11.9	99.4	14.5	115	17.3	118	17.2	120	16.9	123	16.1	126	15.9
	14	83.3	12.1	99.4	14.8	115	17.5	117	17.1	118	16.8	121	16.6	124	16.8
	16	83.3	12.3	99.4	15.1	114	17.4	115	17.3	117	17.4	120	17.5	123	17.7
	18	83.3	12.6	99.4	15.4	112	18.1	113	18.2	115	18.3	118	18.4	121	18.6
	20	83.3	12.8	99.4	16.4	110	19.0	112	19.1	113	19.2	116	19.3	119	19.5
	21	83.3	13.2	99.4	17.0	110	19.4	111	19.5	113	19.6	116	19.8	119	20.0
	23	83.3	14.1	99.4	18.2	108	20.3	110	20.4	111	20.5	114	20.7	117	20.9
	25	83.3	15.1	99.4	19.5	107	21.2	108	21.3	110	21.4	113	21.6	116	21.8
	27	83.3	16.1	99.4	20.9	105	22.1	107	22.2	108	22.3	111	22.5	114	22.8
	29	83.3	17.2	99.4	22.3	103	23.0	105	23.1	106	23.2	109	23.5	112	23.7
	31	83.3	18.3	98.9	23.6	102	23.9	103	24.0	105	24.1	108	24.4	111	24.6
	33	83.3	19.5	97.4	24.5	100	24.8	102	24.9	103	25.0	106	25.3	109	25.6
	35	83.3	20.8	95.8	25.4	98.8	25.7	100	25.8	102	26.0	105	26.3	108	26.5
	37	83.3	22.2	94.3	26.3	97.3	26.6	98.8	26.7	100	26.9	103	27.2	106	27.5
	39	83.3	23.6	92.7	27.2	95.7	27.5	97.2	27.7	98.7	27.8	102	28.1	105	28.5
120% (1020)	10	76.9	10.6	91.7	13.0	107	15.5	114	16.7	119	17.4	122	16.8	125	16.1
	12	76.9	10.8	91.7	13.2	107	15.8	114	17.0	118	17.3	120	16.7	123	16.0
	14	76.9	11.0	91.7	13.5	107	16.1	114	17.4	116	17.2	119	16.6	122	16.7
	16	76.9	11.2	91.7	13.8	107	16.4	113	17.5	115	17.3	117	17.4	120	17.6
	18	76.9	11.5	91.7	14.0	107	16.9	112	18.1	113	18.2	116	18.3	119	18.5
	20	76.9	11.7	91.7	14.6	107	18.2	110	18.9	112	19.0	114	19.2	117	19.4
	21	76.9	11.8	91.7	15.1	107	18.9	109	19.4	111	19.5	114	19.7	116	19.8
	23	76.9	12.6	91.7	16.2	106	20.2	108	20.3	109	20.4	112	20.6	115	20.8
	25	76.9	13.5	91.7	17.3	105	21.1	106	21.2	108	21.3	110	21.5	113	21.7
	27	76.9	14.4	91.7	18.5	103	21.9	105	22.0	106	22.2	109	22.4	112	22.6
	29	76.9	15.3	91.7	19.8	102	22.8	103	22.9	105	23.1	107	23.3	110	23.5
	31	76.9	16.4	91.7	21.1	100	23.7	102	23.8	103	24.0	106	24.2	109	24.4
	33	76.9	17.4	91.7	22.5	98.7	24.6	100	24.7	101	24.9	104	25.1	107	25.4
	35	76.9	18.5	91.7	24.0	97.2	25.5	98.6	25.6	99.9	25.8	103	26.1	105	26.3
	37	76.9	19.7	91.7	25.6	95.6	26.4	97.0	26.6	98.4	26.7	101	27.0	104	27.3
	39	76.9	21.0	91.3	27.0	94.1	27.3	95.5	27.5	96.9	27.6	99.6	27.9	102	28.2
110% (935)	10	70.5	9.67	84.1	11.8	97.7	14.0	104	15.1	111	16.3	120	17.3	122	16.7
	12	70.5	9.84	84.1	12.0	97.7	14.2	104	15.4	111	16.6	118	17.2	121	16.6
	14	70.5	10.0	84.1	12.2	97.7	14.5	104	15.7	111	16.9	117	17.1	119	16.6
	16	70.5	10.2	84.1	12.5	97.7	14.8	104	16.0	111	17.2	115	17.3	118	17.4
	18	70.5	10.4	84.1	12.7	97.7	15.1	104	16.4	111	18.0	114	18.2	116	18.3
	20	70.5	10.6	84.1	12.9	97.7	16.0	104	17.7	110	18.9	112	19.1	115	19.2
	21	70.5	10.7	84.1	13.3	97.7	16.6	104	18.3	109	19.4	111	19.5	114	19.7
	23	70.5	11.2	84.1	14.3	97.7	17.8	104	19.6	107	20.2	110	20.4	112	20.6
	25	70.5	12.0	84.1	15.3	97.7	19.0	104	21.0	106	21.1	108	21.3	111	21.5
	27	70.5	12.8	84.1	16.3	97.7	20.3	103	21.9	104	22.0	107	22.2	109	22.4
	29	70.5	13.6	84.1	17.4	97.7	21.7	101	22.8	103	22.9	105	23.1	108	23.3
	31	70.5	14.5	84.1	18.6	97.7	23.2	99.9	23.7	101	23.8	104	24.0	106	24.2
	33	70.5	15.4	84.1	19.8	97.0	24.5	98.3	24.6	99.6	24.7	102	24.9	105	25.2
	35	70.5	16.4	84.1	21.1	95.5	25.4	96.8	25.5	98.0	25.6	101	25.8	103	26.1
	37	70.5	17.4	84.1	22.5	94.0	26.2	95.2	26.4	96.5	26.5	99.1	26.8	102	27.0
	39	70.5	18.5	84.1	23.9	92.4	27.1	93.7	27.3	95.0	27.4	97.5	27.7	100	28.0
100% (850)	10	64.1	8.72	76.5	10.6	88.8	12.5	95.0	13.5	101	14.6	114	16.6	120	17.2
	12	64.1	8.87	76.5	10.8	88.8	12.8	95.0	13.8	101	14.8	114	17.0	119	17.1
	14	64.1	9.03	76.5	11.0	88.8	13.0	95.0	14.1	101	15.1	114	17.3	117	17.0
	16	64.1	9.19	76.5	11.2	88.8	13.3	95.0	14.3	101	15.4	113	17.5	115	17.3
	18	64.1	9.36	76.5	11.4	88.8	13.5	95.0	14.6	101	15.7	112	18.1	114	18.2
	20	64.1	9.54	76.5	11.6	88.8	13.9	95.0	15.3	101	16.8	110	18.9	112	19.1
	21	64.1	9.63	76.5	11.7	88.8	14.4	95.0	15.9	101	17.4	109	19.4	112	19.5
	23	64.1	9.89	76.5	12.5	88.8	15.4	95.0	17.0	101	18.7	108	20.3	110	20.4
	25	64.1	10.5	76.5	13.4	88.8	16.5	95.0	18.2	101	20.0	106	21.2	109	21.3
	27	64.1	11.2	76.5	14.3	88.8	17.7	95.0	19.5	101	21.4	105	22.0	107	22.2
	29	64.1	12.0	76.5	15.2	88.8	18.9	95.0	20.8	101	22.7	103	22.9	105	23.1
	31	64.1	12.7	76.5	16.2	88.8	20.1	95.0	22.2	99.2	23.6	102	23.8	104	24.0
	33	64.1	13.5	76.5	17.3	88.8	21.5	95.0	23.7	97.7	24.5	100	24.7	102	24.9
	35	64.1	14.4	76.5	18.4	88.8	22.9	95.0	25.3	96.2	25.4	98.5	25.6	101	25.9
	37	64.1	15.3	76.5	19.6	88.8	24.4	93.5	26.2	94.6	26.3	96.9	26.5	99.2	26.8
	39	64.1	16.2	76.5	20.8	88.8	26.0	91.9	27.1	93.1	27.2	95.4	27.5	97.7	27.7
90% (765)	10	57.7	7.80	68.8	9.41	79.9	11.1	85.5	12.0	91.1	12.9	102	14.7	113	16.6
	12	57.7	7.94	68.8	9.58	79.9	11.3	85.5	12.2	91.1	13.1	102	15.0	113	16.9
	14	57.7	8.07	68.8	9.75	79.9	11.5	85.5	12.4	91.1	13.4	102	15.3	113	17.2
	16	57.7	8.21	68.8	9.93	79.9	11.7	85.5	12.7	91.1	13.6	102	15.6	113	17.5
	18	57.7	8.36	68.8	10.1	79.9	12.0	85.5	12.9	91.1	13.9	102	15.9	112	18.1
	20	57.7	8.52	68.8	10.3	79.9	12.2	85.5	13.2	91.1	14.4	102	17.1	110	18.9
	21	57.7	8.60	68.8	10.4	79.9	12.4	85.5	13.7	91.1	14.9	102	17.7	109	19.4
	23	57.7	8.76	68.8	10.8	79.9	13.3	85.5	14.6	91.1	16.0	102	19.0	108	20.3
	25	57.7	9.23	68.8	11.6	79.9	14.2	85.5	15.6	91.1	17.1	102	20.3	106	21.2
	27	57.7	9.82	68.8	12.4	79.9	15.2	85.5	16.7	91.1	18.3	102	21.8	105	22.0
	29	57.7	10.5	68.8	13.2	79.9	16.2	85.5	17.8	91.1	19.6	101	22.8	103	22.9
	31	57.7	11.1	68.8	14.0	79.9	17.3	85.5	19.0	91.1	20.9	99.4	23.6	102	23.8
	33	57.7	11.8	68.8	14.9	79.9	18.4	85.5	20.3	91.1	22.3	97.9	24.5	100	24.7
	35	57.7	12.5	68.8	15.9	79.9	19.6	85.5	21.6	91.1	23.7	96.3	25.4	98.4	25.6
	37	57.7	13.3	68.8	16.9	79.9	20.9	85.5	23.0	91.1	25.3	94.8	26.3	96.9	26.5
	39	57.7	14.1	68.8	17.9	79.9	22.2	85.5	24.5	91.1	27.0	93.3	27.2	95.3	27.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (680)	10	51.3	6.93	61.2	8.29	71.0	9.75	76.0	10.5	80.9	11.3	90.8	12.9	101	14.5
	12	51.3	7.04	61.2	8.44	71.0	9.92	76.0	10.7	80.9	11.5	90.8	13.1	101	14.8
	14	51.3	7.16	61.2	8.59	71.0	10.1	76.0	10.9	80.9	11.7	90.8	13.3	101	15.0
	16	51.3	7.28	61.2	8.74	71.0	10.3	76.0	11.1	80.9	11.9	90.8	13.6	101	15.3
	18	51.3	7.40	61.2	8.90	71.0	10.5	76.0	11.3	80.9	12.1	90.8	13.9	101	15.6
	20	51.3	7.53	61.2	9.07	71.0	10.7	76.0	11.5	80.9	12.4	90.8	14.4	101	16.7
	21	51.3	7.60	61.2	9.15	71.0	10.8	76.0	11.6	80.9	12.6	90.8	14.9	101	17.3
	23	51.3	7.74	61.2	9.33	71.0	11.3	76.0	12.4	80.9	13.5	90.8	16.0	101	18.6
	25	51.3	7.99	61.2	9.93	71.0	12.1	76.0	13.3	80.9	14.5	90.8	17.1	101	19.9
	27	51.3	8.50	61.2	10.6	71.0	12.9	76.0	14.1	80.9	15.5	90.8	18.3	101	21.3
	29	51.3	9.03	61.2	11.3	71.0	13.7	76.0	15.1	80.9	16.5	90.8	19.5	101	22.7
	31	51.3	9.59	61.2	12.0	71.0	14.6	76.0	16.1	80.9	17.6	90.8	20.8	99.2	23.6
	33	51.3	10.2	61.2	12.7	71.0	15.6	76.0	17.1	80.9	18.7	90.8	22.2	97.6	24.5
	35	51.3	10.8	61.2	13.5	71.0	16.6	76.0	18.2	80.9	20.0	90.8	23.7	96.1	25.4
	37	51.3	11.4	61.2	14.4	71.0	17.6	76.0	19.4	80.9	21.2	90.8	25.2	94.5	26.3
	39	51.3	12.1	61.2	15.2	71.0	18.7	76.0	20.6	80.9	22.6	90.8	26.9	93.0	27.2
70% (595)	10	44.9	6.09	53.5	7.23	62.2	8.44	66.5	9.07	70.8	9.71	79.5	11.0	88.1	12.4
	12	44.9	6.18	53.5	7.35	62.2	8.58	66.5	9.23	70.8	9.89	79.5	11.2	88.1	12.6
	14	44.9	6.28	53.5	7.47	62.2	8.74	66.5	9.39	70.8	10.1	79.5	11.5	88.1	12.9
	16	44.9	6.38	53.5	7.60	62.2	8.89	66.5	9.57	70.8	10.3	79.5	11.7	88.1	13.1
	18	44.9	6.49	53.5	7.73	62.2	9.06	66.5	9.74	70.8	10.4	79.5	11.9	88.1	13.4
	20	44.9	6.60	53.5	7.87	62.2	9.23	66.5	9.93	70.8	10.7	79.5	12.1	88.1	13.8
	21	44.9	6.65	53.5	7.94	62.2	9.32	66.5	10.0	70.8	10.8	79.5	12.3	88.1	14.3
	23	44.9	6.77	53.5	8.09	62.2	9.51	66.5	10.4	70.8	11.3	79.5	13.2	88.1	15.3
	25	44.9	6.89	53.5	8.41	62.2	10.1	66.5	11.1	70.8	12.0	79.5	14.1	88.1	16.3
	27	44.9	7.28	53.5	8.95	62.2	10.8	66.5	11.8	70.8	12.8	79.5	15.1	88.1	17.5
	29	44.9	7.73	53.5	9.52	62.2	11.5	66.5	12.6	70.8	13.7	79.5	16.1	88.1	18.6
	31	44.9	8.19	53.5	10.1	62.2	12.2	66.5	13.4	70.8	14.6	79.5	17.1	88.1	19.9
	33	44.9	8.68	53.5	10.7	62.2	13.0	66.5	14.2	70.8	15.5	79.5	18.3	88.1	21.2
	35	44.9	9.20	53.5	11.4	62.2	13.8	66.5	15.1	70.8	16.5	79.5	19.4	88.1	22.6
	37	44.9	9.73	53.5	12.1	62.2	14.7	66.5	16.1	70.8	17.6	79.5	20.7	88.1	24.1
	39	44.9	10.3	53.5	12.8	62.2	15.6	66.5	17.1	70.8	18.7	79.5	22.0	88.1	25.7
60% (510)	10	38.5	5.30	45.9	6.22	53.3	7.20	57.0	7.71	60.7	8.23	68.1	9.31	75.5	10.4
	12	38.5	5.37	45.9	6.31	53.3	7.31	57.0	7.84	60.7	8.37	68.1	9.47	75.5	10.6
	14	38.5	5.45	45.9	6.41	53.3	7.44	57.0	7.97	60.7	8.52	68.1	9.65	75.5	10.8
	16	38.5	5.53	45.9	6.52	53.3	7.56	57.0	8.11	60.7	8.67	68.1	9.82	75.5	11.0
	18	38.5	5.62	45.9	6.63	53.3	7.70	57.0	8.26	60.7	8.83	68.1	10.0	75.5	11.2
	20	38.5	5.71	45.9	6.74	53.3	7.84	57.0	8.41	60.7	8.99	68.1	10.2	75.5	11.5
	21	38.5	5.75	45.9	6.80	53.3	7.91	57.0	8.49	60.7	9.08	68.1	10.3	75.5	11.6
	23	38.5	5.85	45.9	6.92	53.3	8.05	57.0	8.65	60.7	9.25	68.1	10.7	75.5	12.3
	25	38.5	5.94	45.9	7.04	53.3	8.37	57.0	9.09	60.7	9.84	68.1	11.4	75.5	13.1
	27	38.5	6.16	45.9	7.47	53.3	8.90	57.0	9.67	60.7	10.5	68.1	12.2	75.5	14.0
	29	38.5	6.53	45.9	7.92	53.3	9.47	57.0	10.3	60.7	11.2	68.1	13.0	75.5	15.0
	31	38.5	6.91	45.9	8.40	53.3	10.1	57.0	10.9	60.7	11.9	68.1	13.8	75.5	15.9
	33	38.5	7.31	45.9	8.91	53.3	10.7	57.0	11.6	60.7	12.6	68.1	14.7	75.5	17.0
	35	38.5	7.73	45.9	9.44	53.3	11.3	57.0	12.3	60.7	13.4	68.1	15.6	75.5	18.1
	37	38.5	8.17	45.9	9.99	53.3	12.0	57.0	13.1	60.7	14.2	68.1	16.6	75.5	19.2
	39	38.5	8.63	45.9	10.6	53.3	12.7	57.0	13.9	60.7	15.1	68.1	17.7	75.5	20.4
50% (425)	10	32.1	4.55	38.2	5.27	44.4	6.03	47.5	6.43	50.6	6.83	56.8	7.68	62.9	8.55
	12	32.1	4.61	38.2	5.35	44.4	6.12	47.5	6.53	50.6	6.94	56.8	7.80	62.9	8.70
	14	32.1	4.67	38.2	5.42	44.4	6.22	47.5	6.63	50.6	7.06	56.8	7.94	62.9	8.85
	16	32.1	4.74	38.2	5.50	44.4	6.32	47.5	6.74	50.6	7.18	56.8	8.08	62.9	9.01
	18	32.1	4.80	38.2	5.59	44.4	6.42	47.5	6.85	50.6	7.30	56.8	8.22	62.9	9.18
	20	32.1	4.87	38.2	5.68	44.4	6.53	47.5	6.97	50.6	7.43	56.8	8.37	62.9	9.35
	21	32.1	4.91	38.2	5.72	44.4	6.58	47.5	7.03	50.6	7.50	56.8	8.45	62.9	9.44
	23	32.1	4.98	38.2	5.81	44.4	6.70	47.5	7.16	50.6	7.63	56.8	8.61	62.9	9.66
	25	32.1	5.06	38.2	5.91	44.4	6.82	47.5	7.31	50.6	7.87	56.8	9.04	62.9	10.3
	27	32.1	5.14	38.2	6.12	44.4	7.20	47.5	7.77	50.6	8.36	56.8	9.63	62.9	11.0
	29	32.1	5.43	38.2	6.49	44.4	7.64	47.5	8.25	50.6	8.89	56.8	10.2	62.9	11.7
	31	32.1	5.74	38.2	6.87	44.4	8.10	47.5	8.75	50.6	9.44	56.8	10.9	62.9	12.4
	33	32.1	6.06	38.2	7.26	44.4	8.58	47.5	9.28	50.6	10.0	56.8	11.6	62.9	13.2
	35	32.1	6.40	38.2	7.68	44.4	9.08	47.5	9.83	50.6	10.6	56.8	12.3	62.9	14.1
	37	32.1	6.75	38.2	8.12	44.4	9.61	47.5	10.4	50.6	11.3	56.8	13.0	62.9	14.9
	39	32.1	7.12	38.2	8.57	44.4	10.2	47.5	11.0	50.6	11.9	56.8	13.8	62.9	15.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ36TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1170)	10	88.2	12.4	105	15.2	122	18.1	127	18.5	128	18.1	131	17.4	135	16.6
	12	88.2	12.7	105	15.5	122	18.5	125	18.4	127	18.0	130	17.2	133	17.0
	14	88.2	12.9	105	15.8	122	18.7	123	18.3	125	17.9	128	17.8	131	17.9
	16	88.2	13.2	105	16.1	120	18.6	122	18.5	123	18.6	126	18.7	130	18.9
	18	88.2	13.4	105	16.4	118	19.3	120	19.4	122	19.5	125	19.7	128	19.9
	20	88.2	13.7	105	17.5	117	20.3	118	20.4	120	20.5	123	20.7	126	20.9
	21	88.2	14.1	105	18.1	116	20.7	118	20.8	119	20.9	122	21.1	126	21.3
	23	88.2	15.1	105	19.4	114	21.7	116	21.8	118	21.9	121	22.1	124	22.3
	25	88.2	16.1	105	20.8	113	22.6	114	22.7	116	22.9	119	23.1	122	23.3
	27	88.2	17.2	105	22.3	111	23.6	113	23.7	114	23.8	117	24.1	121	24.3
	29	88.2	18.4	105	23.8	109	24.5	111	24.7	113	24.8	116	25.1	119	25.3
	31	88.2	19.6	105	25.2	108	25.5	109	25.6	111	25.8	114	26.0	117	26.3
	33	88.2	20.9	103	26.2	106	26.5	108	26.6	109	26.7	113	27.0	116	27.3
	35	88.2	22.2	101	27.1	105	27.4	106	27.6	108	27.7	111	28.0	114	28.4
	37	88.2	23.7	99.7	28.1	103	28.4	105	28.6	106	28.7	109	29.0	112	29.4
	39	88.2	25.2	98.1	29.0	101	29.4	103	29.5	104	29.7	108	30.1	111	30.4
120% (1080)	10	81.4	11.4	97.1	13.9	113	16.5	121	17.8	126	18.6	129	17.9	132	17.2
	12	81.4	11.6	97.1	14.1	113	16.8	121	18.2	125	18.5	127	17.8	130	17.1
	14	81.4	11.8	97.1	14.4	113	17.1	121	18.5	123	18.4	126	17.7	129	17.8
	16	81.4	12.0	97.1	14.7	113	17.5	120	18.7	121	18.4	124	18.6	127	18.8
	18	81.4	12.2	97.1	15.0	113	18.1	118	19.3	120	19.4	123	19.6	125	19.7
	20	81.4	12.5	97.1	15.6	113	19.4	117	20.2	118	20.3	121	20.5	124	20.7
	21	81.4	12.6	97.1	16.1	113	20.1	116	20.7	117	20.8	120	21.0	123	21.2
	23	81.4	13.5	97.1	17.3	113	21.5	114	21.7	116	21.8	118	22.0	121	22.2
	25	81.4	14.4	97.1	18.5	111	22.5	112	22.6	114	22.7	117	22.9	120	23.1
	27	81.4	15.4	97.1	19.8	109	23.4	111	23.5	112	23.7	115	23.9	118	24.1
	29	81.4	16.4	97.1	21.1	108	24.4	109	24.5	111	24.6	114	24.9	117	25.1
	31	81.4	17.5	97.1	22.5	106	25.3	108	25.5	109	25.6	112	25.8	115	26.1
	33	81.4	18.6	97.1	24.1	104	26.3	106	26.4	107	26.6	110	26.8	113	27.1
	35	81.4	19.8	97.1	25.6	103	27.2	104	27.4	106	27.5	109	27.8	112	28.1
	37	81.4	21.1	97.1	27.3	101	28.2	103	28.4	104	28.5	107	28.8	110	29.1
	39	81.4	22.4	96.6	28.9	99.5	29.2	101	29.3	102	29.5	105	29.8	108	30.1
110% (990)	10	74.6	10.3	89.0	12.6	103	14.9	111	16.1	118	17.4	127	18.4	130	17.8
	12	74.6	10.5	89.0	12.8	103	15.2	111	16.4	118	17.7	125	18.3	128	17.7
	14	74.6	10.7	89.0	13.0	103	15.5	111	16.8	118	18.0	124	18.2	126	17.7
	16	74.6	10.9	89.0	13.3	103	15.8	111	17.1	118	18.4	122	18.5	125	18.6
	18	74.6	11.1	89.0	13.6	103	16.1	111	17.6	118	19.3	120	19.4	123	19.6
	20	74.6	11.3	89.0	13.8	103	17.1	111	18.9	116	20.2	119	20.4	121	20.5
	21	74.6	11.4	89.0	14.2	103	17.7	111	19.5	115	20.7	118	20.8	121	21.0
	23	74.6	12.0	89.0	15.3	103	19.0	111	21.0	114	21.6	116	21.8	119	22.0
	25	74.6	12.8	89.0	16.3	103	20.3	111	22.5	112	22.6	115	22.8	117	23.0
	27	74.6	13.6	89.0	17.4	103	21.7	109	23.4	110	23.5	113	23.7	116	23.9
	29	74.6	14.5	89.0	18.6	103	23.2	107	24.3	109	24.5	111	24.7	114	24.9
	31	74.6	15.5	89.0	19.8	103	24.8	106	25.3	107	25.4	110	25.7	112	25.9
	33	74.6	16.5	89.0	21.2	103	26.1	104	26.2	105	26.4	108	26.6	111	26.9
	35	74.6	17.5	89.0	22.5	101	27.1	102	27.2	104	27.3	106	27.6	109	27.9
	37	74.6	18.6	89.0	24.0	99.4	28.0	101	28.2	102	28.3	105	28.6	107	28.9
	39	74.6	19.8	89.0	25.6	97.8	29.0	99.1	29.1	100	29.3	103	29.6	106	29.9
100% (900)	10	67.8	9.31	80.9	11.3	94.0	13.4	101	14.5	107	15.5	120	17.8	127	18.4
	12	67.8	9.47	80.9	11.5	94.0	13.6	101	14.7	107	15.8	120	18.1	125	18.3
	14	67.8	9.64	80.9	11.7	94.0	13.9	101	15.0	107	16.1	120	18.5	124	18.2
	16	67.8	9.82	80.9	11.9	94.0	14.2	101	15.3	107	16.5	120	18.7	122	18.5
	18	67.8	10.0	80.9	12.2	94.0	14.4	101	15.6	107	16.8	118	19.3	121	19.4
	20	67.8	10.2	80.9	12.4	94.0	14.9	101	16.4	107	18.0	116	20.2	119	20.4
	21	67.8	10.3	80.9	12.5	94.0	15.4	101	17.0	107	18.6	116	20.7	118	20.9
	23	67.8	10.6	80.9	13.4	94.0	16.5	101	18.2	107	20.0	114	21.6	116	21.8
	25	67.8	11.3	80.9	14.3	94.0	17.6	101	19.5	107	21.4	112	22.6	115	22.8
	27	67.8	12.0	80.9	15.2	94.0	18.9	101	20.8	107	22.9	111	23.5	113	23.7
	29	67.8	12.8	80.9	16.2	94.0	20.1	101	22.2	107	24.3	109	24.5	112	24.7
	31	67.8	13.6	80.9	17.3	94.0	21.5	101	23.7	105	25.2	107	25.5	110	25.7
	33	67.8	14.5	80.9	18.4	94.0	22.9	101	25.3	103	26.2	106	26.4	108	26.6
	35	67.8	15.4	80.9	19.6	94.0	24.4	101	27.0	102	27.1	104	27.4	107	27.6
	37	67.8	16.3	80.9	20.9	94.0	26.0	98.9	28.0	100	28.1	103	28.4	105	28.6
	39	67.8	17.4	80.9	22.2	94.0	27.7	97.2	28.9	98.5	29.1	101	29.3	103	29.6
90% (810)	10	61.0	8.33	72.8	10.1	84.6	11.9	90.4	12.8	96.3	13.8	108	15.7	120	17.7
	12	61.0	8.47	72.8	10.2	84.6	12.1	90.4	13.0	96.3	14.0	108	16.0	120	18.1
	14	61.0	8.62	72.8	10.4	84.6	12.3	90.4	13.3	96.3	14.3	108	16.3	120	18.4
	16	61.0	8.77	72.8	10.6	84.6	12.5	90.4	13.5	96.3	14.6	108	16.6	120	18.7
	18	61.0	8.93	72.8	10.8	84.6	12.8	90.4	13.8	96.3	14.9	108	17.0	118	19.3
	20	61.0	9.10	72.8	11.0	84.6	13.0	90.4	14.1	96.3	15.4	108	18.2	116	20.2
	21	61.0	9.18	72.8	11.1	84.6	13.3	90.4	14.6	96.3	16.0	108	18.9	116	20.7
	23	61.0	9.36	72.8	11.6	84.6	14.2	90.4	15.6	96.3	17.1	108	20.3	114	21.6
	25	61.0	9.85	72.8	12.4	84.6	15.2	90.4	16.7	96.3	18.3	108	21.7	112	22.6
	27	61.0	10.5	72.8	13.2	84.6	16.2	90.4	17.8	96.3	19.6	108	23.2	111	23.5
	29	61.0	11.2	72.8	14.1	84.6	17.3	90.4	19.0	96.3	20.9	107	24.3	109	24.5
	31	61.0	11.9	72.8	15.0	84.6	18.4	90.4	20.3	96.3	22.3	105	25.3	107	25.4
	33	61.0	12.6	72.8	15.9	84.6	19.6	90.4	21.7	96.3	23.8	104	26.2	106	26.4
	35	61.0	13.4	72.8	16.9	84.6	20.9	90.4	23.1	96.3	25.4	102	27.2	104	27.4
	37	61.0	14.2	72.8	18.0	84.6	22.3	90.4	24.6	96.3	27.0	100	28.1	102	28.3
	39	61.0	15.1	72.8	19.1	84.6	23.7	90.4	26.2	96.3	28.8	98.7	29.1	101	29.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (720)	10	54.3	7.40	64.7	8.86	75.2	10.4	80.4	11.2	85.6	12.0	96.1	13.7	107	15.5
	12	54.3	7.52	64.7	9.01	75.2	10.6	80.4	11.4	85.6	12.3	96.1	14.0	107	15.8
	14	54.3	7.64	64.7	9.17	75.2	10.8	80.4	11.6	85.6	12.5	96.1	14.3	107	16.1
	16	54.3	7.77	64.7	9.33	75.2	11.0	80.4	11.8	85.6	12.7	96.1	14.5	107	16.4
	18	54.3	7.91	64.7	9.50	75.2	11.2	80.4	12.1	85.6	13.0	96.1	14.8	107	16.7
	20	54.3	8.05	64.7	9.68	75.2	11.4	80.4	12.3	85.6	13.2	96.1	15.4	107	17.9
	21	54.3	8.12	64.7	9.77	75.2	11.5	80.4	12.4	85.6	13.5	96.1	15.9	107	18.5
	23	54.3	8.27	64.7	9.96	75.2	12.1	80.4	13.2	85.6	14.5	96.1	17.0	107	19.8
	25	54.3	8.54	64.7	10.6	75.2	12.9	80.4	14.2	85.6	15.5	96.1	18.2	107	21.2
	27	54.3	9.08	64.7	11.3	75.2	13.8	80.4	15.1	85.6	16.5	96.1	19.5	107	22.7
	29	54.3	9.65	64.7	12.0	75.2	14.7	80.4	16.1	85.6	17.6	96.1	20.8	107	24.3
	31	54.3	10.2	64.7	12.8	75.2	15.6	80.4	17.2	85.6	18.8	96.1	22.2	105	25.2
	33	54.3	10.9	64.7	13.6	75.2	16.6	80.4	18.3	85.6	20.0	96.1	23.7	103	26.2
	35	54.3	11.5	64.7	14.4	75.2	17.7	80.4	19.5	85.6	21.3	96.1	25.3	102	27.1
	37	54.3	12.2	64.7	15.3	75.2	18.8	80.4	20.7	85.6	22.7	96.1	26.9	100	28.1
	39	54.3	13.0	64.7	16.3	75.2	20.0	80.4	22.0	85.6	24.1	96.1	28.7	98.4	29.1
70% (630)	10	47.5	6.50	56.6	7.72	65.8	9.01	70.3	9.68	74.9	10.4	84.1	11.8	93.2	13.3
	12	47.5	6.60	56.6	7.85	65.8	9.17	70.3	9.85	74.9	10.6	84.1	12.0	93.2	13.5
	14	47.5	6.71	56.6	7.98	65.8	9.33	70.3	10.0	74.9	10.8	84.1	12.2	93.2	13.8
	16	47.5	6.81	56.6	8.12	65.8	9.50	70.3	10.2	74.9	11.0	84.1	12.5	93.2	14.0
	18	47.5	6.93	56.6	8.26	65.8	9.67	70.3	10.4	74.9	11.2	84.1	12.7	93.2	14.3
	20	47.5	7.04	56.6	8.41	65.8	9.85	70.3	10.6	74.9	11.4	84.1	13.0	93.2	14.7
	21	47.5	7.10	56.6	8.48	65.8	9.95	70.3	10.7	74.9	11.5	84.1	13.2	93.2	15.2
	23	47.5	7.23	56.6	8.64	65.8	10.2	70.3	11.1	74.9	12.0	84.1	14.1	93.2	16.3
	25	47.5	7.36	56.6	8.98	65.8	10.8	70.3	11.8	74.9	12.9	84.1	15.1	93.2	17.4
	27	47.5	7.78	56.6	9.56	65.8	11.5	70.3	12.6	74.9	13.7	84.1	16.1	93.2	18.6
	29	47.5	8.25	56.6	10.2	65.8	12.3	70.3	13.4	74.9	14.6	84.1	17.2	93.2	19.9
	31	47.5	8.75	56.6	10.8	65.8	13.1	70.3	14.3	74.9	15.6	84.1	18.3	93.2	21.2
	33	47.5	9.27	56.6	11.5	65.8	13.9	70.3	15.2	74.9	16.6	84.1	19.5	93.2	22.7
	35	47.5	9.82	56.6	12.2	65.8	14.8	70.3	16.2	74.9	17.6	84.1	20.8	93.2	24.1
	37	47.5	10.4	56.6	12.9	65.8	15.7	70.3	17.2	74.9	18.7	84.1	22.1	93.2	25.7
	39	47.5	11.0	56.6	13.7	65.8	16.6	70.3	18.2	74.9	19.9	84.1	23.5	93.2	27.4
60% (540)	10	40.7	5.66	48.5	6.64	56.4	7.69	60.3	8.23	64.2	8.79	72.1	9.94	79.9	11.1
	12	40.7	5.74	48.5	6.74	56.4	7.81	60.3	8.37	64.2	8.94	72.1	10.1	79.9	11.3
	14	40.7	5.82	48.5	6.85	56.4	7.94	60.3	8.51	64.2	9.10	72.1	10.3	79.9	11.6
	16	40.7	5.91	48.5	6.96	56.4	8.08	60.3	8.66	64.2	9.26	72.1	10.5	79.9	11.8
	18	40.7	6.00	48.5	7.08	56.4	8.22	60.3	8.82	64.2	9.43	72.1	10.7	79.9	12.0
	20	40.7	6.09	48.5	7.20	56.4	8.37	60.3	8.98	64.2	9.60	72.1	10.9	79.9	12.2
	21	40.7	6.14	48.5	7.26	56.4	8.44	60.3	9.06	64.2	9.70	72.1	11.0	79.9	12.4
	23	40.7	6.24	48.5	7.39	56.4	8.60	60.3	9.23	64.2	9.88	72.1	11.4	79.9	13.1
	25	40.7	6.35	48.5	7.52	56.4	8.94	60.3	9.70	64.2	10.5	72.1	12.2	79.9	14.0
	27	40.7	6.58	48.5	7.97	56.4	9.51	60.3	10.3	64.2	11.2	72.1	13.0	79.9	15.0
	29	40.7	6.97	48.5	8.46	56.4	10.1	60.3	11.0	64.2	11.9	72.1	13.9	79.9	16.0
	31	40.7	7.38	48.5	8.98	56.4	10.7	60.3	11.7	64.2	12.7	72.1	14.8	79.9	17.0
	33	40.7	7.81	48.5	9.51	56.4	11.4	60.3	12.4	64.2	13.5	72.1	15.7	79.9	18.1
	35	40.7	8.26	48.5	10.1	56.4	12.1	60.3	13.2	64.2	14.3	72.1	16.7	79.9	19.3
	37	40.7	8.72	48.5	10.7	56.4	12.8	60.3	14.0	64.2	15.2	72.1	17.8	79.9	20.5
	39	40.7	9.22	48.5	11.3	56.4	13.6	60.3	14.8	64.2	16.1	72.1	18.9	79.9	21.8
50% (450)	10	33.9	4.86	40.4	5.63	47.0	6.44	50.2	6.86	53.5	7.30	60.1	8.20	66.6	9.13
	12	33.9	4.93	40.4	5.71	47.0	6.54	50.2	6.97	53.5	7.42	60.1	8.33	66.6	9.29
	14	33.9	4.99	40.4	5.79	47.0	6.64	50.2	7.08	53.5	7.54	60.1	8.48	66.6	9.45
	16	33.9	5.06	40.4	5.88	47.0	6.75	50.2	7.20	53.5	7.66	60.1	8.63	66.6	9.63
	18	33.9	5.13	40.4	5.97	47.0	6.86	50.2	7.32	53.5	7.80	60.1	8.78	66.6	9.80
	20	33.9	5.20	40.4	6.06	47.0	6.97	50.2	7.45	53.5	7.93	60.1	8.94	66.6	9.99
	21	33.9	5.24	40.4	6.11	47.0	7.03	50.2	7.51	53.5	8.00	60.1	9.03	66.6	10.1
	23	33.9	5.32	40.4	6.21	47.0	7.15	50.2	7.65	53.5	8.15	60.1	9.20	66.6	10.3
	25	33.9	5.40	40.4	6.31	47.0	7.28	50.2	7.81	53.5	8.40	60.1	9.66	66.6	11.0
	27	33.9	5.49	40.4	6.54	47.0	7.68	50.2	8.30	53.5	8.93	60.1	10.3	66.6	11.7
	29	33.9	5.80	40.4	6.93	47.0	8.15	50.2	8.81	53.5	9.49	60.1	10.9	66.6	12.5
	31	33.9	6.13	40.4	7.33	47.0	8.65	50.2	9.35	53.5	10.1	60.1	11.6	66.6	13.3
	33	33.9	6.48	40.4	7.76	47.0	9.16	50.2	9.91	53.5	10.7	60.1	12.3	66.6	14.1
	35	33.9	6.83	40.4	8.20	47.0	9.70	50.2	10.5	53.5	11.3	60.1	13.1	66.6	15.0
	37	33.9	7.21	40.4	8.67	47.0	10.3	50.2	11.1	53.5	12.0	60.1	13.9	66.6	15.9
	39	33.9	7.60	40.4	9.15	47.0	10.9	50.2	11.8	53.5	12.7	60.1	14.8	66.6	16.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ38TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1235)	10	92.9	13.6	111	16.7	129	19.8	133	20.3	135	19.9	138	19.0	142	18.2
	12	92.9	13.9	111	17.0	129	20.2	132	20.2	133	19.7	137	18.9	140	18.6
	14	92.9	14.1	111	17.3	128	20.5	130	20.1	132	19.6	135	19.5	138	19.7
	16	92.9	14.4	111	17.7	127	20.4	128	20.2	130	20.3	133	20.5	137	20.7
	18	92.9	14.7	111	18.0	125	21.2	126	21.3	128	21.4	132	21.6	135	21.8
	20	92.9	15.0	111	19.2	123	22.2	125	22.3	126	22.4	130	22.6	133	22.9
	21	92.9	15.4	111	19.9	122	22.7	124	22.8	126	22.9	129	23.2	132	23.4
	23	92.9	16.5	111	21.3	121	23.7	122	23.9	124	24.0	127	24.2	131	24.5
	25	92.9	17.6	111	22.8	119	24.8	120	24.9	122	25.0	125	25.3	129	25.6
	27	92.9	18.9	111	24.4	117	25.8	119	26.0	120	26.1	124	26.4	127	26.6
	29	92.9	20.1	111	26.1	115	26.9	117	27.0	119	27.2	122	27.5	125	27.7
	31	92.9	21.5	110	27.6	114	27.9	115	28.1	117	28.2	120	28.5	124	28.8
	33	92.9	22.9	109	28.7	112	29.0	114	29.1	115	29.3	119	29.6	122	30.0
	35	92.9	24.4	107	29.7	110	30.0	112	30.2	114	30.4	117	30.7	120	31.1
	37	92.9	25.9	105	30.8	108	31.1	110	31.3	112	31.5	115	31.8	118	32.2
	39	92.9	27.6	103	31.8	107	32.2	108	32.4	110	32.6	113	32.9	117	33.3
120% (1140)	10	85.8	12.5	102	15.2	119	18.1	127	19.6	133	20.4	136	19.6	139	18.8
	12	85.8	12.7	102	15.5	119	18.4	127	19.9	131	20.3	134	19.5	137	18.7
	14	85.8	12.9	102	15.8	119	18.8	127	20.3	129	20.2	133	19.4	136	19.5
	16	85.8	13.2	102	16.1	119	19.2	126	20.5	128	20.2	131	20.4	134	20.6
	18	85.8	13.4	102	16.4	119	19.8	125	21.1	126	21.2	129	21.4	132	21.6
	20	85.8	13.7	102	17.1	119	21.3	123	22.2	124	22.3	127	22.5	131	22.7
	21	85.8	13.8	102	17.7	119	22.1	122	22.7	123	22.8	127	23.0	130	23.2
	23	85.8	14.8	102	18.9	119	23.6	120	23.7	122	23.8	125	24.1	128	24.3
	25	85.8	15.8	102	20.3	117	24.6	118	24.8	120	24.9	123	25.1	126	25.4
	27	85.8	16.8	102	21.7	115	25.7	117	25.8	118	25.9	121	26.2	124	26.4
	29	85.8	18.0	102	23.1	113	26.7	115	26.8	117	27.0	120	27.2	123	27.5
	31	85.8	19.1	102	24.7	112	27.8	113	27.9	115	28.0	118	28.3	121	28.6
	33	85.8	20.4	102	26.4	110	28.8	112	29.0	113	29.1	116	29.4	119	29.7
	35	85.8	21.7	102	28.1	108	29.9	110	30.0	111	30.2	115	30.5	118	30.8
	37	85.8	23.1	102	29.9	107	30.9	108	31.1	110	31.2	113	31.6	116	31.9
	39	85.8	24.6	102	31.6	105	32.0	106	32.1	108	32.3	111	32.7	114	33.0
110% (1045)	10	78.6	11.3	93.8	13.8	109	16.4	116	17.7	124	19.0	134	20.2	137	19.5
	12	78.6	11.5	93.8	14.0	109	16.7	116	18.0	124	19.4	132	20.1	135	19.4
	14	78.6	11.7	93.8	14.3	109	17.0	116	18.4	124	19.8	130	20.0	133	19.4
	16	78.6	11.9	93.8	14.6	109	17.3	116	18.7	124	20.1	129	20.3	131	20.4
	18	78.6	12.2	93.8	14.9	109	17.7	116	19.2	124	21.1	127	21.3	130	21.5
	20	78.6	12.4	93.8	15.2	109	18.7	116	20.7	122	22.1	125	22.3	128	22.5
	21	78.6	12.5	93.8	15.6	109	19.4	116	21.4	121	22.7	124	22.8	127	23.0
	23	78.6	13.1	93.8	16.7	109	20.8	116	23.0	120	23.7	122	23.9	125	24.1
	25	78.6	14.0	93.8	17.9	109	22.2	116	24.6	118	24.7	121	24.9	124	25.2
	27	78.6	14.9	93.8	19.1	109	23.8	115	25.6	116	25.8	119	26.0	122	26.2
	29	78.6	15.9	93.8	20.4	109	25.4	113	26.7	114	26.8	117	27.0	120	27.3
	31	78.6	17.0	93.8	21.7	109	27.1	111	27.7	113	27.8	116	28.1	118	28.4
	33	78.6	18.0	93.8	23.2	108	28.6	110	28.8	111	28.9	114	29.2	117	29.4
	35	78.6	19.2	93.8	24.7	106	29.7	108	29.8	109	30.0	112	30.2	115	30.5
	37	78.6	20.4	93.8	26.3	105	30.7	106	30.9	108	31.0	110	31.3	113	31.6
	39	78.6	21.7	93.8	28.0	103	31.8	104	31.9	106	32.1	109	32.4	112	32.7
100% (950)	10	71.5	10.2	85.2	12.4	99.0	14.7	106	15.8	113	17.0	127	19.5	134	20.1
	12	71.5	10.4	85.2	12.6	99.0	14.9	106	16.1	113	17.4	127	19.8	132	20.0
	14	71.5	10.6	85.2	12.8	99.0	15.2	106	16.4	113	17.7	127	20.2	130	19.9
	16	71.5	10.8	85.2	13.1	99.0	15.5	106	16.8	113	18.0	126	20.5	129	20.3
	18	71.5	11.0	85.2	13.3	99.0	15.8	106	17.1	113	18.4	124	21.1	127	21.3
	20	71.5	11.2	85.2	13.6	99.0	16.3	106	18.0	113	19.7	123	22.2	125	22.3
	21	71.5	11.3	85.2	13.7	99.0	16.9	106	18.6	113	20.4	122	22.7	124	22.9
	23	71.5	11.6	85.2	14.6	99.0	18.1	106	19.9	113	21.9	120	23.7	123	23.9
	25	71.5	12.3	85.2	15.6	99.0	19.3	106	21.3	113	23.4	118	24.8	121	25.0
	27	71.5	13.2	85.2	16.7	99.0	20.7	106	22.8	113	25.1	117	25.8	119	26.0
	29	71.5	14.0	85.2	17.8	99.0	22.1	106	24.4	112	26.6	115	26.8	118	27.1
	31	71.5	14.9	85.2	19.0	99.0	23.5	106	26.0	111	27.7	113	27.9	116	28.1
	33	71.5	15.9	85.2	20.2	99.0	25.1	106	27.8	109	28.7	111	28.9	114	29.2
	35	71.5	16.9	85.2	21.5	99.0	26.8	106	29.6	107	29.7	110	30.0	112	30.3
	37	71.5	17.9	85.2	22.9	99.0	28.5	104	30.7	105	30.8	108	31.1	111	31.3
	39	71.5	19.0	85.2	24.4	99.0	30.4	102	31.7	104	31.8	106	32.1	109	32.4
90% (855)	10	64.3	9.13	76.7	11.0	89.1	13.0	95.3	14.0	102	15.1	114	17.2	126	19.4
	12	64.3	9.29	76.7	11.2	89.1	13.2	95.3	14.3	102	15.4	114	17.6	126	19.8
	14	64.3	9.45	76.7	11.4	89.1	13.5	95.3	14.6	102	15.7	114	17.9	126	20.2
	16	64.3	9.61	76.7	11.6	89.1	13.7	95.3	14.8	102	16.0	114	18.2	126	20.5
	18	64.3	9.79	76.7	11.8	89.1	14.0	95.3	15.1	102	16.3	114	18.6	124	21.1
	20	64.3	9.97	76.7	12.1	89.1	14.3	95.3	15.4	102	16.9	114	20.0	123	22.2
	21	64.3	10.1	76.7	12.2	89.1	14.5	95.3	16.0	102	17.5	114	20.7	122	22.7
	23	64.3	10.3	76.7	12.7	89.1	15.6	95.3	17.1	102	18.7	114	22.2	120	23.7
	25	64.3	10.8	76.7	13.6	89.1	16.6	95.3	18.3	102	20.0	114	23.8	118	24.8
	27	64.3	11.5	76.7	14.5	89.1	17.8	95.3	19.6	102	21.4	114	25.5	117	25.8
	29	64.3	12.2	76.7	15.4	89.1	19.0	95.3	20.9	102	22.9	113	26.6	115	26.8
	31	64.3	13.0	76.7	16.4	89.1	20.2	95.3	22.3	102	24.4	111	27.7	113	27.9
	33	64.3	13.8	76.7	17.5	89.1	21.5	95.3	23.7	102	26.1	109	28.7	111	28.9
	35	64.3	14.7	76.7	18.6	89.1	22.9	95.3	25.3	102	27.8	107	29.8	110	30.0
	37	64.3	15.6	76.7	19.7	89.1	24.4	95.3	26.9	102	29.6	106	30.8	108	31.1
	39	64.3	16.5	76.7	21.0	89.1	26.0	95.3	28.7	102	31.5	104	31.9	106	32.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (760)	10	57.2	8.11	68.2	9.71	79.2	11.4	84.7	12.3	90.2	13.2	101	15.0	112	16.9
	12	57.2	8.24	68.2	9.87	79.2	11.6	84.7	12.5	90.2	13.4	101	15.3	112	17.3
	14	57.2	8.37	68.2	10.0	79.2	11.8	84.7	12.7	90.2	13.7	101	15.6	112	17.6
	16	57.2	8.51	68.2	10.2	79.2	12.0	84.7	13.0	90.2	13.9	101	15.9	112	17.9
	18	57.2	8.66	68.2	10.4	79.2	12.3	84.7	13.2	90.2	14.2	101	16.2	112	18.3
	20	57.2	8.82	68.2	10.6	79.2	12.5	84.7	13.5	90.2	14.5	101	16.8	112	19.6
	21	57.2	8.89	68.2	10.7	79.2	12.6	84.7	13.6	90.2	14.8	101	17.4	112	20.3
	23	57.2	9.06	68.2	10.9	79.2	13.2	84.7	14.5	90.2	15.8	101	18.7	112	21.7
	25	57.2	9.35	68.2	11.6	79.2	14.1	84.7	15.5	90.2	16.9	101	20.0	112	23.3
	27	57.2	9.95	68.2	12.4	79.2	15.1	84.7	16.6	90.2	18.1	101	21.4	112	24.9
	29	57.2	10.6	68.2	13.2	79.2	16.1	84.7	17.7	90.2	19.3	101	22.8	112	26.6
	31	57.2	11.2	68.2	14.0	79.2	17.1	84.7	18.8	90.2	20.6	101	24.3	111	27.6
	33	57.2	11.9	68.2	14.9	79.2	18.2	84.7	20.0	90.2	21.9	101	26.0	109	28.7
	35	57.2	12.6	68.2	15.8	79.2	19.4	84.7	21.3	90.2	23.4	101	27.7	107	29.7
	37	57.2	13.4	68.2	16.8	79.2	20.6	84.7	22.7	90.2	24.9	101	29.5	105	30.8
	39	57.2	14.2	68.2	17.8	79.2	21.9	84.7	24.1	90.2	26.5	101	31.4	104	31.8
70% (665)	10	50.0	7.13	59.7	8.46	69.3	9.87	74.1	10.6	78.9	11.4	88.6	12.9	98.2	14.5
	12	50.0	7.24	59.7	8.60	69.3	10.0	74.1	10.8	78.9	11.6	88.6	13.2	98.2	14.8
	14	50.0	7.35	59.7	8.74	69.3	10.2	74.1	11.0	78.9	11.8	88.6	13.4	98.2	15.1
	16	50.0	7.47	59.7	8.89	69.3	10.4	74.1	11.2	78.9	12.0	88.6	13.7	98.2	15.4
	18	50.0	7.59	59.7	9.05	69.3	10.6	74.1	11.4	78.9	12.2	88.6	13.9	98.2	15.7
	20	50.0	7.72	59.7	9.21	69.3	10.8	74.1	11.6	78.9	12.5	88.6	14.2	98.2	16.1
	21	50.0	7.78	59.7	9.30	69.3	10.9	74.1	11.7	78.9	12.6	88.6	14.4	98.2	16.7
	23	50.0	7.92	59.7	9.47	69.3	11.1	74.1	12.1	78.9	13.2	88.6	15.4	98.2	17.9
	25	50.0	8.06	59.7	9.84	69.3	11.9	74.1	13.0	78.9	14.1	88.6	16.5	98.2	19.1
	27	50.0	8.52	59.7	10.5	69.3	12.6	74.1	13.8	78.9	15.0	88.6	17.6	98.2	20.4
	29	50.0	9.04	59.7	11.1	69.3	13.5	74.1	14.7	78.9	16.0	88.6	18.8	98.2	21.8
	31	50.0	9.59	59.7	11.8	69.3	14.3	74.1	15.7	78.9	17.1	88.6	20.0	98.2	23.3
	33	50.0	10.2	59.7	12.6	69.3	15.2	74.1	16.7	78.9	18.2	88.6	21.4	98.2	24.8
	35	50.0	10.8	59.7	13.3	69.3	16.2	74.1	17.7	78.9	19.3	88.6	22.7	98.2	26.5
	37	50.0	11.4	59.7	14.1	69.3	17.2	74.1	18.8	78.9	20.5	88.6	24.2	98.2	28.2
	39	50.0	12.1	59.7	15.0	69.3	18.2	74.1	20.0	78.9	21.8	88.6	25.8	98.2	30.0
60% (570)	10	42.9	6.20	51.1	7.28	59.4	8.42	63.5	9.02	67.7	9.63	75.9	10.9	84.2	12.2
	12	42.9	6.29	51.1	7.39	59.4	8.56	63.5	9.17	67.7	9.79	75.9	11.1	84.2	12.4
	14	42.9	6.38	51.1	7.51	59.4	8.70	63.5	9.33	67.7	9.97	75.9	11.3	84.2	12.7
	16	42.9	6.48	51.1	7.63	59.4	8.85	63.5	9.49	67.7	10.1	75.9	11.5	84.2	12.9
	18	42.9	6.57	51.1	7.75	59.4	9.01	63.5	9.66	67.7	10.3	75.9	11.7	84.2	13.1
	20	42.9	6.68	51.1	7.89	59.4	9.17	63.5	9.84	67.7	10.5	75.9	11.9	84.2	13.4
	21	42.9	6.73	51.1	7.95	59.4	9.25	63.5	9.93	67.7	10.6	75.9	12.1	84.2	13.5
	23	42.9	6.84	51.1	8.09	59.4	9.43	63.5	10.1	67.7	10.8	75.9	12.5	84.2	14.4
	25	42.9	6.96	51.1	8.24	59.4	9.79	63.5	10.6	67.7	11.5	75.9	13.4	84.2	15.4
	27	42.9	7.21	51.1	8.74	59.4	10.4	63.5	11.3	67.7	12.3	75.9	14.3	84.2	16.4
	29	42.9	7.64	51.1	9.27	59.4	11.1	63.5	12.0	67.7	13.1	75.9	15.2	84.2	17.5
	31	42.9	8.09	51.1	9.84	59.4	11.8	63.5	12.8	67.7	13.9	75.9	16.2	84.2	18.7
	33	42.9	8.56	51.1	10.4	59.4	12.5	63.5	13.6	67.7	14.8	75.9	17.2	84.2	19.9
	35	42.9	9.05	51.1	11.0	59.4	13.3	63.5	14.4	67.7	15.7	75.9	18.3	84.2	21.1
	37	42.9	9.56	51.1	11.7	59.4	14.1	63.5	15.3	67.7	16.6	75.9	19.5	84.2	22.5
	39	42.9	10.1	51.1	12.4	59.4	14.9	63.5	16.2	67.7	17.7	75.9	20.7	84.2	23.9
50% (475)	10	35.7	5.33	42.6	6.17	49.5	7.06	52.9	7.52	56.4	8.00	63.3	8.98	70.2	10.0
	12	35.7	5.40	42.6	6.26	49.5	7.17	52.9	7.64	56.4	8.13	63.3	9.13	70.2	10.2
	14	35.7	5.47	42.6	6.35	49.5	7.28	52.9	7.76	56.4	8.26	63.3	9.29	70.2	10.4
	16	35.7	5.54	42.6	6.44	49.5	7.39	52.9	7.89	56.4	8.40	63.3	9.45	70.2	10.5
	18	35.7	5.62	42.6	6.54	49.5	7.51	52.9	8.02	56.4	8.54	63.3	9.62	70.2	10.7
	20	35.7	5.70	42.6	6.64	49.5	7.64	52.9	8.16	56.4	8.69	63.3	9.80	70.2	10.9
	21	35.7	5.74	42.6	6.69	49.5	7.70	52.9	8.23	56.4	8.77	63.3	9.89	70.2	11.0
	23	35.7	5.83	42.6	6.80	49.5	7.84	52.9	8.38	56.4	8.93	63.3	10.1	70.2	11.3
	25	35.7	5.92	42.6	6.92	49.5	7.98	52.9	8.55	56.4	9.20	63.3	10.6	70.2	12.1
	27	35.7	6.01	42.6	7.16	49.5	8.42	52.9	9.09	56.4	9.79	63.3	11.3	70.2	12.8
	29	35.7	6.36	42.6	7.59	49.5	8.94	52.9	9.65	56.4	10.4	63.3	12.0	70.2	13.7
	31	35.7	6.72	42.6	8.03	49.5	9.47	52.9	10.2	56.4	11.0	63.3	12.7	70.2	14.6
	33	35.7	7.10	42.6	8.50	49.5	10.0	52.9	10.9	56.4	11.7	63.3	13.5	70.2	15.5
	35	35.7	7.49	42.6	8.99	49.5	10.6	52.9	11.5	56.4	12.4	63.3	14.4	70.2	16.4
	37	35.7	7.90	42.6	9.50	49.5	11.3	52.9	12.2	56.4	13.2	63.3	15.2	70.2	17.5
	39	35.7	8.33	42.6	10.0	49.5	11.9	52.9	12.9	56.4	14.0	63.3	16.2	70.2	18.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ40TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1300)	10	98.2	14.3	117	17.5	136	20.8	141	21.2	143	20.8	146	19.9	150	19.0
	12	98.2	14.5	117	17.8	136	21.2	139	21.1	141	20.7	145	19.8	148	19.5
	14	98.2	14.8	117	18.1	136	21.5	137	21.0	139	20.6	143	20.4	146	20.6
	16	98.2	15.1	117	18.5	134	21.3	136	21.2	137	21.3	141	21.5	144	21.7
	18	98.2	15.4	117	18.9	132	22.2	134	22.3	136	22.4	139	22.6	143	22.8
	20	98.2	15.7	117	20.1	130	23.2	132	23.4	134	23.5	137	23.7	141	23.9
	21	98.2	16.1	117	20.8	129	23.8	131	23.9	133	24.0	136	24.3	140	24.5
	23	98.2	17.3	117	22.3	127	24.9	129	25.0	131	25.1	135	25.4	138	25.6
	25	98.2	18.5	117	23.9	126	26.0	127	26.1	129	26.2	133	26.5	136	26.8
	27	98.2	19.7	117	25.6	124	27.0	126	27.2	127	27.3	131	27.6	134	27.9
	29	98.2	21.1	117	27.3	122	28.1	124	28.3	126	28.4	129	28.7	133	29.1
	31	98.2	22.5	117	28.9	120	29.2	122	29.4	124	29.6	127	29.9	131	30.2
	33	98.2	23.9	115	30.0	118	30.4	120	30.5	122	30.7	125	31.0	129	31.4
	35	98.2	25.5	113	31.1	117	31.5	118	31.6	120	31.8	124	32.2	127	32.5
	37	98.2	27.2	111	32.2	115	32.6	116	32.8	118	33.0	122	33.3	125	33.7
	39	98.2	28.9	109	33.3	113	33.7	115	33.9	116	34.1	120	34.5	124	34.9
120% (1200)	10	90.7	13.0	108	15.9	126	18.9	134	20.5	141	21.3	144	20.5	147	19.7
	12	90.7	13.3	108	16.2	126	19.3	134	20.9	139	21.2	142	20.4	145	19.6
	14	90.7	13.5	108	16.5	126	19.7	134	21.3	137	21.1	140	20.3	143	20.4
	16	90.7	13.8	108	16.9	126	20.1	133	21.4	135	21.2	138	21.4	142	21.5
	18	90.7	14.1	108	17.2	126	20.7	132	22.1	133	22.2	137	22.4	140	22.6
	20	90.7	14.3	108	17.9	126	22.3	130	23.2	131	23.3	135	23.5	138	23.8
	21	90.7	14.5	108	18.5	126	23.1	129	23.8	131	23.9	134	24.1	137	24.3
	23	90.7	15.5	108	19.8	125	24.7	127	24.8	129	25.0	132	25.2	135	25.4
	25	90.7	16.5	108	21.2	124	25.8	125	25.9	127	26.1	130	26.3	133	26.6
	27	90.7	17.6	108	22.7	122	26.9	123	27.0	125	27.2	128	27.4	132	27.7
	29	90.7	18.8	108	24.2	120	28.0	122	28.1	123	28.3	127	28.5	130	28.8
	31	90.7	20.0	108	25.9	118	29.1	120	29.2	121	29.4	125	29.7	128	30.0
	33	90.7	21.3	108	27.6	116	30.2	118	30.3	120	30.5	123	30.8	126	31.1
	35	90.7	22.7	108	29.4	115	31.3	116	31.4	118	31.6	121	31.9	124	32.3
	37	90.7	24.2	108	31.4	113	32.4	114	32.5	116	32.7	119	33.1	123	33.4
	39	90.7	25.7	108	33.1	111	33.5	113	33.7	114	33.9	117	34.2	121	34.6
110% (1100)	10	83.1	11.8	99.2	14.4	115	17.1	123	18.5	131	19.9	141	21.2	144	20.4
	12	83.1	12.1	99.2	14.7	115	17.5	123	18.9	131	20.3	140	21.0	143	20.3
	14	83.1	12.3	99.2	15.0	115	17.8	123	19.2	131	20.7	138	20.9	141	20.3
	16	83.1	12.5	99.2	15.3	115	18.1	123	19.6	131	21.1	136	21.2	139	21.4
	18	83.1	12.7	99.2	15.6	115	18.5	123	20.1	131	22.1	134	22.3	137	22.5
	20	83.1	13.0	99.2	15.9	115	19.6	123	21.6	129	23.2	132	23.4	135	23.6
	21	83.1	13.1	99.2	16.4	115	20.3	123	22.4	128	23.7	131	23.9	134	24.1
	23	83.1	13.7	99.2	17.5	115	21.8	123	24.1	127	24.8	130	25.0	133	25.2
	25	83.1	14.7	99.2	18.7	115	23.3	123	25.8	125	25.9	128	26.1	131	26.3
	27	83.1	15.6	99.2	20.0	115	24.9	121	26.9	123	27.0	126	27.2	129	27.5
	29	83.1	16.7	99.2	21.3	115	26.6	120	27.9	121	28.1	124	28.3	127	28.6
	31	83.1	17.8	99.2	22.8	115	28.4	118	29.0	119	29.2	122	29.4	125	29.7
	33	83.1	18.9	99.2	24.3	114	30.0	116	30.1	117	30.3	120	30.6	123	30.8
	35	83.1	20.1	99.2	25.9	113	31.1	114	31.2	116	31.4	119	31.7	122	32.0
	37	83.1	21.4	99.2	27.5	111	32.2	112	32.3	114	32.5	117	32.8	120	33.1
	39	83.1	22.7	99.2	29.3	109	33.3	110	33.4	112	33.6	115	33.9	118	34.3
100% (1000)	10	75.6	10.7	90.1	13.0	105	15.3	112	16.6	119	17.8	134	20.4	142	21.1
	12	75.6	10.9	90.1	13.2	105	15.6	112	16.9	119	18.2	134	20.8	140	21.0
	14	75.6	11.1	90.1	13.4	105	15.9	112	17.2	119	18.5	134	21.2	138	20.9
	16	75.6	11.3	90.1	13.7	105	16.2	112	17.6	119	18.9	133	21.4	136	21.2
	18	75.6	11.5	90.1	14.0	105	16.6	112	17.9	119	19.3	132	22.1	134	22.3
	20	75.6	11.7	90.1	14.2	105	17.1	112	18.8	119	20.6	130	23.2	132	23.4
	21	75.6	11.8	90.1	14.4	105	17.7	112	19.5	119	21.4	129	23.8	132	23.9
	23	75.6	12.1	90.1	15.3	105	18.9	112	20.9	119	22.9	127	24.8	130	25.0
	25	75.6	12.9	90.1	16.4	105	20.2	112	22.3	119	24.5	125	25.9	128	26.1
	27	75.6	13.8	90.1	17.5	105	21.6	112	23.9	119	26.3	123	27.0	126	27.2
	29	75.6	14.7	90.1	18.6	105	23.1	112	25.5	119	27.9	122	28.1	124	28.3
	31	75.6	15.6	90.1	19.9	105	24.7	112	27.2	117	29.0	120	29.2	122	29.5
	33	75.6	16.6	90.1	21.2	105	26.3	112	29.1	115	30.1	118	30.3	121	30.6
	35	75.6	17.6	90.1	22.5	105	28.0	112	31.0	113	31.1	116	31.4	119	31.7
	37	75.6	18.7	90.1	24.0	105	29.9	110	32.1	112	32.2	114	32.5	117	32.8
	39	75.6	19.9	90.1	25.5	105	31.8	108	33.2	110	33.4	112	33.7	115	34.0
90% (900)	10	68.0	9.56	81.1	11.5	94.2	13.6	101	14.7	107	15.8	120	18.0	134	20.3
	12	68.0	9.73	81.1	11.7	94.2	13.9	101	15.0	107	16.1	120	18.4	134	20.7
	14	68.0	9.89	81.1	12.0	94.2	14.1	101	15.3	107	16.4	120	18.7	134	21.1
	16	68.0	10.1	81.1	12.2	94.2	14.4	101	15.5	107	16.7	120	19.1	133	21.5
	18	68.0	10.2	81.1	12.4	94.2	14.7	101	15.9	107	17.0	120	19.5	132	22.1
	20	68.0	10.4	81.1	12.6	94.2	15.0	101	16.2	107	17.7	120	20.9	130	23.2
	21	68.0	10.5	81.1	12.8	94.2	15.2	101	16.7	107	18.3	120	21.7	129	23.8
	23	68.0	10.7	81.1	13.3	94.2	16.3	101	17.9	107	19.6	120	23.3	127	24.8
	25	68.0	11.3	81.1	14.2	94.2	17.4	101	19.2	107	21.0	120	24.9	125	25.9
	27	68.0	12.0	81.1	15.1	94.2	18.6	101	20.5	107	22.4	120	26.7	123	27.0
	29	68.0	12.8	81.1	16.1	94.2	19.8	101	21.9	107	24.0	119	27.9	122	28.1
	31	68.0	13.6	81.1	17.2	94.2	21.2	101	23.3	107	25.6	117	29.0	120	29.2
	33	68.0	14.5	81.1	18.3	94.2	22.5	101	24.9	107	27.3	115	30.1	118	30.3
	35	68.0	15.4	81.1	19.4	94.2	24.0	101	26.5	107	29.1	114	31.2	116	31.4
	37	68.0	16.3	81.1	20.7	94.2	25.6	101	28.2	107	31.0	112	32.3	114	32.5
	39	68.0	17.3	81.1	22.0	94.2	27.2	101	30.0	107	33.0	110	33.4	112	33.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (800)	10	60.5	8.49	72.1	10.2	83.8	11.9	89.6	12.9	95.4	13.8	107	15.8	119	17.7
	12	60.5	8.63	72.1	10.3	83.8	12.2	89.6	13.1	95.4	14.1	107	16.0	119	18.1
	14	60.5	8.77	72.1	10.5	83.8	12.4	89.6	13.3	95.4	14.3	107	16.4	119	18.4
	16	60.5	8.92	72.1	10.7	83.8	12.6	89.6	13.6	95.4	14.6	107	16.7	119	18.8
	18	60.5	9.07	72.1	10.9	83.8	12.9	89.6	13.9	95.4	14.9	107	17.0	119	19.2
	20	60.5	9.23	72.1	11.1	83.8	13.1	89.6	14.1	95.4	15.2	107	17.6	119	20.5
	21	60.5	9.31	72.1	11.2	83.8	13.2	89.6	14.3	95.4	15.5	107	18.3	119	21.2
	23	60.5	9.49	72.1	11.4	83.8	13.9	89.6	15.2	95.4	16.6	107	19.6	119	22.8
	25	60.5	9.80	72.1	12.2	83.8	14.8	89.6	16.2	95.4	17.7	107	20.9	119	24.4
	27	60.5	10.4	72.1	13.0	83.8	15.8	89.6	17.3	95.4	18.9	107	22.4	119	26.1
	29	60.5	11.1	72.1	13.8	83.8	16.8	89.6	18.5	95.4	20.2	107	23.9	119	27.9
	31	60.5	11.8	72.1	14.7	83.8	17.9	89.6	19.7	95.4	21.5	107	25.5	117	29.0
	33	60.5	12.5	72.1	15.6	83.8	19.1	89.6	21.0	95.4	23.0	107	27.2	115	30.0
	35	60.5	13.2	72.1	16.6	83.8	20.3	89.6	22.3	95.4	24.5	107	29.0	113	31.1
	37	60.5	14.0	72.1	17.6	83.8	21.6	89.6	23.8	95.4	26.0	107	30.9	111	32.2
	39	60.5	14.9	72.1	18.7	83.8	23.0	89.6	25.3	95.4	27.7	107	32.9	110	33.3
70% (700)	10	52.9	7.46	63.1	8.86	73.3	10.3	78.4	11.1	83.5	11.9	93.7	13.5	104	15.2
	12	52.9	7.58	63.1	9.00	73.3	10.5	78.4	11.3	83.5	12.1	93.7	13.8	104	15.5
	14	52.9	7.70	63.1	9.16	73.3	10.7	78.4	11.5	83.5	12.3	93.7	14.0	104	15.8
	16	52.9	7.82	63.1	9.31	73.3	10.9	78.4	11.7	83.5	12.6	93.7	14.3	104	16.1
	18	52.9	7.95	63.1	9.48	73.3	11.1	78.4	11.9	83.5	12.8	93.7	14.6	104	16.4
	20	52.9	8.08	63.1	9.65	73.3	11.3	78.4	12.2	83.5	13.1	93.7	14.9	104	16.9
	21	52.9	8.15	63.1	9.73	73.3	11.4	78.4	12.3	83.5	13.2	93.7	15.1	104	17.5
	23	52.9	8.29	63.1	9.92	73.3	11.6	78.4	12.7	83.5	13.8	93.7	16.2	104	18.7
	25	52.9	8.44	63.1	10.3	73.3	12.4	78.4	13.6	83.5	14.8	93.7	17.3	104	20.0
	27	52.9	8.92	63.1	11.0	73.3	13.2	78.4	14.5	83.5	15.7	93.7	18.5	104	21.4
	29	52.9	9.47	63.1	11.7	73.3	14.1	78.4	15.4	83.5	16.8	93.7	19.7	104	22.8
	31	52.9	10.0	63.1	12.4	73.3	15.0	78.4	16.4	83.5	17.9	93.7	21.0	104	24.4
	33	52.9	10.6	63.1	13.2	73.3	15.9	78.4	17.4	83.5	19.0	93.7	22.4	104	26.0
	35	52.9	11.3	63.1	14.0	73.3	16.9	78.4	18.5	83.5	20.2	93.7	23.8	104	27.7
	37	52.9	11.9	63.1	14.8	73.3	18.0	78.4	19.7	83.5	21.5	93.7	25.4	104	29.5
	39	52.9	12.6	63.1	15.7	73.3	19.1	78.4	20.9	83.5	22.9	93.7	27.0	104	31.4
60% (600)	10	45.3	6.49	54.1	7.62	62.8	8.82	67.2	9.44	71.6	10.1	80.3	11.4	89.1	12.8
	12	45.3	6.59	54.1	7.74	62.8	8.96	67.2	9.60	71.6	10.3	80.3	11.6	89.1	13.0
	14	45.3	6.68	54.1	7.86	62.8	9.11	67.2	9.77	71.6	10.4	80.3	11.8	89.1	13.3
	16	45.3	6.78	54.1	7.99	62.8	9.27	67.2	9.94	71.6	10.6	80.3	12.0	89.1	13.5
	18	45.3	6.89	54.1	8.12	62.8	9.43	67.2	10.1	71.6	10.8	80.3	12.3	89.1	13.8
	20	45.3	6.99	54.1	8.26	62.8	9.60	67.2	10.3	71.6	11.0	80.3	12.5	89.1	14.0
	21	45.3	7.05	54.1	8.33	62.8	9.69	67.2	10.4	71.6	11.1	80.3	12.6	89.1	14.2
	23	45.3	7.16	54.1	8.48	62.8	9.87	67.2	10.6	71.6	11.3	80.3	13.1	89.1	15.1
	25	45.3	7.28	54.1	8.63	62.8	10.3	67.2	11.1	71.6	12.1	80.3	14.0	89.1	16.1
	27	45.3	7.55	54.1	9.15	62.8	10.9	67.2	11.9	71.6	12.8	80.3	14.9	89.1	17.2
	29	45.3	8.00	54.1	9.71	62.8	11.6	67.2	12.6	71.6	13.7	80.3	15.9	89.1	18.3
	31	45.3	8.47	54.1	10.3	62.8	12.3	67.2	13.4	71.6	14.5	80.3	16.9	89.1	19.5
	33	45.3	8.96	54.1	10.9	62.8	13.1	67.2	14.2	71.6	15.4	80.3	18.0	89.1	20.8
	35	45.3	9.47	54.1	11.6	62.8	13.9	67.2	15.1	71.6	16.4	80.3	19.2	89.1	22.1
	37	45.3	10.0	54.1	12.2	62.8	14.7	67.2	16.0	71.6	17.4	80.3	20.4	89.1	23.6
	39	45.3	10.6	54.1	13.0	62.8	15.6	67.2	17.0	71.6	18.5	80.3	21.7	89.1	25.1
50% (500)	10	37.8	5.58	45.1	6.46	52.4	7.39	56.0	7.88	59.6	8.38	66.9	9.41	74.2	10.5
	12	37.8	5.65	45.1	6.55	52.4	7.50	56.0	8.00	59.6	8.51	66.9	9.56	74.2	10.7
	14	37.8	5.73	45.1	6.65	52.4	7.62	56.0	8.13	59.6	8.65	66.9	9.73	74.2	10.8
	16	37.8	5.81	45.1	6.74	52.4	7.74	56.0	8.26	59.6	8.80	66.9	9.90	74.2	11.0
	18	37.8	5.89	45.1	6.85	52.4	7.87	56.0	8.40	59.6	8.95	66.9	10.1	74.2	11.2
	20	37.8	5.97	45.1	6.95	52.4	8.00	56.0	8.55	59.6	9.10	66.9	10.3	74.2	11.5
	21	37.8	6.01	45.1	7.01	52.4	8.07	56.0	8.62	59.6	9.19	66.9	10.4	74.2	11.6
	23	37.8	6.10	45.1	7.12	52.4	8.21	56.0	8.77	59.6	9.35	66.9	10.6	74.2	11.8
	25	37.8	6.20	45.1	7.24	52.4	8.36	56.0	8.96	59.6	9.64	66.9	11.1	74.2	12.6
	27	37.8	6.30	45.1	7.50	52.4	8.82	56.0	9.52	59.6	10.3	66.9	11.8	74.2	13.5
	29	37.8	6.66	45.1	7.95	52.4	9.36	56.0	10.1	59.6	10.9	66.9	12.6	74.2	14.3
	31	37.8	7.04	45.1	8.41	52.4	9.92	56.0	10.7	59.6	11.6	66.9	13.3	74.2	15.2
	33	37.8	7.43	45.1	8.90	52.4	10.5	56.0	11.4	59.6	12.3	66.9	14.2	74.2	16.2
	35	37.8	7.84	45.1	9.41	52.4	11.1	56.0	12.1	59.6	13.0	66.9	15.0	74.2	17.2
	37	37.8	8.27	45.1	9.94	52.4	11.8	56.0	12.8	59.6	13.8	66.9	16.0	74.2	18.3
	39	37.8	8.72	45.1	10.5	52.4	12.5	56.0	13.5	59.6	14.6	66.9	16.9	74.2	19.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ42TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1365)	10	104	15.1	124	18.5	144	22.1	149	22.5	151	22.1	155	21.1	159	20.2
	12	104	15.4	124	18.9	144	22.5	147	22.4	149	21.9	153	21.0	157	20.7
	14	104	15.7	124	19.3	144	22.8	145	22.3	147	21.8	151	21.6	155	21.8
	16	104	16.0	124	19.6	142	22.6	143	22.5	145	22.6	149	22.8	153	23.0
	18	104	16.3	124	20.0	140	23.5	142	23.6	143	23.7	147	24.0	151	24.2
	20	104	16.7	124	21.3	138	24.7	140	24.8	141	24.9	145	25.1	149	25.4
	21	104	17.1	124	22.1	137	25.2	139	25.4	141	25.5	144	25.7	148	26.0
	23	104	18.3	124	23.7	135	26.4	137	26.5	139	26.6	142	26.9	146	27.2
	25	104	19.6	124	25.4	133	27.5	135	27.7	137	27.8	140	28.1	144	28.4
	27	104	20.9	124	27.1	131	28.7	133	28.8	135	29.0	138	29.3	142	29.6
	29	104	22.4	124	29.0	129	29.9	131	30.0	133	30.2	137	30.5	140	30.8
	31	104	23.8	123	30.7	127	31.0	129	31.2	131	31.4	135	31.7	138	32.0
	33	104	25.4	121	31.8	125	32.2	127	32.4	129	32.6	133	32.9	136	33.3
	35	104	27.1	120	33.0	123	33.4	125	33.6	127	33.8	131	34.1	135	34.5
	37	104	28.8	118	34.2	121	34.6	123	34.8	125	35.0	129	35.4	133	35.8
	39	104	30.7	116	35.3	119	35.8	121	36.0	123	36.2	127	36.6	131	37.0
120% (1260)	10	96.0	13.8	114	16.9	133	20.1	142	21.7	149	22.6	152	21.8	156	20.9
	12	96.0	14.1	114	17.2	133	20.5	142	22.1	147	22.5	150	21.7	154	20.8
	14	96.0	14.4	114	17.5	133	20.9	142	22.6	145	22.4	148	21.5	152	21.7
	16	96.0	14.6	114	17.9	133	21.3	141	22.7	143	22.5	146	22.7	150	22.8
	18	96.0	14.9	114	18.2	133	22.0	139	23.5	141	23.6	145	23.8	148	24.0
	20	96.0	15.2	114	19.0	133	23.7	137	24.6	139	24.7	143	25.0	146	25.2
	21	96.0	15.4	114	19.6	133	24.5	136	25.2	138	25.3	142	25.6	145	25.8
	23	96.0	16.4	114	21.0	133	26.2	134	26.4	136	26.5	140	26.7	143	27.0
	25	96.0	17.5	114	22.5	131	27.4	133	27.5	134	27.6	138	27.9	141	28.2
	27	96.0	18.7	114	24.1	129	28.5	131	28.7	132	28.8	136	29.1	139	29.4
	29	96.0	19.9	114	25.7	127	29.7	129	29.8	130	30.0	134	30.3	137	30.6
	31	96.0	21.3	114	27.4	125	30.8	127	31.0	129	31.2	132	31.5	135	31.8
	33	96.0	22.6	114	29.3	123	32.0	125	32.2	127	32.3	130	32.7	134	33.0
	35	96.0	24.1	114	31.2	121	33.2	123	33.3	125	33.5	128	33.9	132	34.2
	37	96.0	25.7	114	33.3	119	34.3	121	34.5	123	34.7	126	35.1	130	35.4
	39	96.0	27.3	114	35.1	117	35.5	119	35.7	121	35.9	124	36.3	128	36.7
110% (1155)	10	88.0	12.6	105	15.3	122	18.2	130	19.6	139	21.1	150	22.4	153	21.7
	12	88.0	12.8	105	15.6	122	18.5	130	20.0	139	21.5	148	22.3	151	21.5
	14	88.0	13.0	105	15.9	122	18.9	130	20.4	139	21.9	146	22.2	149	21.5
	16	88.0	13.3	105	16.2	122	19.2	130	20.8	139	22.4	144	22.5	147	22.7
	18	88.0	13.5	105	16.5	122	19.6	130	21.4	139	23.5	142	23.6	145	23.8
	20	88.0	13.8	105	16.8	122	20.8	130	23.0	137	24.6	140	24.8	143	25.0
	21	88.0	13.9	105	17.3	122	21.5	130	23.8	136	25.2	139	25.4	142	25.6
	23	88.0	14.6	105	18.6	122	23.1	130	25.5	134	26.3	137	26.5	140	26.8
	25	88.0	15.6	105	19.9	122	24.7	130	27.3	132	27.5	135	27.7	138	27.9
	27	88.0	16.6	105	21.2	122	26.4	128	28.5	130	28.6	133	28.9	136	29.1
	29	88.0	17.7	105	22.6	122	28.2	126	29.6	128	29.8	131	30.0	134	30.3
	31	88.0	18.8	105	24.2	122	30.2	125	30.8	126	30.9	129	31.2	133	31.5
	33	88.0	20.0	105	25.7	121	31.8	123	32.0	124	32.1	127	32.4	131	32.7
	35	88.0	21.3	105	27.4	119	33.0	121	33.1	122	33.3	125	33.6	129	33.9
	37	88.0	22.7	105	29.2	117	34.1	119	34.3	120	34.5	124	34.8	127	35.1
	39	88.0	24.1	105	31.1	115	35.3	117	35.5	118	35.6	122	36.0	125	36.4
100% (1050)	10	80.0	11.3	95.4	13.7	111	16.3	119	17.6	126	18.9	142	21.6	150	22.4
	12	80.0	11.5	95.4	14.0	111	16.6	119	17.9	126	19.3	142	22.0	148	22.3
	14	80.0	11.7	95.4	14.3	111	16.9	119	18.3	126	19.7	142	22.5	146	22.1
	16	80.0	12.0	95.4	14.5	111	17.2	119	18.6	126	20.0	141	22.8	144	22.5
	18	80.0	12.2	95.4	14.8	111	17.6	119	19.0	126	20.4	139	23.5	142	23.7
	20	80.0	12.4	95.4	15.1	111	18.1	119	19.9	126	21.9	137	24.6	140	24.8
	21	80.0	12.5	95.4	15.2	111	18.7	119	20.7	126	22.7	136	25.2	139	25.4
	23	80.0	12.9	95.4	16.3	111	20.1	119	22.1	126	24.3	134	26.3	137	26.6
	25	80.0	13.7	95.4	17.4	111	21.5	119	23.7	126	26.0	132	27.5	135	27.7
	27	80.0	14.6	95.4	18.5	111	23.0	119	25.3	126	27.9	131	28.7	133	28.9
	29	80.0	15.6	95.4	19.8	111	24.5	119	27.1	126	29.6	129	29.8	131	30.1
	31	80.0	16.6	95.4	21.1	111	26.2	119	28.9	124	30.7	127	31.0	130	31.2
	33	80.0	17.6	95.4	22.5	111	27.9	119	30.8	122	31.9	125	32.2	128	32.4
	35	80.0	18.7	95.4	23.9	111	29.7	119	32.9	120	33.0	123	33.3	126	33.6
	37	80.0	19.9	95.4	25.4	111	31.7	117	34.1	118	34.2	121	34.5	124	34.8
	39	80.0	21.1	95.4	27.1	111	33.7	115	35.2	116	35.4	119	35.7	122	36.0
90% (945)	10	72.0	10.1	85.8	12.2	99.7	14.4	107	15.6	114	16.8	127	19.1	141	21.6
	12	72.0	10.3	85.8	12.5	99.7	14.7	107	15.9	114	17.1	127	19.5	141	22.0
	14	72.0	10.5	85.8	12.7	99.7	15.0	107	16.2	114	17.4	127	19.9	141	22.4
	16	72.0	10.7	85.8	12.9	99.7	15.3	107	16.5	114	17.7	127	20.3	141	22.8
	18	72.0	10.9	85.8	13.2	99.7	15.6	107	16.8	114	18.1	127	20.7	139	23.5
	20	72.0	11.1	85.8	13.4	99.7	15.9	107	17.2	114	18.8	127	22.2	137	24.6
	21	72.0	11.2	85.8	13.5	99.7	16.2	107	17.8	114	19.4	127	23.0	136	25.2
	23	72.0	11.4	85.8	14.1	99.7	17.3	107	19.0	114	20.8	127	24.7	134	26.3
	25	72.0	12.0	85.8	15.1	99.7	18.5	107	20.3	114	22.3	127	26.4	132	27.5
	27	72.0	12.8	85.8	16.1	99.7	19.7	107	21.7	114	23.8	127	28.3	130	28.7
	29	72.0	13.6	85.8	17.1	99.7	21.1	107	23.2	114	25.4	126	29.6	129	29.8
	31	72.0	14.4	85.8	18.2	99.7	22.5	107	24.7	114	27.1	124	30.7	127	31.0
	33	72.0	15.3	85.8	19.4	99.7	23.9	107	26.4	114	28.9	122	31.9	125	32.2
	35	72.0	16.3	85.8	20.6	99.7	25.5	107	28.1	114	30.9	120	33.1	123	33.3
	37	72.0	17.3	85.8	21.9	99.7	27.1	107	29.9	114	32.9	118	34.2	121	34.5
	39	72.0	18.3	85.8	23.3	99.7	28.9	107	31.9	114	35.0	116	35.4	119	35.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (840)	10	64.0	9.01	76.3	10.8	88.6	12.7	94.8	13.6	101	14.7	113	16.7	126	18.8
	12	64.0	9.15	76.3	11.0	88.6	12.9	94.8	13.9	101	14.9	113	17.0	126	19.2
	14	64.0	9.30	76.3	11.2	88.6	13.1	94.8	14.2	101	15.2	113	17.3	126	19.5
	16	64.0	9.46	76.3	11.4	88.6	13.4	94.8	14.4	101	15.5	113	17.7	126	19.9
	18	64.0	9.62	76.3	11.6	88.6	13.6	94.8	14.7	101	15.8	113	18.0	126	20.3
	20	64.0	9.79	76.3	11.8	88.6	13.9	94.8	15.0	101	16.1	113	18.7	126	21.7
	21	64.0	9.88	76.3	11.9	88.6	14.0	94.8	15.1	101	16.4	113	19.4	126	22.5
	23	64.0	10.1	76.3	12.1	88.6	14.7	94.8	16.1	101	17.6	113	20.7	126	24.1
	25	64.0	10.4	76.3	12.9	88.6	15.7	94.8	17.2	101	18.8	113	22.2	126	25.9
	27	64.0	11.1	76.3	13.8	88.6	16.8	94.8	18.4	101	20.1	113	23.7	126	27.7
	29	64.0	11.7	76.3	14.6	88.6	17.9	94.8	19.6	101	21.4	113	25.3	126	29.6
	31	64.0	12.5	76.3	15.6	88.6	19.0	94.8	20.9	101	22.9	113	27.0	124	30.7
	33	64.0	13.2	76.3	16.6	88.6	20.3	94.8	22.3	101	24.4	113	28.8	122	31.9
	35	64.0	14.0	76.3	17.6	88.6	21.6	94.8	23.7	101	25.9	113	30.7	120	33.0
	37	64.0	14.9	76.3	18.7	88.6	22.9	94.8	25.2	101	27.6	113	32.8	118	34.2
	39	64.0	15.8	76.3	19.8	88.6	24.4	94.8	26.8	101	29.4	113	34.9	116	35.4
70% (735)	10	56.0	7.92	66.8	9.40	77.5	11.0	82.9	11.8	88.3	12.6	99.1	14.4	110	16.1
	12	56.0	8.04	66.8	9.55	77.5	11.2	82.9	12.0	88.3	12.9	99.1	14.6	110	16.4
	14	56.0	8.17	66.8	9.71	77.5	11.4	82.9	12.2	88.3	13.1	99.1	14.9	110	16.8
	16	56.0	8.30	66.8	9.88	77.5	11.6	82.9	12.4	88.3	13.3	99.1	15.2	110	17.1
	18	56.0	8.43	66.8	10.1	77.5	11.8	82.9	12.7	88.3	13.6	99.1	15.5	110	17.4
	20	56.0	8.57	66.8	10.2	77.5	12.0	82.9	12.9	88.3	13.8	99.1	15.8	110	17.9
	21	56.0	8.65	66.8	10.3	77.5	12.1	82.9	13.0	88.3	14.0	99.1	16.0	110	18.5
	23	56.0	8.80	66.8	10.5	77.5	12.4	82.9	13.5	88.3	14.7	99.1	17.2	110	19.9
	25	56.0	8.96	66.8	10.9	77.5	13.2	82.9	14.4	88.3	15.6	99.1	18.3	110	21.2
	27	56.0	9.47	66.8	11.6	77.5	14.0	82.9	15.3	88.3	16.7	99.1	19.6	110	22.7
	29	56.0	10.0	66.8	12.4	77.5	15.0	82.9	16.3	88.3	17.8	99.1	20.9	110	24.2
	31	56.0	10.7	66.8	13.1	77.5	15.9	82.9	17.4	88.3	19.0	99.1	22.3	110	25.9
	33	56.0	11.3	66.8	14.0	77.5	16.9	82.9	18.5	88.3	20.2	99.1	23.7	110	27.6
	35	56.0	12.0	66.8	14.8	77.5	18.0	82.9	19.7	88.3	21.5	99.1	25.3	110	29.4
	37	56.0	12.7	66.8	15.7	77.5	19.1	82.9	20.9	88.3	22.8	99.1	26.9	110	31.3
	39	56.0	13.4	66.8	16.6	77.5	20.3	82.9	22.2	88.3	24.3	99.1	28.6	110	33.3
60% (630)	10	48.0	6.89	57.2	8.08	66.5	9.36	71.1	10.0	75.7	10.7	85.0	12.1	94.2	13.6
	12	48.0	6.99	57.2	8.21	66.5	9.51	71.1	10.2	75.7	10.9	85.0	12.3	94.2	13.8
	14	48.0	7.09	57.2	8.34	66.5	9.67	71.1	10.4	75.7	11.1	85.0	12.5	94.2	14.1
	16	48.0	7.19	57.2	8.47	66.5	9.83	71.1	10.5	75.7	11.3	85.0	12.8	94.2	14.3
	18	48.0	7.30	57.2	8.61	66.5	10.0	71.1	10.7	75.7	11.5	85.0	13.0	94.2	14.6
	20	48.0	7.42	57.2	8.76	66.5	10.2	71.1	10.9	75.7	11.7	85.0	13.3	94.2	14.9
	21	48.0	7.48	57.2	8.84	66.5	10.3	71.1	11.0	75.7	11.8	85.0	13.4	94.2	15.0
	23	48.0	7.60	57.2	8.99	66.5	10.5	71.1	11.2	75.7	12.0	85.0	13.9	94.2	16.0
	25	48.0	7.73	57.2	9.15	66.5	10.9	71.1	11.8	75.7	12.8	85.0	14.9	94.2	17.1
	27	48.0	8.01	57.2	9.71	66.5	11.6	71.1	12.6	75.7	13.6	85.0	15.8	94.2	18.2
	29	48.0	8.49	57.2	10.3	66.5	12.3	71.1	13.4	75.7	14.5	85.0	16.9	94.2	19.4
	31	48.0	8.98	57.2	10.9	66.5	13.1	71.1	14.2	75.7	15.4	85.0	18.0	94.2	20.7
	33	48.0	9.50	57.2	11.6	66.5	13.9	71.1	15.1	75.7	16.4	85.0	19.1	94.2	22.1
	35	48.0	10.0	57.2	12.3	66.5	14.7	71.1	16.0	75.7	17.4	85.0	20.3	94.2	23.5
	37	48.0	10.6	57.2	13.0	66.5	15.6	71.1	17.0	75.7	18.5	85.0	21.6	94.2	25.0
	39	48.0	11.2	57.2	13.7	66.5	16.5	71.1	18.1	75.7	19.6	85.0	23.0	94.2	26.6
50% (525)	10	40.0	5.92	47.7	6.85	55.4	7.84	59.2	8.36	63.1	8.89	70.8	9.98	78.5	11.1
	12	40.0	6.00	47.7	6.95	55.4	7.96	59.2	8.49	63.1	9.03	70.8	10.1	78.5	11.3
	14	40.0	6.08	47.7	7.05	55.4	8.08	59.2	8.62	63.1	9.18	70.8	10.3	78.5	11.5
	16	40.0	6.16	47.7	7.16	55.4	8.21	59.2	8.76	63.1	9.33	70.8	10.5	78.5	11.7
	18	40.0	6.24	47.7	7.26	55.4	8.35	59.2	8.91	63.1	9.49	70.8	10.7	78.5	11.9
	20	40.0	6.33	47.7	7.38	55.4	8.49	59.2	9.07	63.1	9.66	70.8	10.9	78.5	12.2
	21	40.0	6.38	47.7	7.44	55.4	8.56	59.2	9.14	63.1	9.74	70.8	11.0	78.5	12.3
	23	40.0	6.48	47.7	7.56	55.4	8.71	59.2	9.31	63.1	9.92	70.8	11.2	78.5	12.6
	25	40.0	6.57	47.7	7.68	55.4	8.86	59.2	9.50	63.1	10.2	70.8	11.8	78.5	13.4
	27	40.0	6.68	47.7	7.96	55.4	9.35	59.2	10.1	63.1	10.9	70.8	12.5	78.5	14.3
	29	40.0	7.07	47.7	8.43	55.4	9.93	59.2	10.7	63.1	11.6	70.8	13.3	78.5	15.2
	31	40.0	7.47	47.7	8.93	55.4	10.5	59.2	11.4	63.1	12.3	70.8	14.2	78.5	16.2
	33	40.0	7.88	47.7	9.44	55.4	11.2	59.2	12.1	63.1	13.0	70.8	15.0	78.5	17.2
	35	40.0	8.32	47.7	9.98	55.4	11.8	59.2	12.8	63.1	13.8	70.8	16.0	78.5	18.3
	37	40.0	8.78	47.7	10.6	55.4	12.5	59.2	13.5	63.1	14.6	70.8	16.9	78.5	19.4
	39	40.0	9.25	47.7	11.1	55.4	13.2	59.2	14.3	63.1	15.5	70.8	18.0	78.5	20.6

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ44TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1430)	10	108	16.1	129	19.7	150	23.5	156	24.0	157	23.5	161	22.5	165	21.5
	12	108	16.4	129	20.1	150	23.9	154	23.8	155	23.3	159	22.3	163	22.0
	14	108	16.7	129	20.5	150	24.2	152	23.7	153	23.2	157	23.0	161	23.2
	16	108	17.0	129	20.9	148	24.1	150	23.9	151	24.0	155	24.3	159	24.5
	18	108	17.4	129	21.3	146	25.0	148	25.1	149	25.3	153	25.5	157	25.7
	20	108	17.7	129	22.7	144	26.2	145	26.4	147	26.5	151	26.8	155	27.0
	21	108	18.2	129	23.5	143	26.8	144	27.0	146	27.1	150	27.4	154	27.6
	23	108	19.5	129	25.2	141	28.1	142	28.2	144	28.4	148	28.6	152	28.9
	25	108	20.9	129	27.0	139	29.3	140	29.4	142	29.6	146	29.9	150	30.2
	27	108	22.3	129	28.8	137	30.5	138	30.7	140	30.8	144	31.2	148	31.5
	29	108	23.8	129	30.8	135	31.8	136	31.9	138	32.1	142	32.4	146	32.8
	31	108	25.4	129	32.6	132	33.0	134	33.2	136	33.4	140	33.7	144	34.1
	33	108	27.0	127	33.9	130	34.3	132	34.4	134	34.6	138	35.0	142	35.4
	35	108	28.8	125	35.1	128	35.5	130	35.7	132	35.9	136	36.3	140	36.7
	37	108	30.7	123	36.3	126	36.8	128	37.0	130	37.2	134	37.6	138	38.0
	39	108	32.6	121	37.6	124	38.0	126	38.3	128	38.5	132	38.9	136	39.4
120% (1320)	10	100	14.7	119	18.0	139	21.4	148	23.1	155	24.1	159	23.2	162	22.3
	12	100	15.0	119	18.3	139	21.8	148	23.5	153	24.0	157	23.0	160	22.1
	14	100	15.3	119	18.7	139	22.2	148	24.0	151	23.8	155	22.9	158	23.1
	16	100	15.6	119	19.0	139	22.6	147	24.2	149	23.9	153	24.1	156	24.3
	18	100	15.9	119	19.4	139	23.4	145	25.0	147	25.1	151	25.3	154	25.6
	20	100	16.2	119	20.2	139	25.2	143	26.2	145	26.3	149	26.6	152	26.8
	21	100	16.3	119	20.9	139	26.1	142	26.8	144	26.9	148	27.2	151	27.4
	23	100	17.4	119	22.4	138	27.9	140	28.0	142	28.2	146	28.4	149	28.7
	25	100	18.6	119	24.0	136	29.1	138	29.3	140	29.4	144	29.7	147	30.0
	27	100	19.9	119	25.6	134	30.3	136	30.5	138	30.6	142	30.9	145	31.2
	29	100	21.2	119	27.4	132	31.6	134	31.7	136	31.9	140	32.2	143	32.5
	31	100	22.6	119	29.2	130	32.8	132	33.0	134	33.1	138	33.5	141	33.8
	33	100	24.1	119	31.1	128	34.0	130	34.2	132	34.4	136	34.7	139	35.1
	35	100	25.6	119	33.2	126	35.3	128	35.5	130	35.7	134	36.0	137	36.4
	37	100	27.3	119	35.4	124	36.5	126	36.7	128	36.9	132	37.3	135	37.7
	39	100	29.0	119	37.4	122	37.8	124	38.0	126	38.2	130	38.6	133	39.0
110% (1210)	10	91.7	13.4	109	16.3	127	19.3	136	20.9	145	22.5	156	23.9	159	23.0
	12	91.7	13.6	109	16.6	127	19.7	136	21.3	145	22.9	154	23.7	157	22.9
	14	91.7	13.9	109	16.9	127	20.1	136	21.7	145	23.3	152	23.6	155	22.9
	16	91.7	14.1	109	17.2	127	20.5	136	22.1	145	23.8	150	23.9	153	24.1
	18	91.7	14.4	109	17.6	127	20.9	136	22.7	145	24.9	148	25.2	151	25.4
	20	91.7	14.7	109	17.9	127	22.1	136	24.4	143	26.2	146	26.4	149	26.6
	21	91.7	14.8	109	18.5	127	22.9	136	25.3	142	26.8	145	27.0	148	27.2
	23	91.7	15.5	109	19.8	127	24.5	136	27.1	140	28.0	143	28.2	146	28.5
	25	91.7	16.6	109	21.1	127	26.3	136	29.1	138	29.2	141	29.5	144	29.7
	27	91.7	17.7	109	22.6	127	28.1	134	30.3	135	30.4	139	30.7	142	31.0
	29	91.7	18.8	109	24.1	127	30.0	132	31.5	133	31.7	137	32.0	140	32.3
	31	91.7	20.0	109	25.7	127	32.1	130	32.8	131	32.9	135	33.2	138	33.5
	33	91.7	21.3	109	27.4	126	33.8	128	34.0	129	34.2	133	34.5	136	34.8
	35	91.7	22.7	109	29.2	124	35.1	126	35.2	127	35.4	131	35.7	134	36.1
	37	91.7	24.1	109	31.1	122	36.3	124	36.5	125	36.7	129	37.0	132	37.4
	39	91.7	25.6	109	33.1	120	37.5	122	37.7	123	37.9	127	38.3	130	38.7
100% (1100)	10	83.3	12.1	99.4	14.6	115	17.3	124	18.7	132	20.1	148	23.0	156	23.8
	12	83.3	12.3	99.4	14.9	115	17.6	124	19.1	132	20.5	148	23.4	154	23.7
	14	83.3	12.5	99.4	15.2	115	18.0	124	19.4	132	20.9	148	23.9	152	23.6
	16	83.3	12.7	99.4	15.5	115	18.3	124	19.8	132	21.3	147	24.2	150	23.9
	18	83.3	12.9	99.4	15.7	115	18.7	124	20.2	132	21.7	145	25.0	148	25.2
	20	83.3	13.2	99.4	16.1	115	19.3	124	21.2	132	23.3	143	26.2	146	26.4
	21	83.3	13.3	99.4	16.2	115	19.9	124	22.0	132	24.1	142	26.8	145	27.0
	23	83.3	13.7	99.4	17.3	115	21.4	124	23.6	132	25.9	140	28.0	143	28.2
	25	83.3	14.6	99.4	18.5	115	22.8	124	25.2	132	27.7	138	29.3	141	29.5
	27	83.3	15.6	99.4	19.7	115	24.4	124	27.0	132	29.6	136	30.5	139	30.7
	29	83.3	16.6	99.4	21.0	115	26.1	124	28.8	131	31.5	134	31.7	137	32.0
	31	83.3	17.6	99.4	22.4	115	27.8	124	30.8	129	32.7	132	33.0	135	33.2
	33	83.3	18.7	99.4	23.9	115	29.7	124	32.8	127	33.9	130	34.2	133	34.5
	35	83.3	19.9	99.4	25.4	115	31.6	124	35.0	125	35.2	128	35.5	131	35.8
	37	83.3	21.2	99.4	27.1	115	33.7	121	36.2	123	36.4	126	36.7	129	37.0
	39	83.3	22.5	99.4	28.8	115	35.9	119	37.5	121	37.6	124	38.0	127	38.3
90% (990)	10	75.0	10.8	89.5	13.0	104	15.4	111	16.6	118	17.8	133	20.4	147	23.0
	12	75.0	11.0	89.5	13.2	104	15.7	111	16.9	118	18.2	133	20.8	147	23.4
	14	75.0	11.2	89.5	13.5	104	15.9	111	17.2	118	18.5	133	21.1	147	23.8
	16	75.0	11.4	89.5	13.7	104	16.2	111	17.5	118	18.9	133	21.6	147	24.2
	18	75.0	11.6	89.5	14.0	104	16.6	111	17.9	118	19.2	133	22.0	145	25.0
	20	75.0	11.8	89.5	14.3	104	16.9	111	18.2	118	20.0	133	23.6	143	26.2
	21	75.0	11.9	89.5	14.4	104	17.2	111	18.9	118	20.7	133	24.5	142	26.8
	23	75.0	12.1	89.5	15.0	104	18.4	111	20.2	118	22.1	133	26.3	140	28.0
	25	75.0	12.8	89.5	16.0	104	19.7	111	21.6	118	23.7	133	28.1	138	29.3
	27	75.0	13.6	89.5	17.1	104	21.0	111	23.1	118	25.3	133	30.1	136	30.5
	29	75.0	14.5	89.5	18.2	104	22.4	111	24.7	118	27.1	131	31.5	134	31.7
	31	75.0	15.4	89.5	19.4	104	23.9	111	26.3	118	28.9	129	32.7	132	33.0
	33	75.0	16.3	89.5	20.6	104	25.4	111	28.1	118	30.8	127	33.9	130	34.2
	35	75.0	17.3	89.5	21.9	104	27.1	111	29.9	118	32.8	125	35.2	128	35.5
	37	75.0	18.4	89.5	23.3	104	28.8	111	31.8	118	35.0	123	36.4	126	36.7
	39	75.0	19.5	89.5	24.8	104	30.7	111	33.9	118	37.3	121	37.7	124	38.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (880)	10	66.7	9.58	79.5	11.5	92.4	13.5	98.8	14.5	105	15.6	118	17.8	131	20.0
	12	66.7	9.74	79.5	11.7	92.4	13.7	98.8	14.8	105	15.9	118	18.1	131	20.4
	14	66.7	9.90	79.5	11.9	92.4	14.0	98.8	15.1	105	16.2	118	18.5	131	20.8
	16	66.7	10.1	79.5	12.1	92.4	14.2	98.8	15.3	105	16.5	118	18.8	131	21.2
	18	66.7	10.2	79.5	12.3	92.4	14.5	98.8	15.6	105	16.8	118	19.2	131	21.6
	20	66.7	10.4	79.5	12.5	92.4	14.8	98.8	15.9	105	17.1	118	19.9	131	23.1
	21	66.7	10.5	79.5	12.7	92.4	14.9	98.8	16.1	105	17.5	118	20.6	131	24.0
	23	66.7	10.7	79.5	12.9	92.4	15.7	98.8	17.2	105	18.7	118	22.1	131	25.7
	25	66.7	11.1	79.5	13.7	92.4	16.7	98.8	18.3	105	20.0	118	23.6	131	27.5
	27	66.7	11.8	79.5	14.6	92.4	17.8	98.8	19.6	105	21.4	118	25.2	131	29.4
	29	66.7	12.5	79.5	15.6	92.4	19.0	98.8	20.9	105	22.8	118	27.0	131	31.4
	31	66.7	13.3	79.5	16.6	92.4	20.2	98.8	22.2	105	24.3	118	28.8	129	32.7
	33	66.7	14.1	79.5	17.6	92.4	21.6	98.8	23.7	105	25.9	118	30.7	127	33.9
	35	66.7	14.9	79.5	18.7	92.4	22.9	98.8	25.2	105	27.6	118	32.7	125	35.1
	37	66.7	15.8	79.5	19.9	92.4	24.4	98.8	26.8	105	29.4	118	34.9	123	36.4
	39	66.7	16.8	79.5	21.1	92.4	25.9	98.8	28.5	105	31.3	118	37.1	121	37.6
70% (770)	10	58.3	8.42	69.6	10.0	80.8	11.7	86.4	12.5	92.1	13.4	103	15.3	115	17.2
	12	58.3	8.55	69.6	10.2	80.8	11.9	86.4	12.8	92.1	13.7	103	15.6	115	17.5
	14	58.3	8.69	69.6	10.3	80.8	12.1	86.4	13.0	92.1	13.9	103	15.8	115	17.8
	16	58.3	8.83	69.6	10.5	80.8	12.3	86.4	13.2	92.1	14.2	103	16.1	115	18.2
	18	58.3	8.97	69.6	10.7	80.8	12.5	86.4	13.5	92.1	14.5	103	16.5	115	18.5
	20	58.3	9.12	69.6	10.9	80.8	12.8	86.4	13.7	92.1	14.7	103	16.8	115	19.0
	21	58.3	9.20	69.6	11.0	80.8	12.9	86.4	13.9	92.1	14.9	103	17.1	115	19.7
	23	58.3	9.36	69.6	11.2	80.8	13.1	86.4	14.3	92.1	15.6	103	18.2	115	21.1
	25	58.3	9.53	69.6	11.6	80.8	14.0	86.4	15.3	92.1	16.6	103	19.5	115	22.6
	27	58.3	10.1	69.6	12.4	80.8	14.9	86.4	16.3	92.1	17.8	103	20.8	115	24.1
	29	58.3	10.7	69.6	13.2	80.8	15.9	86.4	17.4	92.1	18.9	103	22.2	115	25.8
	31	58.3	11.3	69.6	14.0	80.8	16.9	86.4	18.5	92.1	20.2	103	23.7	115	27.5
	33	58.3	12.0	69.6	14.8	80.8	18.0	86.4	19.7	92.1	21.5	103	25.2	115	29.3
	35	58.3	12.7	69.6	15.7	80.8	19.1	86.4	20.9	92.1	22.8	103	26.9	115	31.3
	37	58.3	13.5	69.6	16.7	80.8	20.3	86.4	22.2	92.1	24.3	103	28.6	115	33.3
	39	58.3	14.2	69.6	17.7	80.8	21.6	86.4	23.6	92.1	25.8	103	30.4	115	35.5
60% (660)	10	50.0	7.33	59.6	8.60	69.3	9.95	74.1	10.7	78.9	11.4	88.6	12.9	98.2	14.4
	12	50.0	7.43	59.6	8.73	69.3	10.1	74.1	10.8	78.9	11.6	88.6	13.1	98.2	14.7
	14	50.0	7.54	59.6	8.87	69.3	10.3	74.1	11.0	78.9	11.8	88.6	13.3	98.2	15.0
	16	50.0	7.65	59.6	9.01	69.3	10.5	74.1	11.2	78.9	12.0	88.6	13.6	98.2	15.2
	18	50.0	7.77	59.6	9.16	69.3	10.6	74.1	11.4	78.9	12.2	88.6	13.8	98.2	15.5
	20	50.0	7.89	59.6	9.32	69.3	10.8	74.1	11.6	78.9	12.4	88.6	14.1	98.2	15.8
	21	50.0	7.96	59.6	9.40	69.3	10.9	74.1	11.7	78.9	12.6	88.6	14.2	98.2	16.0
	23	50.0	8.08	59.6	9.57	69.3	11.1	74.1	12.0	78.9	12.8	88.6	14.8	98.2	17.0
	25	50.0	8.22	59.6	9.74	69.3	11.6	74.1	12.6	78.9	13.6	88.6	15.8	98.2	18.2
	27	50.0	8.52	59.6	10.3	69.3	12.3	74.1	13.4	78.9	14.5	88.6	16.9	98.2	19.4
	29	50.0	9.03	59.6	11.0	69.3	13.1	74.1	14.2	78.9	15.4	88.6	18.0	98.2	20.7
	31	50.0	9.56	59.6	11.6	69.3	13.9	74.1	15.1	78.9	16.4	88.6	19.1	98.2	22.0
	33	50.0	10.1	59.6	12.3	69.3	14.8	74.1	16.1	78.9	17.4	88.6	20.3	98.2	23.5
	35	50.0	10.7	59.6	13.1	69.3	15.7	74.1	17.1	78.9	18.5	88.6	21.6	98.2	25.0
	37	50.0	11.3	59.6	13.8	69.3	16.6	74.1	18.1	78.9	19.7	88.6	23.0	98.2	26.6
	39	50.0	11.9	59.6	14.6	69.3	17.6	74.1	19.2	78.9	20.9	88.6	24.4	98.2	28.3
50% (550)	10	41.7	6.30	49.7	7.29	57.7	8.34	61.7	8.89	65.8	9.45	73.8	10.6	81.8	11.8
	12	41.7	6.38	49.7	7.39	57.7	8.47	61.7	9.03	65.8	9.60	73.8	10.8	81.8	12.0
	14	41.7	6.46	49.7	7.50	57.7	8.60	61.7	9.17	65.8	9.76	73.8	11.0	81.8	12.2
	16	41.7	6.55	49.7	7.61	57.7	8.74	61.7	9.32	65.8	9.93	73.8	11.2	81.8	12.5
	18	41.7	6.64	49.7	7.73	57.7	8.88	61.7	9.48	65.8	10.1	73.8	11.4	81.8	12.7
	20	41.7	6.74	49.7	7.85	57.7	9.03	61.7	9.64	65.8	10.3	73.8	11.6	81.8	12.9
	21	41.7	6.79	49.7	7.91	57.7	9.11	61.7	9.73	65.8	10.4	73.8	11.7	81.8	13.1
	23	41.7	6.89	49.7	8.04	57.7	9.26	61.7	9.90	65.8	10.6	73.8	11.9	81.8	13.4
	25	41.7	6.99	49.7	8.17	57.7	9.43	61.7	10.1	65.8	10.9	73.8	12.5	81.8	14.2
	27	41.7	7.11	49.7	8.46	57.7	9.95	61.7	10.7	65.8	11.6	73.8	13.3	81.8	15.2
	29	41.7	7.52	49.7	8.97	57.7	10.6	61.7	11.4	65.8	12.3	73.8	14.2	81.8	16.2
	31	41.7	7.94	49.7	9.50	57.7	11.2	61.7	12.1	65.8	13.0	73.8	15.1	81.8	17.2
	33	41.7	8.39	49.7	10.0	57.7	11.9	61.7	12.8	65.8	13.8	73.8	16.0	81.8	18.3
	35	41.7	8.85	49.7	10.6	57.7	12.6	61.7	13.6	65.8	14.7	73.8	17.0	81.8	19.4
	37	41.7	9.34	49.7	11.2	57.7	13.3	61.7	14.4	65.8	15.6	73.8	18.0	81.8	20.6
	39	41.7	9.84	49.7	11.9	57.7	14.1	61.7	15.3	65.8	16.5	73.8	19.1	81.8	21.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ46TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1495)	10	114	17.1	136	21.0	158	24.9	164	25.5	166	24.9	170	23.9	174	22.8
	12	114	17.4	136	21.3	158	25.4	162	25.3	164	24.8	168	23.7	172	23.4
	14	114	17.8	136	21.8	157	25.7	159	25.2	162	24.7	166	24.5	170	24.7
	16	114	18.1	136	22.2	155	25.6	157	25.4	159	25.5	164	25.8	168	26.0
	18	114	18.5	136	22.6	153	26.6	155	26.7	157	26.8	161	27.1	166	27.4
	20	114	18.8	136	24.1	151	27.9	153	28.0	155	28.1	159	28.4	163	28.7
	21	114	19.4	136	25.0	150	28.5	152	28.7	154	28.8	158	29.1	162	29.4
	23	114	20.7	136	26.8	148	29.8	150	30.0	152	30.1	156	30.4	160	30.7
	25	114	22.2	136	28.7	146	31.1	148	31.3	150	31.4	154	31.8	158	32.1
	27	114	23.7	136	30.7	144	32.4	146	32.6	148	32.8	152	33.1	156	33.5
	29	114	25.3	136	32.8	142	33.7	144	33.9	146	34.1	150	34.5	154	34.8
	31	114	26.9	135	34.7	139	35.1	142	35.3	144	35.5	148	35.8	152	36.2
	33	114	28.7	133	36.0	137	36.4	139	36.6	141	36.8	146	37.2	150	37.6
	35	114	30.6	131	37.3	135	37.7	137	37.9	139	38.2	143	38.6	148	39.0
	37	114	32.6	129	38.6	133	39.1	135	39.3	137	39.5	141	40.0	145	40.4
	39	114	34.7	127	39.9	131	40.4	133	40.6	135	40.9	139	41.4	143	41.8
120% (1380)	10	105	15.6	126	19.1	146	22.7	156	24.6	163	25.6	167	24.6	171	23.7
	12	105	15.9	126	19.5	146	23.1	156	25.0	161	25.5	165	24.5	169	23.5
	14	105	16.2	126	19.8	146	23.6	156	25.5	159	25.3	163	24.3	167	24.5
	16	105	16.5	126	20.2	146	24.1	155	25.7	157	25.4	161	25.6	164	25.8
	18	105	16.9	126	20.6	146	24.9	153	26.6	155	26.7	159	26.9	162	27.2
	20	105	17.2	126	21.4	146	26.7	151	27.8	153	28.0	156	28.2	160	28.5
	21	105	17.4	126	22.2	146	27.7	150	28.5	152	28.6	155	28.9	159	29.2
	23	105	18.5	126	23.8	146	29.6	148	29.8	149	29.9	153	30.2	157	30.5
	25	105	19.8	126	25.5	144	30.9	145	31.1	147	31.2	151	31.5	155	31.8
	27	105	21.1	126	27.2	141	32.2	143	32.4	145	32.6	149	32.9	153	33.2
	29	105	22.5	126	29.1	139	33.5	141	33.7	143	33.9	147	34.2	151	34.5
	31	105	24.0	126	31.0	137	34.9	139	35.0	141	35.2	145	35.6	149	35.9
	33	105	25.6	126	33.1	135	36.2	137	36.4	139	36.5	143	36.9	146	37.3
	35	105	27.3	126	35.3	133	37.5	135	37.7	137	37.9	141	38.3	144	38.7
	37	105	29.0	126	37.6	131	38.8	133	39.0	135	39.2	138	39.6	142	40.1
	39	105	30.9	125	39.7	129	40.1	131	40.4	133	40.6	136	41.0	140	41.5
110% (1265)	10	96.5	14.2	115	17.3	134	20.5	143	22.2	152	23.9	164	25.4	168	24.5
	12	96.5	14.5	115	17.6	134	20.9	143	22.6	152	24.3	162	25.2	165	24.3
	14	96.5	14.7	115	17.9	134	21.3	143	23.1	152	24.8	160	25.1	163	24.3
	16	96.5	15.0	115	18.3	134	21.7	143	23.5	152	25.3	158	25.4	161	25.6
	18	96.5	15.3	115	18.7	134	22.2	143	24.2	152	26.5	156	26.7	159	26.9
	20	96.5	15.6	115	19.0	134	23.5	143	26.0	150	27.8	154	28.0	157	28.3
	21	96.5	15.7	115	19.6	134	24.3	143	26.9	149	28.4	152	28.7	156	28.9
	23	96.5	16.5	115	21.0	134	26.1	143	28.8	147	29.7	150	30.0	154	30.3
	25	96.5	17.6	115	22.4	134	27.9	143	30.9	145	31.0	148	31.3	152	31.6
	27	96.5	18.8	115	24.0	134	29.9	141	32.2	143	32.3	146	32.6	150	32.9
	29	96.5	20.0	115	25.6	134	31.9	139	33.5	141	33.7	144	34.0	147	34.3
	31	96.5	21.3	115	27.3	134	34.1	137	34.8	138	35.0	142	35.3	145	35.6
	33	96.5	22.7	115	29.1	133	35.9	135	36.1	136	36.3	140	36.6	143	37.0
	35	96.5	24.1	115	31.0	131	37.3	132	37.4	134	37.6	138	38.0	141	38.3
	37	96.5	25.6	115	33.0	129	38.6	130	38.8	132	38.9	136	39.3	139	39.7
	39	96.5	27.2	115	35.2	126	39.9	128	40.1	130	40.3	133	40.7	137	41.1
100% (1150)	10	87.7	12.8	105	15.5	122	18.4	130	19.9	138	21.4	155	24.4	164	25.3
	12	87.7	13.0	105	15.8	122	18.7	130	20.3	138	21.8	155	24.9	162	25.2
	14	87.7	13.3	105	16.1	122	19.1	130	20.6	138	22.2	155	25.4	160	25.0
	16	87.7	13.5	105	16.4	122	19.5	130	21.0	138	22.6	155	25.7	158	25.4
	18	87.7	13.8	105	16.7	122	19.9	130	21.5	138	23.1	153	26.5	156	26.7
	20	87.7	14.0	105	17.1	122	20.5	130	22.5	138	24.7	151	27.8	154	28.0
	21	87.7	14.2	105	17.2	122	21.2	130	23.4	138	25.6	150	28.5	153	28.7
	23	87.7	14.5	105	18.4	122	22.7	130	25.0	138	27.5	147	29.8	151	30.0
	25	87.7	15.5	105	19.6	122	24.3	130	26.8	138	29.4	145	31.1	148	31.3
	27	87.7	16.5	105	21.0	122	25.9	130	28.6	138	31.5	143	32.4	146	32.7
	29	87.7	17.6	105	22.4	122	27.7	130	30.6	138	33.4	141	33.7	144	34.0
	31	87.7	18.7	105	23.8	122	29.6	130	32.7	136	34.7	139	35.0	142	35.3
	33	87.7	19.9	105	25.4	122	31.5	130	34.9	134	36.0	137	36.3	140	36.7
	35	87.7	21.2	105	27.0	122	33.6	130	37.2	132	37.3	135	37.7	138	38.0
	37	87.7	22.5	105	28.7	122	35.8	128	38.5	129	38.7	133	39.0	136	39.4
	39	87.7	23.9	105	30.6	122	38.1	126	39.8	127	40.0	131	40.4	134	40.7
90% (1035)	10	78.9	11.5	94.2	13.8	109	16.3	117	17.6	125	18.9	140	21.6	155	24.4
	12	78.9	11.7	94.2	14.1	109	16.6	117	17.9	125	19.3	140	22.0	155	24.8
	14	78.9	11.9	94.2	14.3	109	16.9	117	18.3	125	19.7	140	22.5	155	25.3
	16	78.9	12.1	94.2	14.6	109	17.3	117	18.6	125	20.0	140	22.9	155	25.7
	18	78.9	12.3	94.2	14.9	109	17.6	117	19.0	125	20.4	140	23.4	153	26.5
	20	78.9	12.5	94.2	15.2	109	17.9	117	19.4	125	21.2	140	25.1	151	27.8
	21	78.9	12.6	94.2	15.3	109	18.3	117	20.1	125	22.0	140	26.0	149	28.5
	23	78.9	12.9	94.2	15.9	109	19.5	117	21.5	125	23.5	140	27.9	147	29.8
	25	78.9	13.6	94.2	17.0	109	20.9	117	23.0	125	25.2	140	29.9	145	31.1
	27	78.9	14.4	94.2	18.2	109	22.3	117	24.6	125	26.9	140	32.0	143	32.4
	29	78.9	15.4	94.2	19.3	109	23.8	117	26.2	125	28.7	138	33.4	141	33.7
	31	78.9	16.3	94.2	20.6	109	25.4	117	28.0	125	30.7	136	34.8	139	35.0
	33	78.9	17.3	94.2	21.9	109	27.0	117	29.8	125	32.7	134	36.1	137	36.3
	35	78.9	18.4	94.2	23.3	109	28.8	117	31.8	125	34.9	132	37.4	135	37.7
	37	78.9	19.5	94.2	24.8	109	30.6	117	33.8	125	37.2	130	38.7	133	39.0
	39	78.9	20.7	94.2	26.3	109	32.6	117	36.0	125	39.6	128	40.0	130	40.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (920)	10	70.2	10.2	83.7	12.2	97.2	14.3	104	15.4	111	16.6	124	18.9	138	21.3
	12	70.2	10.3	83.7	12.4	97.2	14.6	104	15.7	111	16.9	124	19.2	138	21.7
	14	70.2	10.5	83.7	12.6	97.2	14.8	104	16.0	111	17.2	124	19.6	138	22.1
	16	70.2	10.7	83.7	12.8	97.2	15.1	104	16.3	111	17.5	124	20.0	138	22.5
	18	70.2	10.9	83.7	13.1	97.2	15.4	104	16.6	111	17.9	124	20.4	138	23.0
	20	70.2	11.1	83.7	13.3	97.2	15.7	104	16.9	111	18.2	124	21.1	138	24.6
	21	70.2	11.2	83.7	13.4	97.2	15.9	104	17.1	111	18.6	124	21.9	138	25.5
	23	70.2	11.4	83.7	13.7	97.2	16.6	104	18.2	111	19.9	124	23.4	138	27.3
	25	70.2	11.7	83.7	14.6	97.2	17.8	104	19.5	111	21.3	124	25.1	138	29.2
	27	70.2	12.5	83.7	15.5	97.2	19.0	104	20.8	111	22.7	124	26.8	138	31.3
	29	70.2	13.3	83.7	16.5	97.2	20.2	104	22.2	111	24.2	124	28.6	138	33.4
	31	70.2	14.1	83.7	17.6	97.2	21.5	104	23.6	111	25.8	124	30.6	136	34.7
	33	70.2	15.0	83.7	18.7	97.2	22.9	104	25.2	111	27.5	124	32.6	134	36.0
	35	70.2	15.9	83.7	19.9	97.2	24.4	104	26.8	111	29.3	124	34.8	131	37.3
	37	70.2	16.8	83.7	21.1	97.2	25.9	104	28.5	111	31.2	124	37.0	129	38.7
	39	70.2	17.8	83.7	22.4	97.2	27.5	104	30.3	111	33.2	124	39.5	127	40.0
70% (805)	10	61.4	8.95	73.2	10.6	85.1	12.4	91.0	13.3	96.9	14.3	109	16.2	121	18.2
	12	61.4	9.09	73.2	10.8	85.1	12.6	91.0	13.6	96.9	14.5	109	16.5	121	18.6
	14	61.4	9.23	73.2	11.0	85.1	12.8	91.0	13.8	96.9	14.8	109	16.8	121	18.9
	16	61.4	9.38	73.2	11.2	85.1	13.1	91.0	14.1	96.9	15.1	109	17.2	121	19.3
	18	61.4	9.53	73.2	11.4	85.1	13.3	91.0	14.3	96.9	15.4	109	17.5	121	19.7
	20	61.4	9.69	73.2	11.6	85.1	13.6	91.0	14.6	96.9	15.7	109	17.8	121	20.2
	21	61.4	9.77	73.2	11.7	85.1	13.7	91.0	14.7	96.9	15.8	109	18.1	121	20.9
	23	61.4	9.94	73.2	11.9	85.1	14.0	91.0	15.2	96.9	16.6	109	19.4	121	22.4
	25	61.4	10.1	73.2	12.4	85.1	14.9	91.0	16.3	96.9	17.7	109	20.7	121	24.0
	27	61.4	10.7	73.2	13.2	85.1	15.9	91.0	17.3	96.9	18.9	109	22.1	121	25.7
	29	61.4	11.4	73.2	14.0	85.1	16.9	91.0	18.5	96.9	20.1	109	23.6	121	27.4
	31	61.4	12.0	73.2	14.9	85.1	18.0	91.0	19.7	96.9	21.4	109	25.2	121	29.2
	33	61.4	12.8	73.2	15.8	85.1	19.1	91.0	20.9	96.9	22.8	109	26.8	121	31.2
	35	61.4	13.5	73.2	16.7	85.1	20.3	91.0	22.2	96.9	24.3	109	28.6	121	33.2
	37	61.4	14.3	73.2	17.7	85.1	21.6	91.0	23.6	96.9	25.8	109	30.4	121	35.4
	39	61.4	15.1	73.2	18.8	85.1	22.9	91.0	25.1	96.9	27.4	109	32.4	121	37.7
60% (690)	10	52.6	7.79	62.8	9.14	72.9	10.6	78.0	11.3	83.1	12.1	93.2	13.7	103	15.3
	12	52.6	7.90	62.8	9.28	72.9	10.7	78.0	11.5	83.1	12.3	93.2	13.9	103	15.6
	14	52.6	8.01	62.8	9.43	72.9	10.9	78.0	11.7	83.1	12.5	93.2	14.2	103	15.9
	16	52.6	8.13	62.8	9.58	72.9	11.1	78.0	11.9	83.1	12.7	93.2	14.4	103	16.2
	18	52.6	8.26	62.8	9.74	72.9	11.3	78.0	12.1	83.1	13.0	93.2	14.7	103	16.5
	20	52.6	8.39	62.8	9.90	72.9	11.5	78.0	12.4	83.1	13.2	93.2	15.0	103	16.8
	21	52.6	8.45	62.8	9.99	72.9	11.6	78.0	12.5	83.1	13.3	93.2	15.1	103	17.0
	23	52.6	8.59	62.8	10.2	72.9	11.8	78.0	12.7	83.1	13.6	93.2	15.7	103	18.1
	25	52.6	8.73	62.8	10.3	72.9	12.3	78.0	13.4	83.1	14.5	93.2	16.8	103	19.3
	27	52.6	9.05	62.8	11.0	72.9	13.1	78.0	14.2	83.1	15.4	93.2	17.9	103	20.6
	29	52.6	9.59	62.8	11.6	72.9	13.9	78.0	15.1	83.1	16.4	93.2	19.1	103	22.0
	31	52.6	10.2	62.8	12.4	72.9	14.8	78.0	16.1	83.1	17.4	93.2	20.3	103	23.4
	33	52.6	10.7	62.8	13.1	72.9	15.7	78.0	17.1	83.1	18.5	93.2	21.6	103	24.9
	35	52.6	11.4	62.8	13.9	72.9	16.6	78.0	18.1	83.1	19.7	93.2	23.0	103	26.6
	37	52.6	12.0	62.8	14.7	72.9	17.6	78.0	19.2	83.1	20.9	93.2	24.4	103	28.3
	39	52.6	12.7	62.8	15.5	72.9	18.7	78.0	20.4	83.1	22.2	93.2	26.0	103	30.0
50% (575)	10	43.9	6.69	52.3	7.75	60.8	8.86	65.0	9.44	69.2	10.0	77.7	11.3	86.1	12.6
	12	43.9	6.78	52.3	7.85	60.8	9.00	65.0	9.59	69.2	10.2	77.7	11.5	86.1	12.8
	14	43.9	6.87	52.3	7.97	60.8	9.14	65.0	9.75	69.2	10.4	77.7	11.7	86.1	13.0
	16	43.9	6.96	52.3	8.09	60.8	9.28	65.0	9.91	69.2	10.5	77.7	11.9	86.1	13.2
	18	43.9	7.06	52.3	8.21	60.8	9.44	65.0	10.1	69.2	10.7	77.7	12.1	86.1	13.5
	20	43.9	7.16	52.3	8.34	60.8	9.59	65.0	10.2	69.2	10.9	77.7	12.3	86.1	13.7
	21	43.9	7.21	52.3	8.41	60.8	9.67	65.0	10.3	69.2	11.0	77.7	12.4	86.1	13.9
	23	43.9	7.32	52.3	8.54	60.8	9.84	65.0	10.5	69.2	11.2	77.7	12.7	86.1	14.2
	25	43.9	7.43	52.3	8.68	60.8	10.0	65.0	10.7	69.2	11.6	77.7	13.3	86.1	15.1
	27	43.9	7.55	52.3	8.99	60.8	10.6	65.0	11.4	69.2	12.3	77.7	14.1	86.1	16.1
	29	43.9	7.99	52.3	9.53	60.8	11.2	65.0	12.1	69.2	13.1	77.7	15.0	86.1	17.2
	31	43.9	8.44	52.3	10.1	60.8	11.9	65.0	12.9	69.2	13.9	77.7	16.0	86.1	18.3
	33	43.9	8.91	52.3	10.7	60.8	12.6	65.0	13.6	69.2	14.7	77.7	17.0	86.1	19.4
	35	43.9	9.40	52.3	11.3	60.8	13.3	65.0	14.4	69.2	15.6	77.7	18.0	86.1	20.6
	37	43.9	9.92	52.3	11.9	60.8	14.1	65.0	15.3	69.2	16.5	77.7	19.1	86.1	21.9
	39	43.9	10.5	52.3	12.6	60.8	14.9	65.0	16.2	69.2	17.5	77.7	20.3	86.1	23.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ48TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1560)	10	118	18.1	141	22.1	164	26.3	170	26.9	172	26.3	176	25.2	181	24.1
	12	118	18.4	141	22.6	164	26.8	168	26.8	170	26.2	174	25.1	179	24.7
	14	118	18.8	141	23.0	163	27.2	166	26.6	168	26.0	172	25.8	176	26.1
	16	118	19.1	141	23.4	161	27.0	163	26.8	166	27.0	170	27.2	174	27.5
	18	118	19.5	141	23.9	159	28.1	161	28.2	163	28.4	168	28.6	172	28.9
	20	118	19.9	141	25.5	157	29.4	159	29.6	161	29.7	165	30.0	170	30.3
	21	118	20.4	141	26.4	156	30.1	158	30.3	160	30.4	164	30.7	169	31.0
	23	118	21.9	141	28.3	154	31.5	156	31.7	158	31.8	162	32.1	166	32.5
	25	118	23.4	141	30.3	151	32.9	154	33.0	156	33.2	160	33.6	164	33.9
	27	118	25.0	141	32.4	149	34.3	151	34.4	153	34.6	158	35.0	162	35.3
	29	118	26.7	141	34.6	147	35.7	149	35.8	151	36.0	156	36.4	160	36.8
	31	118	28.5	141	36.6	145	37.0	147	37.2	149	37.5	153	37.9	158	38.3
	33	118	30.3	138	38.0	143	38.4	145	38.7	147	38.9	151	39.3	155	39.7
	35	118	32.3	136	39.4	140	39.9	143	40.1	145	40.3	149	40.8	153	41.2
	37	118	34.4	134	40.8	138	41.3	140	41.5	143	41.7	147	42.2	151	42.7
	39	118	36.6	132	42.2	136	42.7	138	42.9	140	43.2	145	43.7	149	44.2
120% (1440)	10	109	16.5	130	20.2	151	24.0	162	25.9	169	27.0	173	26.0	177	25.0
	12	109	16.8	130	20.6	151	24.5	162	26.4	167	26.9	171	25.9	175	24.8
	14	109	17.1	130	21.0	151	24.9	162	26.9	165	26.8	169	25.7	173	25.9
	16	109	17.5	130	21.4	151	25.4	161	27.1	163	26.8	167	27.0	171	27.3
	18	109	17.8	130	21.8	151	26.3	159	28.1	161	28.2	165	28.4	169	28.7
	20	109	18.2	130	22.6	151	28.2	157	29.4	158	29.6	162	29.8	166	30.1
	21	109	18.3	130	23.5	151	29.3	155	30.1	157	30.2	161	30.5	165	30.8
	23	109	19.6	130	25.1	151	31.3	153	31.5	155	31.6	159	31.9	163	32.2
	25	109	20.9	130	26.9	149	32.7	151	32.8	153	33.0	157	33.3	161	33.6
	27	109	22.3	130	28.7	147	34.1	149	34.2	151	34.4	155	34.7	159	35.1
	29	109	23.8	130	30.7	145	35.4	147	35.6	149	35.8	153	36.1	156	36.5
	31	109	25.4	130	32.8	142	36.8	144	37.0	146	37.2	150	37.6	154	37.9
	33	109	27.0	130	35.0	140	38.2	142	38.4	144	38.6	148	39.0	152	39.4
	35	109	28.8	130	37.3	138	39.6	140	39.8	142	40.0	146	40.4	150	40.9
	37	109	30.6	130	39.7	136	41.0	138	41.2	140	41.4	144	41.9	148	42.3
	39	109	32.6	130	42.0	134	42.4	136	42.6	138	42.9	142	43.3	146	43.8
110% (1320)	10	100	15.0	120	18.3	139	21.7	148	23.5	158	25.2	170	26.8	174	25.9
	12	100	15.3	120	18.6	139	22.1	148	23.9	158	25.7	168	26.7	172	25.7
	14	100	15.6	120	19.0	139	22.5	148	24.4	158	26.2	166	26.5	170	25.7
	16	100	15.8	120	19.3	139	23.0	148	24.8	158	26.7	164	26.9	167	27.1
	18	100	16.1	120	19.7	139	23.4	148	25.5	158	28.0	162	28.2	165	28.5
	20	100	16.5	120	20.1	139	24.8	148	27.4	156	29.4	159	29.6	163	29.9
	21	100	16.6	120	20.7	139	25.7	148	28.4	155	30.0	158	30.3	162	30.6
	23	100	17.4	120	22.2	139	27.6	148	30.5	153	31.4	156	31.7	160	32.0
	25	100	18.6	120	23.7	139	29.5	148	32.6	150	32.8	154	33.1	158	33.4
	27	100	19.8	120	25.3	139	31.6	146	34.0	148	34.2	152	34.5	155	34.8
	29	100	21.1	120	27.0	139	33.7	144	35.4	146	35.6	150	35.9	153	36.2
	31	100	22.5	120	28.8	139	36.0	142	36.8	144	36.9	147	37.3	151	37.6
	33	100	23.9	120	30.7	138	38.0	140	38.2	142	38.3	145	38.7	149	39.1
	35	100	25.5	120	32.8	136	39.4	138	39.5	139	39.7	143	40.1	147	40.5
	37	100	27.1	120	34.9	134	40.7	135	40.9	137	41.1	141	41.6	144	42.0
	39	100	28.8	120	37.1	131	42.1	133	42.4	135	42.6	139	43.0	142	43.4
100% (1200)	10	91.1	13.5	109	16.4	126	19.4	135	21.0	144	22.6	161	25.8	171	26.7
	12	91.1	13.8	109	16.7	126	19.8	135	21.4	144	23.0	161	26.3	168	26.6
	14	91.1	14.0	109	17.0	126	20.2	135	21.8	144	23.5	161	26.8	166	26.4
	16	91.1	14.3	109	17.3	126	20.6	135	22.2	144	23.9	161	27.2	164	26.9
	18	91.1	14.5	109	17.7	126	21.0	135	22.7	144	24.4	159	28.0	162	28.3
	20	91.1	14.8	109	18.0	126	21.6	135	23.8	144	26.1	156	29.4	160	29.6
	21	91.1	15.0	109	18.2	126	22.4	135	24.7	144	27.1	155	30.1	159	30.3
	23	91.1	15.3	109	19.4	126	24.0	135	26.4	144	29.0	153	31.5	156	31.7
	25	91.1	16.4	109	20.7	126	25.6	135	28.3	144	31.1	151	32.8	154	33.1
	27	91.1	17.5	109	22.1	126	27.4	135	30.3	144	33.3	149	34.2	152	34.5
	29	91.1	18.6	109	23.6	126	29.3	135	32.3	143	35.3	147	35.6	150	35.9
	31	91.1	19.8	109	25.2	126	31.2	135	34.5	141	36.7	144	37.0	148	37.3
	33	91.1	21.0	109	26.8	126	33.3	135	36.8	139	38.1	142	38.4	145	38.7
	35	91.1	22.4	109	28.5	126	35.5	135	39.3	137	39.5	140	39.8	143	40.1
	37	91.1	23.7	109	30.4	126	37.8	133	40.7	134	40.8	138	41.2	141	41.6
	39	91.1	25.2	109	32.3	126	40.3	131	42.1	132	42.2	136	42.6	139	43.0
90% (1080)	10	82.0	12.1	97.8	14.6	114	17.2	121	18.6	129	20.0	145	22.9	161	25.8
	12	82.0	12.3	97.8	14.9	114	17.6	121	19.0	129	20.4	145	23.3	161	26.3
	14	82.0	12.5	97.8	15.1	114	17.9	121	19.3	129	20.8	145	23.7	161	26.8
	16	82.0	12.8	97.8	15.4	114	18.2	121	19.7	129	21.2	145	24.2	161	27.2
	18	82.0	13.0	97.8	15.7	114	18.6	121	20.1	129	21.6	145	24.7	159	28.0
	20	82.0	13.2	97.8	16.0	114	19.0	121	20.5	129	22.4	145	26.5	156	29.4
	21	82.0	13.3	97.8	16.2	114	19.3	121	21.2	129	23.2	145	27.5	155	30.1
	23	82.0	13.6	97.8	16.8	114	20.6	121	22.7	129	24.9	145	29.5	153	31.5
	25	82.0	14.3	97.8	18.0	114	22.1	121	24.3	129	26.6	145	31.6	151	32.8
	27	82.0	15.2	97.8	19.2	114	23.6	121	25.9	129	28.4	145	33.8	149	34.2
	29	82.0	16.2	97.8	20.4	114	25.1	121	27.7	129	30.4	144	35.3	146	35.6
	31	82.0	17.2	97.8	21.8	114	26.8	121	29.5	129	32.4	141	36.7	144	37.0
	33	82.0	18.3	97.8	23.1	114	28.6	121	31.5	129	34.6	139	38.1	142	38.4
	35	82.0	19.5	97.8	24.6	114	30.4	121	33.6	129	36.9	137	39.5	140	39.8
	37	82.0	20.6	97.8	26.2	114	32.4	121	35.7	129	39.3	135	40.9	138	41.2
	39	82.0	21.9	97.8	27.8	114	34.5	121	38.1	129	41.8	133	42.3	135	42.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (960)	10	72.9	10.8	86.9	12.9	101	15.1	108	16.3	115	17.5	129	20.0	143	22.5
	12	72.9	10.9	86.9	13.1	101	15.4	108	16.6	115	17.8	129	20.3	143	22.9
	14	72.9	11.1	86.9	13.3	101	15.7	108	16.9	115	18.2	129	20.7	143	23.3
	16	72.9	11.3	86.9	13.6	101	16.0	108	17.2	115	18.5	129	21.1	143	23.8
	18	72.9	11.5	86.9	13.8	101	16.3	108	17.6	115	18.9	129	21.5	143	24.3
	20	72.9	11.7	86.9	14.1	101	16.6	108	17.9	115	19.2	129	22.3	143	26.0
	21	72.9	11.8	86.9	14.2	101	16.8	108	18.1	115	19.6	129	23.1	143	26.9
	23	72.9	12.0	86.9	14.5	101	17.6	108	19.3	115	21.0	129	24.8	143	28.8
	25	72.9	12.4	86.9	15.4	101	18.8	108	20.6	115	22.5	129	26.5	143	30.9
	27	72.9	13.2	86.9	16.4	101	20.0	108	22.0	115	24.0	129	28.3	143	33.0
	29	72.9	14.0	86.9	17.5	101	21.3	108	23.4	115	25.6	129	30.3	143	35.3
	31	72.9	14.9	86.9	18.6	101	22.7	108	25.0	115	27.3	129	32.3	141	36.7
	33	72.9	15.8	86.9	19.8	101	24.2	108	26.6	115	29.1	129	34.4	139	38.1
	35	72.9	16.8	86.9	21.0	101	25.7	108	28.3	115	31.0	129	36.7	137	39.4
	37	72.9	17.8	86.9	22.3	101	27.4	108	30.1	115	33.0	129	39.1	134	40.8
	39	72.9	18.8	86.9	23.7	101	29.1	108	32.0	115	35.1	129	41.7	132	42.2
70% (840)	10	63.8	9.46	76.1	11.2	88.3	13.1	94.5	14.1	101	15.1	113	17.1	125	19.3
	12	63.8	9.60	76.1	11.4	88.3	13.3	94.5	14.3	101	15.3	113	17.5	125	19.6
	14	63.8	9.75	76.1	11.6	88.3	13.6	94.5	14.6	101	15.6	113	17.8	125	20.0
	16	63.8	9.91	76.1	11.8	88.3	13.8	94.5	14.8	101	15.9	113	18.1	125	20.4
	18	63.8	10.1	76.1	12.0	88.3	14.1	94.5	15.1	101	16.2	113	18.5	125	20.8
	20	63.8	10.2	76.1	12.2	88.3	14.3	94.5	15.4	101	16.5	113	18.8	125	21.4
	21	63.8	10.3	76.1	12.3	88.3	14.5	94.5	15.6	101	16.7	113	19.1	125	22.1
	23	63.8	10.5	76.1	12.6	88.3	14.8	94.5	16.1	101	17.5	113	20.5	125	23.7
	25	63.8	10.7	76.1	13.1	88.3	15.7	94.5	17.2	101	18.7	113	21.9	125	25.4
	27	63.8	11.3	76.1	13.9	88.3	16.8	94.5	18.3	101	19.9	113	23.4	125	27.1
	29	63.8	12.0	76.1	14.8	88.3	17.9	94.5	19.5	101	21.2	113	24.9	125	28.9
	31	63.8	12.7	76.1	15.7	88.3	19.0	94.5	20.8	101	22.6	113	26.6	125	30.9
	33	63.8	13.5	76.1	16.7	88.3	20.2	94.5	22.1	101	24.1	113	28.3	125	32.9
	35	63.8	14.3	76.1	17.7	88.3	21.5	94.5	23.5	101	25.6	113	30.2	125	35.1
	37	63.8	15.1	76.1	18.7	88.3	22.8	94.5	25.0	101	27.2	113	32.1	125	37.4
	39	63.8	16.0	76.1	19.9	88.3	24.2	94.5	26.5	101	29.0	113	34.2	125	39.8
60% (720)	10	54.7	8.23	65.2	9.65	75.7	11.2	81.0	12.0	86.3	12.8	96.8	14.5	107	16.2
	12	54.7	8.34	65.2	9.80	75.7	11.4	81.0	12.2	86.3	13.0	96.8	14.7	107	16.5
	14	54.7	8.46	65.2	9.96	75.7	11.5	81.0	12.4	86.3	13.2	96.8	15.0	107	16.8
	16	54.7	8.59	65.2	10.1	75.7	11.7	81.0	12.6	86.3	13.5	96.8	15.3	107	17.1
	18	54.7	8.72	65.2	10.3	75.7	11.9	81.0	12.8	86.3	13.7	96.8	15.5	107	17.4
	20	54.7	8.86	65.2	10.5	75.7	12.2	81.0	13.1	86.3	14.0	96.8	15.8	107	17.8
	21	54.7	8.93	65.2	10.6	75.7	12.3	81.0	13.2	86.3	14.1	96.8	16.0	107	18.0
	23	54.7	9.08	65.2	10.7	75.7	12.5	81.0	13.4	86.3	14.4	96.8	16.6	107	19.1
	25	54.7	9.23	65.2	10.9	75.7	13.0	81.0	14.1	86.3	15.3	96.8	17.7	107	20.4
	27	54.7	9.56	65.2	11.6	75.7	13.8	81.0	15.0	86.3	16.3	96.8	18.9	107	21.8
	29	54.7	10.1	65.2	12.3	75.7	14.7	81.0	16.0	86.3	17.3	96.8	20.2	107	23.2
	31	54.7	10.7	65.2	13.0	75.7	15.6	81.0	17.0	86.3	18.4	96.8	21.5	107	24.7
	33	54.7	11.3	65.2	13.8	75.7	16.6	81.0	18.0	86.3	19.6	96.8	22.8	107	26.4
	35	54.7	12.0	65.2	14.6	75.7	17.6	81.0	19.1	86.3	20.8	96.8	24.3	107	28.1
	37	54.7	12.7	65.2	15.5	75.7	18.6	81.0	20.3	86.3	22.1	96.8	25.8	107	29.8
	39	54.7	13.4	65.2	16.4	75.7	19.8	81.0	21.6	86.3	23.4	96.8	27.4	107	31.7
50% (600)	10	45.5	7.07	54.3	8.18	63.1	9.36	67.5	9.98	71.9	10.6	80.7	11.9	89.4	13.3
	12	45.5	7.16	54.3	8.30	63.1	9.51	67.5	10.1	71.9	10.8	80.7	12.1	89.4	13.5
	14	45.5	7.26	54.3	8.42	63.1	9.65	67.5	10.3	71.9	11.0	80.7	12.3	89.4	13.7
	16	45.5	7.35	54.3	8.54	63.1	9.81	67.5	10.5	71.9	11.1	80.7	12.5	89.4	14.0
	18	45.5	7.46	54.3	8.67	63.1	9.97	67.5	10.6	71.9	11.3	80.7	12.8	89.4	14.3
	20	45.5	7.56	54.3	8.81	63.1	10.1	67.5	10.8	71.9	11.5	80.7	13.0	89.4	14.5
	21	45.5	7.62	54.3	8.88	63.1	10.2	67.5	10.9	71.9	11.6	80.7	13.1	89.4	14.7
	23	45.5	7.73	54.3	9.02	63.1	10.4	67.5	11.1	71.9	11.8	80.7	13.4	89.4	15.0
	25	45.5	7.85	54.3	9.18	63.1	10.6	67.5	11.3	71.9	12.2	80.7	14.0	89.4	16.0
	27	45.5	7.98	54.3	9.50	63.1	11.2	67.5	12.1	71.9	13.0	80.7	14.9	89.4	17.0
	29	45.5	8.44	54.3	10.1	63.1	11.9	67.5	12.8	71.9	13.8	80.7	15.9	89.4	18.1
	31	45.5	8.92	54.3	10.7	63.1	12.6	67.5	13.6	71.9	14.6	80.7	16.9	89.4	19.3
	33	45.5	9.41	54.3	11.3	63.1	13.3	67.5	14.4	71.9	15.5	80.7	17.9	89.4	20.5
	35	45.5	9.94	54.3	11.9	63.1	14.1	67.5	15.3	71.9	16.5	80.7	19.1	89.4	21.8
	37	45.5	10.5	54.3	12.6	63.1	14.9	67.5	16.2	71.9	17.5	80.7	20.2	89.4	23.2
	39	45.5	11.0	54.3	13.3	63.1	15.8	67.5	17.1	71.9	18.5	80.7	21.4	89.4	24.6

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ50TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1625)	10	123	19.2	146	23.5	170	27.9	176	28.5	179	27.9	183	26.8	187	25.6
	12	123	19.5	146	23.9	170	28.5	174	28.4	176	27.8	181	26.6	185	26.2
	14	123	19.9	146	24.4	170	28.8	172	28.2	174	27.6	178	27.4	183	27.7
	16	123	20.3	146	24.9	167	28.7	169	28.5	172	28.6	176	28.9	181	29.2
	18	123	20.7	146	25.4	165	29.8	167	29.9	169	30.1	174	30.4	178	30.7
	20	123	21.1	146	27.0	163	31.2	165	31.4	167	31.6	172	31.9	176	32.2
	21	123	21.7	146	28.0	162	32.0	164	32.1	166	32.3	170	32.6	175	32.9
	23	123	23.2	146	30.0	159	33.4	162	33.6	164	33.8	168	34.1	173	34.4
	25	123	24.8	146	32.1	157	34.9	159	35.1	161	35.2	166	35.6	170	36.0
	27	123	26.5	146	34.4	155	36.4	157	36.5	159	36.7	164	37.1	168	37.5
	29	123	28.3	146	36.7	152	37.8	155	38.0	157	38.2	161	38.6	166	39.0
	31	123	30.2	146	38.9	150	39.3	152	39.5	155	39.7	159	40.2	163	40.6
	33	123	32.2	143	40.3	148	40.8	150	41.0	152	41.3	157	41.7	161	42.2
	35	123	34.3	141	41.8	146	42.3	148	42.5	150	42.8	155	43.2	159	43.7
	37	123	36.5	139	43.3	143	43.8	146	44.0	148	44.3	152	44.8	157	45.3
	39	123	38.9	137	44.8	141	45.3	143	45.6	146	45.8	150	46.4	154	46.9
120% (1500)	10	113	17.5	135	21.4	157	25.5	168	27.5	176	28.7	180	27.6	184	26.5
	12	113	17.9	135	21.8	157	25.9	168	28.0	173	28.5	178	27.4	182	26.3
	14	113	18.2	135	22.2	157	26.4	168	28.6	171	28.4	175	27.3	179	27.5
	16	113	18.5	135	22.7	157	27.0	167	28.8	169	28.4	173	28.7	177	29.0
	18	113	18.9	135	23.1	157	27.9	165	29.8	167	29.9	171	30.2	175	30.4
	20	113	19.3	135	24.0	157	30.0	162	31.2	164	31.4	168	31.6	173	31.9
	21	113	19.5	135	24.9	157	31.1	161	31.9	163	32.1	167	32.4	171	32.7
	23	113	20.8	135	26.7	157	33.2	159	33.4	161	33.6	165	33.9	169	34.2
	25	113	22.2	135	28.5	155	34.7	157	34.9	159	35.0	163	35.4	167	35.7
	27	113	23.7	135	30.5	152	36.1	154	36.3	156	36.5	160	36.9	165	37.2
	29	113	25.3	135	32.6	150	37.6	152	37.8	154	38.0	158	38.4	162	38.7
	31	113	26.9	135	34.8	148	39.1	150	39.3	152	39.5	156	39.9	160	40.3
	33	113	28.7	135	37.1	145	40.5	148	40.8	150	41.0	154	41.4	158	41.8
	35	113	30.5	135	39.5	143	42.0	145	42.2	147	42.5	151	42.9	155	43.4
	37	113	32.5	135	42.1	141	43.5	143	43.7	145	44.0	149	44.4	153	44.9
	39	113	34.6	135	44.5	139	45.0	141	45.3	143	45.5	147	46.0	151	46.5
110% (1375)	10	104	15.9	124	19.4	144	23.0	154	24.9	164	26.8	177	28.4	180	27.4
	12	104	16.2	124	19.7	144	23.5	154	25.4	164	27.3	174	28.3	178	27.3
	14	104	16.5	124	20.1	144	23.9	154	25.8	164	27.8	172	28.1	176	27.3
	16	104	16.8	124	20.5	144	24.4	154	26.3	164	28.3	170	28.5	174	28.7
	18	104	17.1	124	20.9	144	24.9	154	27.1	164	29.7	168	30.0	171	30.2
	20	104	17.5	124	21.3	144	26.3	154	29.1	162	31.2	165	31.4	169	31.7
	21	104	17.6	124	22.0	144	27.3	154	30.1	160	31.9	164	32.2	168	32.4
	23	104	18.5	124	23.5	144	29.2	154	32.3	158	33.3	162	33.6	166	33.9
	25	104	19.7	124	25.2	144	31.3	154	34.6	156	34.8	160	35.1	163	35.4
	27	104	21.0	124	26.9	144	33.5	152	36.1	154	36.3	157	36.6	161	36.9
	29	104	22.4	124	28.7	144	35.8	149	37.6	151	37.7	155	38.1	159	38.4
	31	104	23.9	124	30.6	144	38.2	147	39.0	149	39.2	153	39.6	157	39.9
	33	104	25.4	124	32.6	143	40.3	145	40.5	147	40.7	151	41.1	154	41.4
	35	104	27.0	124	34.8	141	41.8	143	42.0	144	42.2	148	42.6	152	43.0
	37	104	28.7	124	37.0	138	43.2	140	43.4	142	43.7	146	44.1	150	44.5
	39	104	30.5	124	39.4	136	44.7	138	44.9	140	45.2	144	45.6	147	46.1
100% (1250)	10	94.5	14.4	113	17.4	131	20.6	140	22.3	149	24.0	167	27.4	177	28.4
	12	94.5	14.6	113	17.7	131	21.0	140	22.7	149	24.4	167	27.9	175	28.2
	14	94.5	14.9	113	18.1	131	21.4	140	23.1	149	24.9	167	28.5	172	28.1
	16	94.5	15.1	113	18.4	131	21.8	140	23.6	149	25.4	167	28.8	170	28.5
	18	94.5	15.4	113	18.8	131	22.3	140	24.1	149	25.9	164	29.8	168	30.0
	20	94.5	15.7	113	19.1	131	22.9	140	25.3	149	27.7	162	31.2	166	31.4
	21	94.5	15.9	113	19.3	131	23.7	140	26.2	149	28.7	161	31.9	164	32.2
	23	94.5	16.3	113	20.6	131	25.4	140	28.1	149	30.8	159	33.4	162	33.6
	25	94.5	17.4	113	22.0	131	27.2	140	30.0	149	33.0	157	34.8	160	35.1
	27	94.5	18.5	113	23.5	131	29.1	140	32.1	149	35.3	154	36.3	158	36.6
	29	94.5	19.7	113	25.1	131	31.1	140	34.3	149	37.5	152	37.8	155	38.1
	31	94.5	21.0	113	26.7	131	33.1	140	36.6	146	38.9	150	39.3	153	39.6
	33	94.5	22.3	113	28.4	131	35.3	140	39.1	144	40.4	147	40.7	151	41.1
	35	94.5	23.7	113	30.3	131	37.7	140	41.7	142	41.9	145	42.2	149	42.6
	37	94.5	25.2	113	32.2	131	40.1	138	43.1	139	43.3	143	43.7	146	44.1
	39	94.5	26.8	113	34.3	131	42.7	135	44.6	137	44.8	141	45.2	144	45.6
90% (1125)	10	85.0	12.9	101	15.5	118	18.3	126	19.8	134	21.2	151	24.3	167	27.3
	12	85.0	13.1	101	15.8	118	18.6	126	20.1	134	21.6	151	24.7	167	27.9
	14	85.0	13.3	101	16.1	118	19.0	126	20.5	134	22.0	151	25.2	167	28.4
	16	85.0	13.5	101	16.4	118	19.4	126	20.9	134	22.5	151	25.7	167	28.8
	18	85.0	13.8	101	16.7	118	19.7	126	21.3	134	22.9	151	26.2	164	29.8
	20	85.0	14.0	101	17.0	118	20.1	126	21.7	134	23.8	151	28.1	162	31.2
	21	85.0	14.2	101	17.2	118	20.5	126	22.5	134	24.6	151	29.2	161	31.9
	23	85.0	14.4	101	17.9	118	21.9	126	24.1	134	26.4	151	31.3	159	33.4
	25	85.0	15.2	101	19.1	118	23.4	126	25.8	134	28.2	151	33.5	156	34.8
	27	85.0	16.2	101	20.3	118	25.0	126	27.5	134	30.2	151	35.8	154	36.3
	29	85.0	17.2	101	21.7	118	26.7	126	29.4	134	32.2	149	37.5	152	37.8
	31	85.0	18.3	101	23.1	118	28.4	126	31.3	134	34.4	147	39.0	150	39.3
	33	85.0	19.4	101	24.6	118	30.3	126	33.4	134	36.7	144	40.4	147	40.7
	35	85.0	20.6	101	26.1	118	32.3	126	35.6	134	39.1	142	41.9	145	42.2
	37	85.0	21.9	101	27.8	118	34.4	126	37.9	134	41.7	140	43.4	143	43.7
	39	85.0	23.2	101	29.5	118	36.6	126	40.4	134	44.4	137	44.9	140	45.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1000)	10	75.6	11.4	90.1	13.7	105	16.1	112	17.3	119	18.6	134	21.2	148	23.8
	12	75.6	11.6	90.1	13.9	105	16.3	112	17.6	119	18.9	134	21.6	148	24.3
	14	75.6	11.8	90.1	14.1	105	16.6	112	17.9	119	19.3	134	22.0	148	24.8
	16	75.6	12.0	90.1	14.4	105	17.0	112	18.3	119	19.6	134	22.4	148	25.2
	18	75.6	12.2	90.1	14.7	105	17.3	112	18.6	119	20.0	134	22.9	148	25.8
	20	75.6	12.4	90.1	14.9	105	17.6	112	19.0	119	20.4	134	23.7	148	27.5
	21	75.6	12.5	90.1	15.1	105	17.8	112	19.2	119	20.8	134	24.5	148	28.5
	23	75.6	12.8	90.1	15.4	105	18.6	112	20.4	119	22.3	134	26.3	148	30.6
	25	75.6	13.2	90.1	16.4	105	19.9	112	21.8	119	23.8	134	28.1	148	32.8
	27	75.6	14.0	90.1	17.4	105	21.2	112	23.3	119	25.5	134	30.1	148	35.0
	29	75.6	14.9	90.1	18.6	105	22.6	112	24.8	119	27.2	134	32.1	148	37.5
	31	75.6	15.8	90.1	19.7	105	24.1	112	26.5	119	29.0	134	34.3	146	38.9
	33	75.6	16.8	90.1	21.0	105	25.7	112	28.2	119	30.9	134	36.5	144	40.4
	35	75.6	17.8	90.1	22.3	105	27.3	112	30.0	119	32.9	134	39.0	142	41.9
	37	75.6	18.8	90.1	23.7	105	29.0	112	31.9	119	35.0	134	41.5	139	43.3
	39	75.6	20.0	90.1	25.1	105	30.9	112	34.0	119	37.2	134	44.2	137	44.8
70% (875)	10	66.1	10.0	78.9	11.9	91.6	13.9	98.0	14.9	104	16.0	117	18.2	130	20.4
	12	66.1	10.2	78.9	12.1	91.6	14.1	98.0	15.2	104	16.3	117	18.5	130	20.8
	14	66.1	10.3	78.9	12.3	91.6	14.4	98.0	15.5	104	16.6	117	18.9	130	21.2
	16	66.1	10.5	78.9	12.5	91.6	14.6	98.0	15.8	104	16.9	117	19.2	130	21.6
	18	66.1	10.7	78.9	12.7	91.6	14.9	98.0	16.1	104	17.2	117	19.6	130	22.1
	20	66.1	10.9	78.9	13.0	91.6	15.2	98.0	16.4	104	17.5	117	20.0	130	22.7
	21	66.1	11.0	78.9	13.1	91.6	15.3	98.0	16.5	104	17.7	117	20.3	130	23.5
	23	66.1	11.1	78.9	13.3	91.6	15.7	98.0	17.1	104	18.6	117	21.7	130	25.2
	25	66.1	11.3	78.9	13.9	91.6	16.7	98.0	18.2	104	19.8	117	23.2	130	26.9
	27	66.1	12.0	78.9	14.7	91.6	17.8	98.0	19.4	104	21.2	117	24.8	130	28.8
	29	66.1	12.7	78.9	15.7	91.6	18.9	98.0	20.7	104	22.5	117	26.5	130	30.7
	31	66.1	13.5	78.9	16.7	91.6	20.2	98.0	22.0	104	24.0	117	28.2	130	32.8
	33	66.1	14.3	78.9	17.7	91.6	21.4	98.0	23.4	104	25.6	117	30.1	130	34.9
	35	66.1	15.1	78.9	18.8	91.6	22.8	98.0	24.9	104	27.2	117	32.0	130	37.2
	37	66.1	16.0	78.9	19.9	91.6	24.2	98.0	26.5	104	28.9	117	34.1	130	39.7
	39	66.1	17.0	78.9	21.1	91.6	25.7	98.0	28.1	104	30.7	117	36.3	130	42.3
60% (750)	10	56.7	8.73	67.6	10.2	78.5	11.9	84.0	12.7	89.5	13.6	100	15.3	111	17.2
	12	56.7	8.85	67.6	10.4	78.5	12.0	84.0	12.9	89.5	13.8	100	15.6	111	17.5
	14	56.7	8.98	67.6	10.6	78.5	12.3	84.0	13.1	89.5	14.0	100	15.9	111	17.8
	16	56.7	9.11	67.6	10.7	78.5	12.5	84.0	13.4	89.5	14.3	100	16.2	111	18.2
	18	56.7	9.25	67.6	10.9	78.5	12.7	84.0	13.6	89.5	14.5	100	16.5	111	18.5
	20	56.7	9.40	67.6	11.1	78.5	12.9	84.0	13.8	89.5	14.8	100	16.8	111	18.9
	21	56.7	9.47	67.6	11.2	78.5	13.0	84.0	14.0	89.5	15.0	100	17.0	111	19.1
	23	56.7	9.63	67.6	11.4	78.5	13.3	84.0	14.2	89.5	15.2	100	17.6	111	20.3
	25	56.7	9.79	67.6	11.6	78.5	13.8	84.0	15.0	89.5	16.2	100	18.8	111	21.6
	27	56.7	10.1	67.6	12.3	78.5	14.7	84.0	15.9	89.5	17.3	100	20.1	111	23.1
	29	56.7	10.8	67.6	13.1	78.5	15.6	84.0	17.0	89.5	18.4	100	21.4	111	24.6
	31	56.7	11.4	67.6	13.8	78.5	16.6	84.0	18.0	89.5	19.5	100	22.8	111	26.3
	33	56.7	12.0	67.6	14.7	78.5	17.6	84.0	19.1	89.5	20.8	100	24.2	111	28.0
	35	56.7	12.7	67.6	15.5	78.5	18.7	84.0	20.3	89.5	22.1	100	25.8	111	29.8
	37	56.7	13.5	67.6	16.5	78.5	19.8	84.0	21.6	89.5	23.4	100	27.4	111	31.7
	39	56.7	14.2	67.6	17.4	78.5	21.0	84.0	22.9	89.5	24.9	100	29.1	111	33.7
50% (625)	10	47.2	7.50	56.3	8.68	65.4	9.93	70.0	10.6	74.6	11.3	83.7	12.6	92.8	14.1
	12	47.2	7.60	56.3	8.80	65.4	10.1	70.0	10.8	74.6	11.4	83.7	12.9	92.8	14.3
	14	47.2	7.70	56.3	8.93	65.4	10.2	70.0	10.9	74.6	11.6	83.7	13.1	92.8	14.6
	16	47.2	7.80	56.3	9.07	65.4	10.4	70.0	11.1	74.6	11.8	83.7	13.3	92.8	14.8
	18	47.2	7.91	56.3	9.20	65.4	10.6	70.0	11.3	74.6	12.0	83.7	13.5	92.8	15.1
	20	47.2	8.03	56.3	9.35	65.4	10.8	70.0	11.5	74.6	12.2	83.7	13.8	92.8	15.4
	21	47.2	8.08	56.3	9.42	65.4	10.8	70.0	11.6	74.6	12.3	83.7	13.9	92.8	15.6
	23	47.2	8.20	56.3	9.58	65.4	11.0	70.0	11.8	74.6	12.6	83.7	14.2	92.8	15.9
	25	47.2	8.33	56.3	9.74	65.4	11.2	70.0	12.0	74.6	13.0	83.7	14.9	92.8	17.0
	27	47.2	8.46	56.3	10.1	65.4	11.9	70.0	12.8	74.6	13.8	83.7	15.9	92.8	18.1
	29	47.2	8.95	56.3	10.7	65.4	12.6	70.0	13.6	74.6	14.6	83.7	16.9	92.8	19.3
	31	47.2	9.46	56.3	11.3	65.4	13.3	70.0	14.4	74.6	15.5	83.7	17.9	92.8	20.5
	33	47.2	9.99	56.3	12.0	65.4	14.1	70.0	15.3	74.6	16.5	83.7	19.0	92.8	21.8
	35	47.2	10.5	56.3	12.6	65.4	15.0	70.0	16.2	74.6	17.5	83.7	20.2	92.8	23.1
	37	47.2	11.1	56.3	13.4	65.4	15.8	70.0	17.2	74.6	18.5	83.7	21.5	92.8	24.6
	39	47.2	11.7	56.3	14.1	65.4	16.8	70.0	18.2	74.6	19.6	83.7	22.8	92.8	26.1

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ52TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1690)	10	127	20.2	152	24.7	176	29.3	183	30.0	185	29.4	190	28.1	194	26.9
	12	127	20.5	152	25.1	176	29.9	180	29.8	183	29.2	187	27.9	192	27.5
	14	127	20.9	152	25.6	176	30.3	178	29.7	180	29.0	185	28.8	189	29.1
	16	127	21.3	152	26.1	173	30.1	176	29.9	178	30.1	182	30.3	187	30.6
	18	127	21.7	152	26.6	171	31.3	173	31.4	175	31.6	180	31.9	185	32.2
	20	127	22.2	152	28.4	169	32.8	171	33.0	173	33.1	178	33.5	182	33.8
	21	127	22.8	152	29.4	167	33.6	170	33.7	172	33.9	177	34.3	181	34.6
	23	127	24.4	152	31.5	165	35.1	167	35.3	170	35.5	174	35.8	179	36.2
	25	127	26.1	152	33.7	163	36.6	165	36.8	167	37.0	172	37.4	176	37.8
	27	127	27.9	152	36.1	160	38.2	163	38.4	165	38.6	169	39.0	174	39.4
	29	127	29.7	152	38.6	158	39.7	160	39.9	163	40.2	167	40.6	172	41.0
	31	127	31.7	151	40.8	156	41.3	158	41.5	160	41.7	165	42.2	169	42.6
	33	127	33.8	149	42.4	153	42.9	155	43.1	158	43.3	162	43.8	167	44.3
	35	127	36.0	146	43.9	151	44.4	153	44.7	155	44.9	160	45.4	165	45.9
	37	127	38.4	144	45.5	148	46.0	151	46.3	153	46.5	158	47.1	162	47.6
	39	127	40.8	142	47.0	146	47.6	148	47.9	151	48.1	155	48.7	160	49.3
120% (1560)	10	117	18.4	140	22.5	163	26.7	174	28.9	182	30.1	186	29.0	190	27.8
	12	117	18.8	140	22.9	163	27.3	174	29.5	180	30.0	184	28.8	188	27.7
	14	117	19.1	140	23.4	163	27.8	174	30.0	177	29.8	182	28.6	186	28.9
	16	117	19.5	140	23.8	163	28.3	173	30.2	175	29.9	179	30.1	183	30.4
	18	117	19.8	140	24.3	163	29.3	170	31.3	173	31.4	177	31.7	181	32.0
	20	117	20.2	140	25.2	163	31.5	168	32.8	170	32.9	174	33.2	179	33.5
	21	117	20.4	140	26.1	163	32.6	167	33.5	169	33.7	173	34.0	178	34.3
	23	117	21.8	140	28.0	162	34.9	165	35.1	167	35.2	171	35.6	175	35.9
	25	117	23.3	140	30.0	160	36.4	162	36.6	164	36.8	169	37.1	173	37.5
	27	117	24.9	140	32.0	158	38.0	160	38.1	162	38.3	166	38.7	170	39.1
	29	117	26.5	140	34.2	155	39.5	157	39.7	160	39.9	164	40.3	168	40.7
	31	117	28.3	140	36.5	153	41.0	155	41.2	157	41.5	162	41.9	166	42.3
	33	117	30.1	140	39.0	151	42.6	153	42.8	155	43.0	159	43.5	163	43.9
	35	117	32.1	140	41.5	148	44.1	150	44.4	153	44.6	157	45.1	161	45.5
	37	117	34.1	140	44.3	146	45.7	148	45.9	150	46.2	154	46.7	159	47.2
	39	117	36.3	139	46.8	144	47.3	146	47.5	148	47.8	152	48.3	156	48.8
110% (1430)	10	108	16.7	128	20.4	149	24.2	159	26.1	170	28.1	183	29.9	187	28.8
	12	108	17.0	128	20.7	149	24.6	159	26.6	170	28.7	181	29.7	185	28.7
	14	108	17.3	128	21.1	149	25.1	159	27.1	170	29.2	178	29.5	182	28.6
	16	108	17.7	128	21.5	149	25.6	159	27.7	170	29.8	176	29.9	180	30.2
	18	108	18.0	128	22.0	149	26.1	159	28.4	170	31.2	174	31.5	177	31.7
	20	108	18.3	128	22.4	149	27.7	159	30.6	167	32.7	171	33.0	175	33.3
	21	108	18.5	128	23.1	149	28.6	159	31.7	166	33.5	170	33.8	174	34.1
	23	108	19.4	128	24.7	149	30.7	159	34.0	164	35.0	168	35.3	172	35.6
	25	108	20.7	128	26.4	149	32.9	159	36.4	161	36.5	165	36.9	169	37.2
	27	108	22.1	128	28.2	149	35.2	157	37.9	159	38.1	163	38.4	167	38.8
	29	108	23.5	128	30.1	149	37.6	155	39.4	157	39.6	161	40.0	164	40.3
	31	108	25.1	128	32.1	149	40.1	152	41.0	154	41.2	158	41.6	162	41.9
	33	108	26.7	128	34.3	148	42.3	150	42.5	152	42.7	156	43.1	160	43.5
	35	108	28.4	128	36.5	146	43.9	148	44.1	150	44.3	154	44.7	157	45.1
	37	108	30.2	128	38.9	143	45.4	145	45.6	147	45.9	151	46.3	155	46.8
	39	108	32.1	128	41.4	141	47.0	143	47.2	145	47.4	149	47.9	153	48.4
100% (1300)	10	97.8	15.1	117	18.3	136	21.7	145	23.4	154	25.2	173	28.8	183	29.8
	12	97.8	15.3	117	18.6	136	22.1	145	23.9	154	25.7	173	29.3	181	29.6
	14	97.8	15.6	117	19.0	136	22.5	145	24.3	154	26.2	173	29.9	179	29.5
	16	97.8	15.9	117	19.3	136	22.9	145	24.8	154	26.7	173	30.3	176	30.0
	18	97.8	16.2	117	19.7	136	23.4	145	25.3	154	27.2	170	31.3	174	31.5
	20	97.8	16.5	117	20.1	136	24.1	145	26.5	154	29.1	168	32.8	172	33.0
	21	97.8	16.7	117	20.3	136	24.9	145	27.5	154	30.2	167	33.5	170	33.8
	23	97.8	17.1	117	21.6	136	26.7	145	29.5	154	32.4	164	35.1	168	35.3
	25	97.8	18.3	117	23.1	136	28.6	145	31.5	154	34.6	162	36.6	166	36.9
	27	97.8	19.5	117	24.7	136	30.6	145	33.7	154	37.1	160	38.1	163	38.4
	29	97.8	20.7	117	26.3	136	32.6	145	36.0	154	39.4	157	39.7	161	40.0
	31	97.8	22.0	117	28.1	136	34.8	145	38.5	151	40.9	155	41.2	159	41.6
	33	97.8	23.4	117	29.9	136	37.1	145	41.0	149	42.4	153	42.8	156	43.2
	35	97.8	24.9	117	31.8	136	39.6	145	43.8	147	44.0	150	44.4	154	44.7
	37	97.8	26.5	117	33.8	136	42.2	143	45.3	144	45.5	148	45.9	151	46.3
	39	97.8	28.1	117	36.0	136	44.9	140	46.9	142	47.1	146	47.5	149	47.9
90% (1170)	10	88.1	13.5	105	16.3	122	19.2	130	20.7	139	22.3	156	25.5	173	28.7
	12	88.1	13.7	105	16.6	122	19.6	130	21.1	139	22.7	156	26.0	173	29.3
	14	88.1	14.0	105	16.9	122	19.9	130	21.5	139	23.2	156	26.5	173	29.8
	16	88.1	14.2	105	17.2	122	20.3	130	21.9	139	23.6	156	27.0	173	30.3
	18	88.1	14.5	105	17.5	122	20.7	130	22.4	139	24.1	156	27.5	170	31.2
	20	88.1	14.7	105	17.8	122	21.1	130	22.8	139	25.0	156	29.6	168	32.8
	21	88.1	14.9	105	18.0	122	21.5	130	23.6	139	25.9	156	30.6	167	33.5
	23	88.1	15.2	105	18.8	122	23.0	130	25.3	139	27.7	156	32.8	164	35.1
	25	88.1	16.0	105	20.0	122	24.6	130	27.1	139	29.6	156	35.2	162	36.6
	27	88.1	17.0	105	21.4	122	26.3	130	28.9	139	31.7	156	37.6	160	38.1
	29	88.1	18.1	105	22.8	122	28.0	130	30.9	139	33.8	154	39.4	157	39.7
	31	88.1	19.2	105	24.2	122	29.9	130	32.9	139	36.1	152	40.9	155	41.2
	33	88.1	20.4	105	25.8	122	31.8	130	35.1	139	38.5	149	42.5	153	42.8
	35	88.1	21.7	105	27.4	122	33.9	130	37.4	139	41.1	147	44.0	150	44.4
	37	88.1	23.0	105	29.2	122	36.1	130	39.8	139	43.8	145	45.6	148	45.9
	39	88.1	24.4	105	31.0	122	38.4	130	42.4	139	46.6	142	47.1	146	47.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1040)	10	78.3	12.0	93.4	14.4	108	16.9	116	18.2	124	19.5	139	22.2	154	25.1
	12	78.3	12.2	93.4	14.6	108	17.2	116	18.5	124	19.9	139	22.7	154	25.5
	14	78.3	12.4	93.4	14.9	108	17.5	116	18.8	124	20.2	139	23.1	154	26.0
	16	78.3	12.6	93.4	15.1	108	17.8	116	19.2	124	20.6	139	23.5	154	26.5
	18	78.3	12.8	93.4	15.4	108	18.1	116	19.6	124	21.0	139	24.0	154	27.0
	20	78.3	13.0	93.4	15.7	108	18.5	116	20.0	124	21.4	139	24.9	154	28.9
	21	78.3	13.2	93.4	15.8	108	18.7	116	20.2	124	21.9	139	25.8	154	30.0
	23	78.3	13.4	93.4	16.1	108	19.6	116	21.5	124	23.4	139	27.6	154	32.1
	25	78.3	13.8	93.4	17.2	108	20.9	116	22.9	124	25.0	139	29.5	154	34.4
	27	78.3	14.7	93.4	18.3	108	22.3	116	24.5	124	26.7	139	31.6	154	36.8
	29	78.3	15.6	93.4	19.5	108	23.8	116	26.1	124	28.5	139	33.7	154	39.3
	31	78.3	16.6	93.4	20.7	108	25.3	116	27.8	124	30.4	139	36.0	151	40.9
	33	78.3	17.6	93.4	22.0	108	27.0	116	29.6	124	32.4	139	38.4	149	42.4
	35	78.3	18.7	93.4	23.4	108	28.7	116	31.5	124	34.5	139	40.9	147	44.0
	37	78.3	19.8	93.4	24.9	108	30.5	116	33.5	124	36.8	139	43.6	144	45.5
	39	78.3	21.0	93.4	26.4	108	32.4	116	35.7	124	39.1	139	46.5	142	47.1
70% (910)	10	68.5	10.5	81.7	12.5	94.9	14.6	101	15.7	108	16.8	121	19.1	135	21.5
	12	68.5	10.7	81.7	12.7	94.9	14.9	101	16.0	108	17.1	121	19.5	135	21.9
	14	68.5	10.9	81.7	12.9	94.9	15.1	101	16.3	108	17.4	121	19.8	135	22.3
	16	68.5	11.0	81.7	13.1	94.9	15.4	101	16.5	108	17.7	121	20.2	135	22.7
	18	68.5	11.2	81.7	13.4	94.9	15.7	101	16.9	108	18.1	121	20.6	135	23.2
	20	68.5	11.4	81.7	13.6	94.9	16.0	101	17.2	108	18.4	121	21.0	135	23.8
	21	68.5	11.5	81.7	13.7	94.9	16.1	101	17.3	108	18.6	121	21.3	135	24.7
	23	68.5	11.7	81.7	14.0	94.9	16.4	101	17.9	108	19.5	121	22.8	135	26.4
	25	68.5	11.9	81.7	14.6	94.9	17.5	101	19.1	108	20.8	121	24.4	135	28.3
	27	68.5	12.6	81.7	15.5	94.9	18.7	101	20.4	108	22.2	121	26.1	135	30.2
	29	68.5	13.4	81.7	16.5	94.9	19.9	101	21.7	108	23.7	121	27.8	135	32.3
	31	68.5	14.2	81.7	17.5	94.9	21.2	101	23.1	108	25.2	121	29.6	135	34.4
	33	68.5	15.0	81.7	18.6	94.9	22.5	101	24.6	108	26.8	121	31.6	135	36.7
	35	68.5	15.9	81.7	19.7	94.9	23.9	101	26.2	108	28.6	121	33.6	135	39.1
	37	68.5	16.8	81.7	20.9	94.9	25.4	101	27.8	108	30.4	121	35.8	135	41.7
	39	68.5	17.8	81.7	22.1	94.9	27.0	101	29.6	108	32.3	121	38.1	135	44.4
60% (780)	10	58.7	9.17	70.0	10.8	81.3	12.5	87.0	13.3	92.7	14.2	104	16.1	115	18.0
	12	58.7	9.30	70.0	10.9	81.3	12.7	87.0	13.6	92.7	14.5	104	16.4	115	18.4
	14	58.7	9.43	70.0	11.1	81.3	12.9	87.0	13.8	92.7	14.7	104	16.7	115	18.7
	16	58.7	9.57	70.0	11.3	81.3	13.1	87.0	14.0	92.7	15.0	104	17.0	115	19.1
	18	58.7	9.72	70.0	11.5	81.3	13.3	87.0	14.3	92.7	15.3	104	17.3	115	19.4
	20	58.7	9.87	70.0	11.7	81.3	13.6	87.0	14.5	92.7	15.6	104	17.7	115	19.8
	21	58.7	9.95	70.0	11.8	81.3	13.7	87.0	14.7	92.7	15.7	104	17.8	115	20.0
	23	58.7	10.1	70.0	12.0	81.3	13.9	87.0	15.0	92.7	16.0	104	18.5	115	21.3
	25	58.7	10.3	70.0	12.2	81.3	14.5	87.0	15.7	92.7	17.0	104	19.8	115	22.7
	27	58.7	10.7	70.0	12.9	81.3	15.4	87.0	16.7	92.7	18.1	104	21.1	115	24.3
	29	58.7	11.3	70.0	13.7	81.3	16.4	87.0	17.8	92.7	19.3	104	22.5	115	25.9
	31	58.7	12.0	70.0	14.5	81.3	17.4	87.0	18.9	92.7	20.5	104	23.9	115	27.6
	33	58.7	12.6	70.0	15.4	81.3	18.5	87.0	20.1	92.7	21.8	104	25.5	115	29.4
	35	58.7	13.4	70.0	16.3	81.3	19.6	87.0	21.3	92.7	23.2	104	27.1	115	31.3
	37	58.7	14.1	70.0	17.3	81.3	20.8	87.0	22.6	92.7	24.6	104	28.8	115	33.3
	39	58.7	14.9	70.0	18.3	81.3	22.0	87.0	24.0	92.7	26.1	104	30.6	115	35.4
50% (650)	10	48.9	7.88	58.3	9.12	67.8	10.4	72.5	11.1	77.2	11.8	86.7	13.3	96.1	14.8
	12	48.9	7.98	58.3	9.25	67.8	10.6	72.5	11.3	77.2	12.0	86.7	13.5	96.1	15.0
	14	48.9	8.09	58.3	9.38	67.8	10.8	72.5	11.5	77.2	12.2	86.7	13.7	96.1	15.3
	16	48.9	8.20	58.3	9.52	67.8	10.9	72.5	11.7	77.2	12.4	86.7	14.0	96.1	15.6
	18	48.9	8.31	58.3	9.67	67.8	11.1	72.5	11.9	77.2	12.6	86.7	14.2	96.1	15.9
	20	48.9	8.43	58.3	9.82	67.8	11.3	72.5	12.1	77.2	12.9	86.7	14.5	96.1	16.2
	21	48.9	8.49	58.3	9.90	67.8	11.4	72.5	12.2	77.2	13.0	86.7	14.6	96.1	16.3
	23	48.9	8.62	58.3	10.1	67.8	11.6	72.5	12.4	77.2	13.2	86.7	14.9	96.1	16.7
	25	48.9	8.75	58.3	10.2	67.8	11.8	72.5	12.6	77.2	13.6	86.7	15.6	96.1	17.8
	27	48.9	8.89	58.3	10.6	67.8	12.4	72.5	13.4	77.2	14.5	86.7	16.7	96.1	19.0
	29	48.9	9.40	58.3	11.2	67.8	13.2	72.5	14.3	77.2	15.4	86.7	17.7	96.1	20.2
	31	48.9	9.94	58.3	11.9	67.8	14.0	72.5	15.1	77.2	16.3	86.7	18.8	96.1	21.5
	33	48.9	10.5	58.3	12.6	67.8	14.8	72.5	16.1	77.2	17.3	86.7	20.0	96.1	22.9
	35	48.9	11.1	58.3	13.3	67.8	15.7	72.5	17.0	77.2	18.4	86.7	21.2	96.1	24.3
	37	48.9	11.7	58.3	14.0	67.8	16.6	72.5	18.0	77.2	19.5	86.7	22.5	96.1	25.8
	39	48.9	12.3	58.3	14.8	67.8	17.6	72.5	19.1	77.2	20.6	86.7	23.9	96.1	27.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ54TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1755)	10	132	21.3	157	26.0	182	31.0	189	31.6	191	31.0	196	29.7	201	28.3
	12	132	21.7	157	26.5	182	31.5	186	31.4	189	30.8	194	29.5	198	29.0
	14	132	22.1	157	27.0	182	31.9	184	31.3	186	30.6	191	30.4	196	30.7
	16	132	22.5	157	27.6	179	31.8	182	31.6	184	31.7	189	32.0	193	32.3
	18	132	22.9	157	28.1	177	33.0	179	33.2	182	33.3	186	33.7	191	34.0
	20	132	23.4	157	29.9	174	34.6	177	34.8	179	35.0	184	35.3	189	35.6
	21	132	24.0	157	31.0	173	35.4	175	35.6	178	35.8	183	36.1	187	36.5
	23	132	25.7	157	33.2	171	37.0	173	37.2	175	37.4	180	37.8	185	38.2
	25	132	27.5	157	35.6	168	38.7	171	38.9	173	39.1	178	39.5	182	39.9
	27	132	29.4	157	38.1	166	40.3	168	40.5	171	40.7	175	41.1	180	41.6
	29	132	31.4	157	40.7	163	41.9	166	42.1	168	42.4	173	42.8	178	43.3
	31	132	33.5	156	43.1	161	43.6	163	43.8	166	44.0	170	44.5	175	45.0
	33	132	35.7	154	44.7	158	45.2	161	45.5	163	45.7	168	46.2	173	46.7
	35	132	38.0	151	46.3	156	46.9	158	47.1	161	47.4	166	47.9	170	48.4
	37	132	40.5	149	48.0	154	48.5	156	48.8	158	49.1	163	49.6	168	50.2
	39	132	43.1	146	49.6	151	50.2	154	50.5	156	50.8	161	51.4	165	52.0
120% (1620)	10	121	19.4	145	23.7	168	28.2	180	30.5	188	31.8	193	30.6	197	29.4
	12	121	19.8	145	24.2	168	28.7	180	31.1	186	31.6	190	30.4	195	29.2
	14	121	20.1	145	24.6	168	29.3	180	31.7	183	31.5	188	30.2	192	30.4
	16	121	20.5	145	25.1	168	29.9	179	31.9	181	31.5	185	31.8	190	32.1
	18	121	20.9	145	25.6	168	30.9	176	33.0	179	33.1	183	33.4	187	33.7
	20	121	21.3	145	26.6	168	33.2	174	34.6	176	34.7	180	35.1	185	35.4
	21	121	21.6	145	27.6	168	34.4	173	35.4	175	35.5	179	35.9	184	36.2
	23	121	23.0	145	29.5	168	36.8	170	37.0	172	37.2	177	37.5	181	37.9
	25	121	24.6	145	31.6	166	38.4	168	38.6	170	38.8	174	39.2	179	39.5
	27	121	26.3	145	33.8	163	40.0	165	40.2	168	40.4	172	40.8	176	41.2
	29	121	28.0	145	36.1	161	41.7	163	41.9	165	42.1	170	42.5	174	42.9
	31	121	29.8	145	38.5	158	43.3	160	43.5	163	43.7	167	44.2	171	44.6
	33	121	31.8	145	41.1	156	44.9	158	45.2	160	45.4	165	45.8	169	46.3
	35	121	33.8	145	43.8	153	46.6	156	46.8	158	47.1	162	47.5	167	48.0
	37	121	36.0	145	46.7	151	48.2	153	48.5	155	48.7	160	49.2	164	49.8
	39	121	38.3	144	49.3	149	49.9	151	50.1	153	50.4	157	51.0	162	51.5
110% (1485)	10	111	17.6	133	21.5	154	25.5	165	27.6	176	29.7	189	31.5	193	30.4
	12	111	18.0	133	21.9	154	26.0	165	28.1	176	30.2	187	31.3	191	30.2
	14	111	18.3	133	22.3	154	26.5	165	28.6	176	30.8	184	31.2	188	30.2
	16	111	18.6	133	22.7	154	27.0	165	29.2	176	31.4	182	31.6	186	31.8
	18	111	19.0	133	23.2	154	27.5	165	30.0	176	32.9	180	33.2	184	33.5
	20	111	19.3	133	23.6	154	29.2	165	32.2	173	34.5	177	34.8	181	35.1
	21	111	19.5	133	24.3	154	30.2	165	33.4	172	35.3	176	35.6	180	35.9
	23	111	20.5	133	26.1	154	32.4	165	35.8	169	36.9	173	37.3	177	37.6
	25	111	21.8	133	27.9	154	34.7	165	38.4	167	38.5	171	38.9	175	39.2
	27	111	23.3	133	29.8	154	37.1	163	40.0	165	40.2	169	40.5	173	40.9
	29	111	24.8	133	31.8	154	39.6	160	41.6	162	41.8	166	42.2	170	42.6
	31	111	26.4	133	33.9	154	42.3	158	43.2	160	43.4	164	43.8	168	44.2
	33	111	28.1	133	36.1	153	44.6	155	44.9	157	45.1	161	45.5	165	45.9
	35	111	29.9	133	38.5	151	46.3	153	46.5	155	46.7	159	47.2	163	47.6
	37	111	31.8	133	41.0	148	47.9	150	48.1	152	48.4	156	48.8	160	49.3
	39	111	33.8	133	43.7	146	49.5	148	49.8	150	50.0	154	50.5	158	51.0
100% (1350)	10	101	15.9	121	19.3	140	22.9	150	24.7	160	26.6	179	30.4	190	31.4
	12	101	16.2	121	19.6	140	23.3	150	25.2	160	27.1	179	30.9	187	31.3
	14	101	16.5	121	20.0	140	23.7	150	25.6	160	27.6	179	31.5	185	31.1
	16	101	16.8	121	20.4	140	24.2	150	26.1	160	28.1	179	31.9	182	31.6
	18	101	17.1	121	20.8	140	24.7	150	26.7	160	28.7	176	33.0	180	33.2
	20	101	17.4	121	21.2	140	25.4	150	28.0	160	30.7	174	34.6	177	34.8
	21	101	17.6	121	21.4	140	26.3	150	29.0	160	31.8	173	35.4	176	35.6
	23	101	18.0	121	22.8	140	28.2	150	31.1	160	34.1	170	37.0	174	37.3
	25	101	19.3	121	24.4	140	30.2	150	33.3	160	36.5	168	38.6	171	38.9
	27	101	20.5	121	26.0	140	32.2	150	35.6	160	39.1	165	40.2	169	40.6
	29	101	21.9	121	27.8	140	34.4	150	38.0	159	41.5	163	41.9	166	42.2
	31	101	23.3	121	29.6	140	36.7	150	40.6	157	43.1	160	43.5	164	43.9
	33	101	24.7	121	31.5	140	39.2	150	43.3	154	44.8	158	45.1	162	45.5
	35	101	26.3	121	33.5	140	41.7	150	46.2	152	46.4	155	46.8	159	47.2
	37	101	27.9	121	35.7	140	44.5	148	47.8	149	48.0	153	48.5	157	48.9
	39	101	29.7	121	38.0	140	47.4	145	49.4	147	49.7	151	50.1	154	50.6
90% (1215)	10	91.1	14.2	109	17.2	126	20.3	135	21.9	144	23.5	161	26.9	179	30.3
	12	91.1	14.5	109	17.5	126	20.7	135	22.3	144	24.0	161	27.4	179	30.9
	14	91.1	14.7	109	17.8	126	21.0	135	22.7	144	24.4	161	27.9	179	31.4
	16	91.1	15.0	109	18.1	126	21.4	135	23.2	144	24.9	161	28.5	179	32.0
	18	91.1	15.3	109	18.5	126	21.9	135	23.6	144	25.4	161	29.0	176	33.0
	20	91.1	15.5	109	18.8	126	22.3	135	24.1	144	26.3	161	31.2	174	34.6
	21	91.1	15.7	109	19.0	126	22.7	135	24.9	144	27.3	161	32.3	172	35.4
	23	91.1	16.0	109	19.8	126	24.3	135	26.7	144	29.2	161	34.6	170	37.0
	25	91.1	16.8	109	21.1	126	25.9	135	28.5	144	31.3	161	37.1	168	38.6
	27	91.1	17.9	109	22.5	126	27.7	135	30.5	144	33.4	161	39.7	165	40.2
	29	91.1	19.1	109	24.0	126	29.6	135	32.6	144	35.7	159	41.5	163	41.9
	31	91.1	20.3	109	25.6	126	31.5	135	34.7	144	38.1	157	43.2	160	43.5
	33	91.1	21.5	109	27.2	126	33.6	135	37.0	144	40.6	155	44.8	158	45.1
	35	91.1	22.9	109	28.9	126	35.8	135	39.4	144	43.3	152	46.4	155	46.8
	37	91.1	24.3	109	30.8	126	38.1	135	42.0	144	46.2	150	48.1	153	48.4
	39	91.1	25.7	109	32.7	126	40.5	135	44.7	144	49.2	147	49.7	151	50.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1080)	10	81.0	12.6	96.6	15.1	112	17.8	120	19.2	128	20.6	143	23.5	159	26.4
	12	81.0	12.8	96.6	15.4	112	18.1	120	19.5	128	20.9	143	23.9	159	26.9
	14	81.0	13.1	96.6	15.7	112	18.4	120	19.9	128	21.3	143	24.4	159	27.4
	16	81.0	13.3	96.6	15.9	112	18.8	120	20.2	128	21.7	143	24.8	159	28.0
	18	81.0	13.5	96.6	16.2	112	19.1	120	20.6	128	22.2	143	25.3	159	28.5
	20	81.0	13.7	96.6	16.5	112	19.5	120	21.0	128	22.6	143	26.2	159	30.5
	21	81.0	13.9	96.6	16.7	112	19.7	120	21.3	128	23.1	143	27.2	159	31.6
	23	81.0	14.1	96.6	17.0	112	20.7	120	22.6	128	24.7	143	29.1	159	33.9
	25	81.0	14.6	96.6	18.1	112	22.1	120	24.2	128	26.4	143	31.2	159	36.3
	27	81.0	15.5	96.6	19.3	112	23.5	120	25.8	128	28.2	143	33.3	159	38.8
	29	81.0	16.5	96.6	20.6	112	25.1	120	27.5	128	30.1	143	35.6	159	41.5
	31	81.0	17.5	96.6	21.9	112	26.7	120	29.3	128	32.1	143	38.0	157	43.1
	33	81.0	18.6	96.6	23.2	112	28.4	120	31.2	128	34.2	143	40.5	154	44.7
	35	81.0	19.7	96.6	24.7	112	30.3	120	33.3	128	36.4	143	43.2	152	46.4
	37	81.0	20.9	96.6	26.2	112	32.2	120	35.4	128	38.8	143	46.0	149	48.0
	39	81.0	22.1	96.6	27.8	112	34.2	120	37.6	128	41.3	143	49.0	147	49.6
70% (945)	10	70.9	11.1	84.5	13.2	98.2	15.4	105	16.5	112	17.7	126	20.2	139	22.7
	12	70.9	11.3	84.5	13.4	98.2	15.7	105	16.8	112	18.0	126	20.5	139	23.1
	14	70.9	11.5	84.5	13.6	98.2	15.9	105	17.1	112	18.4	126	20.9	139	23.5
	16	70.9	11.6	84.5	13.9	98.2	16.2	105	17.5	112	18.7	126	21.3	139	24.0
	18	70.9	11.8	84.5	14.1	98.2	16.5	105	17.8	112	19.1	126	21.7	139	24.4
	20	70.9	12.0	84.5	14.4	98.2	16.8	105	18.1	112	19.4	126	22.1	139	25.1
	21	70.9	12.1	84.5	14.5	98.2	17.0	105	18.3	112	19.6	126	22.5	139	26.0
	23	70.9	12.4	84.5	14.8	98.2	17.3	105	18.9	112	20.6	126	24.1	139	27.9
	25	70.9	12.6	84.5	15.4	98.2	18.5	105	20.2	112	22.0	126	25.7	139	29.8
	27	70.9	13.3	84.5	16.3	98.2	19.7	105	21.5	112	23.4	126	27.5	139	31.9
	29	70.9	14.1	84.5	17.4	98.2	21.0	105	22.9	112	25.0	126	29.3	139	34.0
	31	70.9	15.0	84.5	18.4	98.2	22.3	105	24.4	112	26.6	126	31.3	139	36.3
	33	70.9	15.8	84.5	19.6	98.2	23.7	105	26.0	112	28.3	126	33.3	139	38.7
	35	70.9	16.8	84.5	20.8	98.2	25.2	105	27.6	112	30.1	126	35.5	139	41.3
	37	70.9	17.8	84.5	22.0	98.2	26.8	105	29.3	112	32.0	126	37.8	139	44.0
	39	70.9	18.8	84.5	23.4	98.2	28.4	105	31.2	112	34.0	126	40.2	139	46.8
60% (810)	10	60.7	9.67	72.4	11.3	84.1	13.1	90.0	14.1	95.9	15.0	108	17.0	119	19.0
	12	60.7	9.81	72.4	11.5	84.1	13.3	90.0	14.3	95.9	15.3	108	17.3	119	19.4
	14	60.7	9.95	72.4	11.7	84.1	13.6	90.0	14.5	95.9	15.5	108	17.6	119	19.7
	16	60.7	10.1	72.4	11.9	84.1	13.8	90.0	14.8	95.9	15.8	108	17.9	119	20.1
	18	60.7	10.3	72.4	12.1	84.1	14.0	90.0	15.1	95.9	16.1	108	18.3	119	20.5
	20	60.7	10.4	72.4	12.3	84.1	14.3	90.0	15.3	95.9	16.4	108	18.6	119	20.9
	21	60.7	10.5	72.4	12.4	84.1	14.4	90.0	15.5	95.9	16.6	108	18.8	119	21.1
	23	60.7	10.7	72.4	12.6	84.1	14.7	90.0	15.8	95.9	16.9	108	19.5	119	22.4
	25	60.7	10.8	72.4	12.8	84.1	15.3	90.0	16.6	95.9	18.0	108	20.9	119	24.0
	27	60.7	11.2	72.4	13.6	84.1	16.2	90.0	17.7	95.9	19.1	108	22.2	119	25.6
	29	60.7	11.9	72.4	14.5	84.1	17.3	90.0	18.8	95.9	20.4	108	23.7	119	27.3
	31	60.7	12.6	72.4	15.3	84.1	18.3	90.0	20.0	95.9	21.6	108	25.2	119	29.1
	33	60.7	13.3	72.4	16.3	84.1	19.5	90.0	21.2	95.9	23.0	108	26.8	119	31.0
	35	60.7	14.1	72.4	17.2	84.1	20.7	90.0	22.5	95.9	24.4	108	28.5	119	33.0
	37	60.7	14.9	72.4	18.2	84.1	21.9	90.0	23.9	95.9	26.0	108	30.3	119	35.1
	39	60.7	15.7	72.4	19.3	84.1	23.2	90.0	25.3	95.9	27.5	108	32.2	119	37.3
50% (675)	10	50.6	8.31	60.4	9.62	70.1	11.0	75.0	11.7	79.9	12.5	89.6	14.0	99.4	15.6
	12	50.6	8.42	60.4	9.76	70.1	11.2	75.0	11.9	79.9	12.7	89.6	14.2	99.4	15.9
	14	50.6	8.53	60.4	9.90	70.1	11.3	75.0	12.1	79.9	12.9	89.6	14.5	99.4	16.2
	16	50.6	8.65	60.4	10.0	70.1	11.5	75.0	12.3	79.9	13.1	89.6	14.7	99.4	16.4
	18	50.6	8.77	60.4	10.2	70.1	11.7	75.0	12.5	79.9	13.3	89.6	15.0	99.4	16.8
	20	50.6	8.89	60.4	10.4	70.1	11.9	75.0	12.7	79.9	13.6	89.6	15.3	99.4	17.1
	21	50.6	8.96	60.4	10.4	70.1	12.0	75.0	12.8	79.9	13.7	89.6	15.4	99.4	17.2
	23	50.6	9.09	60.4	10.6	70.1	12.2	75.0	13.1	79.9	13.9	89.6	15.7	99.4	17.6
	25	50.6	9.23	60.4	10.8	70.1	12.4	75.0	13.3	79.9	14.4	89.6	16.5	99.4	18.8
	27	50.6	9.38	60.4	11.2	70.1	13.1	75.0	14.2	79.9	15.3	89.6	17.6	99.4	20.0
	29	50.6	9.92	60.4	11.8	70.1	13.9	75.0	15.1	79.9	16.2	89.6	18.7	99.4	21.3
	31	50.6	10.5	60.4	12.5	70.1	14.8	75.0	16.0	79.9	17.2	89.6	19.9	99.4	22.7
	33	50.6	11.1	60.4	13.3	70.1	15.7	75.0	16.9	79.9	18.3	89.6	21.1	99.4	24.1
	35	50.6	11.7	60.4	14.0	70.1	16.6	75.0	17.9	79.9	19.4	89.6	22.4	99.4	25.6
	37	50.6	12.3	60.4	14.8	70.1	17.5	75.0	19.0	79.9	20.5	89.6	23.8	99.4	27.2
	39	50.6	13.0	60.4	15.6	70.1	18.6	75.0	20.1	79.9	21.8	89.6	25.2	99.4	28.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ56TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1820)	10	137	22.5	163	27.5	190	32.7	196	33.4	199	32.7	204	31.3	209	29.9
	12	137	22.9	163	28.0	190	33.3	194	33.2	196	32.5	201	31.1	206	30.6
	14	137	23.3	163	28.5	189	33.7	191	33.0	194	32.3	199	32.1	204	32.4
	16	137	23.7	163	29.1	186	33.6	189	33.3	191	33.5	196	33.8	201	34.1
	18	137	24.2	163	29.7	184	34.9	186	35.0	189	35.2	194	35.5	199	35.9
	20	137	24.7	163	31.6	181	36.6	184	36.7	186	36.9	191	37.3	196	37.7
	21	137	25.4	163	32.7	180	37.4	183	37.6	185	37.8	190	38.2	195	38.5
	23	137	27.2	163	35.1	178	39.1	180	39.3	182	39.5	187	39.9	192	40.3
	25	137	29.1	163	37.6	175	40.8	177	41.0	180	41.3	185	41.7	190	42.1
	27	137	31.1	163	40.2	172	42.5	175	42.8	177	43.0	182	43.4	187	43.9
	29	137	33.1	163	43.0	170	44.3	172	44.5	175	44.7	180	45.2	185	45.7
	31	137	35.3	162	45.5	167	46.0	170	46.3	172	46.5	177	47.0	182	47.5
	33	137	37.7	160	47.2	165	47.7	167	48.0	170	48.3	175	48.8	180	49.3
	35	137	40.1	157	48.9	162	49.5	165	49.8	167	50.1	172	50.6	177	51.2
	37	137	42.7	155	50.7	160	51.2	162	51.5	165	51.8	170	52.4	175	53.0
	39	137	45.5	152	52.4	157	53.0	160	53.3	162	53.6	167	54.3	172	54.9
120% (1680)	10	126	20.5	151	25.1	175	29.8	187	32.2	196	33.6	200	32.3	205	31.0
	12	126	20.9	151	25.5	175	30.4	187	32.8	193	33.4	198	32.1	202	30.8
	14	126	21.3	151	26.0	175	30.9	187	33.5	191	33.2	195	31.9	200	32.1
	16	126	21.7	151	26.5	175	31.6	186	33.7	188	33.3	193	33.6	197	33.9
	18	126	22.1	151	27.1	175	32.6	183	34.8	186	35.0	190	35.3	195	35.6
	20	126	22.5	151	28.1	175	35.1	181	36.5	183	36.7	188	37.0	192	37.4
	21	126	22.8	151	29.1	175	36.3	180	37.4	182	37.5	186	37.9	191	38.2
	23	126	24.3	151	31.2	175	38.9	177	39.1	179	39.3	184	39.6	188	40.0
	25	126	26.0	151	33.4	172	40.6	175	40.8	177	41.0	181	41.4	186	41.8
	27	126	27.7	151	35.7	170	42.3	172	42.5	174	42.7	179	43.1	183	43.5
	29	126	29.6	151	38.1	167	44.0	169	44.2	172	44.4	176	44.9	181	45.3
	31	126	31.5	151	40.7	165	45.7	167	46.0	169	46.2	174	46.7	178	47.1
	33	126	33.6	151	43.4	162	47.4	164	47.7	167	47.9	171	48.4	176	48.9
	35	126	35.7	151	46.3	160	49.2	162	49.4	164	49.7	169	50.2	173	50.7
	37	126	38.0	151	49.3	157	50.9	159	51.2	162	51.5	166	52.0	171	52.6
	39	126	40.5	150	52.1	154	52.7	157	53.0	159	53.2	164	53.8	168	54.4
110% (1540)	10	116	18.6	138	22.7	160	26.9	172	29.1	183	31.3	197	33.3	201	32.1
	12	116	19.0	138	23.1	160	27.5	172	29.7	183	31.9	194	33.1	199	31.9
	14	116	19.3	138	23.5	160	28.0	172	30.2	183	32.5	192	32.9	196	31.9
	16	116	19.7	138	24.0	160	28.5	172	30.8	183	33.2	189	33.4	193	33.6
	18	116	20.0	138	24.5	160	29.1	172	31.7	183	34.8	187	35.1	191	35.4
	20	116	20.4	138	25.0	160	30.8	172	34.0	180	36.5	184	36.8	188	37.1
	21	116	20.6	138	25.7	160	31.9	172	35.3	179	37.3	183	37.6	187	37.9
	23	116	21.6	138	27.5	160	34.2	172	37.8	176	39.0	180	39.3	185	39.7
	25	116	23.1	138	29.4	160	36.6	172	40.5	174	40.7	178	41.1	182	41.4
	27	116	24.6	138	31.5	160	39.2	169	42.2	171	42.4	175	42.8	180	43.2
	29	116	26.2	138	33.6	160	41.9	167	43.9	169	44.1	173	44.5	177	45.0
	31	116	27.9	138	35.8	160	44.7	164	45.7	166	45.9	170	46.3	174	46.7
	33	116	29.7	138	38.2	159	47.2	161	47.4	164	47.6	168	48.1	172	48.5
	35	116	31.6	138	40.7	157	48.9	159	49.1	161	49.3	165	49.8	169	50.3
	37	116	33.6	138	43.3	154	50.6	156	50.8	158	51.1	163	51.6	167	52.1
	39	116	35.7	138	46.1	152	52.3	154	52.6	156	52.9	160	53.4	164	53.9
100% (1400)	10	105	16.8	126	20.4	146	24.1	156	26.1	166	28.1	186	32.1	197	33.2
	12	105	17.1	126	20.7	146	24.6	156	26.6	166	28.6	186	32.7	195	33.0
	14	105	17.4	126	21.1	146	25.1	156	27.1	166	29.1	186	33.3	192	32.8
	16	105	17.7	126	21.5	146	25.5	156	27.6	166	29.7	186	33.7	190	33.4
	18	105	18.0	126	22.0	146	26.1	156	28.2	166	30.3	183	34.8	187	35.1
	20	105	18.4	126	22.4	146	26.8	156	29.6	166	32.5	181	36.5	185	36.8
	21	105	18.6	126	22.6	146	27.8	156	30.6	166	33.6	179	37.4	183	37.7
	23	105	19.1	126	24.1	146	29.8	156	32.8	166	36.0	177	39.1	181	39.4
	25	105	20.3	126	25.8	146	31.8	156	35.1	166	38.6	174	40.8	178	41.1
	27	105	21.7	126	27.5	146	34.0	156	37.6	166	41.3	172	42.5	176	42.8
	29	105	23.1	126	29.3	146	36.3	156	40.1	166	43.8	169	44.2	173	44.6
	31	105	24.6	126	31.3	146	38.8	156	42.9	163	45.6	167	45.9	171	46.3
	33	105	26.1	126	33.3	146	41.4	156	45.7	160	47.3	164	47.7	168	48.1
	35	105	27.8	126	35.4	146	44.1	156	48.8	158	49.0	162	49.4	165	49.9
	37	105	29.5	126	37.7	146	47.0	153	50.5	155	50.7	159	51.2	163	51.6
	39	105	31.3	126	40.1	146	50.0	151	52.2	153	52.5	157	52.9	160	53.4
90% (1260)	10	94.7	15.0	113	18.1	131	21.4	140	23.1	150	24.8	168	28.4	186	32.0
	12	94.7	15.3	113	18.5	131	21.8	140	23.5	150	25.3	168	28.9	186	32.6
	14	94.7	15.6	113	18.8	131	22.2	140	24.0	150	25.8	168	29.5	186	33.2
	16	94.7	15.8	113	19.1	131	22.6	140	24.5	150	26.3	168	30.1	186	33.8
	18	94.7	16.1	113	19.5	131	23.1	140	24.9	150	26.8	168	30.7	183	34.8
	20	94.7	16.4	113	19.9	131	23.5	140	25.4	150	27.8	168	32.9	181	36.5
	21	94.7	16.6	113	20.1	131	24.0	140	26.3	150	28.8	168	34.1	179	37.4
	23	94.7	16.9	113	20.9	131	25.6	140	28.2	150	30.9	168	36.6	177	39.1
	25	94.7	17.8	113	22.3	131	27.4	140	30.1	150	33.0	168	39.2	174	40.8
	27	94.7	18.9	113	23.8	131	29.3	140	32.2	150	35.3	168	41.9	172	42.5
	29	94.7	20.1	113	25.4	131	31.2	140	34.4	150	37.7	166	43.9	169	44.2
	31	94.7	21.4	113	27.0	131	33.3	140	36.7	150	40.2	163	45.6	167	45.9
	33	94.7	22.7	113	28.7	131	35.5	140	39.1	150	42.9	161	47.3	164	47.7
	35	94.7	24.2	113	30.6	131	37.8	140	41.7	150	45.8	158	49.0	162	49.4
	37	94.7	25.6	113	32.5	131	40.2	140	44.4	150	48.8	156	50.8	159	51.2
	39	94.7	27.2	113	34.5	131	42.8	140	47.3	150	52.0	153	52.5	157	52.9

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1120)	10	84.2	13.4	100	16.0	117	18.8	125	20.2	133	21.7	149	24.8	165	27.9
	12	84.2	13.6	100	16.3	117	19.1	125	20.6	133	22.1	149	25.2	165	28.4
	14	84.2	13.8	100	16.5	117	19.5	125	21.0	133	22.5	149	25.7	165	29.0
	16	84.2	14.0	100	16.8	117	19.8	125	21.4	133	23.0	149	26.2	165	29.5
	18	84.2	14.3	100	17.2	117	20.2	125	21.8	133	23.4	149	26.7	165	30.1
	20	84.2	14.5	100	17.5	117	20.6	125	22.2	133	23.9	149	27.7	165	32.2
	21	84.2	14.7	100	17.6	117	20.8	125	22.5	133	24.4	149	28.7	165	33.4
	23	84.2	14.9	100	18.0	117	21.8	125	23.9	133	26.1	149	30.8	165	35.8
	25	84.2	15.4	100	19.1	117	23.3	125	25.5	133	27.9	149	32.9	165	38.3
	27	84.2	16.4	100	20.4	117	24.9	125	27.3	133	29.8	149	35.2	165	41.0
	29	84.2	17.4	100	21.7	117	26.5	125	29.1	133	31.8	149	37.6	165	43.8
	31	84.2	18.5	100	23.1	117	28.2	125	31.0	133	33.9	149	40.1	163	45.5
	33	84.2	19.6	100	24.5	117	30.0	125	33.0	133	36.1	149	42.8	160	47.3
	35	84.2	20.8	100	26.1	117	32.0	125	35.1	133	38.5	149	45.6	158	49.0
	37	84.2	22.1	100	27.7	117	34.0	125	37.4	133	40.9	149	48.6	155	50.7
	39	84.2	23.4	100	29.4	117	36.1	125	39.8	133	43.6	149	51.8	153	52.4
70% (980)	10	73.7	11.7	87.9	13.9	102	16.3	109	17.5	116	18.7	131	21.3	145	23.9
	12	73.7	11.9	87.9	14.2	102	16.5	109	17.8	116	19.1	131	21.7	145	24.4
	14	73.7	12.1	87.9	14.4	102	16.8	109	18.1	116	19.4	131	22.1	145	24.8
	16	73.7	12.3	87.9	14.6	102	17.1	109	18.4	116	19.8	131	22.5	145	25.3
	18	73.7	12.5	87.9	14.9	102	17.5	109	18.8	116	20.1	131	22.9	145	25.8
	20	73.7	12.7	87.9	15.2	102	17.8	109	19.1	116	20.5	131	23.4	145	26.5
	21	73.7	12.8	87.9	15.3	102	18.0	109	19.3	116	20.7	131	23.8	145	27.5
	23	73.7	13.0	87.9	15.6	102	18.3	109	20.0	116	21.7	131	25.4	145	29.4
	25	73.7	13.3	87.9	16.2	102	19.5	109	21.3	116	23.2	131	27.2	145	31.5
	27	73.7	14.0	87.9	17.3	102	20.8	109	22.7	116	24.8	131	29.0	145	33.7
	29	73.7	14.9	87.9	18.3	102	22.2	109	24.2	116	26.4	131	31.0	145	35.9
	31	73.7	15.8	87.9	19.5	102	23.6	109	25.8	116	28.1	131	33.0	145	38.3
	33	73.7	16.7	87.9	20.7	102	25.1	109	27.4	116	29.9	131	35.2	145	40.9
	35	73.7	17.7	87.9	21.9	102	26.6	109	29.2	116	31.8	131	37.5	145	43.6
	37	73.7	18.8	87.9	23.3	102	28.3	109	31.0	116	33.8	131	39.9	145	46.4
	39	73.7	19.9	87.9	24.7	102	30.0	109	32.9	116	36.0	131	42.4	145	49.4
60% (840)	10	63.2	10.2	75.3	12.0	87.5	13.9	93.6	14.9	99.7	15.9	112	17.9	124	20.1
	12	63.2	10.4	75.3	12.2	87.5	14.1	93.6	15.1	99.7	16.1	112	18.3	124	20.5
	14	63.2	10.5	75.3	12.4	87.5	14.3	93.6	15.4	99.7	16.4	112	18.6	124	20.8
	16	63.2	10.7	75.3	12.6	87.5	14.6	93.6	15.6	99.7	16.7	112	18.9	124	21.2
	18	63.2	10.8	75.3	12.8	87.5	14.8	93.6	15.9	99.7	17.0	112	19.3	124	21.7
	20	63.2	11.0	75.3	13.0	87.5	15.1	93.6	16.2	99.7	17.3	112	19.7	124	22.1
	21	63.2	11.1	75.3	13.1	87.5	15.2	93.6	16.4	99.7	17.5	112	19.9	124	22.3
	23	63.2	11.3	75.3	13.3	87.5	15.5	93.6	16.7	99.7	17.8	112	20.6	124	23.7
	25	63.2	11.5	75.3	13.6	87.5	16.1	93.6	17.5	99.7	19.0	112	22.0	124	25.3
	27	63.2	11.9	75.3	14.4	87.5	17.2	93.6	18.6	99.7	20.2	112	23.5	124	27.0
	29	63.2	12.6	75.3	15.3	87.5	18.2	93.6	19.8	99.7	21.5	112	25.0	124	28.8
	31	63.2	13.3	75.3	16.2	87.5	19.4	93.6	21.1	99.7	22.9	112	26.7	124	30.7
	33	63.2	14.1	75.3	17.2	87.5	20.6	93.6	22.4	99.7	24.3	112	28.4	124	32.7
	35	63.2	14.9	75.3	18.2	87.5	21.8	93.6	23.8	99.7	25.8	112	30.2	124	34.8
	37	63.2	15.7	75.3	19.3	87.5	23.1	93.6	25.2	99.7	27.4	112	32.1	124	37.1
	39	63.2	16.6	75.3	20.4	87.5	24.5	93.6	26.8	99.7	29.1	112	34.1	124	39.4
50% (700)	10	52.6	8.78	62.8	10.2	72.9	11.6	78.0	12.4	83.1	13.2	93.2	14.8	103	16.5
	12	52.6	8.89	62.8	10.3	72.9	11.8	78.0	12.6	83.1	13.4	93.2	15.0	103	16.8
	14	52.6	9.01	62.8	10.5	72.9	12.0	78.0	12.8	83.1	13.6	93.2	15.3	103	17.1
	16	52.6	9.13	62.8	10.6	72.9	12.2	78.0	13.0	83.1	13.8	93.2	15.6	103	17.4
	18	52.6	9.26	62.8	10.8	72.9	12.4	78.0	13.2	83.1	14.1	93.2	15.8	103	17.7
	20	52.6	9.39	62.8	10.9	72.9	12.6	78.0	13.4	83.1	14.3	93.2	16.1	103	18.0
	21	52.6	9.46	62.8	11.0	72.9	12.7	78.0	13.6	83.1	14.4	93.2	16.3	103	18.2
	23	52.6	9.60	62.8	11.2	72.9	12.9	78.0	13.8	83.1	14.7	93.2	16.6	103	18.6
	25	52.6	9.75	62.8	11.4	72.9	13.1	78.0	14.1	83.1	15.2	93.2	17.4	103	19.9
	27	52.6	9.90	62.8	11.8	72.9	13.9	78.0	15.0	83.1	16.1	93.2	18.6	103	21.2
	29	52.6	10.5	62.8	12.5	72.9	14.7	78.0	15.9	83.1	17.1	93.2	19.7	103	22.5
	31	52.6	11.1	62.8	13.2	72.9	15.6	78.0	16.9	83.1	18.2	93.2	21.0	103	24.0
	33	52.6	11.7	62.8	14.0	72.9	16.5	78.0	17.9	83.1	19.3	93.2	22.3	103	25.5
	35	52.6	12.3	62.8	14.8	72.9	17.5	78.0	19.0	83.1	20.5	93.2	23.7	103	27.1
	37	52.6	13.0	62.8	15.6	72.9	18.5	78.0	20.1	83.1	21.7	93.2	25.1	103	28.8
	39	52.6	13.7	62.8	16.5	72.9	19.6	78.0	21.3	83.1	23.0	93.2	26.6	103	30.6

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ58TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1885)	10	142	23.7	169	29.0	197	34.4	204	35.2	207	34.5	212	33.0	217	31.5
	12	142	24.1	169	29.5	197	35.1	201	35.0	204	34.3	209	32.8	214	32.3
	14	142	24.5	169	30.1	196	35.5	199	34.8	201	34.1	206	33.8	212	34.1
	16	142	25.0	169	30.7	194	35.4	196	35.1	199	35.3	204	35.6	209	35.9
	18	142	25.5	169	31.3	191	36.7	193	36.9	196	37.1	201	37.4	206	37.8
	20	142	26.0	169	33.3	188	38.5	191	38.7	193	38.9	199	39.3	204	39.7
	21	142	26.7	169	34.5	187	39.4	190	39.6	192	39.8	197	40.2	202	40.6
	23	142	28.6	169	37.0	184	41.2	187	41.4	189	41.6	195	42.0	200	42.5
	25	142	30.6	169	39.6	182	43.0	184	43.2	187	43.4	192	43.9	197	44.3
	27	142	32.7	169	42.4	179	44.8	182	45.0	184	45.3	189	45.8	194	46.2
	29	142	34.9	169	45.3	176	46.6	179	46.9	182	47.1	187	47.6	192	48.1
	31	142	37.2	169	47.9	174	48.5	176	48.7	179	49.0	184	49.5	189	50.0
	33	142	39.7	166	49.7	171	50.3	174	50.6	176	50.8	181	51.4	187	52.0
	35	142	42.3	163	51.5	169	52.1	171	52.4	174	52.7	179	53.3	184	53.9
	37	142	45.0	161	53.4	166	54.0	168	54.3	171	54.6	176	55.2	181	55.8
	39	142	47.9	158	55.2	163	55.8	166	56.2	168	56.5	174	57.2	179	57.8
120% (1740)	10	131	21.6	156	26.4	182	31.4	194	33.9	203	35.3	208	34.0	213	32.7
	12	131	22.0	156	26.9	182	32.0	194	34.6	201	35.2	205	33.8	210	32.5
	14	131	22.4	156	27.4	182	32.6	194	35.2	198	35.0	203	33.6	208	33.9
	16	131	22.8	156	27.9	182	33.2	193	35.5	195	35.1	200	35.4	205	35.7
	18	131	23.3	156	28.5	182	34.4	190	36.7	193	36.9	198	37.2	202	37.5
	20	131	23.7	156	29.6	182	36.9	188	38.5	190	38.6	195	39.0	200	39.4
	21	131	24.0	156	30.7	182	38.3	187	39.4	189	39.5	194	39.9	198	40.3
	23	131	25.6	156	32.9	182	41.0	184	41.2	186	41.4	191	41.7	196	42.1
	25	131	27.4	156	35.2	179	42.8	181	43.0	184	43.2	188	43.6	193	44.0
	27	131	29.2	156	37.6	176	44.6	179	44.8	181	45.0	186	45.4	190	45.9
	29	131	31.2	156	40.2	174	46.4	176	46.6	178	46.8	183	47.3	188	47.7
	31	131	33.2	156	42.9	171	48.2	173	48.4	176	48.6	180	49.1	185	49.6
	33	131	35.4	156	45.7	168	50.0	171	50.2	173	50.5	178	51.0	183	51.5
	35	131	37.7	156	48.7	166	51.8	168	52.1	170	52.3	175	52.9	180	53.4
	37	131	40.1	156	52.0	163	53.6	165	53.9	168	54.2	173	54.8	177	55.4
	39	131	42.6	156	54.9	160	55.5	163	55.8	165	56.1	170	56.7	175	57.3
110% (1595)	10	120	19.6	143	23.9	167	28.4	178	30.7	190	33.0	204	35.0	209	33.8
	12	120	20.0	143	24.3	167	28.9	178	31.3	190	33.6	202	34.9	206	33.6
	14	120	20.3	143	24.8	167	29.5	178	31.9	190	34.3	199	34.7	204	33.6
	16	120	20.7	143	25.3	167	30.0	178	32.5	190	34.9	197	35.1	201	35.4
	18	120	21.1	143	25.8	167	30.6	178	33.4	190	36.6	194	36.9	198	37.2
	20	120	21.5	143	26.3	167	32.5	178	35.9	187	38.4	191	38.7	196	39.1
	21	120	21.7	143	27.1	167	33.6	178	37.2	186	39.3	190	39.6	194	40.0
	23	120	22.8	143	29.0	167	36.0	178	39.8	183	41.1	187	41.4	192	41.8
	25	120	24.3	143	31.0	167	38.6	178	42.7	180	42.9	185	43.3	189	43.6
	27	120	25.9	143	33.1	167	41.3	176	44.5	178	44.7	182	45.1	186	45.5
	29	120	27.6	143	35.4	167	44.1	173	46.3	175	46.5	179	46.9	184	47.3
	31	120	29.4	143	37.7	167	47.1	170	48.1	172	48.3	177	48.8	181	49.2
	33	120	31.3	143	40.2	165	49.7	168	49.9	170	50.1	174	50.6	179	51.1
	35	120	33.3	143	42.8	163	51.5	165	51.7	167	52.0	172	52.5	176	53.0
	37	120	35.4	143	45.6	160	53.3	162	53.6	165	53.8	169	54.3	173	54.9
	39	120	37.6	143	48.6	158	55.1	160	55.4	162	55.7	166	56.2	171	56.8
100% (1450)	10	109	17.7	130	21.5	151	25.4	162	27.5	173	29.6	194	33.8	205	35.0
	12	109	18.0	130	21.9	151	25.9	162	28.0	173	30.1	194	34.4	202	34.8
	14	109	18.3	130	22.3	151	26.4	162	28.5	173	30.7	194	35.1	200	34.6
	16	109	18.7	130	22.7	151	26.9	162	29.1	173	31.3	193	35.5	197	35.2
	18	109	19.0	130	23.1	151	27.4	162	29.7	173	31.9	190	36.7	194	37.0
	20	109	19.4	130	23.6	151	28.3	162	31.1	173	34.2	188	38.5	192	38.8
	21	109	19.6	130	23.8	151	29.3	162	32.3	173	35.4	186	39.4	190	39.7
	23	109	20.1	130	25.4	151	31.4	162	34.6	173	38.0	184	41.1	188	41.5
	25	109	21.4	130	27.1	151	33.5	162	37.0	173	40.7	181	42.9	185	43.3
	27	109	22.8	130	29.0	151	35.9	162	39.6	173	43.5	178	44.8	182	45.1
	29	109	24.3	130	30.9	151	38.3	162	42.3	172	46.2	176	46.6	180	47.0
	31	109	25.9	130	32.9	151	40.9	162	45.1	169	48.0	173	48.4	177	48.8
	33	109	27.5	130	35.1	151	43.6	162	48.2	167	49.8	171	50.2	174	50.6
	35	109	29.2	130	37.3	151	46.4	162	51.4	164	51.6	168	52.1	172	52.5
	37	109	31.1	130	39.7	151	49.5	159	53.2	161	53.4	165	53.9	169	54.4
	39	109	33.0	130	42.3	151	52.7	157	55.0	159	55.3	163	55.8	167	56.3
90% (1305)	10	98.4	15.8	117	19.1	136	22.6	146	24.3	155	26.2	174	29.9	193	33.7
	12	98.4	16.1	117	19.4	136	23.0	146	24.8	155	26.7	174	30.5	193	34.3
	14	98.4	16.4	117	19.8	136	23.4	146	25.3	155	27.2	174	31.0	193	35.0
	16	98.4	16.7	117	20.2	136	23.9	146	25.8	155	27.7	174	31.7	193	35.6
	18	98.4	17.0	117	20.5	136	24.3	146	26.3	155	28.2	174	32.3	190	36.7
	20	98.4	17.3	117	20.9	136	24.8	146	26.8	155	29.3	174	34.7	188	38.5
	21	98.4	17.5	117	21.2	136	25.2	146	27.7	155	30.3	174	35.9	186	39.3
	23	98.4	17.8	117	22.0	136	27.0	146	29.7	155	32.5	174	38.5	184	41.1
	25	98.4	18.7	117	23.5	136	28.9	146	31.8	155	34.8	174	41.3	181	42.9
	27	98.4	19.9	117	25.1	136	30.8	146	33.9	155	37.2	174	44.2	178	44.7
	29	98.4	21.2	117	26.7	136	32.9	146	36.2	155	39.7	172	46.2	176	46.6
	31	98.4	22.6	117	28.5	136	35.1	146	38.6	155	42.4	170	48.0	173	48.4
	33	98.4	24.0	117	30.3	136	37.4	146	41.2	155	45.2	167	49.8	170	50.2
	35	98.4	25.4	117	32.2	136	39.8	146	43.9	155	48.2	164	51.6	168	52.0
	37	98.4	27.0	117	34.2	136	42.3	146	46.7	155	51.4	162	53.5	165	53.9
	39	98.4	28.6	117	36.4	136	45.1	146	49.8	155	54.7	159	55.3	163	55.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1160)	10	87.5	14.1	104	16.8	121	19.8	130	21.3	138	22.9	155	26.1	172	29.4
	12	87.5	14.3	104	17.1	121	20.1	130	21.7	138	23.3	155	26.6	172	30.0
	14	87.5	14.5	104	17.4	121	20.5	130	22.1	138	23.7	155	27.1	172	30.5
	16	87.5	14.8	104	17.7	121	20.9	130	22.5	138	24.2	155	27.6	172	31.1
	18	87.5	15.0	104	18.1	121	21.3	130	23.0	138	24.7	155	28.2	172	31.7
	20	87.5	15.3	104	18.4	121	21.7	130	23.4	138	25.2	155	29.2	172	34.0
	21	87.5	15.4	104	18.6	121	21.9	130	23.6	138	25.7	155	30.2	172	35.2
	23	87.5	15.7	104	18.9	121	23.0	130	25.2	138	27.5	155	32.4	172	37.7
	25	87.5	16.2	104	20.2	121	24.5	130	26.9	138	29.4	155	34.7	172	40.4
	27	87.5	17.3	104	21.5	121	26.2	130	28.7	138	31.4	155	37.1	172	43.2
	29	87.5	18.3	104	22.9	121	27.9	130	30.6	138	33.5	155	39.6	172	46.2
	31	87.5	19.5	104	24.3	121	29.7	130	32.6	138	35.7	155	42.2	169	48.0
	33	87.5	20.7	104	25.9	121	31.6	130	34.8	138	38.0	155	45.0	166	49.8
	35	87.5	21.9	104	27.5	121	33.7	130	37.0	138	40.5	155	48.0	164	51.6
	37	87.5	23.2	104	29.2	121	35.8	130	39.4	138	43.1	155	51.2	161	53.4
	39	87.5	24.6	104	31.0	121	38.1	130	41.9	138	45.9	155	54.5	159	55.2
70% (1015)	10	76.5	12.4	91.3	14.7	106	17.1	113	18.4	121	19.7	136	22.4	150	25.2
	12	76.5	12.6	91.3	14.9	106	17.4	113	18.7	121	20.1	136	22.8	150	25.7
	14	76.5	12.8	91.3	15.2	106	17.7	113	19.1	121	20.4	136	23.3	150	26.2
	16	76.5	13.0	91.3	15.4	106	18.1	113	19.4	121	20.8	136	23.7	150	26.7
	18	76.5	13.2	91.3	15.7	106	18.4	113	19.8	121	21.2	136	24.2	150	27.2
	20	76.5	13.4	91.3	16.0	106	18.7	113	20.2	121	21.6	136	24.6	150	28.0
	21	76.5	13.5	91.3	16.1	106	18.9	113	20.4	121	21.8	136	25.0	150	28.9
	23	76.5	13.7	91.3	16.4	106	19.3	113	21.1	121	22.9	136	26.8	150	31.0
	25	76.5	14.0	91.3	17.1	106	20.6	113	22.5	121	24.4	136	28.6	150	33.2
	27	76.5	14.8	91.3	18.2	106	21.9	113	24.0	121	26.1	136	30.6	150	35.4
	29	76.5	15.7	91.3	19.3	106	23.4	113	25.5	121	27.8	136	32.6	150	37.9
	31	76.5	16.6	91.3	20.5	106	24.8	113	27.2	121	29.6	136	34.8	150	40.4
	33	76.5	17.6	91.3	21.8	106	26.4	113	28.9	121	31.5	136	37.1	150	43.1
	35	76.5	18.7	91.3	23.1	106	28.1	113	30.7	121	33.5	136	39.5	150	45.9
	37	76.5	19.8	91.3	24.5	106	29.8	113	32.6	121	35.6	136	42.0	150	48.9
	39	76.5	20.9	91.3	26.0	106	31.6	113	34.7	121	37.9	136	44.7	150	52.1
60% (870)	10	65.6	10.8	78.2	12.6	90.9	14.6	97.2	15.6	104	16.7	116	18.9	129	21.2
	12	65.6	10.9	78.2	12.8	90.9	14.9	97.2	15.9	104	17.0	116	19.2	129	21.6
	14	65.6	11.1	78.2	13.0	90.9	15.1	97.2	16.2	104	17.3	116	19.6	129	22.0
	16	65.6	11.2	78.2	13.2	90.9	15.4	97.2	16.5	104	17.6	116	19.9	129	22.4
	18	65.6	11.4	78.2	13.5	90.9	15.6	97.2	16.8	104	17.9	116	20.3	129	22.8
	20	65.6	11.6	78.2	13.7	90.9	15.9	97.2	17.1	104	18.3	116	20.7	129	23.3
	21	65.6	11.7	78.2	13.8	90.9	16.1	97.2	17.2	104	18.4	116	20.9	129	23.5
	23	65.6	11.9	78.2	14.0	90.9	16.4	97.2	17.6	104	18.8	116	21.7	129	25.0
	25	65.6	12.1	78.2	14.3	90.9	17.0	97.2	18.4	104	20.0	116	23.2	129	26.7
	27	65.6	12.5	78.2	15.2	90.9	18.1	97.2	19.6	104	21.3	116	24.7	129	28.5
	29	65.6	13.3	78.2	16.1	90.9	19.2	97.2	20.9	104	22.6	116	26.4	129	30.4
	31	65.6	14.0	78.2	17.1	90.9	20.4	97.2	22.2	104	24.1	116	28.1	129	32.4
	33	65.6	14.8	78.2	18.1	90.9	21.7	97.2	23.6	104	25.6	116	29.9	129	34.5
	35	65.6	15.7	78.2	19.2	90.9	23.0	97.2	25.0	104	27.2	116	31.8	129	36.7
	37	65.6	16.6	78.2	20.3	90.9	24.4	97.2	26.6	104	28.9	116	33.8	129	39.0
	39	65.6	17.5	78.2	21.5	90.9	25.8	97.2	28.2	104	30.6	116	35.9	129	41.5
50% (725)	10	54.7	9.25	65.2	10.7	75.7	12.2	81.0	13.1	86.3	13.9	96.8	15.6	107	17.4
	12	54.7	9.37	65.2	10.9	75.7	12.4	81.0	13.3	86.3	14.1	96.8	15.8	107	17.7
	14	54.7	9.49	65.2	11.0	75.7	12.6	81.0	13.5	86.3	14.3	96.8	16.1	107	18.0
	16	54.7	9.62	65.2	11.2	75.7	12.8	81.0	13.7	86.3	14.6	96.8	16.4	107	18.3
	18	54.7	9.75	65.2	11.3	75.7	13.0	81.0	13.9	86.3	14.8	96.8	16.7	107	18.6
	20	54.7	9.89	65.2	11.5	75.7	13.3	81.0	14.2	86.3	15.1	96.8	17.0	107	19.0
	21	54.7	9.96	65.2	11.6	75.7	13.4	81.0	14.3	86.3	15.2	96.8	17.2	107	19.2
	23	54.7	10.1	65.2	11.8	75.7	13.6	81.0	14.5	86.3	15.5	96.8	17.5	107	19.6
	25	54.7	10.3	65.2	12.0	75.7	13.8	81.0	14.8	86.3	16.0	96.8	18.4	107	20.9
	27	54.7	10.4	65.2	12.4	75.7	14.6	81.0	15.8	86.3	17.0	96.8	19.5	107	22.3
	29	54.7	11.0	65.2	13.2	75.7	15.5	81.0	16.7	86.3	18.0	96.8	20.8	107	23.7
	31	54.7	11.7	65.2	13.9	75.7	16.4	81.0	17.8	86.3	19.2	96.8	22.1	107	25.3
	33	54.7	12.3	65.2	14.7	75.7	17.4	81.0	18.8	86.3	20.3	96.8	23.5	107	26.8
	35	54.7	13.0	65.2	15.6	75.7	18.4	81.0	20.0	86.3	21.6	96.8	24.9	107	28.5
	37	54.7	13.7	65.2	16.5	75.7	19.5	81.0	21.1	86.3	22.8	96.8	26.4	107	30.3
	39	54.7	14.4	65.2	17.4	75.7	20.7	81.0	22.4	86.3	24.2	96.8	28.0	107	32.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ60TNY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1950)	10	147	24.8	176	30.4	204	36.2	212	36.9	214	36.2	220	34.7	225	33.1
	12	147	25.3	176	31.0	204	36.9	209	36.8	212	36.0	217	34.4	222	33.9
	14	147	25.8	176	31.6	203	37.3	206	36.6	209	35.8	214	35.5	219	35.8
	16	147	26.3	176	32.2	201	37.1	203	36.9	206	37.1	211	37.4	217	37.8
	18	147	26.8	176	32.8	198	38.6	201	38.8	203	39.0	209	39.3	214	39.7
	20	147	27.3	176	35.0	195	40.5	198	40.7	201	40.9	206	41.3	211	41.7
	21	147	28.1	176	36.2	194	41.4	197	41.6	199	41.8	205	42.2	210	42.6
	23	147	30.1	176	38.8	191	43.3	194	43.5	196	43.7	202	44.2	207	44.6
	25	147	32.2	176	41.6	188	45.2	191	45.4	194	45.6	199	46.1	204	46.6
	27	147	34.4	176	44.5	186	47.1	188	47.3	191	47.6	196	48.1	202	48.6
	29	147	36.7	176	47.6	183	49.0	186	49.3	188	49.5	194	50.0	199	50.6
	31	147	39.1	175	50.3	180	50.9	183	51.2	186	51.5	191	52.0	196	52.6
	33	147	41.7	172	52.2	178	52.8	180	53.1	183	53.4	188	54.0	193	54.6
	35	147	44.4	169	54.1	175	54.8	177	55.1	180	55.4	185	56.0	191	56.6
	37	147	47.3	167	56.1	172	56.7	175	57.0	177	57.4	183	58.0	188	58.7
	39	147	50.3	164	58.0	169	58.7	172	59.0	175	59.4	180	60.0	185	60.7
120% (1800)	10	136	22.7	162	27.7	188	33.0	202	35.6	211	37.1	216	35.7	221	34.3
	12	136	23.1	162	28.3	188	33.6	202	36.3	208	37.0	213	35.5	218	34.1
	14	136	23.5	162	28.8	188	34.2	202	37.0	205	36.8	210	35.3	215	35.6
	16	136	24.0	162	29.4	188	34.9	200	37.3	203	36.8	208	37.2	213	37.5
	18	136	24.5	162	29.9	188	36.1	198	38.5	200	38.7	205	39.1	210	39.4
	20	136	24.9	162	31.1	188	38.8	195	40.4	197	40.6	202	41.0	207	41.3
	21	136	25.2	162	32.2	188	40.2	193	41.4	196	41.6	201	41.9	206	42.3
	23	136	26.9	162	34.5	188	43.0	191	43.2	193	43.4	198	43.9	203	44.3
	25	136	28.7	162	37.0	185	44.9	188	45.1	190	45.4	195	45.8	200	46.2
	27	136	30.7	162	39.5	183	46.8	185	47.0	188	47.3	193	47.7	197	48.2
	29	136	32.7	162	42.2	180	48.7	182	48.9	185	49.2	190	49.7	195	50.2
	31	136	34.9	162	45.0	177	50.6	180	50.9	182	51.1	187	51.6	192	52.1
	33	136	37.2	162	48.0	175	52.5	177	52.8	179	53.0	184	53.6	189	54.1
	35	136	39.6	162	51.2	172	54.4	174	54.7	177	55.0	182	55.6	187	56.1
	37	136	42.1	162	54.6	169	56.3	172	56.6	174	57.0	179	57.6	184	58.2
	39	136	44.8	161	57.6	166	58.3	169	58.6	171	58.9	176	59.6	181	60.2
110% (1650)	10	125	20.6	149	25.1	173	29.8	185	32.2	197	34.7	212	36.8	217	35.5
	12	125	21.0	149	25.6	173	30.4	185	32.8	197	35.3	209	36.6	214	35.3
	14	125	21.4	149	26.1	173	31.0	185	33.5	197	36.0	207	36.4	211	35.3
	16	125	21.8	149	26.6	173	31.6	185	34.1	197	36.7	204	36.9	208	37.2
	18	125	22.2	149	27.1	173	32.2	185	35.1	197	38.5	201	38.8	206	39.1
	20	125	22.6	149	27.6	173	34.1	185	37.7	194	40.4	198	40.7	203	41.0
	21	125	22.8	149	28.5	173	35.3	185	39.0	193	41.3	197	41.6	202	42.0
	23	125	23.9	149	30.5	173	37.9	185	41.9	190	43.2	194	43.5	199	43.9
	25	125	25.5	149	32.6	173	40.5	185	44.8	187	45.1	192	45.5	196	45.8
	27	125	27.2	149	34.8	173	43.4	182	46.7	184	46.9	189	47.4	193	47.8
	29	125	29.0	149	37.2	173	46.3	179	48.6	182	48.9	186	49.3	191	49.7
	31	125	30.9	149	39.6	173	49.5	177	50.5	179	50.8	183	51.2	188	51.7
	33	125	32.9	149	42.2	172	52.2	174	52.4	176	52.7	181	53.2	185	53.7
	35	125	35.0	149	45.0	169	54.1	171	54.3	173	54.6	178	55.1	182	55.7
	37	125	37.2	149	47.9	166	56.0	168	56.3	171	56.5	175	57.1	180	57.6
	39	125	39.6	149	51.0	163	57.9	166	58.2	168	58.5	172	59.1	177	59.7
100% (1500)	10	113	18.6	135	22.6	157	26.7	168	28.9	179	31.0	201	35.5	212	36.7
	12	113	18.9	135	23.0	157	27.2	168	29.4	179	31.6	201	36.2	210	36.5
	14	113	19.3	135	23.4	157	27.7	168	30.0	179	32.2	201	36.9	207	36.3
	16	113	19.6	135	23.8	157	28.3	168	30.6	179	32.9	200	37.3	204	36.9
	18	113	20.0	135	24.3	157	28.8	168	31.2	179	33.5	197	38.5	201	38.8
	20	113	20.4	135	24.8	157	29.7	168	32.7	179	35.9	195	40.4	199	40.7
	21	113	20.5	135	25.0	157	30.8	168	33.9	179	37.2	193	41.3	197	41.7
	23	113	21.1	135	26.7	157	32.9	168	36.3	179	39.9	191	43.2	195	43.6
	25	113	22.5	135	28.5	157	35.2	168	38.9	179	42.7	188	45.1	192	45.5
	27	113	24.0	135	30.4	157	37.7	168	41.6	179	45.7	185	47.0	189	47.4
	29	113	25.5	135	32.5	157	40.2	168	44.4	178	48.5	182	48.9	186	49.3
	31	113	27.2	135	34.6	157	42.9	168	47.4	176	50.4	180	50.8	184	51.3
	33	113	28.9	135	36.8	157	45.8	168	50.6	173	52.3	177	52.8	181	53.2
	35	113	30.7	135	39.2	157	48.8	168	54.0	170	54.2	174	54.7	178	55.2
	37	113	32.6	135	41.7	157	52.0	165	55.9	167	56.1	171	56.6	175	57.1
	39	113	34.7	135	44.4	157	55.4	163	57.8	165	58.0	169	58.6	173	59.1
90% (1350)	10	102	16.6	122	20.1	141	23.7	151	25.6	161	27.5	181	31.4	200	35.4
	12	102	16.9	122	20.4	141	24.1	151	26.1	161	28.0	181	32.0	200	36.1
	14	102	17.2	122	20.8	141	24.6	151	26.5	161	28.5	181	32.6	200	36.8
	16	102	17.5	122	21.2	141	25.1	151	27.1	161	29.1	181	33.3	200	37.4
	18	102	17.8	122	21.6	141	25.5	151	27.6	161	29.7	181	33.9	197	38.5
	20	102	18.2	122	22.0	141	26.1	151	28.1	161	30.8	181	36.4	195	40.4
	21	102	18.3	122	22.2	141	26.5	151	29.1	161	31.9	181	37.8	193	41.3
	23	102	18.7	122	23.1	141	28.4	151	31.2	161	34.2	181	40.5	190	43.2
	25	102	19.7	122	24.7	141	30.3	151	33.4	161	36.5	181	43.4	188	45.1
	27	102	21.0	122	26.3	141	32.4	151	35.6	161	39.1	181	46.4	185	47.0
	29	102	22.3	122	28.1	141	34.6	151	38.0	161	41.7	179	48.6	182	48.9
	31	102	23.7	122	29.9	141	36.8	151	40.6	161	44.5	176	50.4	180	50.8
	33	102	25.2	122	31.8	141	39.2	151	43.3	161	47.5	173	52.3	177	52.8
	35	102	26.7	122	33.8	141	41.8	151	46.1	161	50.6	170	54.3	174	54.7
	37	102	28.4	122	36.0	141	44.5	151	49.1	161	54.0	168	56.2	171	56.6
	39	102	30.1	122	38.2	141	47.3	151	52.3	161	57.5	165	58.1	169	58.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1200)	10	90.7	14.8	108	17.7	126	20.8	134	22.4	143	24.0	161	27.4	178	30.9
	12	90.7	15.0	108	18.0	126	21.2	134	22.8	143	24.5	161	27.9	178	31.5
	14	90.7	15.3	108	18.3	126	21.5	134	23.2	143	24.9	161	28.5	178	32.1
	16	90.7	15.5	108	18.6	126	22.0	134	23.7	143	25.4	161	29.0	178	32.7
	18	90.7	15.8	108	19.0	126	22.4	134	24.1	143	25.9	161	29.6	178	33.3
	20	90.7	16.1	108	19.3	126	22.8	134	24.6	143	26.4	161	30.7	178	35.7
	21	90.7	16.2	108	19.5	126	23.0	134	24.8	143	27.0	161	31.8	178	37.0
	23	90.7	16.5	108	19.9	126	24.1	134	26.5	143	28.9	161	34.0	178	39.6
	25	90.7	17.1	108	21.2	126	25.8	134	28.3	143	30.9	161	36.4	178	42.4
	27	90.7	18.1	108	22.6	126	27.5	134	30.2	143	33.0	161	38.9	178	45.4
	29	90.7	19.3	108	24.0	126	29.3	134	32.2	143	35.2	161	41.6	178	48.5
	31	90.7	20.5	108	25.6	126	31.2	134	34.3	143	37.5	161	44.4	175	50.4
	33	90.7	21.7	108	27.2	126	33.2	134	36.5	143	40.0	161	47.3	173	52.3
	35	90.7	23.0	108	28.9	126	35.4	134	38.9	143	42.6	161	50.5	170	54.2
	37	90.7	24.4	108	30.6	126	37.6	134	41.4	143	45.3	161	53.8	167	56.1
	39	90.7	25.9	108	32.5	126	40.0	134	44.0	143	48.2	161	57.3	164	58.0
70% (1050)	10	79.4	13.0	94.6	15.4	110	18.0	118	19.3	125	20.7	141	23.6	156	26.5
	12	79.4	13.2	94.6	15.7	110	18.3	118	19.7	125	21.1	141	24.0	156	27.0
	14	79.4	13.4	94.6	15.9	110	18.6	118	20.0	125	21.5	141	24.4	156	27.5
	16	79.4	13.6	94.6	16.2	110	19.0	118	20.4	125	21.9	141	24.9	156	28.0
	18	79.4	13.8	94.6	16.5	110	19.3	118	20.8	125	22.3	141	25.4	156	28.6
	20	79.4	14.1	94.6	16.8	110	19.7	118	21.2	125	22.7	141	25.9	156	29.4
	21	79.4	14.2	94.6	16.9	110	19.9	118	21.4	125	22.9	141	26.3	156	30.4
	23	79.4	14.4	94.6	17.3	110	20.3	118	22.1	125	24.0	141	28.1	156	32.6
	25	79.4	14.7	94.6	17.9	110	21.6	118	23.6	125	25.7	141	30.1	156	34.8
	27	79.4	15.5	94.6	19.1	110	23.0	118	25.2	125	27.4	141	32.1	156	37.2
	29	79.4	16.5	94.6	20.3	110	24.5	118	26.8	125	29.2	141	34.3	156	39.8
	31	79.4	17.5	94.6	21.6	110	26.1	118	28.5	125	31.1	141	36.5	156	42.4
	33	79.4	18.5	94.6	22.9	110	27.7	118	30.4	125	33.1	141	38.9	156	45.2
	35	79.4	19.6	94.6	24.3	110	29.5	118	32.3	125	35.2	141	41.5	156	48.2
	37	79.4	20.8	94.6	25.8	110	31.3	118	34.3	125	37.4	141	44.1	156	51.4
	39	79.4	22.0	94.6	27.3	110	33.2	118	36.4	125	39.8	141	47.0	156	54.7
60% (900)	10	68.0	11.3	81.1	13.3	94.2	15.4	101	16.4	107	17.6	120	19.9	134	22.2
	12	68.0	11.5	81.1	13.5	94.2	15.6	101	16.7	107	17.9	120	20.2	134	22.7
	14	68.0	11.6	81.1	13.7	94.2	15.9	101	17.0	107	18.2	120	20.6	134	23.1
	16	68.0	11.8	81.1	13.9	94.2	16.1	101	17.3	107	18.5	120	21.0	134	23.5
	18	68.0	12.0	81.1	14.1	94.2	16.4	101	17.6	107	18.8	120	21.4	134	24.0
	20	68.0	12.2	81.1	14.4	94.2	16.7	101	17.9	107	19.2	120	21.8	134	24.4
	21	68.0	12.3	81.1	14.5	94.2	16.9	101	18.1	107	19.4	120	22.0	134	24.7
	23	68.0	12.5	81.1	14.8	94.2	17.2	101	18.4	107	19.7	120	22.8	134	26.2
	25	68.0	12.7	81.1	15.0	94.2	17.8	101	19.4	107	21.0	120	24.4	134	28.0
	27	68.0	13.1	81.1	15.9	94.2	19.0	101	20.6	107	22.4	120	26.0	134	29.9
	29	68.0	13.9	81.1	16.9	94.2	20.2	101	21.9	107	23.8	120	27.7	134	31.9
	31	68.0	14.7	81.1	17.9	94.2	21.4	101	23.3	107	25.3	120	29.5	134	34.0
	33	68.0	15.6	81.1	19.0	94.2	22.8	101	24.8	107	26.9	120	31.4	134	36.2
	35	68.0	16.5	81.1	20.1	94.2	24.2	101	26.3	107	28.6	120	33.4	134	38.5
	37	68.0	17.4	81.1	21.3	94.2	25.6	101	27.9	107	30.3	120	35.5	134	41.0
	39	68.0	18.4	81.1	22.6	94.2	27.2	101	29.6	107	32.2	120	37.7	134	43.6
50% (750)	10	56.7	9.71	67.6	11.2	78.5	12.9	84.0	13.7	89.5	14.6	100	16.4	111	18.2
	12	56.7	9.84	67.6	11.4	78.5	13.1	84.0	13.9	89.5	14.8	100	16.6	111	18.6
	14	56.7	9.97	67.6	11.6	78.5	13.3	84.0	14.1	89.5	15.1	100	16.9	111	18.9
	16	56.7	10.1	67.6	11.7	78.5	13.5	84.0	14.4	89.5	15.3	100	17.2	111	19.2
	18	56.7	10.2	67.6	11.9	78.5	13.7	84.0	14.6	89.5	15.6	100	17.5	111	19.6
	20	56.7	10.4	67.6	12.1	78.5	13.9	84.0	14.9	89.5	15.8	100	17.9	111	20.0
	21	56.7	10.5	67.6	12.2	78.5	14.0	84.0	15.0	89.5	16.0	100	18.0	111	20.1
	23	56.7	10.6	67.6	12.4	78.5	14.3	84.0	15.3	89.5	16.3	100	18.4	111	20.6
	25	56.7	10.8	67.6	12.6	78.5	14.5	84.0	15.6	89.5	16.8	100	19.3	111	22.0
	27	56.7	11.0	67.6	13.1	78.5	15.3	84.0	16.6	89.5	17.8	100	20.5	111	23.4
	29	56.7	11.6	67.6	13.8	78.5	16.3	84.0	17.6	89.5	19.0	100	21.8	111	24.9
	31	56.7	12.3	67.6	14.6	78.5	17.3	84.0	18.7	89.5	20.1	100	23.2	111	26.5
	33	56.7	12.9	67.6	15.5	78.5	18.3	84.0	19.8	89.5	21.4	100	24.7	111	28.2
	35	56.7	13.7	67.6	16.4	78.5	19.4	84.0	21.0	89.5	22.6	100	26.2	111	30.0
	37	56.7	14.4	67.6	17.3	78.5	20.5	84.0	22.2	89.5	24.0	100	27.8	111	31.8
	39	56.7	15.2	67.6	18.3	78.5	21.7	84.0	23.5	89.5	25.4	100	29.5	111	33.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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9.2 Cooling Capacity for *VRV* Indoor Units Only (Te: 9ºC)

When only *VRV* indoor units are connected

RXQ6TY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (195)	10	9.29	1.02	11.6	1.29	14.7	1.68	16.2	1.89	17.7	2.09	20.1	2.38	20.7	2.28
	12	9.29	1.04	11.6	1.32	14.7	1.72	16.2	1.92	17.7	2.13	19.9	2.37	20.4	2.26
	14	9.29	1.06	11.6	1.34	14.7	1.75	16.2	1.96	17.7	2.17	19.6	2.36	20.2	2.28
	16	9.29	1.08	11.6	1.36	14.7	1.78	16.2	2.00	17.7	2.22	19.4	2.38	19.9	2.40
	18	9.29	1.10	11.6	1.39	14.7	1.82	16.2	2.04	17.7	2.28	19.1	2.50	19.6	2.52
	20	9.29	1.12	11.6	1.42	14.7	1.86	16.2	2.15	17.7	2.45	18.8	2.62	19.4	2.65
	21	9.29	1.13	11.6	1.43	14.7	1.93	16.2	2.22	17.7	2.54	18.7	2.68	19.3	2.71
	23	9.29	1.15	11.6	1.49	14.7	2.07	16.2	2.38	17.7	2.73	18.4	2.80	19.0	2.83
	25	9.29	1.20	11.6	1.59	14.7	2.21	16.2	2.55	17.6	2.89	18.2	2.93	18.7	2.96
	27	9.29	1.28	11.6	1.70	14.7	2.36	16.2	2.73	17.4	3.01	17.9	3.05	18.5	3.08
	29	9.29	1.36	11.6	1.81	14.7	2.52	16.2	2.92	17.1	3.14	17.7	3.17	18.2	3.21
	31	9.29	1.44	11.6	1.92	14.7	2.69	16.2	3.11	16.8	3.26	17.4	3.30	18.0	3.34
	33	9.29	1.53	11.6	2.05	14.7	2.87	16.2	3.32	16.6	3.38	17.1	3.42	17.7	3.46
	35	9.29	1.63	11.6	2.18	14.7	3.06	16.0	3.48	16.3	3.50	16.9	3.55	17.4	3.59
	37	9.29	1.72	11.6	2.32	14.7	3.26	15.8	3.60	16.1	3.63	16.6	3.67	17.2	3.72
	39	9.29	1.83	11.6	2.46	14.7	3.47	15.5	3.73	15.8	3.75	16.4	3.80	16.9	3.85
120% (180)	10	8.57	0.95	10.7	1.19	13.5	1.54	15.0	1.72	16.4	1.91	19.1	2.29	20.3	2.34
	12	8.57	0.96	10.7	1.21	13.5	1.57	15.0	1.75	16.4	1.94	19.1	2.33	20.1	2.33
	14	8.57	0.98	10.7	1.23	13.5	1.60	15.0	1.79	16.4	1.98	19.1	2.38	19.8	2.32
	16	8.57	0.99	10.7	1.25	13.5	1.63	15.0	1.82	16.4	2.02	19.1	2.41	19.6	2.39
	18	8.57	1.01	10.7	1.27	13.5	1.66	15.0	1.86	16.4	2.06	18.8	2.48	19.3	2.51
	20	8.57	1.03	10.7	1.30	13.5	1.69	15.0	1.91	16.4	2.18	18.5	2.60	19.0	2.63
	21	8.57	1.04	10.7	1.31	13.5	1.72	15.0	1.98	16.4	2.26	18.4	2.66	18.9	2.69
	23	8.57	1.06	10.7	1.34	13.5	1.84	15.0	2.12	16.4	2.42	18.1	2.79	18.7	2.81
	25	8.57	1.09	10.7	1.43	13.5	1.97	15.0	2.27	16.4	2.59	17.9	2.91	18.4	2.94
	27	8.57	1.16	10.7	1.53	13.5	2.11	15.0	2.43	16.4	2.77	17.6	3.03	18.1	3.06
	29	8.57	1.23	10.7	1.62	13.5	2.25	15.0	2.59	16.4	2.96	17.4	3.15	17.9	3.19
	31	8.57	1.31	10.7	1.73	13.5	2.40	15.0	2.76	16.4	3.16	17.1	3.28	17.6	3.31
	33	8.57	1.39	10.7	1.84	13.5	2.55	15.0	2.95	16.3	3.36	16.8	3.40	17.4	3.44
	35	8.57	1.47	10.7	1.95	13.5	2.72	15.0	3.14	16.1	3.48	16.6	3.52	17.1	3.56
	37	8.57	1.56	10.7	2.07	13.5	2.89	15.0	3.35	15.8	3.61	16.3	3.65	16.8	3.69
	39	8.57	1.65	10.7	2.20	13.5	3.08	15.0	3.56	15.5	3.73	16.1	3.78	16.6	3.82
110% (165)	10	7.86	0.87	9.80	1.08	12.4	1.40	13.7	1.56	15.0	1.73	17.5	2.07	20.0	2.41
	12	7.86	0.88	9.80	1.10	12.4	1.42	13.7	1.59	15.0	1.76	17.5	2.11	19.7	2.40
	14	7.86	0.90	9.80	1.12	12.4	1.45	13.7	1.62	15.0	1.79	17.5	2.15	19.5	2.39
	16	7.86	0.91	9.80	1.14	12.4	1.47	13.7	1.65	15.0	1.83	17.5	2.19	19.2	2.37
	18	7.86	0.93	9.80	1.16	12.4	1.50	13.7	1.68	15.0	1.86	17.5	2.25	19.0	2.49
	20	7.86	0.94	9.80	1.18	12.4	1.53	13.7	1.71	15.0	1.92	17.5	2.42	18.7	2.61
	21	7.86	0.95	9.80	1.19	12.4	1.55	13.7	1.75	15.0	1.99	17.5	2.50	18.6	2.67
	23	7.86	0.97	9.80	1.22	12.4	1.64	13.7	1.87	15.0	2.13	17.5	2.69	18.3	2.80
	25	7.86	0.98	9.80	1.28	12.4	1.75	13.7	2.00	15.0	2.28	17.5	2.88	18.1	2.92
	27	7.86	1.05	9.80	1.36	12.4	1.87	13.7	2.14	15.0	2.44	17.3	3.01	17.8	3.04
	29	7.86	1.11	9.80	1.45	12.4	1.99	13.7	2.28	15.0	2.60	17.1	3.13	17.5	3.16
	31	7.86	1.18	9.80	1.54	12.4	2.12	13.7	2.44	15.0	2.78	16.8	3.26	17.3	3.29
	33	7.86	1.25	9.80	1.64	12.4	2.26	13.7	2.60	15.0	2.96	16.5	3.38	17.0	3.41
	35	7.86	1.32	9.80	1.74	12.4	2.40	13.7	2.76	15.0	3.16	16.3	3.50	16.8	3.54
	37	7.86	1.40	9.80	1.85	12.4	2.55	13.7	2.94	15.0	3.36	16.0	3.62	16.5	3.66
	39	7.86	1.48	9.80	1.96	12.4	2.72	13.7	3.13	15.0	3.58	15.8	3.75	16.2	3.79
100% (150)	10	7.15	0.79	8.91	0.98	11.3	1.26	12.5	1.40	13.6	1.55	16.0	1.85	18.2	2.16
	12	7.15	0.81	8.91	1.00	11.3	1.28	12.5	1.43	13.6	1.58	16.0	1.89	18.2	2.20
	14	7.15	0.82	8.91	1.01	11.3	1.30	12.5	1.45	13.6	1.61	16.0	1.92	18.2	2.24
	16	7.15	0.83	8.91	1.03	11.3	1.33	12.5	1.48	13.6	1.64	16.0	1.96	18.2	2.29
	18	7.15	0.85	8.91	1.05	11.3	1.35	12.5	1.51	13.6	1.67	16.0	2.00	18.2	2.37
	20	7.15	0.86	8.91	1.07	11.3	1.38	12.5	1.54	13.6	1.70	16.0	2.10	18.2	2.55
	21	7.15	0.87	8.91	1.08	11.3	1.39	12.5	1.55	13.6	1.74	16.0	2.18	18.2	2.64
	23	7.15	0.88	8.91	1.10	11.3	1.44	12.5	1.64	13.6	1.86	16.0	2.33	18.0	2.78
	25	7.15	0.90	8.91	1.14	11.3	1.54	12.5	1.76	13.6	1.99	16.0	2.50	17.7	2.90
	27	7.15	0.94	8.91	1.21	11.3	1.64	12.5	1.87	13.6	2.12	16.0	2.67	17.5	3.02
	29	7.15	1.00	8.91	1.29	11.3	1.75	12.5	2.00	13.6	2.27	16.0	2.85	17.2	3.14
	31	7.15	1.06	8.91	1.37	11.3	1.86	12.5	2.13	13.6	2.42	16.0	3.04	16.9	3.26
	33	7.15	1.12	8.91	1.45	11.3	1.98	12.5	2.27	13.6	2.58	16.0	3.25	16.7	3.39
	35	7.15	1.18	8.91	1.54	11.3	2.10	12.5	2.41	13.6	2.74	16.0	3.46	16.4	3.51
	37	7.15	1.25	8.91	1.64	11.3	2.24	12.5	2.57	13.6	2.92	15.7	3.60	16.1	3.63
	39	7.15	1.33	8.91	1.73	11.3	2.37	12.5	2.73	13.6	3.11	15.5	3.72	15.9	3.76
90% (135)	10	6.43	0.72	8.02	0.89	10.2	1.12	11.2	1.25	12.3	1.38	14.4	1.64	16.4	1.91
	12	6.43	0.73	8.02	0.90	10.2	1.14	11.2	1.27	12.3	1.40	14.4	1.67	16.4	1.95
	14	6.43	0.74	8.02	0.91	10.2	1.16	11.2	1.29	12.3	1.43	14.4	1.71	16.4	1.98
	16	6.43	0.76	8.02	0.93	10.2	1.18	11.2	1.32	12.3	1.45	14.4	1.74	16.4	2.02
	18	6.43	0.77	8.02	0.94	10.2	1.21	11.2	1.34	12.3	1.48	14.4	1.77	16.4	2.06
	20	6.43	0.78	8.02	0.96	10.2	1.23	11.2	1.37	12.3	1.51	14.4	1.81	16.4	2.18
	21	6.43	0.79	8.02	0.97	10.2	1.24	11.2	1.38	12.3	1.53	14.4	1.87	16.4	2.26
	23	6.43	0.80	8.02	0.99	10.2	1.26	11.2	1.43	12.3	1.61	14.4	2.00	16.4	2.42
	25	6.43	0.81	8.02	1.01	10.2	1.34	11.2	1.52	12.3	1.72	14.4	2.14	16.4	2.59
	27	6.43	0.84	8.02	1.07	10.2	1.43	11.2	1.62	12.3	1.83	14.4	2.29	16.4	2.77
	29	6.43	0.89	8.02	1.14	10.2	1.52	11.2	1.73	12.3	1.96	14.4	2.44	16.4	2.96
	31	6.43	0.94	8.02	1.21	10.2	1.62	11.2	1.84	12.3	2.08	14.4	2.60	16.4	3.16
	33	6.43	1.00	8.02	1.28	10.2	1.72	11.2	1.96	12.3	2.22	14.4	2.78	16.3	3.36
	35	6.43	1.05	8.02	1.36	10.2	1.83	11.2	2.08	12.3	2.36	14.4	2.96	16.1	3.48
	37	6.43	1.11	8.02	1.44	10.2	1.94	11.2	2.21	12.3	2.51	14.4	3.15	15.8	3.61
	39	6.43	1.18	8.02	1.52	10.2	2.06	11.2	2.35	12.3	2.67	14.4	3.36	15.5	3.73

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (120)	10	5.72	0.66	7.13	0.79	9.03	1.00	9.97	1.10	10.9	1.21	12.8	1.44	14.6	1.67
	12	5.72	0.66	7.13	0.80	9.03	1.01	9.97	1.12	10.9	1.23	12.8	1.46	14.6	1.70
	14	5.72	0.67	7.13	0.82	9.03	1.03	9.97	1.14	10.9	1.25	12.8	1.49	14.6	1.73
	16	5.72	0.68	7.13	0.83	9.03	1.05	9.97	1.16	10.9	1.28	12.8	1.52	14.6	1.77
	18	5.72	0.69	7.13	0.84	9.03	1.07	9.97	1.18	10.9	1.30	12.8	1.55	14.6	1.80
	20	5.72	0.70	7.13	0.86	9.03	1.08	9.97	1.20	10.9	1.33	12.8	1.58	14.6	1.84
	21	5.72	0.71	7.13	0.86	9.03	1.09	9.97	1.21	10.9	1.34	12.8	1.60	14.6	1.91
	23	5.72	0.72	7.13	0.88	9.03	1.11	9.97	1.24	10.9	1.38	12.8	1.70	14.6	2.04
	25	5.72	0.73	7.13	0.89	9.03	1.16	9.97	1.31	10.9	1.47	12.8	1.81	14.6	2.18
	27	5.72	0.75	7.13	0.94	9.03	1.23	9.97	1.39	10.9	1.57	12.8	1.94	14.6	2.33
	29	5.72	0.79	7.13	0.99	9.03	1.31	9.97	1.48	10.9	1.67	12.8	2.07	14.6	2.49
	31	5.72	0.83	7.13	1.05	9.03	1.39	9.97	1.58	10.9	1.77	12.8	2.20	14.6	2.66
	33	5.72	0.88	7.13	1.12	9.03	1.48	9.97	1.68	10.9	1.89	12.8	2.34	14.6	2.83
	35	5.72	0.93	7.13	1.18	9.03	1.57	9.97	1.78	10.9	2.01	12.8	2.49	14.6	3.02
	37	5.72	0.98	7.13	1.25	9.03	1.66	9.97	1.89	10.9	2.13	12.8	2.65	14.6	3.22
	39	5.72	1.04	7.13	1.32	9.03	1.76	9.97	2.01	10.9	2.26	12.8	2.82	14.6	3.42
70% (105)	10	5.00	0.59	6.24	0.70	7.90	0.87	8.72	0.96	9.54	1.05	11.2	1.24	12.7	1.44
	12	5.00	0.60	6.24	0.71	7.90	0.89	8.72	0.98	9.54	1.07	11.2	1.26	12.7	1.46
	14	5.00	0.60	6.24	0.72	7.90	0.90	8.72	0.99	9.54	1.09	11.2	1.29	12.7	1.49
	16	5.00	0.61	6.24	0.74	7.90	0.92	8.72	1.01	9.54	1.11	11.2	1.31	12.7	1.52
	18	5.00	0.62	6.24	0.75	7.90	0.93	8.72	1.03	9.54	1.13	11.2	1.34	12.7	1.55
	20	5.00	0.63	6.24	0.76	7.90	0.95	8.72	1.05	9.54	1.15	11.2	1.36	12.7	1.58
	21	5.00	0.63	6.24	0.76	7.90	0.96	8.72	1.06	9.54	1.16	11.2	1.37	12.7	1.59
	23	5.00	0.64	6.24	0.78	7.90	0.97	8.72	1.07	9.54	1.18	11.2	1.42	12.7	1.69
	25	5.00	0.65	6.24	0.79	7.90	0.99	8.72	1.11	9.54	1.24	11.2	1.52	12.7	1.81
	27	5.00	0.66	6.24	0.81	7.90	1.05	8.72	1.18	9.54	1.32	11.2	1.62	12.7	1.93
	29	5.00	0.70	6.24	0.86	7.90	1.12	8.72	1.26	9.54	1.40	11.2	1.72	12.7	2.06
	31	5.00	0.73	6.24	0.91	7.90	1.19	8.72	1.33	9.54	1.49	11.2	1.83	12.7	2.19
	33	5.00	0.77	6.24	0.96	7.90	1.26	8.72	1.42	9.54	1.58	11.2	1.95	12.7	2.34
	35	5.00	0.82	6.24	1.02	7.90	1.33	8.72	1.50	9.54	1.68	11.2	2.07	12.7	2.49
	37	5.00	0.86	6.24	1.08	7.90	1.41	8.72	1.59	9.54	1.79	11.2	2.20	12.7	2.65
	39	5.00	0.91	6.24	1.14	7.90	1.49	8.72	1.69	9.54	1.89	11.2	2.34	12.7	2.81
60% (90)	10	4.29	0.53	5.34	0.62	6.77	0.76	7.48	0.83	8.18	0.90	9.57	1.06	10.9	1.21
	12	4.29	0.53	5.34	0.63	6.77	0.77	7.48	0.84	8.18	0.92	9.57	1.07	10.9	1.23
	14	4.29	0.54	5.34	0.64	6.77	0.78	7.48	0.85	8.18	0.93	9.57	1.09	10.9	1.26
	16	4.29	0.55	5.34	0.65	6.77	0.79	7.48	0.87	8.18	0.95	9.57	1.11	10.9	1.28
	18	4.29	0.55	5.34	0.65	6.77	0.80	7.48	0.88	8.18	0.96	9.57	1.13	10.9	1.30
	20	4.29	0.56	5.34	0.66	6.77	0.82	7.48	0.90	8.18	0.98	9.57	1.15	10.9	1.33
	21	4.29	0.56	5.34	0.67	6.77	0.82	7.48	0.90	8.18	0.99	9.57	1.16	10.9	1.34
	23	4.29	0.57	5.34	0.68	6.77	0.84	7.48	0.92	8.18	1.01	9.57	1.18	10.9	1.38
	25	4.29	0.58	5.34	0.69	6.77	0.85	7.48	0.94	8.18	1.03	9.57	1.24	10.9	1.47
	27	4.29	0.59	5.34	0.70	6.77	0.89	7.48	0.99	8.18	1.10	9.57	1.33	10.9	1.57
	29	4.29	0.61	5.34	0.74	6.77	0.94	7.48	1.05	8.18	1.16	9.57	1.41	10.9	1.67
	31	4.29	0.64	5.34	0.78	6.77	1.00	7.48	1.11	8.18	1.24	9.57	1.50	10.9	1.78
	33	4.29	0.68	5.34	0.83	6.77	1.05	7.48	1.18	8.18	1.31	9.57	1.59	10.9	1.89
	35	4.29	0.71	5.34	0.87	6.77	1.12	7.48	1.25	8.18	1.39	9.57	1.69	10.9	2.01
	37	4.29	0.75	5.34	0.92	6.77	1.18	7.48	1.32	8.18	1.47	9.57	1.79	10.9	2.13
	39	4.29	0.79	5.34	0.97	6.77	1.25	7.48	1.40	8.18	1.56	9.57	1.90	10.9	2.27
50% (75)	10	3.57	0.47	4.45	0.54	5.65	0.65	6.23	0.70	6.82	0.76	7.98	0.88	9.10	1.00
	12	3.57	0.47	4.45	0.55	5.65	0.66	6.23	0.71	6.82	0.77	7.98	0.89	9.10	1.02
	14	3.57	0.48	4.45	0.55	5.65	0.67	6.23	0.72	6.82	0.78	7.98	0.91	9.10	1.04
	16	3.57	0.48	4.45	0.56	5.65	0.68	6.23	0.73	6.82	0.80	7.98	0.92	9.10	1.05
	18	3.57	0.49	4.45	0.57	5.65	0.69	6.23	0.75	6.82	0.81	7.98	0.94	9.10	1.07
	20	3.57	0.49	4.45	0.58	5.65	0.70	6.23	0.76	6.82	0.82	7.98	0.96	9.10	1.09
	21	3.57	0.50	4.45	0.58	5.65	0.70	6.23	0.76	6.82	0.83	7.98	0.96	9.10	1.10
	23	3.57	0.50	4.45	0.59	5.65	0.71	6.23	0.78	6.82	0.84	7.98	0.98	9.10	1.12
	25	3.57	0.51	4.45	0.60	5.65	0.72	6.23	0.79	6.82	0.86	7.98	1.00	9.10	1.17
	27	3.57	0.52	4.45	0.60	5.65	0.74	6.23	0.81	6.82	0.89	7.98	1.06	9.10	1.24
	29	3.57	0.53	4.45	0.63	5.65	0.78	6.23	0.86	6.82	0.95	7.98	1.13	9.10	1.32
	31	3.57	0.55	4.45	0.66	5.65	0.82	6.23	0.91	6.82	1.00	7.98	1.20	9.10	1.41
	33	3.57	0.58	4.45	0.70	5.65	0.87	6.23	0.96	6.82	1.06	7.98	1.27	9.10	1.49
	35	3.57	0.61	4.45	0.73	5.65	0.92	6.23	1.02	6.82	1.12	7.98	1.35	9.10	1.58
	37	3.57	0.64	4.45	0.77	5.65	0.97	6.23	1.08	6.82	1.19	7.98	1.43	9.10	1.68
	39	3.57	0.68	4.45	0.81	5.65	1.02	6.23	1.14	6.82	1.26	7.98	1.51	9.10	1.78

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ8TY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (260)	10	13.0	1.47	16.2	1.86	20.5	2.42	22.7	2.71	24.8	3.01	28.2	3.42	29.0	3.27
	12	13.0	1.49	16.2	1.89	20.5	2.46	22.7	2.76	24.8	3.06	27.8	3.40	28.6	3.25
	14	13.0	1.52	16.2	1.92	20.5	2.51	22.7	2.81	24.8	3.12	27.5	3.38	28.2	3.27
	16	13.0	1.55	16.2	1.96	20.5	2.56	22.7	2.87	24.8	3.18	27.1	3.41	27.9	3.45
	18	13.0	1.57	16.2	1.99	20.5	2.61	22.7	2.92	24.8	3.28	26.7	3.58	27.5	3.62
	20	13.0	1.60	16.2	2.03	20.5	2.67	22.7	3.08	24.8	3.52	26.4	3.76	27.1	3.80
	21	13.0	1.62	16.2	2.05	20.5	2.77	22.7	3.19	24.8	3.65	26.2	3.85	27.0	3.89
	23	13.0	1.65	16.2	2.14	20.5	2.96	22.7	3.42	24.8	3.91	25.8	4.02	26.6	4.07
	25	13.0	1.72	16.2	2.28	20.5	3.17	22.7	3.66	24.7	4.15	25.5	4.20	26.2	4.25
	27	13.0	1.83	16.2	2.43	20.5	3.39	22.7	3.92	24.3	4.32	25.1	4.38	25.9	4.43
	29	13.0	1.95	16.2	2.59	20.5	3.62	22.7	4.19	23.9	4.50	24.7	4.55	25.5	4.61
	31	13.0	2.07	16.2	2.76	20.5	3.86	22.7	4.47	23.6	4.68	24.4	4.73	25.1	4.79
	33	13.0	2.20	16.2	2.94	20.5	4.12	22.7	4.77	23.2	4.85	24.0	4.91	24.8	4.97
	35	13.0	2.33	16.2	3.13	20.5	4.39	22.5	5.00	22.9	5.03	23.6	5.09	24.4	5.15
	37	13.0	2.47	16.2	3.32	20.5	4.67	22.1	5.17	22.5	5.21	23.3	5.27	24.0	5.34
	39	13.0	2.62	16.2	3.53	20.5	4.98	21.7	5.35	22.1	5.38	22.9	5.46	23.7	5.52
120% (240)	10	12.0	1.36	15.0	1.70	19.0	2.21	20.9	2.47	22.9	2.74	26.8	3.29	28.5	3.36
	12	12.0	1.38	15.0	1.73	19.0	2.25	20.9	2.52	22.9	2.79	26.8	3.35	28.1	3.35
	14	12.0	1.40	15.0	1.76	19.0	2.29	20.9	2.56	22.9	2.84	26.8	3.41	27.8	3.33
	16	12.0	1.42	15.0	1.79	19.0	2.33	20.9	2.61	22.9	2.90	26.7	3.45	27.4	3.42
	18	12.0	1.45	15.0	1.83	19.0	2.38	20.9	2.66	22.9	2.96	26.3	3.56	27.0	3.60
	20	12.0	1.48	15.0	1.86	19.0	2.43	20.9	2.74	22.9	3.13	26.0	3.74	26.7	3.77
	21	12.0	1.49	15.0	1.88	19.0	2.47	20.9	2.84	22.9	3.24	25.8	3.82	26.5	3.86
	23	12.0	1.52	15.0	1.93	19.0	2.65	20.9	3.04	22.9	3.47	25.4	4.00	26.1	4.04
	25	12.0	1.56	15.0	2.05	19.0	2.83	20.9	3.26	22.9	3.72	25.0	4.17	25.7	4.22
	27	12.0	1.66	15.0	2.19	19.0	3.02	20.9	3.48	22.9	3.98	24.7	4.35	25.4	4.39
	29	12.0	1.77	15.0	2.33	19.0	3.22	20.9	3.72	22.9	4.25	24.3	4.53	25.0	4.57
	31	12.0	1.88	15.0	2.48	19.0	3.44	20.9	3.97	22.9	4.54	24.0	4.70	24.7	4.75
	33	12.0	1.99	15.0	2.64	19.0	3.66	20.9	4.23	22.9	4.82	23.6	4.88	24.3	4.93
	35	12.0	2.11	15.0	2.80	19.0	3.90	20.9	4.51	22.5	5.00	23.2	5.06	23.9	5.12
	37	12.0	2.24	15.0	2.98	19.0	4.15	20.9	4.80	22.1	5.18	22.9	5.24	23.6	5.30
	39	12.0	2.37	15.0	3.16	19.0	4.42	20.9	5.12	21.8	5.35	22.5	5.42	23.2	5.48
110% (220)	10	11.0	1.25	13.7	1.55	17.4	2.00	19.2	2.24	21.0	2.48	24.6	2.97	28.0	3.46
	12	11.0	1.27	13.7	1.58	17.4	2.04	19.2	2.28	21.0	2.52	24.6	3.03	27.6	3.44
	14	11.0	1.29	13.7	1.61	17.4	2.08	19.2	2.32	21.0	2.57	24.6	3.09	27.3	3.42
	16	11.0	1.31	13.7	1.63	17.4	2.12	19.2	2.37	21.0	2.62	24.6	3.15	26.9	3.41
	18	11.0	1.33	13.7	1.66	17.4	2.16	19.2	2.41	21.0	2.67	24.6	3.23	26.5	3.58
	20	11.0	1.35	13.7	1.70	17.4	2.20	19.2	2.46	21.0	2.76	24.6	3.47	26.2	3.75
	21	11.0	1.36	13.7	1.71	17.4	2.22	19.2	2.51	21.0	2.85	24.6	3.60	26.0	3.84
	23	11.0	1.39	13.7	1.74	17.4	2.35	19.2	2.69	21.0	3.06	24.6	3.86	25.6	4.01
	25	11.0	1.41	13.7	1.84	17.4	2.51	19.2	2.88	21.0	3.27	24.6	4.13	25.3	4.19
	27	11.0	1.50	13.7	1.96	17.4	2.68	19.2	3.07	21.0	3.50	24.3	4.32	24.9	4.36
	29	11.0	1.59	13.7	2.08	17.4	2.85	19.2	3.28	21.0	3.73	23.9	4.50	24.5	4.54
	31	11.0	1.69	13.7	2.22	17.4	3.04	19.2	3.50	21.0	3.98	23.5	4.67	24.2	4.72
	33	11.0	1.79	13.7	2.35	17.4	3.24	19.2	3.72	21.0	4.25	23.2	4.85	23.8	4.90
	35	11.0	1.90	13.7	2.50	17.4	3.45	19.2	3.97	21.0	4.53	22.8	5.02	23.5	5.08
	37	11.0	2.01	13.7	2.65	17.4	3.66	19.2	4.22	21.0	4.82	22.4	5.20	23.1	5.26
	39	11.0	2.13	13.7	2.81	17.4	3.90	19.2	4.50	21.0	5.14	22.1	5.38	22.7	5.44
100% (200)	10	10.0	1.14	12.5	1.41	15.8	1.80	17.4	2.01	19.1	2.22	22.3	2.66	25.5	3.10
	12	10.0	1.16	12.5	1.43	15.8	1.84	17.4	2.05	19.1	2.26	22.3	2.71	25.5	3.16
	14	10.0	1.18	12.5	1.46	15.8	1.87	17.4	2.08	19.1	2.31	22.3	2.76	25.5	3.22
	16	10.0	1.19	12.5	1.48	15.8	1.90	17.4	2.12	19.1	2.35	22.3	2.82	25.5	3.28
	18	10.0	1.21	12.5	1.51	15.8	1.94	17.4	2.16	19.1	2.40	22.3	2.87	25.5	3.41
	20	10.0	1.23	12.5	1.53	15.8	1.98	17.4	2.21	19.1	2.44	22.3	3.01	25.5	3.66
	21	10.0	1.24	12.5	1.55	15.8	2.00	17.4	2.23	19.1	2.49	22.3	3.12	25.5	3.80
	23	10.0	1.26	12.5	1.58	15.8	2.07	17.4	2.36	19.1	2.67	22.3	3.35	25.2	3.98
	25	10.0	1.29	12.5	1.64	15.8	2.21	17.4	2.52	19.1	2.85	22.3	3.58	24.8	4.16
	27	10.0	1.35	12.5	1.74	15.8	2.35	17.4	2.69	19.1	3.05	22.3	3.83	24.4	4.33
	29	10.0	1.43	12.5	1.85	15.8	2.51	17.4	2.87	19.1	3.25	22.3	4.09	24.1	4.51
	31	10.0	1.52	12.5	1.97	15.8	2.67	17.4	3.05	19.1	3.47	22.3	4.37	23.7	4.68
	33	10.0	1.61	12.5	2.09	15.8	2.84	17.4	3.25	19.1	3.70	22.3	4.66	23.3	4.86
	35	10.0	1.70	12.5	2.21	15.8	3.02	17.4	3.46	19.1	3.94	22.3	4.97	23.0	5.04
	37	10.0	1.80	12.5	2.35	15.8	3.21	17.4	3.68	19.1	4.19	22.0	5.17	22.6	5.22
	39	10.0	1.90	12.5	2.49	15.8	3.41	17.4	3.92	19.1	4.46	21.7	5.34	22.2	5.40
90% (180)	10	9.00	1.04	11.2	1.27	14.2	1.61	15.7	1.79	17.2	1.98	20.1	2.36	22.9	2.74
	12	9.00	1.05	11.2	1.29	14.2	1.64	15.7	1.82	17.2	2.01	20.1	2.40	22.9	2.79
	14	9.00	1.07	11.2	1.31	14.2	1.67	15.7	1.86	17.2	2.05	20.1	2.45	22.9	2.85
	16	9.00	1.08	11.2	1.33	14.2	1.70	15.7	1.89	17.2	2.09	20.1	2.49	22.9	2.90
	18	9.00	1.10	11.2	1.36	14.2	1.73	15.7	1.93	17.2	2.13	20.1	2.54	22.9	2.96
	20	9.00	1.12	11.2	1.38	14.2	1.76	15.7	1.96	17.2	2.17	20.1	2.59	22.9	3.13
	21	9.00	1.13	11.2	1.39	14.2	1.78	15.7	1.98	17.2	2.19	20.1	2.68	22.9	3.24
	23	9.00	1.15	11.2	1.42	14.2	1.81	15.7	2.05	17.2	2.31	20.1	2.87	22.9	3.48
	25	9.00	1.16	11.2	1.45	14.2	1.93	15.7	2.19	17.2	2.47	20.1	3.07	22.9	3.72
	27	9.00	1.21	11.2	1.54	14.2	2.05	15.7	2.33	17.2	2.63	20.1	3.28	22.9	3.98
	29	9.00	1.28	11.2	1.63	14.2	2.18	15.7	2.48	17.2	2.81	20.1	3.50	22.9	4.25
	31	9.00	1.35	11.2	1.73	14.2	2.32	15.7	2.64	17.2	2.99	20.1	3.74	22.9	4.54
	33	9.00	1.43	11.2	1.84	14.2	2.47	15.7	2.81	17.2	3.18	20.1	3.99	22.9	4.82
	35	9.00	1.51	11.2	1.95	14.2	2.62	15.7	2.99	17.2	3.39	20.1	4.25	22.5	5.00
	37	9.00	1.60	11.2	2.06	14.2	2.78	15.7	3.18	17.2	3.60	20.1	4.52	22.1	5.18
	39	9.00	1.69	11.2	2.18	14.2	2.95	15.7	3.38	17.2	3.83	20.1	4.82	21.8	5.35

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (160)	10	8.00	0.94	9.98	1.14	12.6	1.43	14.0	1.58	15.3	1.74	17.9	2.06	20.4	2.39
	12	8.00	0.95	9.98	1.16	12.6	1.45	14.0	1.61	15.3	1.77	17.9	2.10	20.4	2.44
	14	8.00	0.97	9.98	1.17	12.6	1.48	14.0	1.64	15.3	1.80	17.9	2.14	20.4	2.49
	16	8.00	0.98	9.98	1.19	12.6	1.50	14.0	1.66	15.3	1.83	17.9	2.18	20.4	2.53
	18	8.00	0.99	9.98	1.21	12.6	1.53	14.0	1.69	15.3	1.87	17.9	2.22	20.4	2.58
	20	8.00	1.01	9.98	1.23	12.6	1.56	14.0	1.73	15.3	1.90	17.9	2.27	20.4	2.64
	21	8.00	1.02	9.98	1.24	12.6	1.57	14.0	1.74	15.3	1.92	17.9	2.29	20.4	2.74
	23	8.00	1.03	9.98	1.26	12.6	1.60	14.0	1.78	15.3	1.98	17.9	2.44	20.4	2.93
	25	8.00	1.05	9.98	1.28	12.6	1.66	14.0	1.88	15.3	2.11	17.9	2.60	20.4	3.13
	27	8.00	1.07	9.98	1.35	12.6	1.77	14.0	2.00	15.3	2.25	17.9	2.78	20.4	3.35
	29	8.00	1.13	9.98	1.43	12.6	1.88	14.0	2.13	15.3	2.39	17.9	2.96	20.4	3.57
	31	8.00	1.20	9.98	1.51	12.6	2.00	14.0	2.26	15.3	2.55	17.9	3.16	20.4	3.81
	33	8.00	1.27	9.98	1.60	12.6	2.12	14.0	2.41	15.3	2.71	17.9	3.36	20.4	4.07
	35	8.00	1.34	9.98	1.70	12.6	2.25	14.0	2.56	15.3	2.88	17.9	3.58	20.4	4.33
	37	8.00	1.41	9.98	1.79	12.6	2.39	14.0	2.71	15.3	3.06	17.9	3.81	20.4	4.61
	39	8.00	1.49	9.98	1.90	12.6	2.53	14.0	2.88	15.3	3.25	17.9	4.05	20.4	4.91
70% (140)	10	7.00	0.85	8.73	1.01	11.1	1.25	12.2	1.38	13.4	1.51	15.6	1.78	17.8	2.06
	12	7.00	0.86	8.73	1.03	11.1	1.27	12.2	1.40	13.4	1.54	15.6	1.81	17.8	2.10
	14	7.00	0.87	8.73	1.04	11.1	1.29	12.2	1.43	13.4	1.56	15.6	1.85	17.8	2.14
	16	7.00	0.88	8.73	1.06	11.1	1.31	12.2	1.45	13.4	1.59	15.6	1.88	17.8	2.18
	18	7.00	0.89	8.73	1.07	11.1	1.34	12.2	1.47	13.4	1.62	15.6	1.92	17.8	2.22
	20	7.00	0.90	8.73	1.09	11.1	1.36	12.2	1.50	13.4	1.65	15.6	1.95	17.8	2.26
	21	7.00	0.91	8.73	1.10	11.1	1.37	12.2	1.51	13.4	1.66	15.6	1.97	17.8	2.28
	23	7.00	0.92	8.73	1.11	11.1	1.40	12.2	1.54	13.4	1.70	15.6	2.04	17.8	2.43
	25	7.00	0.94	8.73	1.13	11.1	1.42	12.2	1.60	13.4	1.78	15.6	2.18	17.8	2.60
	27	7.00	0.95	8.73	1.17	11.1	1.51	12.2	1.70	13.4	1.89	15.6	2.32	17.8	2.77
	29	7.00	1.00	8.73	1.24	11.1	1.60	12.2	1.80	13.4	2.02	15.6	2.47	17.8	2.96
	31	7.00	1.05	8.73	1.31	11.1	1.70	12.2	1.92	13.4	2.14	15.6	2.63	17.8	3.15
	33	7.00	1.11	8.73	1.38	11.1	1.80	12.2	2.03	13.4	2.27	15.6	2.80	17.8	3.35
	35	7.00	1.17	8.73	1.46	11.1	1.91	12.2	2.16	13.4	2.41	15.6	2.97	17.8	3.57
	37	7.00	1.24	8.73	1.55	11.1	2.03	12.2	2.29	13.4	2.56	15.6	3.16	17.8	3.80
	39	7.00	1.30	8.73	1.63	11.1	2.14	12.2	2.42	13.4	2.72	15.6	3.36	17.8	4.04
60% (120)	10	6.00	0.76	7.48	0.89	9.48	1.09	10.5	1.19	11.5	1.30	13.4	1.52	15.3	1.74
	12	6.00	0.77	7.48	0.90	9.48	1.10	10.5	1.21	11.5	1.32	13.4	1.54	15.3	1.77
	14	6.00	0.78	7.48	0.91	9.48	1.12	10.5	1.23	11.5	1.34	13.4	1.57	15.3	1.80
	16	6.00	0.78	7.48	0.93	9.48	1.14	10.5	1.25	11.5	1.36	13.4	1.60	15.3	1.84
	18	6.00	0.79	7.48	0.94	9.48	1.15	10.5	1.27	11.5	1.38	13.4	1.62	15.3	1.87
	20	6.00	0.80	7.48	0.95	9.48	1.17	10.5	1.29	11.5	1.41	13.4	1.65	15.3	1.90
	21	6.00	0.81	7.48	0.96	9.48	1.18	10.5	1.30	11.5	1.42	13.4	1.67	15.3	1.92
	23	6.00	0.82	7.48	0.97	9.48	1.20	10.5	1.32	11.5	1.44	13.4	1.70	15.3	1.98
	25	6.00	0.83	7.48	0.99	9.48	1.22	10.5	1.34	11.5	1.48	13.4	1.79	15.3	2.11
	27	6.00	0.84	7.48	1.00	9.48	1.27	10.5	1.42	11.5	1.57	13.4	1.90	15.3	2.25
	29	6.00	0.87	7.48	1.06	9.48	1.35	10.5	1.51	11.5	1.67	13.4	2.02	15.3	2.40
	31	6.00	0.92	7.48	1.12	9.48	1.43	10.5	1.60	11.5	1.77	13.4	2.15	15.3	2.55
	33	6.00	0.97	7.48	1.18	9.48	1.51	10.5	1.69	11.5	1.88	13.4	2.28	15.3	2.71
	35	6.00	1.02	7.48	1.25	9.48	1.60	10.5	1.79	11.5	1.99	13.4	2.42	15.3	2.88
	37	6.00	1.07	7.48	1.32	9.48	1.69	10.5	1.90	11.5	2.11	13.4	2.57	15.3	3.06
	39	6.00	1.13	7.48	1.39	9.48	1.79	10.5	2.01	11.5	2.24	13.4	2.73	15.3	3.25
50% (100)	10	5.00	0.67	6.24	0.78	7.90	0.93	8.72	1.01	9.54	1.09	11.2	1.26	12.7	1.44
	12	5.00	0.68	6.24	0.79	7.90	0.94	8.72	1.02	9.54	1.11	11.2	1.28	12.7	1.46
	14	5.00	0.69	6.24	0.80	7.90	0.96	8.72	1.04	9.54	1.13	11.2	1.30	12.7	1.49
	16	5.00	0.69	6.24	0.81	7.90	0.97	8.72	1.05	9.54	1.14	11.2	1.33	12.7	1.51
	18	5.00	0.70	6.24	0.82	7.90	0.98	8.72	1.07	9.54	1.16	11.2	1.35	12.7	1.54
	20	5.00	0.71	6.24	0.83	7.90	1.00	8.72	1.09	9.54	1.18	11.2	1.37	12.7	1.57
	21	5.00	0.71	6.24	0.83	7.90	1.01	8.72	1.10	9.54	1.19	11.2	1.38	12.7	1.58
	23	5.00	0.72	6.24	0.84	7.90	1.02	8.72	1.11	9.54	1.21	11.2	1.41	12.7	1.61
	25	5.00	0.73	6.24	0.85	7.90	1.04	8.72	1.13	9.54	1.23	11.2	1.44	12.7	1.68
	27	5.00	0.74	6.24	0.87	7.90	1.06	8.72	1.17	9.54	1.28	11.2	1.53	12.7	1.79
	29	5.00	0.76	6.24	0.90	7.90	1.12	8.72	1.24	9.54	1.36	11.2	1.62	12.7	1.90
	31	5.00	0.80	6.24	0.95	7.90	1.18	8.72	1.31	9.54	1.44	11.2	1.72	12.7	2.02
	33	5.00	0.84	6.24	1.00	7.90	1.25	8.72	1.38	9.54	1.52	11.2	1.82	12.7	2.14
	35	5.00	0.88	6.24	1.05	7.90	1.32	8.72	1.46	9.54	1.61	11.2	1.93	12.7	2.27
	37	5.00	0.92	6.24	1.11	7.90	1.39	8.72	1.54	9.54	1.71	11.2	2.05	12.7	2.41
	39	5.00	0.97	6.24	1.17	7.90	1.47	8.72	1.63	9.54	1.80	11.2	2.17	12.7	2.55

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ10TY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (325)	10	16.3	1.99	20.3	2.52	25.7	3.28	28.3	3.67	31.0	4.08	35.2	4.64	36.2	4.43
	12	16.3	2.03	20.3	2.56	25.7	3.34	28.3	3.74	31.0	4.15	34.8	4.62	35.7	4.41
	14	16.3	2.06	20.3	2.61	25.7	3.40	28.3	3.81	31.0	4.23	34.3	4.59	35.3	4.43
	16	16.3	2.10	20.3	2.66	25.7	3.47	28.3	3.89	31.0	4.32	33.9	4.63	34.8	4.67
	18	16.3	2.13	20.3	2.71	25.7	3.54	28.3	3.97	31.0	4.44	33.4	4.86	34.4	4.91
	20	16.3	2.17	20.3	2.76	25.7	3.63	28.3	4.18	31.0	4.78	33.0	5.10	33.9	5.15
	21	16.3	2.19	20.3	2.79	25.7	3.75	28.3	4.33	31.0	4.95	32.7	5.22	33.7	5.27
	23	16.3	2.23	20.3	2.90	25.7	4.02	28.3	4.64	31.0	5.31	32.3	5.46	33.2	5.52
	25	16.3	2.33	20.3	3.10	25.7	4.30	28.3	4.97	30.8	5.63	31.8	5.70	32.8	5.76
	27	16.3	2.49	20.3	3.30	25.7	4.60	28.3	5.31	30.4	5.87	31.4	5.94	32.3	6.00
	29	16.3	2.64	20.3	3.52	25.7	4.91	28.3	5.68	29.9	6.10	30.9	6.18	31.9	6.25
	31	16.3	2.81	20.3	3.75	25.7	5.24	28.3	6.06	29.5	6.34	30.5	6.42	31.4	6.49
	33	16.3	2.98	20.3	3.99	25.7	5.58	28.3	6.47	29.0	6.58	30.0	6.66	31.0	6.74
	35	16.3	3.16	20.3	4.24	25.7	5.95	28.1	6.78	28.6	6.82	29.6	6.91	30.5	6.99
	37	16.3	3.36	20.3	4.51	25.7	6.34	27.6	7.02	28.1	7.06	29.1	7.15	30.0	7.24
	39	16.3	3.56	20.3	4.79	25.7	6.75	27.2	7.26	27.7	7.30	28.6	7.40	29.6	7.49
120% (300)	10	15.0	1.84	18.7	2.31	23.7	2.99	26.2	3.35	28.6	3.72	33.5	4.46	35.6	4.56
	12	15.0	1.87	18.7	2.35	23.7	3.05	26.2	3.41	28.6	3.79	33.5	4.54	35.1	4.54
	14	15.0	1.90	18.7	2.39	23.7	3.11	26.2	3.48	28.6	3.86	33.5	4.63	34.7	4.51
	16	15.0	1.93	18.7	2.43	23.7	3.17	26.2	3.54	28.6	3.93	33.4	4.68	34.2	4.64
	18	15.0	1.97	18.7	2.48	23.7	3.23	26.2	3.61	28.6	4.01	32.9	4.83	33.8	4.88
	20	15.0	2.00	18.7	2.53	23.7	3.29	26.2	3.72	28.6	4.24	32.4	5.07	33.3	5.12
	21	15.0	2.02	18.7	2.55	23.7	3.35	26.2	3.86	28.6	4.39	32.2	5.19	33.1	5.24
	23	15.0	2.06	18.7	2.61	23.7	3.59	26.2	4.13	28.6	4.71	31.8	5.42	32.6	5.48
	25	15.0	2.12	18.7	2.79	23.7	3.84	26.2	4.42	28.6	5.04	31.3	5.66	32.2	5.72
	27	15.0	2.26	18.7	2.97	23.7	4.10	26.2	4.72	28.6	5.39	30.9	5.90	31.7	5.96
	29	15.0	2.40	18.7	3.16	23.7	4.37	26.2	5.04	28.6	5.76	30.4	6.14	31.3	6.20
	31	15.0	2.54	18.7	3.36	23.7	4.66	26.2	5.38	28.6	6.15	29.9	6.38	30.8	6.45
	33	15.0	2.70	18.7	3.58	23.7	4.97	26.2	5.74	28.6	6.54	29.5	6.62	30.4	6.69
	35	15.0	2.86	18.7	3.80	23.7	5.29	26.2	6.12	28.1	6.78	29.0	6.86	29.9	6.94
	37	15.0	3.03	18.7	4.04	23.7	5.63	26.2	6.52	27.7	7.02	28.6	7.10	29.5	7.19
	39	15.0	3.22	18.7	4.29	23.7	6.00	26.2	6.94	27.2	7.26	28.1	7.35	29.0	7.44
110% (275)	10	13.8	1.69	17.1	2.11	21.7	2.72	24.0	3.03	26.2	3.36	30.7	4.03	35.0	4.69
	12	13.8	1.72	17.1	2.14	21.7	2.77	24.0	3.09	26.2	3.42	30.7	4.11	34.6	4.67
	14	13.8	1.74	17.1	2.18	21.7	2.82	24.0	3.15	26.2	3.49	30.7	4.18	34.1	4.64
	16	13.8	1.77	17.1	2.22	21.7	2.87	24.0	3.21	26.2	3.56	30.7	4.27	33.6	4.62
	18	13.8	1.80	17.1	2.26	21.7	2.93	24.0	3.27	26.2	3.63	30.7	4.38	33.2	4.85
	20	13.8	1.83	17.1	2.30	21.7	2.98	24.0	3.34	26.2	3.74	30.7	4.71	32.7	5.09
	21	13.8	1.85	17.1	2.32	21.7	3.01	24.0	3.41	26.2	3.87	30.7	4.88	32.5	5.20
	23	13.8	1.88	17.1	2.37	21.7	3.18	24.0	3.65	26.2	4.15	30.7	5.23	32.0	5.44
	25	13.8	1.92	17.1	2.49	21.7	3.40	24.0	3.90	26.2	4.44	30.7	5.60	31.6	5.68
	27	13.8	2.04	17.1	2.66	21.7	3.63	24.0	4.17	26.2	4.74	30.3	5.86	31.1	5.92
	29	13.8	2.16	17.1	2.83	21.7	3.87	24.0	4.45	26.2	5.06	29.9	6.10	30.7	6.16
	31	13.8	2.29	17.1	3.00	21.7	4.12	24.0	4.74	26.2	5.40	29.4	6.34	30.2	6.40
	33	13.8	2.43	17.1	3.19	21.7	4.39	24.0	5.05	26.2	5.76	29.0	6.58	29.8	6.64
	35	13.8	2.58	17.1	3.39	21.7	4.67	24.0	5.38	26.2	6.14	28.5	6.82	29.3	6.89
	37	13.8	2.73	17.1	3.60	21.7	4.97	24.0	5.73	26.2	6.54	28.1	7.06	28.9	7.13
	39	13.8	2.89	17.1	3.82	21.7	5.29	24.0	6.10	26.2	6.97	27.6	7.30	28.4	7.38
100% (250)	10	12.5	1.55	15.6	1.91	19.8	2.45	21.8	2.73	23.9	3.02	27.9	3.61	31.8	4.20
	12	12.5	1.57	15.6	1.94	19.8	2.49	21.8	2.78	23.9	3.07	27.9	3.68	31.8	4.28
	14	12.5	1.59	15.6	1.98	19.8	2.54	21.8	2.83	23.9	3.13	27.9	3.75	31.8	4.36
	16	12.5	1.62	15.6	2.01	19.8	2.58	21.8	2.88	23.9	3.19	27.9	3.82	31.8	4.45
	18	12.5	1.65	15.6	2.04	19.8	2.63	21.8	2.94	23.9	3.25	27.9	3.90	31.8	4.62
	20	12.5	1.67	15.6	2.08	19.8	2.68	21.8	2.99	23.9	3.32	27.9	4.09	31.8	4.97
	21	12.5	1.69	15.6	2.10	19.8	2.71	21.8	3.02	23.9	3.38	27.9	4.23	31.8	5.15
	23	12.5	1.71	15.6	2.14	19.8	2.80	21.8	3.20	23.9	3.62	27.9	4.54	31.5	5.40
	25	12.5	1.74	15.6	2.22	19.8	2.99	21.8	3.42	23.9	3.87	27.9	4.86	31.0	5.64
	27	12.5	1.83	15.6	2.36	19.8	3.19	21.8	3.65	23.9	4.14	27.9	5.19	30.5	5.88
	29	12.5	1.94	15.6	2.51	19.8	3.40	21.8	3.89	23.9	4.41	27.9	5.55	30.1	6.11
	31	12.5	2.06	15.6	2.67	19.8	3.62	21.8	4.14	23.9	4.70	27.9	5.92	29.6	6.35
	33	12.5	2.18	15.6	2.83	19.8	3.85	21.8	4.41	23.9	5.01	27.9	6.32	29.2	6.59
	35	12.5	2.31	15.6	3.00	19.8	4.09	21.8	4.69	23.9	5.34	27.9	6.74	28.7	6.83
	37	12.5	2.44	15.6	3.18	19.8	4.35	21.8	4.99	23.9	5.68	27.5	7.01	28.3	7.08
	39	12.5	2.58	15.6	3.37	19.8	4.62	21.8	5.31	23.9	6.05	27.1	7.25	27.8	7.32
90% (225)	10	11.3	1.41	14.0	1.72	17.8	2.19	19.6	2.43	21.5	2.68	25.1	3.20	28.7	3.72
	12	11.3	1.43	14.0	1.75	17.8	2.23	19.6	2.47	21.5	2.73	25.1	3.26	28.7	3.79
	14	11.3	1.45	14.0	1.78	17.8	2.26	19.6	2.52	21.5	2.78	25.1	3.32	28.7	3.86
	16	11.3	1.47	14.0	1.81	17.8	2.30	19.6	2.56	21.5	2.83	25.1	3.38	28.7	3.94
	18	11.3	1.49	14.0	1.84	17.8	2.35	19.6	2.61	21.5	2.89	25.1	3.45	28.7	4.02
	20	11.3	1.52	14.0	1.87	17.8	2.39	19.6	2.66	21.5	2.94	25.1	3.52	28.7	4.25
	21	11.3	1.53	14.0	1.89	17.8	2.41	19.6	2.69	21.5	2.97	25.1	3.64	28.7	4.40
	23	11.3	1.55	14.0	1.92	17.8	2.46	19.6	2.78	21.5	3.13	25.1	3.90	28.7	4.72
	25	11.3	1.58	14.0	1.96	17.8	2.61	19.6	2.97	21.5	3.35	25.1	4.17	28.7	5.05
	27	11.3	1.64	14.0	2.08	17.8	2.78	19.6	3.16	21.5	3.57	25.1	4.45	28.7	5.40
	29	11.3	1.73	14.0	2.21	17.8	2.96	19.6	3.37	21.5	3.81	25.1	4.75	28.7	5.77
	31	11.3	1.83	14.0	2.35	17.8	3.15	19.6	3.59	21.5	4.06	25.1	5.07	28.7	6.16
	33	11.3	1.94	14.0	2.49	17.8	3.35	19.6	3.81	21.5	4.32	25.1	5.41	28.6	6.54
	35	11.3	2.05	14.0	2.64	17.8	3.55	19.6	4.06	21.5	4.59	25.1	5.76	28.1	6.78
	37	11.3	2.17	14.0	2.79	17.8	3.77	19.6	4.31	21.5	4.89	25.1	6.13	27.7	7.02
	39	11.3	2.29	14.0	2.96	17.8	4.01	19.6	4.58	21.5	5.20	25.1	6.53	27.2	7.26

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (200)	10	10.0	1.28	12.5	1.54	15.8	1.94	17.4	2.14	19.1	2.36	22.3	2.80	25.5	3.25
	12	10.0	1.29	12.5	1.57	15.8	1.97	17.4	2.18	19.1	2.40	22.3	2.85	25.5	3.31
	14	10.0	1.31	12.5	1.59	15.8	2.00	17.4	2.22	19.1	2.44	22.3	2.90	25.5	3.37
	16	10.0	1.33	12.5	1.62	15.8	2.04	17.4	2.26	19.1	2.49	22.3	2.96	25.5	3.44
	18	10.0	1.35	12.5	1.64	15.8	2.07	17.4	2.30	19.1	2.53	22.3	3.02	25.5	3.50
	20	10.0	1.37	12.5	1.67	15.8	2.11	17.4	2.34	19.1	2.58	22.3	3.08	25.5	3.58
	21	10.0	1.38	12.5	1.68	15.8	2.13	17.4	2.36	19.1	2.61	22.3	3.11	25.5	3.71
	23	10.0	1.40	12.5	1.71	15.8	2.17	17.4	2.41	19.1	2.68	22.3	3.31	25.5	3.97
	25	10.0	1.42	12.5	1.74	15.8	2.26	17.4	2.55	19.1	2.86	22.3	3.53	25.5	4.25
	27	10.0	1.45	12.5	1.83	15.8	2.40	17.4	2.71	19.1	3.05	22.3	3.77	25.5	4.54
	29	10.0	1.54	12.5	1.94	15.8	2.55	17.4	2.89	19.1	3.25	22.3	4.02	25.5	4.85
	31	10.0	1.63	12.5	2.05	15.8	2.71	17.4	3.07	19.1	3.46	22.3	4.28	25.5	5.17
	33	10.0	1.72	12.5	2.17	15.8	2.88	17.4	3.26	19.1	3.67	22.3	4.56	25.5	5.51
	35	10.0	1.81	12.5	2.30	15.8	3.05	17.4	3.47	19.1	3.91	22.3	4.86	25.5	5.88
	37	10.0	1.91	12.5	2.43	15.8	3.24	17.4	3.68	19.1	4.15	22.3	5.17	25.5	6.26
	39	10.0	2.02	12.5	2.57	15.8	3.43	17.4	3.90	19.1	4.41	22.3	5.50	25.5	6.67
70% (175)	10	8.75	1.15	10.9	1.37	13.8	1.70	15.3	1.87	16.7	2.05	19.5	2.42	22.3	2.79
	12	8.75	1.16	10.9	1.39	13.8	1.73	15.3	1.90	16.7	2.08	19.5	2.46	22.3	2.84
	14	8.75	1.18	10.9	1.41	13.8	1.75	15.3	1.93	16.7	2.12	19.5	2.51	22.3	2.90
	16	8.75	1.19	10.9	1.43	13.8	1.78	15.3	1.97	16.7	2.16	19.5	2.55	22.3	2.95
	18	8.75	1.21	10.9	1.45	13.8	1.81	15.3	2.00	16.7	2.20	19.5	2.60	22.3	3.01
	20	8.75	1.23	10.9	1.48	13.8	1.84	15.3	2.04	16.7	2.24	19.5	2.65	22.3	3.07
	21	8.75	1.23	10.9	1.49	13.8	1.86	15.3	2.05	16.7	2.26	19.5	2.67	22.3	3.10
	23	8.75	1.25	10.9	1.51	13.8	1.89	15.3	2.09	16.7	2.30	19.5	2.76	22.3	3.30
	25	8.75	1.27	10.9	1.54	13.8	1.93	15.3	2.16	16.7	2.41	19.5	2.95	22.3	3.52
	27	8.75	1.29	10.9	1.58	13.8	2.05	15.3	2.30	16.7	2.57	19.5	3.15	22.3	3.76
	29	8.75	1.35	10.9	1.68	13.8	2.18	15.3	2.45	16.7	2.73	19.5	3.35	22.3	4.01
	31	8.75	1.43	10.9	1.78	13.8	2.31	15.3	2.60	16.7	2.90	19.5	3.57	22.3	4.27
	33	8.75	1.51	10.9	1.88	13.8	2.45	15.3	2.76	16.7	3.09	19.5	3.79	22.3	4.55
	35	8.75	1.59	10.9	1.99	13.8	2.59	15.3	2.92	16.7	3.28	19.5	4.03	22.3	4.84
	37	8.75	1.68	10.9	2.10	13.8	2.75	15.3	3.10	16.7	3.48	19.5	4.29	22.3	5.15
	39	8.75	1.77	10.9	2.21	13.8	2.91	15.3	3.28	16.7	3.69	19.5	4.55	22.3	5.48
60% (150)	10	7.50	1.03	9.35	1.21	11.9	1.47	13.1	1.61	14.3	1.76	16.8	2.06	19.1	2.36
	12	7.50	1.04	9.35	1.22	11.9	1.50	13.1	1.64	14.3	1.78	16.8	2.09	19.1	2.40
	14	7.50	1.05	9.35	1.24	11.9	1.52	13.1	1.66	14.3	1.81	16.8	2.13	19.1	2.44
	16	7.50	1.06	9.35	1.26	11.9	1.54	13.1	1.69	14.3	1.84	16.8	2.16	19.1	2.49
	18	7.50	1.08	9.35	1.27	11.9	1.57	13.1	1.72	14.3	1.88	16.8	2.20	19.1	2.54
	20	7.50	1.09	9.35	1.29	11.9	1.59	13.1	1.75	14.3	1.91	16.8	2.24	19.1	2.58
	21	7.50	1.10	9.35	1.30	11.9	1.60	13.1	1.76	14.3	1.92	16.8	2.26	19.1	2.61
	23	7.50	1.11	9.35	1.32	11.9	1.63	13.1	1.79	14.3	1.96	16.8	2.31	19.1	2.68
	25	7.50	1.13	9.35	1.34	11.9	1.66	13.1	1.82	14.3	2.01	16.8	2.42	19.1	2.86
	27	7.50	1.14	9.35	1.36	11.9	1.73	13.1	1.92	14.3	2.13	16.8	2.58	19.1	3.05
	29	7.50	1.18	9.35	1.44	11.9	1.83	13.1	2.04	14.3	2.27	16.8	2.74	19.1	3.25
	31	7.50	1.25	9.35	1.52	11.9	1.94	13.1	2.17	14.3	2.40	16.8	2.92	19.1	3.46
	33	7.50	1.31	9.35	1.61	11.9	2.05	13.1	2.29	14.3	2.55	16.8	3.10	19.1	3.68
	35	7.50	1.38	9.35	1.70	11.9	2.17	13.1	2.43	14.3	2.70	16.8	3.29	19.1	3.91
	37	7.50	1.46	9.35	1.79	11.9	2.30	13.1	2.57	14.3	2.86	16.8	3.49	19.1	4.15
	39	7.50	1.53	9.35	1.89	11.9	2.43	13.1	2.72	14.3	3.03	16.8	3.70	19.1	4.41
50% (125)	10	6.25	0.91	7.79	1.06	9.88	1.26	10.9	1.37	11.9	1.48	14.0	1.72	15.9	1.95
	12	6.25	0.92	7.79	1.07	9.88	1.28	10.9	1.39	11.9	1.50	14.0	1.74	15.9	1.98
	14	6.25	0.93	7.79	1.08	9.88	1.30	10.9	1.41	11.9	1.53	14.0	1.77	15.9	2.02
	16	6.25	0.94	7.79	1.09	9.88	1.32	10.9	1.43	11.9	1.55	14.0	1.80	15.9	2.05
	18	6.25	0.95	7.79	1.11	9.88	1.33	10.9	1.45	11.9	1.57	14.0	1.83	15.9	2.09
	20	6.25	0.96	7.79	1.12	9.88	1.35	10.9	1.47	11.9	1.60	14.0	1.86	15.9	2.13
	21	6.25	0.97	7.79	1.13	9.88	1.36	10.9	1.49	11.9	1.61	14.0	1.88	15.9	2.15
	23	6.25	0.98	7.79	1.14	9.88	1.38	10.9	1.51	11.9	1.64	14.0	1.91	15.9	2.19
	25	6.25	0.99	7.79	1.16	9.88	1.41	10.9	1.53	11.9	1.67	14.0	1.95	15.9	2.28
	27	6.25	1.00	7.79	1.18	9.88	1.44	10.9	1.58	11.9	1.74	14.0	2.07	15.9	2.42
	29	6.25	1.03	7.79	1.22	9.88	1.52	10.9	1.68	11.9	1.84	14.0	2.20	15.9	2.58
	31	6.25	1.08	7.79	1.29	9.88	1.61	10.9	1.77	11.9	1.95	14.0	2.33	15.9	2.74
	33	6.25	1.14	7.79	1.36	9.88	1.70	10.9	1.88	11.9	2.07	14.0	2.47	15.9	2.90
	35	6.25	1.19	7.79	1.43	9.88	1.79	10.9	1.98	11.9	2.19	14.0	2.62	15.9	3.08
	37	6.25	1.25	7.79	1.51	9.88	1.89	10.9	2.10	11.9	2.31	14.0	2.78	15.9	3.27
	39	6.25	1.31	7.79	1.58	9.88	1.99	10.9	2.21	11.9	2.44	14.0	2.94	15.9	3.47

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ12TY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	10	19.4	2.46	24.2	3.11	30.7	4.05	33.9	4.54	37.1	5.04	42.2	5.73	43.3	5.48
	12	19.4	2.51	24.2	3.17	30.7	4.13	33.9	4.63	37.1	5.13	41.6	5.70	42.8	5.45
	14	19.4	2.55	24.2	3.22	30.7	4.21	33.9	4.71	37.1	5.23	41.1	5.67	42.2	5.48
	16	19.4	2.59	24.2	3.28	30.7	4.29	33.9	4.81	37.1	5.33	40.5	5.72	41.7	5.78
	18	19.4	2.64	24.2	3.34	30.7	4.37	33.9	4.90	37.1	5.49	40.0	6.01	41.1	6.07
	20	19.4	2.69	24.2	3.41	30.7	4.48	33.9	5.17	37.1	5.90	39.4	6.30	40.6	6.37
	21	19.4	2.71	24.2	3.44	30.7	4.64	33.9	5.35	37.1	6.12	39.2	6.45	40.3	6.52
	23	19.4	2.76	24.2	3.58	30.7	4.97	33.9	5.74	37.1	6.56	38.6	6.74	39.8	6.82
	25	19.4	2.89	24.2	3.83	30.7	5.32	33.9	6.14	36.9	6.96	38.1	7.04	39.2	7.12
	27	19.4	3.07	24.2	4.08	30.7	5.68	33.9	6.57	36.4	7.25	37.5	7.34	38.7	7.42
	29	19.4	3.27	24.2	4.35	30.7	6.07	33.9	7.02	35.8	7.54	37.0	7.63	38.1	7.72
	31	19.4	3.47	24.2	4.63	30.7	6.47	33.9	7.49	35.3	7.84	36.4	7.93	37.6	8.03
	33	19.4	3.69	24.2	4.93	30.7	6.90	33.9	7.99	34.7	8.13	35.9	8.23	37.0	8.33
	35	19.4	3.91	24.2	5.24	30.7	7.35	33.6	8.38	34.2	8.43	35.4	8.54	36.5	8.64
	37	19.4	4.15	24.2	5.57	30.7	7.83	33.0	8.67	33.6	8.73	34.8	8.84	36.0	8.95
	39	19.4	4.40	24.2	5.92	30.7	8.34	32.5	8.97	33.1	9.03	34.3	9.15	35.4	9.26
120% (360)	10	18.0	2.27	22.4	2.85	28.4	3.70	31.3	4.14	34.2	4.59	40.1	5.51	42.6	5.64
	12	18.0	2.31	22.4	2.90	28.4	3.77	31.3	4.22	34.2	4.68	40.1	5.61	42.1	5.61
	14	18.0	2.35	22.4	2.95	28.4	3.84	31.3	4.30	34.2	4.77	40.1	5.72	41.5	5.58
	16	18.0	2.39	22.4	3.01	28.4	3.91	31.3	4.38	34.2	4.86	39.9	5.79	41.0	5.74
	18	18.0	2.43	22.4	3.06	28.4	3.99	31.3	4.47	34.2	4.96	39.4	5.97	40.4	6.03
	20	18.0	2.47	22.4	3.12	28.4	4.07	31.3	4.60	34.2	5.24	38.8	6.27	39.9	6.33
	21	18.0	2.49	22.4	3.15	28.4	4.15	31.3	4.76	34.2	5.43	38.5	6.41	39.6	6.47
	23	18.0	2.54	22.4	3.23	28.4	4.44	31.3	5.10	34.2	5.82	38.0	6.70	39.1	6.77
	25	18.0	2.62	22.4	3.44	28.4	4.74	31.3	5.46	34.2	6.23	37.5	7.00	38.5	7.07
	27	18.0	2.79	22.4	3.67	28.4	5.07	31.3	5.84	34.2	6.66	36.9	7.29	38.0	7.37
	29	18.0	2.96	22.4	3.91	28.4	5.41	31.3	6.23	34.2	7.12	36.4	7.59	37.4	7.67
	31	18.0	3.14	22.4	4.16	28.4	5.76	31.3	6.65	34.2	7.60	35.8	7.88	36.9	7.97
	33	18.0	3.34	22.4	4.42	28.4	6.14	31.3	7.09	34.2	8.09	35.3	8.18	36.3	8.27
	35	18.0	3.54	22.4	4.70	28.4	6.54	31.3	7.56	33.6	8.38	34.7	8.48	35.8	8.58
	37	18.0	3.75	22.4	4.99	28.4	6.96	31.3	8.05	33.1	8.68	34.2	8.78	35.2	8.88
	39	18.0	3.97	22.4	5.30	28.4	7.41	31.3	8.58	32.6	8.97	33.6	9.08	34.7	9.19
110% (330)	10	16.5	2.09	20.5	2.60	26.0	3.36	28.7	3.75	31.4	4.15	36.7	4.98	41.9	5.80
	12	16.5	2.12	20.5	2.65	26.0	3.42	28.7	3.82	31.4	4.23	36.7	5.07	41.3	5.77
	14	16.5	2.16	20.5	2.69	26.0	3.48	28.7	3.89	31.4	4.31	36.7	5.17	40.8	5.74
	16	16.5	2.19	20.5	2.74	26.0	3.55	28.7	3.97	31.4	4.40	36.7	5.27	40.2	5.71
	18	16.5	2.23	20.5	2.79	26.0	3.62	28.7	4.04	31.4	4.48	36.7	5.41	39.7	5.99
	20	16.5	2.27	20.5	2.84	26.0	3.69	28.7	4.12	31.4	4.62	36.7	5.82	39.2	6.29
	21	16.5	2.29	20.5	2.87	26.0	3.72	28.7	4.21	31.4	4.78	36.7	6.03	38.9	6.43
	23	16.5	2.33	20.5	2.92	26.0	3.94	28.7	4.51	31.4	5.13	36.7	6.46	38.3	6.73
	25	16.5	2.37	20.5	3.08	26.0	4.20	28.7	4.82	31.4	5.48	36.7	6.92	37.8	7.02
	27	16.5	2.52	20.5	3.28	26.0	4.49	28.7	5.15	31.4	5.86	36.3	7.25	37.3	7.32
	29	16.5	2.67	20.5	3.49	26.0	4.78	28.7	5.50	31.4	6.26	35.7	7.54	36.7	7.61
	31	16.5	2.84	20.5	3.71	26.0	5.10	28.7	5.86	31.4	6.68	35.2	7.83	36.2	7.91
	33	16.5	3.01	20.5	3.95	26.0	5.43	28.7	6.24	31.4	7.12	34.7	8.13	35.6	8.21
	35	16.5	3.18	20.5	4.19	26.0	5.78	28.7	6.65	31.4	7.59	34.1	8.42	35.1	8.51
	37	16.5	3.37	20.5	4.45	26.0	6.14	28.7	7.08	31.4	8.09	33.6	8.72	34.5	8.81
	39	16.5	3.57	20.5	4.72	26.0	6.53	28.7	7.54	31.4	8.62	33.0	9.02	34.0	9.12
100% (300)	10	15.0	1.91	18.7	2.36	23.6	3.03	26.1	3.37	28.5	3.73	33.4	4.46	38.1	5.19
	12	15.0	1.94	18.7	2.40	23.6	3.08	26.1	3.43	28.5	3.80	33.4	4.54	38.1	5.29
	14	15.0	1.97	18.7	2.44	23.6	3.13	26.1	3.49	28.5	3.87	33.4	4.63	38.1	5.39
	16	15.0	2.00	18.7	2.48	23.6	3.19	26.1	3.56	28.5	3.94	33.4	4.72	38.1	5.50
	18	15.0	2.03	18.7	2.53	23.6	3.25	26.1	3.63	28.5	4.02	33.4	4.82	38.1	5.71
	20	15.0	2.07	18.7	2.57	23.6	3.31	26.1	3.70	28.5	4.10	33.4	5.05	38.1	6.14
	21	15.0	2.08	18.7	2.60	23.6	3.35	26.1	3.74	28.5	4.18	33.4	5.23	38.1	6.36
	23	15.0	2.12	18.7	2.64	23.6	3.47	26.1	3.95	28.5	4.48	33.4	5.61	37.6	6.68
	25	15.0	2.16	18.7	2.74	23.6	3.70	26.1	4.22	28.5	4.79	33.4	6.00	37.1	6.97
	27	15.0	2.26	18.7	2.92	23.6	3.94	26.1	4.51	28.5	5.11	33.4	6.42	36.5	7.26
	29	15.0	2.40	18.7	3.10	23.6	4.20	26.1	4.81	28.5	5.45	33.4	6.86	36.0	7.56
	31	15.0	2.54	18.7	3.29	23.6	4.47	26.1	5.12	28.5	5.81	33.4	7.32	35.4	7.85
	33	15.0	2.69	18.7	3.50	23.6	4.76	26.1	5.45	28.5	6.20	33.4	7.81	34.9	8.15
	35	15.0	2.85	18.7	3.71	23.6	5.06	26.1	5.80	28.5	6.60	33.4	8.33	34.4	8.45
	37	15.0	3.02	18.7	3.93	23.6	5.38	26.1	6.17	28.5	7.03	32.9	8.66	33.8	8.75
	39	15.0	3.19	18.7	4.17	23.6	5.71	26.1	6.56	28.5	7.48	32.4	8.96	33.3	9.05
90% (270)	10	13.5	1.74	16.8	2.13	21.3	2.70	23.5	3.00	25.7	3.31	30.1	3.95	34.3	4.60
	12	13.5	1.77	16.8	2.16	21.3	2.75	23.5	3.06	25.7	3.37	30.1	4.03	34.3	4.68
	14	13.5	1.79	16.8	2.20	21.3	2.80	23.5	3.11	25.7	3.43	30.1	4.10	34.3	4.77
	16	13.5	1.82	16.8	2.23	21.3	2.85	23.5	3.17	25.7	3.50	30.1	4.18	34.3	4.87
	18	13.5	1.85	16.8	2.27	21.3	2.90	23.5	3.23	25.7	3.57	30.1	4.26	34.3	4.96
	20	13.5	1.87	16.8	2.31	21.3	2.95	23.5	3.29	25.7	3.64	30.1	4.35	34.3	5.25
	21	13.5	1.89	16.8	2.33	21.3	2.98	23.5	3.32	25.7	3.67	30.1	4.50	34.3	5.44
	23	13.5	1.92	16.8	2.37	21.3	3.04	23.5	3.43	25.7	3.87	30.1	4.82	34.3	5.83
	25	13.5	1.95	16.8	2.42	21.3	3.23	23.5	3.67	25.7	4.14	30.1	5.15	34.3	6.24
	27	13.5	2.02	16.8	2.58	21.3	3.44	23.5	3.91	25.7	4.41	30.1	5.50	34.3	6.67
	29	13.5	2.14	16.8	2.74	21.3	3.66	23.5	4.16	25.7	4.70	30.1	5.87	34.3	7.13
	31	13.5	2.27	16.8	2.90	21.3	3.89	23.5	4.43	25.7	5.01	30.1	6.27	34.3	7.61
	33	13.5	2.40	16.8	3.08	21.3	4.14	23.5	4.72	25.7	5.34	30.1	6.68	34.2	8.09
	35	13.5	2.54	16.8	3.26	21.3	4.39	23.5	5.01	25.7	5.68	30.1	7.12	33.6	8.38
	37	13.5	2.68	16.8	3.45	21.3	4.66	23.5	5.33	25.7	6.04	30.1	7.58	33.1	8.68
	39	13.5	2.83	16.8	3.66	21.3	4.95	23.5	5.66	25.7	6.42	30.1	8.07	32.6	8.97

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (240)	10	12.0	1.58	14.9	1.91	18.9	2.40	20.9	2.65	22.8	2.91	26.7	3.46	30.5	4.01
	12	12.0	1.60	14.9	1.94	18.9	2.43	20.9	2.70	22.8	2.97	26.7	3.52	30.5	4.09
	14	12.0	1.62	14.9	1.97	18.9	2.48	20.9	2.74	22.8	3.02	26.7	3.59	30.5	4.17
	16	12.0	1.64	14.9	2.00	18.9	2.52	20.9	2.79	22.8	3.07	26.7	3.66	30.5	4.25
	18	12.0	1.67	14.9	2.03	18.9	2.56	20.9	2.84	22.8	3.13	26.7	3.73	30.5	4.33
	20	12.0	1.69	14.9	2.06	18.9	2.61	20.9	2.89	22.8	3.19	26.7	3.80	30.5	4.43
	21	12.0	1.70	14.9	2.08	18.9	2.63	20.9	2.92	22.8	3.22	26.7	3.84	30.5	4.59
	23	12.0	1.73	14.9	2.11	18.9	2.68	20.9	2.98	22.8	3.31	26.7	4.09	30.5	4.91
	25	12.0	1.76	14.9	2.15	18.9	2.79	20.9	3.15	22.8	3.53	26.7	4.37	30.5	5.25
	27	12.0	1.80	14.9	2.26	18.9	2.97	20.9	3.35	22.8	3.77	26.7	4.66	30.5	5.61
	29	12.0	1.90	14.9	2.39	18.9	3.16	20.9	3.57	22.8	4.01	26.7	4.97	30.5	5.99
	31	12.0	2.01	14.9	2.54	18.9	3.35	20.9	3.80	22.8	4.27	26.7	5.30	30.5	6.39
	33	12.0	2.12	14.9	2.69	18.9	3.56	20.9	4.03	22.8	4.54	26.7	5.64	30.5	6.82
	35	12.0	2.24	14.9	2.84	18.9	3.77	20.9	4.28	22.8	4.83	26.7	6.00	30.5	7.26
	37	12.0	2.37	14.9	3.01	18.9	4.00	20.9	4.55	22.8	5.13	26.7	6.39	30.5	7.74
	39	12.0	2.50	14.9	3.18	18.9	4.24	20.9	4.83	22.8	5.45	26.7	6.79	30.5	8.24
70% (210)	10	10.5	1.42	13.1	1.70	16.5	2.10	18.3	2.31	20.0	2.53	23.4	2.99	26.7	3.45
	12	10.5	1.44	13.1	1.72	16.5	2.13	18.3	2.35	20.0	2.58	23.4	3.04	26.7	3.52
	14	10.5	1.46	13.1	1.74	16.5	2.17	18.3	2.39	20.0	2.62	23.4	3.10	26.7	3.58
	16	10.5	1.47	13.1	1.77	16.5	2.20	18.3	2.43	20.0	2.67	23.4	3.15	26.7	3.65
	18	10.5	1.49	13.1	1.80	16.5	2.24	18.3	2.47	20.0	2.71	23.4	3.21	26.7	3.72
	20	10.5	1.51	13.1	1.82	16.5	2.28	18.3	2.52	20.0	2.76	23.4	3.27	26.7	3.79
	21	10.5	1.53	13.1	1.84	16.5	2.30	18.3	2.54	20.0	2.79	23.4	3.31	26.7	3.83
	23	10.5	1.55	13.1	1.87	16.5	2.34	18.3	2.59	20.0	2.84	23.4	3.42	26.7	4.07
	25	10.5	1.57	13.1	1.90	16.5	2.38	18.3	2.67	20.0	2.98	23.4	3.65	26.7	4.35
	27	10.5	1.59	13.1	1.96	16.5	2.53	18.3	2.84	20.0	3.18	23.4	3.89	26.7	4.65
	29	10.5	1.67	13.1	2.07	16.5	2.69	18.3	3.02	20.0	3.38	23.4	4.14	26.7	4.95
	31	10.5	1.77	13.1	2.20	16.5	2.85	18.3	3.21	20.0	3.59	23.4	4.41	26.7	5.28
	33	10.5	1.86	13.1	2.32	16.5	3.03	18.3	3.41	20.0	3.81	23.4	4.69	26.7	5.62
	35	10.5	1.97	13.1	2.45	16.5	3.21	18.3	3.61	20.0	4.05	23.4	4.98	26.7	5.98
	37	10.5	2.07	13.1	2.59	16.5	3.39	18.3	3.83	20.0	4.30	23.4	5.30	26.7	6.37
	39	10.5	2.18	13.1	2.74	16.5	3.59	18.3	4.06	20.0	4.56	23.4	5.63	26.7	6.77
60% (180)	10	8.98	1.27	11.2	1.49	14.2	1.82	15.7	1.99	17.1	2.17	20.0	2.54	22.9	2.92
	12	8.98	1.28	11.2	1.51	14.2	1.85	15.7	2.02	17.1	2.21	20.0	2.58	22.9	2.97
	14	8.98	1.30	11.2	1.53	14.2	1.88	15.7	2.06	17.1	2.24	20.0	2.63	22.9	3.02
	16	8.98	1.31	11.2	1.55	14.2	1.91	15.7	2.09	17.1	2.28	20.0	2.67	22.9	3.08
	18	8.98	1.33	11.2	1.58	14.2	1.94	15.7	2.12	17.1	2.32	20.0	2.72	22.9	3.13
	20	8.98	1.35	11.2	1.60	14.2	1.97	15.7	2.16	17.1	2.36	20.0	2.77	22.9	3.19
	21	8.98	1.36	11.2	1.61	14.2	1.98	15.7	2.18	17.1	2.38	20.0	2.80	22.9	3.22
	23	8.98	1.37	11.2	1.63	14.2	2.02	15.7	2.21	17.1	2.42	20.0	2.85	22.9	3.32
	25	8.98	1.39	11.2	1.66	14.2	2.05	15.7	2.25	17.1	2.48	20.0	2.99	22.9	3.54
	27	8.98	1.41	11.2	1.68	14.2	2.14	15.7	2.38	17.1	2.64	20.0	3.19	22.9	3.77
	29	8.98	1.46	11.2	1.78	14.2	2.26	15.7	2.52	17.1	2.80	20.0	3.39	22.9	4.02
	31	8.98	1.54	11.2	1.88	14.2	2.40	15.7	2.68	17.1	2.97	20.0	3.60	22.9	4.28
	33	8.98	1.62	11.2	1.99	14.2	2.54	15.7	2.84	17.1	3.15	20.0	3.83	22.9	4.55
	35	8.98	1.71	11.2	2.10	14.2	2.68	15.7	3.00	17.1	3.34	20.0	4.06	22.9	4.83
	37	8.98	1.80	11.2	2.21	14.2	2.84	15.7	3.18	17.1	3.54	20.0	4.31	22.9	5.14
	39	8.98	1.89	11.2	2.33	14.2	3.00	15.7	3.36	17.1	3.75	20.0	4.57	22.9	5.45
50% (150)	10	7.48	1.13	9.33	1.30	11.8	1.56	13.0	1.69	14.3	1.83	16.7	2.12	19.0	2.41
	12	7.48	1.14	9.33	1.32	11.8	1.58	13.0	1.72	14.3	1.86	16.7	2.15	19.0	2.45
	14	7.48	1.15	9.33	1.34	11.8	1.60	13.0	1.74	14.3	1.89	16.7	2.19	19.0	2.49
	16	7.48	1.16	9.33	1.35	11.8	1.63	13.0	1.77	14.3	1.92	16.7	2.22	19.0	2.54
	18	7.48	1.18	9.33	1.37	11.8	1.65	13.0	1.79	14.3	1.95	16.7	2.26	19.0	2.58
	20	7.48	1.19	9.33	1.39	11.8	1.67	13.0	1.82	14.3	1.98	16.7	2.30	19.0	2.63
	21	7.48	1.20	9.33	1.39	11.8	1.69	13.0	1.84	14.3	1.99	16.7	2.32	19.0	2.65
	23	7.48	1.21	9.33	1.41	11.8	1.71	13.0	1.87	14.3	2.03	16.7	2.36	19.0	2.70
	25	7.48	1.22	9.33	1.43	11.8	1.74	13.0	1.90	14.3	2.06	16.7	2.41	19.0	2.81
	27	7.48	1.24	9.33	1.45	11.8	1.77	13.0	1.96	14.3	2.15	16.7	2.56	19.0	2.99
	29	7.48	1.27	9.33	1.51	11.8	1.88	13.0	2.07	14.3	2.28	16.7	2.72	19.0	3.18
	31	7.48	1.33	9.33	1.59	11.8	1.98	13.0	2.19	14.3	2.41	16.7	2.88	19.0	3.38
	33	7.48	1.40	9.33	1.68	11.8	2.10	13.0	2.32	14.3	2.56	16.7	3.06	19.0	3.59
	35	7.48	1.47	9.33	1.77	11.8	2.21	13.0	2.45	14.3	2.70	16.7	3.24	19.0	3.81
	37	7.48	1.55	9.33	1.86	11.8	2.34	13.0	2.59	14.3	2.86	16.7	3.43	19.0	4.04
	39	7.48	1.62	9.33	1.96	11.8	2.46	13.0	2.73	14.3	3.02	16.7	3.63	19.0	4.28

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ14TY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (455)	10	23.2	2.93	29.0	3.69	36.7	4.82	40.5	5.39	44.3	5.98	50.4	6.81	51.7	6.51
	12	23.2	2.98	29.0	3.76	36.7	4.91	40.5	5.49	44.3	6.10	49.7	6.78	51.1	6.47
	14	23.2	3.03	29.0	3.83	36.7	5.00	40.5	5.60	44.3	6.21	49.0	6.74	50.4	6.51
	16	23.2	3.08	29.0	3.90	36.7	5.09	40.5	5.71	44.3	6.34	48.4	6.79	49.8	6.86
	18	23.2	3.13	29.0	3.97	36.7	5.20	40.5	5.82	44.3	6.52	47.7	7.14	49.1	7.21
	20	23.2	3.19	29.0	4.05	36.7	5.32	40.5	6.14	44.3	7.01	47.1	7.49	48.5	7.57
	21	23.2	3.22	29.0	4.09	36.7	5.51	40.5	6.36	44.3	7.27	46.8	7.66	48.1	7.74
	23	23.2	3.28	29.0	4.26	36.7	5.90	40.5	6.81	44.3	7.79	46.1	8.01	47.5	8.10
	25	23.2	3.43	29.0	4.55	36.7	6.32	40.5	7.29	44.1	8.27	45.5	8.36	46.8	8.46
	27	23.2	3.65	29.0	4.85	36.7	6.75	40.5	7.80	43.4	8.61	44.8	8.72	46.2	8.81
	29	23.2	3.88	29.0	5.17	36.7	7.21	40.5	8.34	42.8	8.96	44.2	9.07	45.5	9.17
	31	23.2	4.12	29.0	5.50	36.7	7.69	40.5	8.90	42.1	9.31	43.5	9.42	44.9	9.54
	33	23.2	4.38	29.0	5.85	36.7	8.20	40.5	9.50	41.5	9.66	42.9	9.78	44.2	9.90
	35	23.2	4.65	29.0	6.22	36.7	8.74	40.1	9.95	40.8	10.0	42.2	10.1	43.6	10.3
	37	23.2	4.93	29.0	6.62	36.7	9.31	39.4	10.3	40.2	10.4	41.6	10.5	42.9	10.6
	39	23.2	5.23	29.0	7.03	36.7	9.91	38.8	10.7	39.5	10.7	40.9	10.9	42.3	11.0
120% (420)	10	21.4	2.70	26.7	3.39	33.9	4.40	37.4	4.92	40.9	5.45	47.9	6.54	50.9	6.70
	12	21.4	2.75	26.7	3.45	33.9	4.48	37.4	5.01	40.9	5.56	47.9	6.67	50.2	6.66
	14	21.4	2.79	26.7	3.51	33.9	4.56	37.4	5.11	40.9	5.66	47.9	6.80	49.6	6.63
	16	21.4	2.84	26.7	3.57	33.9	4.65	37.4	5.20	40.9	5.77	47.7	6.87	48.9	6.82
	18	21.4	2.89	26.7	3.64	33.9	4.74	37.4	5.31	40.9	5.89	47.0	7.10	48.3	7.17
	20	21.4	2.94	26.7	3.71	33.9	4.83	37.4	5.47	40.9	6.23	46.4	7.44	47.6	7.52
	21	21.4	2.96	26.7	3.74	33.9	4.93	37.4	5.66	40.9	6.45	46.0	7.62	47.3	7.69
	23	21.4	3.02	26.7	3.84	33.9	5.27	37.4	6.06	40.9	6.91	45.4	7.96	46.6	8.04
	25	21.4	3.11	26.7	4.09	33.9	5.64	37.4	6.49	40.9	7.40	44.7	8.31	46.0	8.40
	27	21.4	3.31	26.7	4.36	33.9	6.02	37.4	6.93	40.9	7.92	44.1	8.66	45.3	8.75
	29	21.4	3.52	26.7	4.64	33.9	6.42	37.4	7.40	40.9	8.46	43.4	9.01	44.7	9.11
	31	21.4	3.74	26.7	4.94	33.9	6.85	37.4	7.90	40.9	9.03	42.8	9.36	44.0	9.47
	33	21.4	3.96	26.7	5.25	33.9	7.30	37.4	8.42	40.8	9.61	42.1	9.72	43.4	9.83
	35	21.4	4.20	26.7	5.58	33.9	7.77	37.4	8.98	40.2	9.96	41.5	10.1	42.7	10.2
	37	21.4	4.46	26.7	5.93	33.9	8.27	37.4	9.57	39.5	10.3	40.8	10.4	42.1	10.6
	39	21.4	4.72	26.7	6.30	33.9	8.80	37.4	10.2	38.9	10.7	40.2	10.8	41.4	10.9
110% (385)	10	19.6	2.48	24.5	3.09	31.0	3.99	34.3	4.45	37.5	4.94	43.9	5.92	50.0	6.88
	12	19.6	2.52	24.5	3.15	31.0	4.06	34.3	4.54	37.5	5.03	43.9	6.03	49.4	6.85
	14	19.6	2.56	24.5	3.20	31.0	4.14	34.3	4.62	37.5	5.12	43.9	6.14	48.7	6.82
	16	19.6	2.60	24.5	3.26	31.0	4.21	34.3	4.71	37.5	5.22	43.9	6.26	48.1	6.78
	18	19.6	2.65	24.5	3.31	31.0	4.30	34.3	4.80	37.5	5.33	43.9	6.43	47.4	7.12
	20	19.6	2.69	24.5	3.38	31.0	4.38	34.3	4.90	37.5	5.49	43.9	6.91	46.8	7.47
	21	19.6	2.72	24.5	3.41	31.0	4.42	34.3	5.01	37.5	5.68	43.9	7.16	46.4	7.64
	23	19.6	2.76	24.5	3.47	31.0	4.68	34.3	5.36	37.5	6.09	43.9	7.68	45.8	7.99
	25	19.6	2.81	24.5	3.66	31.0	5.00	34.3	5.73	37.5	6.51	43.9	8.22	45.1	8.34
	27	19.6	2.99	24.5	3.90	31.0	5.33	34.3	6.12	37.5	6.96	43.3	8.61	44.5	8.69
	29	19.6	3.18	24.5	4.15	31.0	5.68	34.3	6.53	37.5	7.44	42.7	8.95	43.8	9.04
	31	19.6	3.37	24.5	4.41	31.0	6.06	34.3	6.96	37.5	7.93	42.0	9.30	43.2	9.40
	33	19.6	3.57	24.5	4.69	31.0	6.45	34.3	7.42	37.5	8.46	41.4	9.65	42.5	9.75
	35	19.6	3.78	24.5	4.98	31.0	6.86	34.3	7.90	37.5	9.02	40.7	10.0	41.9	10.1
	37	19.6	4.01	24.5	5.28	31.0	7.30	34.3	8.41	37.5	9.61	40.1	10.4	41.2	10.5
	39	19.6	4.24	24.5	5.61	31.0	7.76	34.3	8.95	37.5	10.2	39.4	10.7	40.6	10.8
100% (350)	10	17.9	2.27	22.3	2.81	28.2	3.59	31.1	4.00	34.1	4.43	39.9	5.30	45.5	6.17
	12	17.9	2.31	22.3	2.85	28.2	3.66	31.1	4.08	34.1	4.51	39.9	5.40	45.5	6.29
	14	17.9	2.34	22.3	2.90	28.2	3.72	31.1	4.15	34.1	4.59	39.9	5.50	45.5	6.41
	16	17.9	2.38	22.3	2.95	28.2	3.79	31.1	4.23	34.1	4.68	39.9	5.61	45.5	6.53
	18	17.9	2.42	22.3	3.00	28.2	3.86	31.1	4.31	34.1	4.77	39.9	5.72	45.5	6.79
	20	17.9	2.46	22.3	3.06	28.2	3.94	31.1	4.40	34.1	4.87	39.9	6.00	45.5	7.30
	21	17.9	2.48	22.3	3.08	28.2	3.98	31.1	4.44	34.1	4.97	39.9	6.22	45.5	7.56
	23	17.9	2.52	22.3	3.14	28.2	4.12	31.1	4.70	34.1	5.32	39.9	6.66	44.9	7.93
	25	17.9	2.56	22.3	3.26	28.2	4.39	31.1	5.02	34.1	5.68	39.9	7.13	44.3	8.28
	27	17.9	2.69	22.3	3.47	28.2	4.69	31.1	5.35	34.1	6.07	39.9	7.63	43.6	8.63
	29	17.9	2.85	22.3	3.69	28.2	4.99	31.1	5.71	34.1	6.48	39.9	8.15	43.0	8.98
	31	17.9	3.02	22.3	3.91	28.2	5.31	31.1	6.08	34.1	6.91	39.9	8.70	42.3	9.33
	33	17.9	3.20	22.3	4.15	28.2	5.65	31.1	6.48	34.1	7.36	39.9	9.28	41.7	9.68
	35	17.9	3.39	22.3	4.41	28.2	6.01	31.1	6.89	34.1	7.84	39.9	9.90	41.0	10.0
	37	17.9	3.58	22.3	4.67	28.2	6.39	31.1	7.33	34.1	8.35	39.3	10.3	40.4	10.4
	39	17.9	3.79	22.3	4.95	28.2	6.79	31.1	7.80	34.1	8.88	38.7	10.6	39.7	10.7
90% (315)	10	16.1	2.07	20.0	2.53	25.4	3.21	28.0	3.57	30.7	3.94	35.9	4.70	40.9	5.46
	12	16.1	2.10	20.0	2.57	25.4	3.27	28.0	3.63	30.7	4.01	35.9	4.78	40.9	5.56
	14	16.1	2.13	20.0	2.61	25.4	3.32	28.0	3.70	30.7	4.08	35.9	4.87	40.9	5.67
	16	16.1	2.16	20.0	2.65	25.4	3.38	28.0	3.76	30.7	4.16	35.9	4.97	40.9	5.78
	18	16.1	2.19	20.0	2.70	25.4	3.45	28.0	3.83	30.7	4.24	35.9	5.07	40.9	5.90
	20	16.1	2.23	20.0	2.75	25.4	3.51	28.0	3.91	30.7	4.32	35.9	5.17	40.9	6.24
	21	16.1	2.24	20.0	2.77	25.4	3.54	28.0	3.95	30.7	4.36	35.9	5.34	40.9	6.46
	23	16.1	2.28	20.0	2.82	25.4	3.61	28.0	4.08	30.7	4.60	35.9	5.72	40.9	6.92
	25	16.1	2.32	20.0	2.88	25.4	3.83	28.0	4.36	30.7	4.91	35.9	6.12	40.9	7.41
	27	16.1	2.40	20.0	3.06	25.4	4.08	28.0	4.64	30.7	5.24	35.9	6.54	40.9	7.93
	29	16.1	2.54	20.0	3.25	25.4	4.35	28.0	4.95	30.7	5.59	35.9	6.98	40.9	8.47
	31	16.1	2.69	20.0	3.45	25.4	4.62	28.0	5.27	30.7	5.95	35.9	7.44	40.9	9.05
	33	16.1	2.85	20.0	3.66	25.4	4.91	28.0	5.60	30.7	6.34	35.9	7.94	40.8	9.61
	35	16.1	3.01	20.0	3.87	25.4	5.22	28.0	5.96	30.7	6.74	35.9	8.46	40.2	9.96
	37	16.1	3.18	20.0	4.10	25.4	5.54	28.0	6.33	30.7	7.17	35.9	9.01	39.5	10.3
	39	16.1	3.36	20.0	4.34	25.4	5.88	28.0	6.72	30.7	7.63	35.9	9.59	38.9	10.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (280)	10	14.3	1.87	17.8	2.27	22.6	2.85	24.9	3.15	27.3	3.46	31.9	4.11	36.4	4.77
	12	14.3	1.90	17.8	2.30	22.6	2.89	24.9	3.20	27.3	3.52	31.9	4.19	36.4	4.86
	14	14.3	1.92	17.8	2.34	22.6	2.94	24.9	3.26	27.3	3.59	31.9	4.26	36.4	4.95
	16	14.3	1.95	17.8	2.37	22.6	2.99	24.9	3.32	27.3	3.65	31.9	4.35	36.4	5.05
	18	14.3	1.98	17.8	2.41	22.6	3.04	24.9	3.38	27.3	3.72	31.9	4.43	36.4	5.15
	20	14.3	2.01	17.8	2.45	22.6	3.10	24.9	3.44	27.3	3.79	31.9	4.52	36.4	5.26
	21	14.3	2.02	17.8	2.47	22.6	3.13	24.9	3.47	27.3	3.83	31.9	4.56	36.4	5.45
	23	14.3	2.05	17.8	2.51	22.6	3.19	24.9	3.54	27.3	3.94	31.9	4.85	36.4	5.83
	25	14.3	2.09	17.8	2.56	22.6	3.31	24.9	3.74	27.3	4.20	31.9	5.19	36.4	6.24
	27	14.3	2.13	17.8	2.68	22.6	3.53	24.9	3.99	27.3	4.48	31.9	5.54	36.4	6.67
	29	14.3	2.26	17.8	2.84	22.6	3.75	24.9	4.24	27.3	4.77	31.9	5.90	36.4	7.12
	31	14.3	2.39	17.8	3.01	22.6	3.98	24.9	4.51	27.3	5.07	31.9	6.29	36.4	7.59
	33	14.3	2.52	17.8	3.19	22.6	4.23	24.9	4.79	27.3	5.40	31.9	6.70	36.4	8.10
	35	14.3	2.66	17.8	3.38	22.6	4.48	24.9	5.09	27.3	5.73	31.9	7.13	36.4	8.63
	37	14.3	2.81	17.8	3.57	22.6	4.76	24.9	5.40	27.3	6.09	31.9	7.59	36.4	9.19
	39	14.3	2.96	17.8	3.78	22.6	5.04	24.9	5.73	27.3	6.47	31.9	8.07	36.4	9.79
70% (245)	10	12.5	1.69	15.6	2.01	19.8	2.50	21.8	2.75	23.9	3.01	27.9	3.55	31.8	4.10
	12	12.5	1.71	15.6	2.04	19.8	2.54	21.8	2.79	23.9	3.06	27.9	3.61	31.8	4.18
	14	12.5	1.73	15.6	2.07	19.8	2.58	21.8	2.84	23.9	3.11	27.9	3.68	31.8	4.25
	16	12.5	1.75	15.6	2.10	19.8	2.62	21.8	2.89	23.9	3.17	27.9	3.75	31.8	4.33
	18	12.5	1.78	15.6	2.13	19.8	2.66	21.8	2.94	23.9	3.22	27.9	3.82	31.8	4.42
	20	12.5	1.80	15.6	2.17	19.8	2.71	21.8	2.99	23.9	3.28	27.9	3.89	31.8	4.51
	21	12.5	1.81	15.6	2.18	19.8	2.73	21.8	3.02	23.9	3.31	27.9	3.93	31.8	4.55
	23	12.5	1.84	15.6	2.22	19.8	2.78	21.8	3.07	23.9	3.38	27.9	4.06	31.8	4.84
	25	12.5	1.86	15.6	2.26	19.8	2.83	21.8	3.18	23.9	3.54	27.9	4.33	31.8	5.17
	27	12.5	1.89	15.6	2.33	19.8	3.01	21.8	3.38	23.9	3.77	27.9	4.62	31.8	5.52
	29	12.5	1.99	15.6	2.46	19.8	3.20	21.8	3.59	23.9	4.01	27.9	4.92	31.8	5.89
	31	12.5	2.10	15.6	2.61	19.8	3.39	21.8	3.81	23.9	4.27	27.9	5.24	31.8	6.27
	33	12.5	2.22	15.6	2.76	19.8	3.59	21.8	4.05	23.9	4.53	27.9	5.57	31.8	6.68
	35	12.5	2.34	15.6	2.92	19.8	3.81	21.8	4.29	23.9	4.81	27.9	5.92	31.8	7.11
	37	12.5	2.46	15.6	3.08	19.8	4.03	21.8	4.55	23.9	5.10	27.9	6.29	31.8	7.56
	39	12.5	2.59	15.6	3.25	19.8	4.27	21.8	4.82	23.9	5.41	27.9	6.69	31.8	8.05
60% (210)	10	10.7	1.51	13.4	1.78	16.9	2.17	18.7	2.37	20.4	2.58	23.9	3.02	27.3	3.47
	12	10.7	1.53	13.4	1.80	16.9	2.20	18.7	2.40	20.4	2.62	23.9	3.07	27.3	3.53
	14	10.7	1.54	13.4	1.82	16.9	2.23	18.7	2.44	20.4	2.66	23.9	3.12	27.3	3.59
	16	10.7	1.56	13.4	1.85	16.9	2.26	18.7	2.48	20.4	2.71	23.9	3.18	27.3	3.65
	18	10.7	1.58	13.4	1.87	16.9	2.30	18.7	2.52	20.4	2.75	23.9	3.23	27.3	3.72
	20	10.7	1.60	13.4	1.90	16.9	2.34	18.7	2.56	20.4	2.80	23.9	3.29	27.3	3.79
	21	10.7	1.61	13.4	1.91	16.9	2.35	18.7	2.59	20.4	2.83	23.9	3.32	27.3	3.83
	23	10.7	1.63	13.4	1.94	16.9	2.39	18.7	2.63	20.4	2.88	23.9	3.39	27.3	3.94
	25	10.7	1.65	13.4	1.97	16.9	2.43	18.7	2.68	20.4	2.95	23.9	3.56	27.3	4.20
	27	10.7	1.68	13.4	2.00	16.9	2.54	18.7	2.83	20.4	3.13	23.9	3.79	27.3	4.48
	29	10.7	1.74	13.4	2.12	16.9	2.69	18.7	3.00	20.4	3.33	23.9	4.03	27.3	4.77
	31	10.7	1.83	13.4	2.23	16.9	2.85	18.7	3.18	20.4	3.53	23.9	4.28	27.3	5.08
	33	10.7	1.93	13.4	2.36	16.9	3.02	18.7	3.37	20.4	3.74	23.9	4.55	27.3	5.40
	35	10.7	2.03	13.4	2.49	16.9	3.19	18.7	3.57	20.4	3.97	23.9	4.83	27.3	5.74
	37	10.7	2.14	13.4	2.63	16.9	3.37	18.7	3.78	20.4	4.20	23.9	5.12	27.3	6.10
	39	10.7	2.25	13.4	2.77	16.9	3.56	18.7	3.99	20.4	4.45	23.9	5.43	27.3	6.48
50% (175)	10	8.93	1.34	11.1	1.55	14.1	1.85	15.6	2.01	17.0	2.18	19.9	2.52	22.7	2.87
	12	8.93	1.35	11.1	1.57	14.1	1.88	15.6	2.04	17.0	2.21	19.9	2.56	22.7	2.91
	14	8.93	1.37	11.1	1.59	14.1	1.90	15.6	2.07	17.0	2.24	19.9	2.60	22.7	2.96
	16	8.93	1.38	11.1	1.61	14.1	1.93	15.6	2.10	17.0	2.28	19.9	2.64	22.7	3.01
	18	8.93	1.40	11.1	1.63	14.1	1.96	15.6	2.13	17.0	2.31	19.9	2.69	22.7	3.07
	20	8.93	1.41	11.1	1.65	14.1	1.99	15.6	2.16	17.0	2.35	19.9	2.73	22.7	3.12
	21	8.93	1.42	11.1	1.66	14.1	2.00	15.6	2.18	17.0	2.37	19.9	2.76	22.7	3.15
	23	8.93	1.44	11.1	1.68	14.1	2.03	15.6	2.22	17.0	2.41	19.9	2.80	22.7	3.21
	25	8.93	1.45	11.1	1.70	14.1	2.06	15.6	2.25	17.0	2.45	19.9	2.86	22.7	3.34
	27	8.93	1.47	11.1	1.73	14.1	2.11	15.6	2.32	17.0	2.55	19.9	3.04	22.7	3.56
	29	8.93	1.51	11.1	1.79	14.1	2.23	15.6	2.46	17.0	2.71	19.9	3.23	22.7	3.78
	31	8.93	1.58	11.1	1.89	14.1	2.36	15.6	2.61	17.0	2.87	19.9	3.43	22.7	4.02
	33	8.93	1.67	11.1	1.99	14.1	2.49	15.6	2.76	17.0	3.04	19.9	3.63	22.7	4.26
	35	8.93	1.75	11.1	2.10	14.1	2.63	15.6	2.91	17.0	3.21	19.9	3.85	22.7	4.52
	37	8.93	1.84	11.1	2.21	14.1	2.77	15.6	3.08	17.0	3.40	19.9	4.08	22.7	4.80
	39	8.93	1.93	11.1	2.33	14.1	2.93	15.6	3.25	17.0	3.59	19.9	4.32	22.7	5.09

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ16TY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	10	26.1	3.49	32.6	4.41	41.3	5.74	45.6	6.43	49.8	7.14	56.6	8.12	58.2	7.77
	12	26.1	3.55	32.6	4.48	41.3	5.85	45.6	6.55	49.8	7.27	55.9	8.08	57.4	7.72
	14	26.1	3.61	32.6	4.57	41.3	5.96	45.6	6.68	49.8	7.41	55.2	8.04	56.7	7.77
	16	26.1	3.67	32.6	4.65	41.3	6.08	45.6	6.81	49.8	7.56	54.4	8.10	56.0	8.18
	18	26.1	3.74	32.6	4.74	41.3	6.20	45.6	6.94	49.8	7.78	53.7	8.51	55.2	8.60
	20	26.1	3.81	32.6	4.83	41.3	6.35	45.6	7.32	49.8	8.36	53.0	8.93	54.5	9.02
	21	26.1	3.84	32.6	4.88	41.3	6.57	45.6	7.58	49.8	8.67	52.6	9.14	54.2	9.24
	23	26.1	3.91	32.6	5.08	41.3	7.04	45.6	8.13	49.8	9.29	51.9	9.55	53.4	9.66
	25	26.1	4.09	32.6	5.42	41.3	7.53	45.6	8.70	49.6	9.86	51.2	9.97	52.7	10.1
	27	26.1	4.35	32.6	5.78	41.3	8.05	45.6	9.30	48.8	10.3	50.4	10.4	52.0	10.5
	29	26.1	4.63	32.6	6.16	41.3	8.59	45.6	9.94	48.1	10.7	49.7	10.8	51.2	10.9
	31	26.1	4.92	32.6	6.56	41.3	9.17	45.6	10.6	47.4	11.1	49.0	11.2	50.5	11.4
	33	26.1	5.22	32.6	6.98	41.3	9.78	45.6	11.3	46.6	11.5	48.2	11.7	49.8	11.8
	35	26.1	5.54	32.6	7.42	41.3	10.4	45.1	11.9	45.9	11.9	47.5	12.1	49.0	12.2
	37	26.1	5.88	32.6	7.89	41.3	11.1	44.4	12.3	45.2	12.4	46.8	12.5	48.3	12.7
	39	26.1	6.23	32.6	8.39	41.3	11.8	43.6	12.7	44.4	12.8	46.0	13.0	47.6	13.1
120% (480)	10	24.1	3.22	30.1	4.04	38.1	5.24	42.0	5.87	46.0	6.51	53.8	7.81	57.2	7.99
	12	24.1	3.27	30.1	4.11	38.1	5.34	42.0	5.98	46.0	6.63	53.8	7.95	56.5	7.95
	14	24.1	3.33	30.1	4.19	38.1	5.44	42.0	6.09	46.0	6.76	53.8	8.10	55.8	7.90
	16	24.1	3.38	30.1	4.26	38.1	5.55	42.0	6.21	46.0	6.89	53.6	8.20	55.0	8.13
	18	24.1	3.44	30.1	4.34	38.1	5.65	42.0	6.33	46.0	7.02	52.9	8.47	54.3	8.55
	20	24.1	3.50	30.1	4.42	38.1	5.77	42.0	6.52	46.0	7.43	52.1	8.88	53.6	8.96
	21	24.1	3.53	30.1	4.46	38.1	5.87	42.0	6.75	46.0	7.69	51.8	9.08	53.2	9.17
	23	24.1	3.60	30.1	4.57	38.1	6.29	42.0	7.23	46.0	8.25	51.0	9.50	52.5	9.59
	25	24.1	3.71	30.1	4.88	38.1	6.72	42.0	7.74	46.0	8.83	50.3	9.91	51.7	10.0
	27	24.1	3.95	30.1	5.20	38.1	7.18	42.0	8.27	46.0	9.44	49.6	10.3	51.0	10.4
	29	24.1	4.20	30.1	5.54	38.1	7.66	42.0	8.83	46.0	10.1	48.9	10.7	50.3	10.9
	31	24.1	4.46	30.1	5.89	38.1	8.17	42.0	9.42	46.0	10.8	48.1	11.2	49.5	11.3
	33	24.1	4.73	30.1	6.27	38.1	8.70	42.0	10.0	45.9	11.5	47.4	11.6	48.8	11.7
	35	24.1	5.01	30.1	6.66	38.1	9.27	42.0	10.7	45.2	11.9	46.7	12.0	48.1	12.2
	37	24.1	5.31	30.1	7.07	38.1	9.86	42.0	11.4	44.5	12.3	45.9	12.4	47.3	12.6
	39	24.1	5.63	30.1	7.51	38.1	10.5	42.0	12.2	43.7	12.7	45.2	12.9	46.6	13.0
110% (440)	10	22.1	2.96	27.6	3.69	34.9	4.76	38.5	5.31	42.2	5.89	49.4	7.06	56.3	8.21
	12	22.1	3.01	27.6	3.75	34.9	4.84	38.5	5.41	42.2	6.00	49.4	7.19	55.5	8.17
	14	22.1	3.06	27.6	3.82	34.9	4.93	38.5	5.51	42.2	6.11	49.4	7.33	54.8	8.13
	16	22.1	3.11	27.6	3.88	34.9	5.03	38.5	5.62	42.2	6.23	49.4	7.47	54.1	8.09
	18	22.1	3.16	27.6	3.95	34.9	5.12	38.5	5.73	42.2	6.35	49.4	7.67	53.3	8.49
	20	22.1	3.21	27.6	4.03	34.9	5.22	38.5	5.84	42.2	6.55	49.4	8.24	52.6	8.91
	21	22.1	3.24	27.6	4.06	34.9	5.27	38.5	5.97	42.2	6.78	49.4	8.54	52.2	9.11
	23	22.1	3.30	27.6	4.14	34.9	5.58	38.5	6.39	42.2	7.26	49.4	9.16	51.5	9.53
	25	22.1	3.36	27.6	4.37	34.9	5.96	38.5	6.83	42.2	7.77	49.4	9.81	50.8	9.95
	27	22.1	3.57	27.6	4.65	34.9	6.36	38.5	7.30	42.2	8.30	48.7	10.3	50.0	10.4
	29	22.1	3.79	27.6	4.95	34.9	6.78	38.5	7.79	42.2	8.87	48.0	10.7	49.3	10.8
	31	22.1	4.02	27.6	5.26	34.9	7.22	38.5	8.30	42.2	9.46	47.3	11.1	48.6	11.2
	33	22.1	4.26	27.6	5.59	34.9	7.69	38.5	8.85	42.2	10.1	46.5	11.5	47.8	11.6
	35	22.1	4.51	27.6	5.94	34.9	8.18	38.5	9.42	42.2	10.8	45.8	11.9	47.1	12.1
	37	22.1	4.78	27.6	6.30	34.9	8.70	38.5	10.0	42.2	11.5	45.1	12.4	46.4	12.5
	39	22.1	5.06	27.6	6.68	34.9	9.26	38.5	10.7	42.2	12.2	44.4	12.8	45.6	12.9
100% (400)	10	20.1	2.71	25.1	3.35	31.8	4.29	35.0	4.78	38.3	5.28	44.9	6.32	51.2	7.36
	12	20.1	2.75	25.1	3.40	31.8	4.36	35.0	4.86	38.3	5.38	44.9	6.44	51.2	7.50
	14	20.1	2.79	25.1	3.46	31.8	4.44	35.0	4.95	38.3	5.48	44.9	6.56	51.2	7.64
	16	20.1	2.84	25.1	3.52	31.8	4.52	35.0	5.04	38.3	5.58	44.9	6.69	51.2	7.79
	18	20.1	2.88	25.1	3.58	31.8	4.61	35.0	5.14	38.3	5.69	44.9	6.82	51.2	8.09
	20	20.1	2.93	25.1	3.64	31.8	4.70	35.0	5.24	38.3	5.81	44.9	7.16	51.2	8.70
	21	20.1	2.95	25.1	3.68	31.8	4.74	35.0	5.29	38.3	5.92	44.9	7.42	51.2	9.02
	23	20.1	3.00	25.1	3.75	31.8	4.91	35.0	5.60	38.3	6.34	44.9	7.95	50.5	9.46
	25	20.1	3.06	25.1	3.89	31.8	5.24	35.0	5.98	38.3	6.78	44.9	8.51	49.8	9.88
	27	20.1	3.21	25.1	4.13	31.8	5.59	35.0	6.39	38.3	7.24	44.9	9.10	49.1	10.3
	29	20.1	3.40	25.1	4.40	31.8	5.95	35.0	6.81	38.3	7.73	44.9	9.72	48.3	10.7
	31	20.1	3.60	25.1	4.67	31.8	6.34	35.0	7.25	38.3	8.24	44.9	10.4	47.6	11.1
	33	20.1	3.82	25.1	4.96	31.8	6.74	35.0	7.72	38.3	8.78	44.9	11.1	46.9	11.5
	35	20.1	4.04	25.1	5.26	31.8	7.17	35.0	8.22	38.3	9.35	44.9	11.8	46.2	12.0
	37	20.1	4.27	25.1	5.57	31.8	7.62	35.0	8.74	38.3	9.95	44.2	12.3	45.4	12.4
	39	20.1	4.52	25.1	5.91	31.8	8.10	35.0	9.30	38.3	10.6	43.5	12.7	44.7	12.8
90% (360)	10	18.1	2.47	22.5	3.02	28.6	3.83	31.5	4.25	34.5	4.69	40.4	5.60	46.0	6.51
	12	18.1	2.50	22.5	3.07	28.6	3.90	31.5	4.33	34.5	4.78	40.4	5.70	46.0	6.64
	14	18.1	2.54	22.5	3.11	28.6	3.96	31.5	4.41	34.5	4.87	40.4	5.81	46.0	6.76
	16	18.1	2.58	22.5	3.17	28.6	4.04	31.5	4.49	34.5	4.96	40.4	5.92	46.0	6.89
	18	18.1	2.62	22.5	3.22	28.6	4.11	31.5	4.57	34.5	5.05	40.4	6.04	46.0	7.03
	20	18.1	2.66	22.5	3.27	28.6	4.19	31.5	4.66	34.5	5.15	40.4	6.16	46.0	7.44
	21	18.1	2.68	22.5	3.30	28.6	4.23	31.5	4.71	34.5	5.20	40.4	6.37	46.0	7.70
	23	18.1	2.72	22.5	3.36	28.6	4.31	31.5	4.87	34.5	5.49	40.4	6.82	46.0	8.26
	25	18.1	2.77	22.5	3.43	28.6	4.57	31.5	5.19	34.5	5.86	40.4	7.30	46.0	8.84
	27	18.1	2.86	22.5	3.65	28.6	4.87	31.5	5.54	34.5	6.25	40.4	7.80	46.0	9.46
	29	18.1	3.03	22.5	3.88	28.6	5.18	31.5	5.90	34.5	6.67	40.4	8.32	46.0	10.1
	31	18.1	3.21	22.5	4.11	28.6	5.51	31.5	6.28	34.5	7.10	40.4	8.88	46.0	10.8
	33	18.1	3.40	22.5	4.36	28.6	5.86	31.5	6.68	34.5	7.56	40.4	9.47	45.9	11.5
	35	18.1	3.59	22.5	4.62	28.6	6.22	31.5	7.10	34.5	8.04	40.4	10.1	45.2	11.9
	37	18.1	3.80	22.5	4.89	28.6	6.61	31.5	7.55	34.5	8.56	40.4	10.7	44.5	12.3
	39	18.1	4.01	22.5	5.18	28.6	7.01	31.5	8.02	34.5	9.10	40.4	11.4	43.7	12.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (320)	10	16.1	2.23	20.0	2.70	25.4	3.39	28.0	3.75	30.7	4.13	35.9	4.90	40.9	5.69
	12	16.1	2.26	20.0	2.74	25.4	3.45	28.0	3.82	30.7	4.20	35.9	4.99	40.9	5.79
	14	16.1	2.29	20.0	2.79	25.4	3.51	28.0	3.88	30.7	4.28	35.9	5.09	40.9	5.90
	16	16.1	2.33	20.0	2.83	25.4	3.57	28.0	3.95	30.7	4.35	35.9	5.18	40.9	6.02
	18	16.1	2.36	20.0	2.87	25.4	3.63	28.0	4.03	30.7	4.44	35.9	5.28	40.9	6.14
	20	16.1	2.40	20.0	2.92	25.4	3.70	28.0	4.10	30.7	4.52	35.9	5.39	40.9	6.27
	21	16.1	2.41	20.0	2.95	25.4	3.73	28.0	4.14	30.7	4.56	35.9	5.44	40.9	6.50
	23	16.1	2.45	20.0	3.00	25.4	3.80	28.0	4.22	30.7	4.69	35.9	5.79	40.9	6.96
	25	16.1	2.49	20.0	3.05	25.4	3.95	28.0	4.46	30.7	5.01	35.9	6.18	40.9	7.44
	27	16.1	2.54	20.0	3.20	25.4	4.20	28.0	4.75	30.7	5.34	35.9	6.60	40.9	7.95
	29	16.1	2.69	20.0	3.39	25.4	4.47	28.0	5.06	30.7	5.69	35.9	7.04	40.9	8.49
	31	16.1	2.85	20.0	3.59	25.4	4.75	28.0	5.38	30.7	6.05	35.9	7.50	40.9	9.06
	33	16.1	3.01	20.0	3.80	25.4	5.04	28.0	5.71	30.7	6.43	35.9	7.99	40.9	9.66
	35	16.1	3.18	20.0	4.03	25.4	5.35	28.0	6.07	30.7	6.84	35.9	8.51	40.9	10.3
	37	16.1	3.35	20.0	4.26	25.4	5.67	28.0	6.44	30.7	7.27	35.9	9.05	40.9	11.0
	39	16.1	3.54	20.0	4.51	25.4	6.01	28.0	6.84	30.7	7.72	35.9	9.63	40.9	11.7
70% (280)	10	14.1	2.01	17.5	2.40	22.2	2.98	24.5	3.28	26.8	3.59	31.4	4.24	35.8	4.89
	12	14.1	2.04	17.5	2.44	22.2	3.02	24.5	3.33	26.8	3.65	31.4	4.31	35.8	4.98
	14	14.1	2.06	17.5	2.47	22.2	3.07	24.5	3.39	26.8	3.71	31.4	4.39	35.8	5.07
	16	14.1	2.09	17.5	2.51	22.2	3.12	24.5	3.44	26.8	3.78	31.4	4.47	35.8	5.17
	18	14.1	2.12	17.5	2.54	22.2	3.17	24.5	3.50	26.8	3.84	31.4	4.55	35.8	5.27
	20	14.1	2.15	17.5	2.58	22.2	3.23	24.5	3.57	26.8	3.91	31.4	4.64	35.8	5.37
	21	14.1	2.16	17.5	2.60	22.2	3.26	24.5	3.60	26.8	3.95	31.4	4.68	35.8	5.43
	23	14.1	2.19	17.5	2.65	22.2	3.31	24.5	3.66	26.8	4.03	31.4	4.84	35.8	5.77
	25	14.1	2.22	17.5	2.69	22.2	3.38	24.5	3.79	26.8	4.23	31.4	5.17	35.8	6.17
	27	14.1	2.26	17.5	2.77	22.2	3.59	24.5	4.03	26.8	4.50	31.4	5.51	35.8	6.58
	29	14.1	2.37	17.5	2.94	22.2	3.81	24.5	4.28	26.8	4.79	31.4	5.87	35.8	7.02
	31	14.1	2.50	17.5	3.11	22.2	4.04	24.5	4.55	26.8	5.09	31.4	6.25	35.8	7.48
	33	14.1	2.64	17.5	3.29	22.2	4.29	24.5	4.83	26.8	5.40	31.4	6.64	35.8	7.97
	35	14.1	2.79	17.5	3.48	22.2	4.54	24.5	5.12	26.8	5.74	31.4	7.06	35.8	8.48
	37	14.1	2.94	17.5	3.67	22.2	4.81	24.5	5.43	26.8	6.09	31.4	7.51	35.8	9.02
	39	14.1	3.09	17.5	3.88	22.2	5.09	24.5	5.75	26.8	6.46	31.4	7.97	35.8	9.60
60% (240)	10	12.1	1.80	15.0	2.12	19.1	2.58	21.0	2.83	23.0	3.08	26.9	3.60	30.7	4.13
	12	12.1	1.82	15.0	2.14	19.1	2.62	21.0	2.87	23.0	3.13	26.9	3.66	30.7	4.21
	14	12.1	1.84	15.0	2.17	19.1	2.66	21.0	2.91	23.0	3.18	26.9	3.72	30.7	4.28
	16	12.1	1.86	15.0	2.20	19.1	2.70	21.0	2.96	23.0	3.23	26.9	3.79	30.7	4.36
	18	12.1	1.89	15.0	2.23	19.1	2.74	21.0	3.01	23.0	3.28	26.9	3.86	30.7	4.44
	20	12.1	1.91	15.0	2.26	19.1	2.79	21.0	3.06	23.0	3.34	26.9	3.93	30.7	4.52
	21	12.1	1.92	15.0	2.28	19.1	2.81	21.0	3.08	23.0	3.37	26.9	3.96	30.7	4.57
	23	12.1	1.95	15.0	2.31	19.1	2.86	21.0	3.14	23.0	3.43	26.9	4.04	30.7	4.70
	25	12.1	1.97	15.0	2.35	19.1	2.90	21.0	3.19	23.0	3.51	26.9	4.24	30.7	5.01
	27	12.1	2.00	15.0	2.39	19.1	3.03	21.0	3.37	23.0	3.74	26.9	4.52	30.7	5.35
	29	12.1	2.07	15.0	2.52	19.1	3.21	21.0	3.58	23.0	3.97	26.9	4.80	30.7	5.69
	31	12.1	2.19	15.0	2.67	19.1	3.40	21.0	3.79	23.0	4.21	26.9	5.11	30.7	6.06
	33	12.1	2.30	15.0	2.81	19.1	3.60	21.0	4.02	23.0	4.47	26.9	5.42	30.7	6.44
	35	12.1	2.42	15.0	2.97	19.1	3.80	21.0	4.25	23.0	4.73	26.9	5.76	30.7	6.85
	37	12.1	2.55	15.0	3.13	19.1	4.02	21.0	4.50	23.0	5.01	26.9	6.11	30.7	7.28
	39	12.1	2.68	15.0	3.30	19.1	4.25	21.0	4.76	23.0	5.31	26.9	6.48	30.7	7.73
50% (200)	10	10.0	1.60	12.5	1.85	15.9	2.21	17.5	2.40	19.2	2.60	22.4	3.00	25.6	3.42
	12	10.0	1.62	12.5	1.87	15.9	2.24	17.5	2.43	19.2	2.63	22.4	3.05	25.6	3.47
	14	10.0	1.63	12.5	1.89	15.9	2.27	17.5	2.47	19.2	2.67	22.4	3.10	25.6	3.53
	16	10.0	1.65	12.5	1.91	15.9	2.30	17.5	2.50	19.2	2.71	22.4	3.15	25.6	3.59
	18	10.0	1.67	12.5	1.94	15.9	2.34	17.5	2.54	19.2	2.76	22.4	3.20	25.6	3.66
	20	10.0	1.69	12.5	1.96	15.9	2.37	17.5	2.58	19.2	2.80	22.4	3.26	25.6	3.72
	21	10.0	1.69	12.5	1.98	15.9	2.39	17.5	2.60	19.2	2.82	22.4	3.29	25.6	3.76
	23	10.0	1.71	12.5	2.00	15.9	2.42	17.5	2.64	19.2	2.87	22.4	3.35	25.6	3.83
	25	10.0	1.74	12.5	2.03	15.9	2.46	17.5	2.69	19.2	2.92	22.4	3.41	25.6	3.99
	27	10.0	1.76	12.5	2.06	15.9	2.51	17.5	2.77	19.2	3.05	22.4	3.63	25.6	4.24
	29	10.0	1.80	12.5	2.14	15.9	2.66	17.5	2.94	19.2	3.23	22.4	3.85	25.6	4.51
	31	10.0	1.89	12.5	2.26	15.9	2.81	17.5	3.11	19.2	3.42	22.4	4.09	25.6	4.79
	33	10.0	1.99	12.5	2.38	15.9	2.97	17.5	3.29	19.2	3.62	22.4	4.33	25.6	5.09
	35	10.0	2.09	12.5	2.51	15.9	3.14	17.5	3.47	19.2	3.83	22.4	4.59	25.6	5.40
	37	10.0	2.19	12.5	2.64	15.9	3.31	17.5	3.67	19.2	4.05	22.4	4.86	25.6	5.72
	39	10.0	2.30	12.5	2.77	15.9	3.49	17.5	3.87	19.2	4.28	22.4	5.15	25.6	6.07

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ18TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	29.3	3.47	36.5	4.38	46.2	5.70	51.0	6.39	55.8	7.09	63.4	8.07	65.2	7.71
	12	29.3	3.52	36.5	4.45	46.2	5.81	51.0	6.51	55.8	7.22	62.6	8.02	64.3	7.66
	14	29.3	3.58	36.5	4.53	46.2	5.92	51.0	6.63	55.8	7.36	61.8	7.98	63.5	7.71
	16	29.3	3.65	36.5	4.62	46.2	6.03	51.0	6.76	55.8	7.50	61.0	8.04	62.7	8.13
	18	29.3	3.71	36.5	4.70	46.2	6.15	51.0	6.89	55.8	7.73	60.2	8.45	61.9	8.54
	20	29.3	3.78	36.5	4.80	46.2	6.30	51.0	7.27	55.8	8.30	59.3	8.87	61.1	8.96
	21	29.3	3.81	36.5	4.84	46.2	6.53	51.0	7.53	55.8	8.60	58.9	9.07	60.6	9.17
	23	29.3	3.89	36.5	5.04	46.2	6.99	51.0	8.07	55.8	9.23	58.1	9.49	59.8	9.59
	25	29.3	4.06	36.5	5.38	46.2	7.48	51.0	8.64	55.5	9.79	57.3	9.90	59.0	10.0
	27	29.3	4.32	36.5	5.74	46.2	7.99	51.0	9.24	54.7	10.2	56.5	10.3	58.2	10.4
	29	29.3	4.59	36.5	6.12	46.2	8.53	51.0	9.87	53.9	10.6	55.7	10.7	57.4	10.9
	31	29.3	4.88	36.5	6.51	46.2	9.10	51.0	10.5	53.1	11.0	54.8	11.2	56.5	11.3
	33	29.3	5.18	36.5	6.93	46.2	9.71	51.0	11.2	52.2	11.4	54.0	11.6	55.7	11.7
	35	29.3	5.50	36.5	7.37	46.2	10.3	50.5	11.8	51.4	11.9	53.2	12.0	54.9	12.2
	37	29.3	5.84	36.5	7.84	46.2	11.0	49.7	12.2	50.6	12.3	52.4	12.4	54.1	12.6
	39	29.3	6.19	36.5	8.33	46.2	11.7	48.9	12.6	49.8	12.7	51.6	12.9	53.3	13.0
120% (540)	10	27.0	3.20	33.7	4.01	42.7	5.21	47.1	5.82	51.5	6.46	60.3	7.75	64.1	7.93
	12	27.0	3.25	33.7	4.08	42.7	5.30	47.1	5.93	51.5	6.58	60.3	7.90	63.3	7.89
	14	27.0	3.30	33.7	4.16	42.7	5.40	47.1	6.05	51.5	6.71	60.3	8.05	62.4	7.85
	16	27.0	3.36	33.7	4.23	42.7	5.51	47.1	6.16	51.5	6.84	60.0	8.14	61.6	8.07
	18	27.0	3.42	33.7	4.31	42.7	5.61	47.1	6.29	51.5	6.97	59.2	8.41	60.8	8.49
	20	27.0	3.48	33.7	4.39	42.7	5.72	47.1	6.47	51.5	7.37	58.4	8.81	60.0	8.90
	21	27.0	3.51	33.7	4.43	42.7	5.83	47.1	6.70	51.5	7.64	58.0	9.02	59.6	9.11
	23	27.0	3.57	33.7	4.54	42.7	6.24	47.1	7.18	51.5	8.19	57.2	9.43	58.8	9.53
	25	27.0	3.69	33.7	4.85	42.7	6.67	47.1	7.68	51.5	8.77	56.4	9.84	57.9	9.94
	27	27.0	3.92	33.7	5.16	42.7	7.13	47.1	8.21	51.5	9.38	55.5	10.3	57.1	10.4
	29	27.0	4.17	33.7	5.50	42.7	7.60	47.1	8.77	51.5	10.0	54.7	10.7	56.3	10.8
	31	27.0	4.42	33.7	5.85	42.7	8.11	47.1	9.35	51.5	10.7	53.9	11.1	55.5	11.2
	33	27.0	4.69	33.7	6.22	42.7	8.64	47.1	9.98	51.4	11.4	53.1	11.5	54.7	11.6
	35	27.0	4.98	33.7	6.61	42.7	9.20	47.1	10.6	50.6	11.8	52.3	11.9	53.8	12.1
	37	27.0	5.28	33.7	7.02	42.7	9.79	47.1	11.3	49.8	12.2	51.4	12.4	53.0	12.5
	39	27.0	5.59	33.7	7.46	42.7	10.4	47.1	12.1	49.0	12.6	50.6	12.8	52.2	12.9
110% (495)	10	24.8	2.94	30.9	3.66	39.1	4.72	43.2	5.28	47.2	5.84	55.3	7.01	63.0	8.15
	12	24.8	2.99	30.9	3.72	39.1	4.81	43.2	5.37	47.2	5.95	55.3	7.14	62.2	8.11
	14	24.8	3.03	30.9	3.79	39.1	4.90	43.2	5.47	47.2	6.07	55.3	7.28	61.4	8.07
	16	24.8	3.08	30.9	3.86	39.1	4.99	43.2	5.58	47.2	6.18	55.3	7.42	60.6	8.03
	18	24.8	3.13	30.9	3.93	39.1	5.09	43.2	5.69	47.2	6.31	55.3	7.61	59.7	8.43
	20	24.8	3.19	30.9	4.00	39.1	5.19	43.2	5.80	47.2	6.50	55.3	8.18	58.9	8.84
	21	24.8	3.22	30.9	4.04	39.1	5.24	43.2	5.93	47.2	6.73	55.3	8.48	58.5	9.05
	23	24.8	3.27	30.9	4.11	39.1	5.54	43.2	6.34	47.2	7.21	55.3	9.09	57.7	9.46
	25	24.8	3.33	30.9	4.34	39.1	5.92	43.2	6.78	47.2	7.71	55.3	9.74	56.9	9.88
	27	24.8	3.54	30.9	4.62	39.1	6.31	43.2	7.24	47.2	8.25	54.6	10.2	56.0	10.3
	29	24.8	3.76	30.9	4.91	39.1	6.73	43.2	7.73	47.2	8.80	53.8	10.6	55.2	10.7
	31	24.8	3.99	30.9	5.22	39.1	7.17	43.2	8.24	47.2	9.40	53.0	11.0	54.4	11.1
	33	24.8	4.23	30.9	5.55	39.1	7.64	43.2	8.78	47.2	10.0	52.1	11.4	53.6	11.6
	35	24.8	4.48	30.9	5.89	39.1	8.13	43.2	9.36	47.2	10.7	51.3	11.9	52.8	12.0
	37	24.8	4.74	30.9	6.26	39.1	8.64	43.2	9.96	47.2	11.4	50.5	12.3	51.9	12.4
	39	24.8	5.02	30.9	6.64	39.1	9.19	43.2	10.6	47.2	12.1	49.7	12.7	51.1	12.8
100% (450)	10	22.5	2.69	28.1	3.32	35.6	4.26	39.2	4.74	42.9	5.24	50.3	6.28	57.3	7.31
	12	22.5	2.73	28.1	3.38	35.6	4.33	39.2	4.83	42.9	5.34	50.3	6.39	57.3	7.44
	14	22.5	2.77	28.1	3.43	35.6	4.41	39.2	4.92	42.9	5.44	50.3	6.52	57.3	7.59
	16	22.5	2.82	28.1	3.49	35.6	4.49	39.2	5.01	42.9	5.54	50.3	6.64	57.3	7.73
	18	22.5	2.86	28.1	3.55	35.6	4.57	39.2	5.10	42.9	5.65	50.3	6.77	57.3	8.04
	20	22.5	2.91	28.1	3.62	35.6	4.66	39.2	5.21	42.9	5.77	50.3	7.11	57.3	8.64
	21	22.5	2.93	28.1	3.65	35.6	4.71	39.2	5.26	42.9	5.88	50.3	7.36	57.3	8.95
	23	22.5	2.98	28.1	3.72	35.6	4.88	39.2	5.56	42.9	6.30	50.3	7.89	56.6	9.40
	25	22.5	3.03	28.1	3.86	35.6	5.20	39.2	5.94	42.9	6.73	50.3	8.45	55.8	9.81
	27	22.5	3.18	28.1	4.11	35.6	5.55	39.2	6.34	42.9	7.19	50.3	9.03	55.0	10.2
	29	22.5	3.38	28.1	4.36	35.6	5.91	39.2	6.76	42.9	7.67	50.3	9.65	54.2	10.6
	31	22.5	3.58	28.1	4.64	35.6	6.29	39.2	7.20	42.9	8.18	50.3	10.3	53.3	11.0
	33	22.5	3.79	28.1	4.92	35.6	6.69	39.2	7.67	42.9	8.72	50.3	11.0	52.5	11.5
	35	22.5	4.01	28.1	5.22	35.6	7.12	39.2	8.16	42.9	9.28	50.3	11.7	51.7	11.9
	37	22.5	4.24	28.1	5.53	35.6	7.57	39.2	8.68	42.9	9.88	49.6	12.2	50.9	12.3
	39	22.5	4.49	28.1	5.87	35.6	8.04	39.2	9.23	42.9	10.5	48.7	12.6	50.1	12.7
90% (405)	10	20.3	2.45	25.3	3.00	32.0	3.80	35.3	4.22	38.6	4.66	45.2	5.56	51.6	6.47
	12	20.3	2.48	25.3	3.04	32.0	3.87	35.3	4.30	38.6	4.75	45.2	5.66	51.6	6.59
	14	20.3	2.52	25.3	3.09	32.0	3.94	35.3	4.38	38.6	4.83	45.2	5.77	51.6	6.71
	16	20.3	2.56	25.3	3.14	32.0	4.01	35.3	4.46	38.6	4.92	45.2	5.88	51.6	6.85
	18	20.3	2.60	25.3	3.20	32.0	4.08	35.3	4.54	38.6	5.02	45.2	6.00	51.6	6.98
	20	20.3	2.64	25.3	3.25	32.0	4.16	35.3	4.63	38.6	5.12	45.2	6.12	51.6	7.38
	21	20.3	2.66	25.3	3.28	32.0	4.20	35.3	4.67	38.6	5.17	45.2	6.33	51.6	7.65
	23	20.3	2.70	25.3	3.34	32.0	4.28	35.3	4.83	38.6	5.45	45.2	6.78	51.6	8.20
	25	20.3	2.75	25.3	3.41	32.0	4.54	35.3	5.16	38.6	5.82	45.2	7.25	51.6	8.78
	27	20.3	2.84	25.3	3.62	32.0	4.84	35.3	5.50	38.6	6.21	45.2	7.74	51.6	9.39
	29	20.3	3.01	25.3	3.85	32.0	5.15	35.3	5.86	38.6	6.62	45.2	8.27	51.6	10.0
	31	20.3	3.19	25.3	4.08	32.0	5.47	35.3	6.24	38.6	7.05	45.2	8.82	51.6	10.7
	33	20.3	3.37	25.3	4.33	32.0	5.82	35.3	6.63	38.6	7.51	45.2	9.40	51.4	11.4
	35	20.3	3.57	25.3	4.59	32.0	6.18	35.3	7.05	38.6	7.99	45.2	10.0	50.6	11.8
	37	20.3	3.77	25.3	4.86	32.0	6.56	35.3	7.50	38.6	8.50	45.2	10.7	49.8	12.2
	39	20.3	3.98	25.3	5.15	32.0	6.97	35.3	7.96	38.6	9.03	45.2	11.4	49.0	12.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	18.0	2.22	22.4	2.68	28.5	3.37	31.4	3.73	34.4	4.10	40.2	4.87	45.8	5.65
	12	18.0	2.25	22.4	2.72	28.5	3.43	31.4	3.79	34.4	4.17	40.2	4.96	45.8	5.75
	14	18.0	2.28	22.4	2.77	28.5	3.48	31.4	3.86	34.4	4.25	40.2	5.05	45.8	5.86
	16	18.0	2.31	22.4	2.81	28.5	3.54	31.4	3.93	34.4	4.32	40.2	5.15	45.8	5.98
	18	18.0	2.34	22.4	2.85	28.5	3.61	31.4	4.00	34.4	4.40	40.2	5.25	45.8	6.09
	20	18.0	2.38	22.4	2.90	28.5	3.67	31.4	4.07	34.4	4.49	40.2	5.35	45.8	6.23
	21	18.0	2.40	22.4	2.92	28.5	3.70	31.4	4.11	34.4	4.53	40.2	5.40	45.8	6.45
	23	18.0	2.43	22.4	2.97	28.5	3.77	31.4	4.19	34.4	4.66	40.2	5.75	45.8	6.91
	25	18.0	2.47	22.4	3.03	28.5	3.92	31.4	4.43	34.4	4.97	40.2	6.14	45.8	7.39
	27	18.0	2.53	22.4	3.17	28.5	4.18	31.4	4.72	34.4	5.30	40.2	6.56	45.8	7.90
	29	18.0	2.67	22.4	3.37	28.5	4.44	31.4	5.02	34.4	5.65	40.2	6.99	45.8	8.43
	31	18.0	2.83	22.4	3.57	28.5	4.72	31.4	5.34	34.4	6.01	40.2	7.45	45.8	8.99
	33	18.0	2.99	22.4	3.78	28.5	5.01	31.4	5.67	34.4	6.39	40.2	7.93	45.8	9.59
	35	18.0	3.15	22.4	4.00	28.5	5.31	31.4	6.03	34.4	6.79	40.2	8.44	45.8	10.2
	37	18.0	3.33	22.4	4.23	28.5	5.63	31.4	6.40	34.4	7.22	40.2	8.99	45.8	10.9
	39	18.0	3.51	22.4	4.47	28.5	5.97	31.4	6.79	34.4	7.66	40.2	9.56	45.8	11.6
70% (315)	10	15.8	2.00	19.6	2.39	24.9	2.96	27.5	3.25	30.1	3.56	35.2	4.21	40.1	4.86
	12	15.8	2.02	19.6	2.42	24.9	3.00	27.5	3.31	30.1	3.62	35.2	4.28	40.1	4.95
	14	15.8	2.05	19.6	2.45	24.9	3.05	27.5	3.36	30.1	3.69	35.2	4.36	40.1	5.04
	16	15.8	2.07	19.6	2.49	24.9	3.10	27.5	3.42	30.1	3.75	35.2	4.44	40.1	5.13
	18	15.8	2.10	19.6	2.53	24.9	3.15	27.5	3.48	30.1	3.82	35.2	4.52	40.1	5.23
	20	15.8	2.13	19.6	2.57	24.9	3.21	27.5	3.54	30.1	3.89	35.2	4.61	40.1	5.34
	21	15.8	2.15	19.6	2.59	24.9	3.23	27.5	3.57	30.1	3.92	35.2	4.65	40.1	5.39
	23	15.8	2.18	19.6	2.63	24.9	3.29	27.5	3.64	30.1	4.00	35.2	4.81	40.1	5.73
	25	15.8	2.21	19.6	2.67	24.9	3.35	27.5	3.76	30.1	4.20	35.2	5.13	40.1	6.12
	27	15.8	2.24	19.6	2.76	24.9	3.56	27.5	4.00	30.1	4.47	35.2	5.47	40.1	6.54
	29	15.8	2.35	19.6	2.92	24.9	3.78	27.5	4.25	30.1	4.75	35.2	5.83	40.1	6.97
	31	15.8	2.49	19.6	3.09	24.9	4.01	27.5	4.52	30.1	5.05	35.2	6.20	40.1	7.43
	33	15.8	2.62	19.6	3.27	24.9	4.26	27.5	4.79	30.1	5.36	35.2	6.60	40.1	7.91
	35	15.8	2.77	19.6	3.45	24.9	4.51	27.5	5.08	30.1	5.70	35.2	7.01	40.1	8.42
	37	15.8	2.91	19.6	3.65	24.9	4.78	27.5	5.39	30.1	6.04	35.2	7.45	40.1	8.96
	39	15.8	3.07	19.6	3.85	24.9	5.06	27.5	5.71	30.1	6.41	35.2	7.92	40.1	9.53
60% (270)	10	13.5	1.79	16.8	2.10	21.3	2.56	23.5	2.81	25.8	3.06	30.2	3.57	34.4	4.10
	12	13.5	1.81	16.8	2.13	21.3	2.60	23.5	2.85	25.8	3.10	30.2	3.63	34.4	4.18
	14	13.5	1.83	16.8	2.16	21.3	2.64	23.5	2.89	25.8	3.15	30.2	3.70	34.4	4.25
	16	13.5	1.85	16.8	2.19	21.3	2.68	23.5	2.94	25.8	3.21	30.2	3.76	34.4	4.33
	18	13.5	1.87	16.8	2.22	21.3	2.72	23.5	2.99	25.8	3.26	30.2	3.83	34.4	4.41
	20	13.5	1.90	16.8	2.25	21.3	2.77	23.5	3.04	25.8	3.32	30.2	3.90	34.4	4.49
	21	13.5	1.91	16.8	2.26	21.3	2.79	23.5	3.06	25.8	3.35	30.2	3.94	34.4	4.54
	23	13.5	1.93	16.8	2.30	21.3	2.83	23.5	3.12	25.8	3.41	30.2	4.01	34.4	4.67
	25	13.5	1.96	16.8	2.33	21.3	2.88	23.5	3.17	25.8	3.49	30.2	4.21	34.4	4.98
	27	13.5	1.99	16.8	2.37	21.3	3.00	23.5	3.35	25.8	3.71	30.2	4.49	34.4	5.31
	29	13.5	2.06	16.8	2.50	21.3	3.18	23.5	3.55	25.8	3.94	30.2	4.77	34.4	5.65
	31	13.5	2.17	16.8	2.65	21.3	3.37	23.5	3.76	25.8	4.18	30.2	5.07	34.4	6.02
	33	13.5	2.29	16.8	2.79	21.3	3.57	23.5	3.99	25.8	4.43	30.2	5.39	34.4	6.40
	35	13.5	2.41	16.8	2.95	21.3	3.78	23.5	4.22	25.8	4.70	30.2	5.72	34.4	6.80
	37	13.5	2.53	16.8	3.11	21.3	3.99	23.5	4.47	25.8	4.98	30.2	6.07	34.4	7.22
	39	13.5	2.66	16.8	3.28	21.3	4.22	23.5	4.73	25.8	5.27	30.2	6.44	34.4	7.67
50% (225)	10	11.3	1.59	14.0	1.84	17.8	2.20	19.6	2.38	21.5	2.58	25.1	2.98	28.7	3.39
	12	11.3	1.60	14.0	1.86	17.8	2.23	19.6	2.42	21.5	2.62	25.1	3.03	28.7	3.45
	14	11.3	1.62	14.0	1.88	17.8	2.26	19.6	2.45	21.5	2.65	25.1	3.08	28.7	3.51
	16	11.3	1.64	14.0	1.90	17.8	2.29	19.6	2.49	21.5	2.70	25.1	3.13	28.7	3.57
	18	11.3	1.66	14.0	1.92	17.8	2.32	19.6	2.52	21.5	2.74	25.1	3.18	28.7	3.63
	20	11.3	1.67	14.0	1.95	17.8	2.35	19.6	2.56	21.5	2.78	25.1	3.24	28.7	3.70
	21	11.3	1.68	14.0	1.96	17.8	2.37	19.6	2.58	21.5	2.80	25.1	3.26	28.7	3.73
	23	11.3	1.70	14.0	1.99	17.8	2.41	19.6	2.62	21.5	2.85	25.1	3.32	28.7	3.80
	25	11.3	1.72	14.0	2.02	17.8	2.44	19.6	2.67	21.5	2.90	25.1	3.39	28.7	3.96
	27	11.3	1.74	14.0	2.04	17.8	2.50	19.6	2.75	21.5	3.02	25.1	3.60	28.7	4.21
	29	11.3	1.78	14.0	2.13	17.8	2.64	19.6	2.92	21.5	3.21	25.1	3.83	28.7	4.48
	31	11.3	1.88	14.0	2.24	17.8	2.79	19.6	3.09	21.5	3.40	25.1	4.06	28.7	4.76
	33	11.3	1.97	14.0	2.36	17.8	2.95	19.6	3.26	21.5	3.60	25.1	4.30	28.7	5.05
	35	11.3	2.07	14.0	2.49	17.8	3.11	19.6	3.45	21.5	3.80	25.1	4.56	28.7	5.36
	37	11.3	2.18	14.0	2.62	17.8	3.29	19.6	3.64	21.5	4.02	25.1	4.83	28.7	5.68
	39	11.3	2.29	14.0	2.75	17.8	3.47	19.6	3.85	21.5	4.25	25.1	5.11	28.7	6.03

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ20TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	32.5	3.94	40.5	4.97	51.3	6.48	56.6	7.26	61.9	8.05	70.4	9.16	72.3	8.76
	12	32.5	4.00	40.5	5.06	51.3	6.60	56.6	7.39	61.9	8.20	69.5	9.12	71.4	8.71
	14	32.5	4.07	40.5	5.15	51.3	6.72	56.6	7.53	61.9	8.36	68.5	9.07	70.4	8.76
	16	32.5	4.14	40.5	5.25	51.3	6.85	56.6	7.68	61.9	8.52	67.6	9.14	69.5	9.23
	18	32.5	4.22	40.5	5.34	51.3	6.99	56.6	7.83	61.9	8.78	66.7	9.60	68.6	9.70
	20	32.5	4.29	40.5	5.45	51.3	7.16	56.6	8.26	61.9	9.43	65.8	10.1	67.7	10.2
	21	32.5	4.33	40.5	5.50	51.3	7.42	56.6	8.55	61.9	9.78	65.4	10.3	67.3	10.4
	23	32.5	4.41	40.5	5.73	51.3	7.94	56.6	9.17	61.9	10.5	64.5	10.8	66.4	10.9
	25	32.5	4.61	40.5	6.12	51.3	8.50	56.6	9.81	61.6	11.1	63.5	11.2	65.4	11.4
	27	32.5	4.91	40.5	6.52	51.3	9.08	56.6	10.5	60.7	11.6	62.6	11.7	64.5	11.9
	29	32.5	5.22	40.5	6.95	51.3	9.69	56.6	11.2	59.8	12.1	61.7	12.2	63.6	12.3
	31	32.5	5.55	40.5	7.40	51.3	10.3	56.6	12.0	58.8	12.5	60.8	12.7	62.7	12.8
	33	32.5	5.89	40.5	7.87	51.3	11.0	56.6	12.8	57.9	13.0	59.9	13.2	61.8	13.3
	35	32.5	6.25	40.5	8.37	51.3	11.8	56.0	13.4	57.0	13.5	59.0	13.6	60.9	13.8
	37	32.5	6.63	40.5	8.90	51.3	12.5	55.1	13.9	56.1	13.9	58.1	14.1	60.0	14.3
	39	32.5	7.03	40.5	9.46	51.3	13.3	54.2	14.3	55.2	14.4	57.2	14.6	59.1	14.8
120% (600)	10	30.0	3.63	37.3	4.56	47.3	5.92	52.2	6.62	57.2	7.34	66.9	8.80	71.1	9.01
	12	30.0	3.69	37.3	4.64	47.3	6.02	52.2	6.74	57.2	7.48	66.9	8.97	70.2	8.96
	14	30.0	3.75	37.3	4.72	47.3	6.14	52.2	6.87	57.2	7.62	66.9	9.14	69.3	8.91
	16	30.0	3.82	37.3	4.81	47.3	6.25	52.2	7.00	57.2	7.77	66.6	9.25	68.4	9.17
	18	30.0	3.88	37.3	4.90	47.3	6.38	52.2	7.14	57.2	7.92	65.7	9.55	67.4	9.64
	20	30.0	3.95	37.3	4.99	47.3	6.50	52.2	7.35	57.2	8.38	64.8	10.0	66.5	10.1
	21	30.0	3.99	37.3	5.04	47.3	6.63	52.2	7.62	57.2	8.68	64.3	10.2	66.1	10.3
	23	30.0	4.06	37.3	5.16	47.3	7.09	52.2	8.16	57.2	9.30	63.4	10.7	65.2	10.8
	25	30.0	4.19	37.3	5.50	47.3	7.58	52.2	8.73	57.2	9.96	62.5	11.2	64.3	11.3
	27	30.0	4.45	37.3	5.87	47.3	8.10	52.2	9.33	57.2	10.7	61.6	11.7	63.3	11.8
	29	30.0	4.73	37.3	6.25	47.3	8.64	52.2	9.96	57.2	11.4	60.7	12.1	62.4	12.3
	31	30.0	5.03	37.3	6.65	47.3	9.21	52.2	10.6	57.2	12.2	59.8	12.6	61.5	12.7
	33	30.0	5.33	37.3	7.07	47.3	9.81	52.2	11.3	57.0	12.9	58.9	13.1	60.6	13.2
	35	30.0	5.65	37.3	7.51	47.3	10.5	52.2	12.1	56.1	13.4	58.0	13.6	59.7	13.7
	37	30.0	5.99	37.3	7.98	47.3	11.1	52.2	12.9	55.2	13.9	57.0	14.0	58.8	14.2
	39	30.0	6.35	37.3	8.47	47.3	11.8	52.2	13.7	54.3	14.3	56.1	14.5	57.9	14.7
110% (550)	10	27.5	3.34	34.2	4.16	43.4	5.37	47.9	5.99	52.4	6.64	61.3	7.96	69.9	9.26
	12	27.5	3.39	34.2	4.23	43.4	5.46	47.9	6.10	52.4	6.76	61.3	8.11	69.0	9.22
	14	27.5	3.45	34.2	4.30	43.4	5.56	47.9	6.22	52.4	6.89	61.3	8.27	68.1	9.17
	16	27.5	3.50	34.2	4.38	43.4	5.67	47.9	6.34	52.4	7.03	61.3	8.43	67.2	9.12
	18	27.5	3.56	34.2	4.46	43.4	5.78	47.9	6.46	52.4	7.16	61.3	8.65	66.3	9.58
	20	27.5	3.62	34.2	4.54	43.4	5.89	47.9	6.59	52.4	7.38	61.3	9.30	65.3	10.0
	21	27.5	3.65	34.2	4.58	43.4	5.95	47.9	6.73	52.4	7.65	61.3	9.63	64.9	10.3
	23	27.5	3.72	34.2	4.67	43.4	6.29	47.9	7.21	52.4	8.19	61.3	10.3	64.0	10.7
	25	27.5	3.79	34.2	4.93	43.4	6.72	47.9	7.71	52.4	8.76	61.3	11.1	63.1	11.2
	27	27.5	4.02	34.2	5.25	43.4	7.17	47.9	8.23	52.4	9.37	60.5	11.6	62.2	11.7
	29	27.5	4.27	34.2	5.58	43.4	7.65	47.9	8.78	52.4	10.0	59.6	12.0	61.3	12.2
	31	27.5	4.53	34.2	5.94	43.4	8.15	47.9	9.36	52.4	10.7	58.7	12.5	60.3	12.6
	33	27.5	4.80	34.2	6.31	43.4	8.67	47.9	9.98	52.4	11.4	57.8	13.0	59.4	13.1
	35	27.5	5.09	34.2	6.70	43.4	9.23	47.9	10.6	52.4	12.1	56.9	13.5	58.5	13.6
	37	27.5	5.39	34.2	7.11	43.4	9.82	47.9	11.3	52.4	12.9	56.0	13.9	57.6	14.1
	39	27.5	5.71	34.2	7.54	43.4	10.4	47.9	12.0	52.4	13.8	55.1	14.4	56.7	14.6
100% (500)	10	25.0	3.06	31.1	3.78	39.4	4.83	43.5	5.39	47.6	5.96	55.7	7.13	63.6	8.30
	12	25.0	3.10	31.1	3.84	39.4	4.92	43.5	5.48	47.6	6.07	55.7	7.26	63.6	8.46
	14	25.0	3.15	31.1	3.90	39.4	5.01	43.5	5.58	47.6	6.18	55.7	7.40	63.6	8.62
	16	25.0	3.20	31.1	3.97	39.4	5.10	43.5	5.69	47.6	6.30	55.7	7.55	63.6	8.79
	18	25.0	3.25	31.1	4.04	39.4	5.20	43.5	5.80	47.6	6.42	55.7	7.70	63.6	9.13
	20	25.0	3.30	31.1	4.11	39.4	5.30	43.5	5.91	47.6	6.55	55.7	8.08	63.6	9.81
	21	25.0	3.33	31.1	4.15	39.4	5.35	43.5	5.97	47.6	6.68	55.7	8.36	63.6	10.2
	23	25.0	3.39	31.1	4.22	39.4	5.54	43.5	6.32	47.6	7.15	55.7	8.96	62.8	10.7
	25	25.0	3.45	31.1	4.38	39.4	5.91	43.5	6.75	47.6	7.65	55.7	9.60	61.9	11.1
	27	25.0	3.62	31.1	4.66	39.4	6.30	43.5	7.20	47.6	8.17	55.7	10.3	61.0	11.6
	29	25.0	3.84	31.1	4.96	39.4	6.72	43.5	7.68	47.6	8.72	55.7	11.0	60.1	12.1
	31	25.0	4.06	31.1	5.27	39.4	7.15	43.5	8.18	47.6	9.29	55.7	11.7	59.2	12.5
	33	25.0	4.30	31.1	5.59	39.4	7.61	43.5	8.71	47.6	9.90	55.7	12.5	58.2	13.0
	35	25.0	4.56	31.1	5.93	39.4	8.09	43.5	9.27	47.6	10.5	55.7	13.3	57.3	13.5
	37	25.0	4.82	31.1	6.29	39.4	8.59	43.5	9.86	47.6	11.2	55.0	13.8	56.4	14.0
	39	25.0	5.10	31.1	6.66	39.4	9.13	43.5	10.5	47.6	11.9	54.1	14.3	55.5	14.5
90% (450)	10	22.5	2.78	28.0	3.40	35.5	4.32	39.2	4.80	42.9	5.30	50.2	6.32	57.2	7.35
	12	22.5	2.82	28.0	3.46	35.5	4.40	39.2	4.88	42.9	5.39	50.2	6.44	57.2	7.48
	14	22.5	2.86	28.0	3.51	35.5	4.47	39.2	4.97	42.9	5.49	50.2	6.56	57.2	7.63
	16	22.5	2.91	28.0	3.57	35.5	4.55	39.2	5.06	42.9	5.59	50.2	6.68	57.2	7.78
	18	22.5	2.95	28.0	3.63	35.5	4.64	39.2	5.16	42.9	5.70	50.2	6.81	57.2	7.93
	20	22.5	3.00	28.0	3.69	35.5	4.72	39.2	5.26	42.9	5.81	50.2	6.95	57.2	8.39
	21	22.5	3.02	28.0	3.73	35.5	4.77	39.2	5.31	42.9	5.87	50.2	7.19	57.2	8.69
	23	22.5	3.07	28.0	3.79	35.5	4.86	39.2	5.49	42.9	6.19	50.2	7.70	57.2	9.31
	25	22.5	3.12	28.0	3.87	35.5	5.16	39.2	5.86	42.9	6.61	50.2	8.23	57.2	9.97
	27	22.5	3.23	28.0	4.12	35.5	5.49	39.2	6.25	42.9	7.05	50.2	8.80	57.2	10.7
	29	22.5	3.42	28.0	4.37	35.5	5.85	39.2	6.66	42.9	7.52	50.2	9.39	57.2	11.4
	31	22.5	3.62	28.0	4.64	35.5	6.22	39.2	7.08	42.9	8.01	50.2	10.0	57.2	12.2
	33	22.5	3.83	28.0	4.92	35.5	6.61	39.2	7.54	42.9	8.53	50.2	10.7	57.1	12.9
	35	22.5	4.05	28.0	5.21	35.5	7.02	39.2	8.01	42.9	9.07	50.2	11.4	56.1	13.4
	37	22.5	4.28	28.0	5.52	35.5	7.45	39.2	8.51	42.9	9.65	50.2	12.1	55.2	13.9
	39	22.5	4.52	28.0	5.85	35.5	7.91	39.2	9.05	42.9	10.3	50.2	12.9	54.3	14.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	20.0	2.52	24.9	3.05	31.6	3.83	34.8	4.24	38.1	4.66	44.6	5.53	50.8	6.42
	12	20.0	2.55	24.9	3.09	31.6	3.89	34.8	4.31	38.1	4.74	44.6	5.63	50.8	6.54
	14	20.0	2.59	24.9	3.14	31.6	3.96	34.8	4.38	38.1	4.82	44.6	5.74	50.8	6.66
	16	20.0	2.62	24.9	3.19	31.6	4.02	34.8	4.46	38.1	4.91	44.6	5.85	50.8	6.79
	18	20.0	2.66	24.9	3.24	31.6	4.10	34.8	4.54	38.1	5.00	44.6	5.96	50.8	6.92
	20	20.0	2.70	24.9	3.30	31.6	4.17	34.8	4.63	38.1	5.10	44.6	6.08	50.8	7.08
	21	20.0	2.72	24.9	3.32	31.6	4.21	34.8	4.67	38.1	5.15	44.6	6.14	50.8	7.33
	23	20.0	2.76	24.9	3.38	31.6	4.29	34.8	4.76	38.1	5.29	44.6	6.53	50.8	7.85
	25	20.0	2.81	24.9	3.44	31.6	4.46	34.8	5.03	38.1	5.65	44.6	6.98	50.8	8.39
	27	20.0	2.87	24.9	3.61	31.6	4.74	34.8	5.36	38.1	6.02	44.6	7.45	50.8	8.97
	29	20.0	3.04	24.9	3.82	31.6	5.04	34.8	5.71	38.1	6.41	44.6	7.94	50.8	9.58
	31	20.0	3.21	24.9	4.05	31.6	5.36	34.8	6.07	38.1	6.82	44.6	8.46	50.8	10.2
	33	20.0	3.39	24.9	4.29	31.6	5.69	34.8	6.45	38.1	7.26	44.6	9.01	50.8	10.9
	35	20.0	3.58	24.9	4.54	31.6	6.03	34.8	6.85	38.1	7.71	44.6	9.59	50.8	11.6
	37	20.0	3.78	24.9	4.81	31.6	6.40	34.8	7.27	38.1	8.20	44.6	10.2	50.8	12.4
	39	20.0	3.99	24.9	5.08	31.6	6.78	34.8	7.71	38.1	8.71	44.6	10.9	50.8	13.2
70% (350)	10	17.5	2.27	21.8	2.71	27.6	3.36	30.5	3.70	33.3	4.05	39.0	4.78	44.5	5.52
	12	17.5	2.30	21.8	2.75	27.6	3.41	30.5	3.76	33.3	4.12	39.0	4.86	44.5	5.62
	14	17.5	2.33	21.8	2.79	27.6	3.46	30.5	3.82	33.3	4.19	39.0	4.95	44.5	5.72
	16	17.5	2.36	21.8	2.83	27.6	3.52	30.5	3.88	33.3	4.26	39.0	5.04	44.5	5.83
	18	17.5	2.39	21.8	2.87	27.6	3.58	30.5	3.95	33.3	4.34	39.0	5.13	44.5	5.94
	20	17.5	2.42	21.8	2.91	27.6	3.64	30.5	4.02	33.3	4.42	39.0	5.23	44.5	6.06
	21	17.5	2.44	21.8	2.94	27.6	3.67	30.5	4.06	33.3	4.46	39.0	5.28	44.5	6.12
	23	17.5	2.47	21.8	2.98	27.6	3.74	30.5	4.13	33.3	4.54	39.0	5.46	44.5	6.51
	25	17.5	2.51	21.8	3.03	27.6	3.81	30.5	4.27	33.3	4.77	39.0	5.83	44.5	6.96
	27	17.5	2.55	21.8	3.13	27.6	4.05	30.5	4.55	33.3	5.08	39.0	6.21	44.5	7.42
	29	17.5	2.67	21.8	3.32	27.6	4.30	30.5	4.83	33.3	5.40	39.0	6.62	44.5	7.92
	31	17.5	2.82	21.8	3.51	27.6	4.56	30.5	5.13	33.3	5.74	39.0	7.04	44.5	8.44
	33	17.5	2.98	21.8	3.71	27.6	4.84	30.5	5.44	33.3	6.09	39.0	7.49	44.5	8.99
	35	17.5	3.14	21.8	3.92	27.6	5.12	30.5	5.77	33.3	6.47	39.0	7.97	44.5	9.56
	37	17.5	3.31	21.8	4.14	27.6	5.43	30.5	6.12	33.3	6.87	39.0	8.47	44.5	10.2
	39	17.5	3.49	21.8	4.37	27.6	5.74	30.5	6.49	33.3	7.28	39.0	8.99	44.5	10.8
60% (300)	10	15.0	2.03	18.7	2.39	23.7	2.91	26.1	3.19	28.6	3.47	33.4	4.06	38.1	4.66
	12	15.0	2.05	18.7	2.42	23.7	2.96	26.1	3.24	28.6	3.53	33.4	4.13	38.1	4.74
	14	15.0	2.08	18.7	2.45	23.7	3.00	26.1	3.29	28.6	3.58	33.4	4.20	38.1	4.83
	16	15.0	2.10	18.7	2.48	23.7	3.05	26.1	3.34	28.6	3.64	33.4	4.27	38.1	4.92
	18	15.0	2.13	18.7	2.52	23.7	3.09	26.1	3.39	28.6	3.70	33.4	4.35	38.1	5.01
	20	15.0	2.15	18.7	2.55	23.7	3.14	26.1	3.45	28.6	3.77	33.4	4.43	38.1	5.10
	21	15.0	2.17	18.7	2.57	23.7	3.17	26.1	3.48	28.6	3.80	33.4	4.47	38.1	5.15
	23	15.0	2.20	18.7	2.61	23.7	3.22	26.1	3.54	28.6	3.87	33.4	4.56	38.1	5.30
	25	15.0	2.23	18.7	2.65	23.7	3.28	26.1	3.60	28.6	3.96	33.4	4.79	38.1	5.66
	27	15.0	2.26	18.7	2.69	23.7	3.41	26.1	3.80	28.6	4.21	33.4	5.10	38.1	6.03
	29	15.0	2.34	18.7	2.85	23.7	3.62	26.1	4.03	28.6	4.48	33.4	5.42	38.1	6.42
	31	15.0	2.46	18.7	3.01	23.7	3.83	26.1	4.28	28.6	4.75	33.4	5.76	38.1	6.83
	33	15.0	2.60	18.7	3.17	23.7	4.06	26.1	4.53	28.6	5.04	33.4	6.12	38.1	7.27
	35	15.0	2.73	18.7	3.35	23.7	4.29	26.1	4.80	28.6	5.34	33.4	6.50	38.1	7.72
	37	15.0	2.88	18.7	3.53	23.7	4.54	26.1	5.08	28.6	5.66	33.4	6.89	38.1	8.21
	39	15.0	3.02	18.7	3.72	23.7	4.80	26.1	5.37	28.6	5.99	33.4	7.31	38.1	8.72
50% (250)	10	12.5	1.80	15.6	2.09	19.7	2.49	21.8	2.71	23.8	2.93	27.9	3.39	31.8	3.86
	12	12.5	1.82	15.6	2.11	19.7	2.53	21.8	2.75	23.8	2.97	27.9	3.44	31.8	3.92
	14	12.5	1.84	15.6	2.13	19.7	2.56	21.8	2.78	23.8	3.02	27.9	3.50	31.8	3.99
	16	12.5	1.86	15.6	2.16	19.7	2.60	21.8	2.83	23.8	3.06	27.9	3.55	31.8	4.05
	18	12.5	1.88	15.6	2.19	19.7	2.63	21.8	2.87	23.8	3.11	27.9	3.61	31.8	4.13
	20	12.5	1.90	15.6	2.21	19.7	2.67	21.8	2.91	23.8	3.16	27.9	3.68	31.8	4.20
	21	12.5	1.91	15.6	2.23	19.7	2.69	21.8	2.93	23.8	3.19	27.9	3.71	31.8	4.24
	23	12.5	1.93	15.6	2.26	19.7	2.73	21.8	2.98	23.8	3.24	27.9	3.77	31.8	4.32
	25	12.5	1.96	15.6	2.29	19.7	2.78	21.8	3.03	23.8	3.29	27.9	3.85	31.8	4.50
	27	12.5	1.98	15.6	2.32	19.7	2.83	21.8	3.13	23.8	3.44	27.9	4.09	31.8	4.78
	29	12.5	2.03	15.6	2.41	19.7	3.00	21.8	3.31	23.8	3.64	27.9	4.35	31.8	5.09
	31	12.5	2.13	15.6	2.55	19.7	3.17	21.8	3.51	23.8	3.86	27.9	4.61	31.8	5.40
	33	12.5	2.24	15.6	2.68	19.7	3.35	21.8	3.71	23.8	4.08	27.9	4.89	31.8	5.74
	35	12.5	2.36	15.6	2.83	19.7	3.54	21.8	3.92	23.8	4.32	27.9	5.18	31.8	6.09
	37	12.5	2.47	15.6	2.97	19.7	3.73	21.8	4.14	23.8	4.57	27.9	5.49	31.8	6.46
	39	12.5	2.60	15.6	3.13	19.7	3.94	21.8	4.37	23.8	4.83	27.9	5.81	31.8	6.84

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ22TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (715)	10	36.2	4.41	45.2	5.56	57.2	7.25	63.2	8.12	69.1	9.01	78.5	10.3	80.7	9.80
	12	36.2	4.48	45.2	5.66	57.2	7.38	63.2	8.27	69.1	9.18	77.5	10.2	79.7	9.74
	14	36.2	4.56	45.2	5.76	57.2	7.52	63.2	8.43	69.1	9.35	76.5	10.1	78.6	9.80
	16	36.2	4.63	45.2	5.87	57.2	7.67	63.2	8.59	69.1	9.54	75.5	10.2	77.6	10.3
	18	36.2	4.72	45.2	5.98	57.2	7.82	63.2	8.76	69.1	9.82	74.5	10.7	76.6	10.9
	20	36.2	4.80	45.2	6.10	57.2	8.01	63.2	9.24	69.1	10.6	73.5	11.3	75.6	11.4
	21	36.2	4.85	45.2	6.16	57.2	8.30	63.2	9.57	69.1	10.9	73.0	11.5	75.1	11.7
	23	36.2	4.94	45.2	6.41	57.2	8.89	63.2	10.3	69.1	11.7	71.9	12.1	74.1	12.2
	25	36.2	5.16	45.2	6.84	57.2	9.51	63.2	11.0	68.7	12.4	70.9	12.6	73.1	12.7
	27	36.2	5.49	45.2	7.30	57.2	10.2	63.2	11.7	67.7	13.0	69.9	13.1	72.0	13.3
	29	36.2	5.84	45.2	7.78	57.2	10.8	63.2	12.5	66.7	13.5	68.9	13.7	71.0	13.8
	31	36.2	6.21	45.2	8.28	57.2	11.6	63.2	13.4	65.7	14.0	67.9	14.2	70.0	14.4
	33	36.2	6.59	45.2	8.81	57.2	12.3	63.2	14.3	64.7	14.5	66.9	14.7	69.0	14.9
	35	36.2	6.99	45.2	9.37	57.2	13.1	62.5	15.0	63.7	15.1	65.9	15.3	68.0	15.4
	37	36.2	7.42	45.2	9.96	57.2	14.0	61.5	15.5	62.6	15.6	64.8	15.8	67.0	16.0
	39	36.2	7.87	45.2	10.6	57.2	14.9	60.5	16.0	61.6	16.1	63.8	16.4	66.0	16.6
120% (660)	10	33.4	4.07	41.7	5.10	52.8	6.62	58.3	7.40	63.8	8.21	74.7	9.85	79.3	10.1
	12	33.4	4.13	41.7	5.19	52.8	6.74	58.3	7.54	63.8	8.37	74.7	10.0	78.3	10.0
	14	33.4	4.20	41.7	5.28	52.8	6.87	58.3	7.68	63.8	8.53	74.7	10.2	77.3	9.97
	16	33.4	4.27	41.7	5.38	52.8	7.00	58.3	7.83	63.8	8.69	74.3	10.3	76.3	10.3
	18	33.4	4.34	41.7	5.48	52.8	7.13	58.3	7.99	63.8	8.86	73.3	10.7	75.3	10.8
	20	33.4	4.42	41.7	5.58	52.8	7.28	58.3	8.23	63.8	9.37	72.3	11.2	74.3	11.3
	21	33.4	4.46	41.7	5.63	52.8	7.41	58.3	8.52	63.8	9.71	71.8	11.5	73.8	11.6
	23	33.4	4.54	41.7	5.77	52.8	7.93	58.3	9.13	63.8	10.4	70.8	12.0	72.7	12.1
	25	33.4	4.69	41.7	6.16	52.8	8.48	58.3	9.76	63.8	11.1	69.8	12.5	71.7	12.6
	27	33.4	4.98	41.7	6.56	52.8	9.06	58.3	10.4	63.8	11.9	68.8	13.0	70.7	13.2
	29	33.4	5.30	41.7	6.99	52.8	9.67	58.3	11.1	63.8	12.7	67.7	13.6	69.7	13.7
	31	33.4	5.62	41.7	7.44	52.8	10.3	58.3	11.9	63.8	13.6	66.7	14.1	68.7	14.2
	33	33.4	5.97	41.7	7.91	52.8	11.0	58.3	12.7	63.7	14.5	65.7	14.6	67.7	14.8
	35	33.4	6.33	41.7	8.40	52.8	11.7	58.3	13.5	62.7	15.0	64.7	15.2	66.7	15.3
	37	33.4	6.71	41.7	8.93	52.8	12.4	58.3	14.4	61.6	15.5	63.7	15.7	65.6	15.9
	39	33.4	7.11	41.7	9.48	52.8	13.2	58.3	15.3	60.6	16.0	62.7	16.2	64.6	16.4
110% (605)	10	30.7	3.74	38.2	4.66	48.4	6.00	53.4	6.71	58.5	7.43	68.4	8.91	78.0	10.4
	12	30.7	3.80	38.2	4.73	48.4	6.11	53.4	6.83	58.5	7.57	68.4	9.07	77.0	10.3
	14	30.7	3.86	38.2	4.82	48.4	6.23	53.4	6.96	58.5	7.71	68.4	9.25	76.0	10.3
	16	30.7	3.92	38.2	4.90	48.4	6.34	53.4	7.09	58.5	7.86	68.4	9.43	75.0	10.2
	18	30.7	3.98	38.2	4.99	48.4	6.46	53.4	7.23	58.5	8.02	68.4	9.68	74.0	10.7
	20	30.7	4.05	38.2	5.08	48.4	6.59	53.4	7.37	58.5	8.26	68.4	10.4	72.9	11.2
	21	30.7	4.09	38.2	5.13	48.4	6.66	53.4	7.53	58.5	8.56	68.4	10.8	72.4	11.5
	23	30.7	4.16	38.2	5.23	48.4	7.04	53.4	8.06	58.5	9.16	68.4	11.6	71.4	12.0
	25	30.7	4.24	38.2	5.51	48.4	7.52	53.4	8.62	58.5	9.81	68.4	12.4	70.4	12.6
	27	30.7	4.50	38.2	5.87	48.4	8.02	53.4	9.21	58.5	10.5	67.6	13.0	69.4	13.1
	29	30.7	4.78	38.2	6.25	48.4	8.55	53.4	9.83	58.5	11.2	66.6	13.5	68.4	13.6
	31	30.7	5.07	38.2	6.64	48.4	9.11	53.4	10.5	58.5	11.9	65.6	14.0	67.4	14.1
	33	30.7	5.37	38.2	7.05	48.4	9.70	53.4	11.2	58.5	12.7	64.5	14.5	66.3	14.7
	35	30.7	5.69	38.2	7.49	48.4	10.3	53.4	11.9	58.5	13.6	63.5	15.1	65.3	15.2
	37	30.7	6.03	38.2	7.95	48.4	11.0	53.4	12.7	58.5	14.5	62.5	15.6	64.3	15.8
	39	30.7	6.38	38.2	8.44	48.4	11.7	53.4	13.5	58.5	15.4	61.5	16.1	63.3	16.3
100% (550)	10	27.9	3.42	34.7	4.22	44.0	5.41	48.6	6.03	53.2	6.66	62.2	7.98	71.0	9.29
	12	27.9	3.47	34.7	4.29	44.0	5.50	48.6	6.14	53.2	6.79	62.2	8.13	71.0	9.46
	14	27.9	3.52	34.7	4.37	44.0	5.60	48.6	6.25	53.2	6.91	62.2	8.28	71.0	9.64
	16	27.9	3.58	34.7	4.44	44.0	5.71	48.6	6.37	53.2	7.05	62.2	8.44	71.0	9.83
	18	27.9	3.64	34.7	4.52	44.0	5.81	48.6	6.49	53.2	7.18	62.2	8.61	71.0	10.2
	20	27.9	3.70	34.7	4.60	44.0	5.93	48.6	6.62	53.2	7.33	62.2	9.04	71.0	11.0
	21	27.9	3.73	34.7	4.64	44.0	5.98	48.6	6.68	53.2	7.48	62.2	9.36	71.0	11.4
	23	27.9	3.79	34.7	4.73	44.0	6.20	48.6	7.07	53.2	8.00	62.2	10.0	70.1	11.9
	25	27.9	3.86	34.7	4.90	44.0	6.61	48.6	7.55	53.2	8.56	62.2	10.7	69.1	12.5
	27	27.9	4.05	34.7	5.22	44.0	7.05	48.6	8.06	53.2	9.14	62.2	11.5	68.1	13.0
	29	27.9	4.29	34.7	5.55	44.0	7.51	48.6	8.59	53.2	9.75	62.2	12.3	67.0	13.5
	31	27.9	4.55	34.7	5.89	44.0	8.00	48.6	9.16	53.2	10.4	62.2	13.1	66.0	14.0
	33	27.9	4.82	34.7	6.25	44.0	8.51	48.6	9.75	53.2	11.1	62.2	14.0	65.0	14.6
	35	27.9	5.10	34.7	6.63	44.0	9.05	48.6	10.4	53.2	11.8	62.2	14.9	64.0	15.1
	37	27.9	5.39	34.7	7.03	44.0	9.62	48.6	11.0	53.2	12.6	61.4	15.5	63.0	15.6
	39	27.9	5.70	34.7	7.46	44.0	10.2	48.6	11.7	53.2	13.4	60.3	16.0	62.0	16.2
90% (495)	10	25.1	3.11	31.3	3.81	39.6	4.83	43.7	5.37	47.8	5.92	56.0	7.07	63.9	8.22
	12	25.1	3.16	31.3	3.87	39.6	4.92	43.7	5.46	47.8	6.03	56.0	7.20	63.9	8.37
	14	25.1	3.20	31.3	3.93	39.6	5.00	43.7	5.56	47.8	6.14	56.0	7.34	63.9	8.53
	16	25.1	3.25	31.3	4.00	39.6	5.09	43.7	5.66	47.8	6.26	56.0	7.48	63.9	8.70
	18	25.1	3.30	31.3	4.06	39.6	5.19	43.7	5.77	47.8	6.38	56.0	7.62	63.9	8.87
	20	25.1	3.35	31.3	4.13	39.6	5.28	43.7	5.88	47.8	6.50	56.0	7.78	63.9	9.39
	21	25.1	3.38	31.3	4.17	39.6	5.33	43.7	5.94	47.8	6.57	56.0	8.04	63.9	9.72
	23	25.1	3.43	31.3	4.24	39.6	5.44	43.7	6.14	47.8	6.92	56.0	8.61	63.9	10.4
	25	25.1	3.49	31.3	4.33	39.6	5.77	43.7	6.56	47.8	7.39	56.0	9.21	63.9	11.2
	27	25.1	3.61	31.3	4.61	39.6	6.15	43.7	6.99	47.8	7.89	56.0	9.84	63.9	11.9
	29	25.1	3.83	31.3	4.89	39.6	6.54	43.7	7.45	47.8	8.41	56.0	10.5	63.9	12.8
	31	25.1	4.05	31.3	5.19	39.6	6.96	43.7	7.93	47.8	8.96	56.0	11.2	63.9	13.6
	33	25.1	4.29	31.3	5.50	39.6	7.39	43.7	8.43	47.8	9.54	56.0	11.9	63.7	14.5
	35	25.1	4.53	31.3	5.83	39.6	7.85	43.7	8.96	47.8	10.2	56.0	12.7	62.7	15.0
	37	25.1	4.79	31.3	6.18	39.6	8.34	43.7	9.53	47.8	10.8	56.0	13.6	61.7	15.5
	39	25.1	5.06	31.3	6.54	39.6	8.85	43.7	10.1	47.8	11.5	56.0	14.4	60.6	16.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (440)	10	22.3	2.82	27.8	3.41	35.2	4.28	38.9	4.74	42.5	5.21	49.8	6.19	56.8	7.18
	12	22.3	2.86	27.8	3.46	35.2	4.35	38.9	4.82	42.5	5.30	49.8	6.30	56.8	7.31
	14	22.3	2.90	27.8	3.52	35.2	4.43	38.9	4.90	42.5	5.40	49.8	6.42	56.8	7.45
	16	22.3	2.94	27.8	3.57	35.2	4.50	38.9	4.99	42.5	5.50	49.8	6.54	56.8	7.59
	18	22.3	2.98	27.8	3.63	35.2	4.58	38.9	5.08	42.5	5.60	49.8	6.67	56.8	7.74
	20	22.3	3.02	27.8	3.69	35.2	4.66	38.9	5.17	42.5	5.70	49.8	6.80	56.8	7.92
	21	22.3	3.05	27.8	3.72	35.2	4.71	38.9	5.22	42.5	5.76	49.8	6.87	56.8	8.20
	23	22.3	3.09	27.8	3.78	35.2	4.79	38.9	5.32	42.5	5.92	49.8	7.30	56.8	8.78
	25	22.3	3.14	27.8	3.85	35.2	4.99	38.9	5.63	42.5	6.32	49.8	7.81	56.8	9.39
	27	22.3	3.21	27.8	4.03	35.2	5.31	38.9	6.00	42.5	6.74	49.8	8.33	56.8	10.0
	29	22.3	3.40	27.8	4.28	35.2	5.64	38.9	6.38	42.5	7.18	49.8	8.89	56.8	10.7
	31	22.3	3.59	27.8	4.53	35.2	5.99	38.9	6.79	42.5	7.64	49.8	9.47	56.8	11.4
	33	22.3	3.80	27.8	4.80	35.2	6.36	38.9	7.21	42.5	8.12	49.8	10.1	56.8	12.2
	35	22.3	4.01	27.8	5.08	35.2	6.75	38.9	7.66	42.5	8.63	49.8	10.7	56.8	13.0
	37	22.3	4.23	27.8	5.38	35.2	7.16	38.9	8.13	42.5	9.17	49.8	11.4	56.8	13.8
	39	22.3	4.46	27.8	5.69	35.2	7.59	38.9	8.63	42.5	9.74	49.8	12.1	56.8	14.7
70% (385)	10	19.5	2.54	24.3	3.03	30.8	3.76	34.0	4.14	37.2	4.53	43.6	5.35	49.7	6.17
	12	19.5	2.57	24.3	3.07	30.8	3.82	34.0	4.20	37.2	4.61	43.6	5.44	49.7	6.29
	14	19.5	2.60	24.3	3.12	30.8	3.88	34.0	4.27	37.2	4.68	43.6	5.54	49.7	6.40
	16	19.5	2.64	24.3	3.16	30.8	3.94	34.0	4.35	37.2	4.77	43.6	5.64	49.7	6.52
	18	19.5	2.67	24.3	3.21	30.8	4.01	34.0	4.42	37.2	4.85	43.6	5.74	49.7	6.65
	20	19.5	2.71	24.3	3.26	30.8	4.07	34.0	4.50	37.2	4.94	43.6	5.85	49.7	6.78
	21	19.5	2.73	24.3	3.29	30.8	4.11	34.0	4.54	37.2	4.99	43.6	5.91	49.7	6.85
	23	19.5	2.77	24.3	3.34	30.8	4.18	34.0	4.62	37.2	5.08	43.6	6.11	49.7	7.28
	25	19.5	2.81	24.3	3.39	30.8	4.26	34.0	4.78	37.2	5.33	43.6	6.52	49.7	7.78
	27	19.5	2.85	24.3	3.50	30.8	4.53	34.0	5.09	37.2	5.68	43.6	6.95	49.7	8.31
	29	19.5	2.99	24.3	3.71	30.8	4.81	34.0	5.41	37.2	6.04	43.6	7.40	49.7	8.86
	31	19.5	3.16	24.3	3.93	30.8	5.10	34.0	5.74	37.2	6.42	43.6	7.88	49.7	9.44
	33	19.5	3.33	24.3	4.15	30.8	5.41	34.0	6.09	37.2	6.82	43.6	8.38	49.7	10.1
	35	19.5	3.52	24.3	4.39	30.8	5.73	34.0	6.46	37.2	7.24	43.6	8.91	49.7	10.7
	37	19.5	3.70	24.3	4.64	30.8	6.07	34.0	6.85	37.2	7.68	43.6	9.47	49.7	11.4
	39	19.5	3.90	24.3	4.89	30.8	6.43	34.0	7.26	37.2	8.15	43.6	10.1	49.7	12.1
60% (330)	10	16.7	2.27	20.8	2.67	26.4	3.26	29.2	3.57	31.9	3.88	37.3	4.54	42.6	5.22
	12	16.7	2.30	20.8	2.71	26.4	3.31	29.2	3.62	31.9	3.94	37.3	4.62	42.6	5.31
	14	16.7	2.32	20.8	2.74	26.4	3.36	29.2	3.68	31.9	4.01	37.3	4.70	42.6	5.40
	16	16.7	2.35	20.8	2.78	26.4	3.41	29.2	3.73	31.9	4.07	37.3	4.78	42.6	5.50
	18	16.7	2.38	20.8	2.82	26.4	3.46	29.2	3.80	31.9	4.14	37.3	4.87	42.6	5.60
	20	16.7	2.41	20.8	2.86	26.4	3.52	29.2	3.86	31.9	4.22	37.3	4.96	42.6	5.71
	21	16.7	2.42	20.8	2.88	26.4	3.54	29.2	3.89	31.9	4.25	37.3	5.00	42.6	5.77
	23	16.7	2.46	20.8	2.92	26.4	3.60	29.2	3.96	31.9	4.33	37.3	5.10	42.6	5.93
	25	16.7	2.49	20.8	2.97	26.4	3.66	29.2	4.03	31.9	4.43	37.3	5.35	42.6	6.33
	27	16.7	2.52	20.8	3.01	26.4	3.82	29.2	4.25	31.9	4.71	37.3	5.70	42.6	6.75
	29	16.7	2.62	20.8	3.18	26.4	4.05	29.2	4.51	31.9	5.01	37.3	6.06	42.6	7.18
	31	16.7	2.76	20.8	3.36	26.4	4.29	29.2	4.79	31.9	5.31	37.3	6.44	42.6	7.65
	33	16.7	2.91	20.8	3.55	26.4	4.54	29.2	5.07	31.9	5.63	37.3	6.85	42.6	8.13
	35	16.7	3.06	20.8	3.75	26.4	4.80	29.2	5.37	31.9	5.97	37.3	7.27	42.6	8.64
	37	16.7	3.22	20.8	3.95	26.4	5.08	29.2	5.68	31.9	6.33	37.3	7.71	42.6	9.18
	39	16.7	3.38	20.8	4.17	26.4	5.37	29.2	6.01	31.9	6.70	37.3	8.18	42.6	9.75
50% (275)	10	13.9	2.02	17.4	2.33	22.0	2.79	24.3	3.03	26.6	3.28	31.1	3.79	35.5	4.31
	12	13.9	2.04	17.4	2.36	22.0	2.83	24.3	3.07	26.6	3.32	31.1	3.85	35.5	4.38
	14	13.9	2.06	17.4	2.39	22.0	2.87	24.3	3.12	26.6	3.37	31.1	3.91	35.5	4.46
	16	13.9	2.08	17.4	2.42	22.0	2.91	24.3	3.16	26.6	3.43	31.1	3.98	35.5	4.54
	18	13.9	2.10	17.4	2.45	22.0	2.95	24.3	3.21	26.6	3.48	31.1	4.04	35.5	4.62
	20	13.9	2.13	17.4	2.48	22.0	2.99	24.3	3.26	26.6	3.54	31.1	4.11	35.5	4.70
	21	13.9	2.14	17.4	2.49	22.0	3.01	24.3	3.28	26.6	3.56	31.1	4.15	35.5	4.74
	23	13.9	2.16	17.4	2.53	22.0	3.06	24.3	3.34	26.6	3.62	31.1	4.22	35.5	4.83
	25	13.9	2.19	17.4	2.56	22.0	3.11	24.3	3.39	26.6	3.69	31.1	4.31	35.5	5.03
	27	13.9	2.22	17.4	2.60	22.0	3.17	24.3	3.50	26.6	3.84	31.1	4.58	35.5	5.35
	29	13.9	2.27	17.4	2.70	22.0	3.36	24.3	3.71	26.6	4.07	31.1	4.86	35.5	5.69
	31	13.9	2.39	17.4	2.85	22.0	3.55	24.3	3.92	26.6	4.32	31.1	5.16	35.5	6.05
	33	13.9	2.51	17.4	3.00	22.0	3.75	24.3	4.15	26.6	4.57	31.1	5.47	35.5	6.42
	35	13.9	2.64	17.4	3.16	22.0	3.96	24.3	4.38	26.6	4.83	31.1	5.80	35.5	6.81
	37	13.9	2.77	17.4	3.33	22.0	4.18	24.3	4.63	26.6	5.11	31.1	6.14	35.5	7.22
	39	13.9	2.90	17.4	3.50	22.0	4.40	24.3	4.89	26.6	5.40	31.1	6.50	35.5	7.66

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ24TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (780)	10	39.5	4.92	49.2	6.21	62.4	8.10	68.8	9.07	75.3	10.1	85.6	11.5	87.9	10.9
	12	39.5	5.00	49.2	6.32	62.4	8.25	68.8	9.24	75.3	10.3	84.5	11.4	86.8	10.9
	14	39.5	5.09	49.2	6.44	62.4	8.41	68.8	9.42	75.3	10.5	83.4	11.3	85.7	10.9
	16	39.5	5.18	49.2	6.56	62.4	8.57	68.8	9.60	75.3	10.7	82.3	11.4	84.6	11.5
	18	39.5	5.27	49.2	6.68	62.4	8.74	68.8	9.79	75.3	11.0	81.2	12.0	83.5	12.1
	20	39.5	5.37	49.2	6.81	62.4	8.95	68.8	10.3	75.3	11.8	80.1	12.6	82.4	12.7
	21	39.5	5.41	49.2	6.88	62.4	9.27	68.8	10.7	75.3	12.2	79.5	12.9	81.8	13.0
	23	39.5	5.52	49.2	7.16	62.4	9.93	68.8	11.5	75.3	13.1	78.4	13.5	80.7	13.6
	25	39.5	5.76	49.2	7.64	62.4	10.6	68.8	12.3	74.9	13.9	77.3	14.1	79.6	14.2
	27	39.5	6.14	49.2	8.15	62.4	11.3	68.8	13.1	73.8	14.5	76.2	14.7	78.5	14.8
	29	39.5	6.52	49.2	8.69	62.4	12.1	68.8	14.0	72.7	15.1	75.1	15.3	77.4	15.4
	31	39.5	6.93	49.2	9.25	62.4	12.9	68.8	15.0	71.6	15.7	74.0	15.8	76.3	16.0
	33	39.5	7.36	49.2	9.84	62.4	13.8	68.8	16.0	70.5	16.2	72.9	16.4	75.2	16.6
	35	39.5	7.81	49.2	10.5	62.4	14.7	68.2	16.7	69.4	16.8	71.8	17.1	74.1	17.3
	37	39.5	8.29	49.2	11.1	62.4	15.6	67.1	17.3	68.3	17.4	70.7	17.7	73.0	17.9
	39	39.5	8.79	49.2	11.8	62.4	16.7	65.9	17.9	67.2	18.0	69.6	18.3	71.9	18.5
120% (720)	10	36.4	4.54	45.4	5.70	57.6	7.39	63.5	8.27	69.5	9.17	81.4	11.0	86.5	11.3
	12	36.4	4.62	45.4	5.80	57.6	7.53	63.5	8.43	69.5	9.35	81.4	11.2	85.4	11.2
	14	36.4	4.69	45.4	5.90	57.6	7.67	63.5	8.59	69.5	9.52	81.4	11.4	84.3	11.1
	16	36.4	4.77	45.4	6.01	57.6	7.82	63.5	8.75	69.5	9.71	81.0	11.6	83.1	11.5
	18	36.4	4.85	45.4	6.12	57.6	7.97	63.5	8.92	69.5	9.90	79.9	11.9	82.0	12.1
	20	36.4	4.94	45.4	6.24	57.6	8.13	63.5	9.19	69.5	10.5	78.8	12.5	80.9	12.6
	21	36.4	4.98	45.4	6.30	57.6	8.28	63.5	9.52	69.5	10.8	78.2	12.8	80.4	12.9
	23	36.4	5.08	45.4	6.45	57.6	8.86	63.5	10.2	69.5	11.6	77.1	13.4	79.3	13.5
	25	36.4	5.24	45.4	6.88	57.6	9.48	63.5	10.9	69.5	12.4	76.0	14.0	78.2	14.1
	27	36.4	5.57	45.4	7.33	57.6	10.1	63.5	11.7	69.5	13.3	74.9	14.6	77.1	14.7
	29	36.4	5.92	45.4	7.81	57.6	10.8	63.5	12.4	69.5	14.2	73.8	15.2	76.0	15.3
	31	36.4	6.28	45.4	8.31	57.6	11.5	63.5	13.3	69.5	15.2	72.7	15.7	74.8	15.9
	33	36.4	6.67	45.4	8.83	57.6	12.3	63.5	14.2	69.4	16.2	71.6	16.3	73.7	16.5
	35	36.4	7.07	45.4	9.39	57.6	13.1	63.5	15.1	68.3	16.7	70.5	16.9	72.6	17.1
	37	36.4	7.49	45.4	9.97	57.6	13.9	63.5	16.1	67.2	17.3	69.4	17.5	71.5	17.7
	39	36.4	7.94	45.4	10.6	57.6	14.8	63.5	17.1	66.1	17.9	68.3	18.1	70.4	18.4
110% (660)	10	33.4	4.18	41.6	5.20	52.8	6.71	58.2	7.49	63.7	8.30	74.6	9.95	85.0	11.6
	12	33.4	4.24	41.6	5.29	52.8	6.83	58.2	7.63	63.7	8.45	74.6	10.1	83.9	11.5
	14	33.4	4.31	41.6	5.38	52.8	6.96	58.2	7.77	63.7	8.61	74.6	10.3	82.8	11.5
	16	33.4	4.38	41.6	5.48	52.8	7.09	58.2	7.92	63.7	8.78	74.6	10.5	81.7	11.4
	18	33.4	4.45	41.6	5.57	52.8	7.22	58.2	8.08	63.7	8.95	74.6	10.8	80.6	12.0
	20	33.4	4.53	41.6	5.68	52.8	7.36	58.2	8.24	63.7	9.23	74.6	11.6	79.5	12.6
	21	33.4	4.57	41.6	5.73	52.8	7.44	58.2	8.42	63.7	9.56	74.6	12.0	78.9	12.8
	23	33.4	4.65	41.6	5.84	52.8	7.86	58.2	9.01	63.7	10.2	74.6	12.9	77.8	13.4
	25	33.4	4.73	41.6	6.16	52.8	8.40	58.2	9.63	63.7	11.0	74.6	13.8	76.7	14.0
	27	33.4	5.03	41.6	6.56	52.8	8.96	58.2	10.3	63.7	11.7	73.7	14.5	75.6	14.6
	29	33.4	5.34	41.6	6.98	52.8	9.56	58.2	11.0	63.7	12.5	72.5	15.1	74.5	15.2
	31	33.4	5.66	41.6	7.42	52.8	10.2	58.2	11.7	63.7	13.3	71.4	15.6	73.4	15.8
	33	33.4	6.00	41.6	7.88	52.8	10.8	58.2	12.5	63.7	14.2	70.3	16.2	72.3	16.4
	35	33.4	6.36	41.6	8.37	52.8	11.5	58.2	13.3	63.7	15.2	69.2	16.8	71.2	17.0
	37	33.4	6.74	41.6	8.88	52.8	12.3	58.2	14.1	63.7	16.2	68.1	17.4	70.1	17.6
	39	33.4	7.13	41.6	9.43	52.8	13.1	58.2	15.1	63.7	17.2	67.0	18.0	69.0	18.2
100% (600)	10	30.4	3.82	37.9	4.72	48.0	6.04	53.0	6.73	57.9	7.45	67.8	8.91	77.3	10.4
	12	30.4	3.88	37.9	4.80	48.0	6.15	53.0	6.85	57.9	7.58	67.8	9.08	77.3	10.6
	14	30.4	3.94	37.9	4.88	48.0	6.26	53.0	6.98	57.9	7.73	67.8	9.25	77.3	10.8
	16	30.4	4.00	37.9	4.96	48.0	6.38	53.0	7.11	57.9	7.87	67.8	9.43	77.3	11.0
	18	30.4	4.06	37.9	5.05	48.0	6.50	53.0	7.25	57.9	8.03	67.8	9.62	77.3	11.4
	20	30.4	4.13	37.9	5.14	48.0	6.62	53.0	7.39	57.9	8.19	67.8	10.1	77.3	12.3
	21	30.4	4.16	37.9	5.18	48.0	6.69	53.0	7.46	57.9	8.35	67.8	10.5	77.3	12.7
	23	30.4	4.23	37.9	5.28	48.0	6.92	53.0	7.90	57.9	8.94	67.8	11.2	76.4	13.3
	25	30.4	4.31	37.9	5.48	48.0	7.39	53.0	8.44	57.9	9.56	67.8	12.0	75.3	13.9
	27	30.4	4.52	37.9	5.83	48.0	7.88	53.0	9.00	57.9	10.2	67.8	12.8	74.2	14.5
	29	30.4	4.79	37.9	6.20	48.0	8.39	53.0	9.60	57.9	10.9	67.8	13.7	73.1	15.1
	31	30.4	5.08	37.9	6.58	48.0	8.94	53.0	10.2	57.9	11.6	67.8	14.6	72.0	15.7
	33	30.4	5.38	37.9	6.99	48.0	9.51	53.0	10.9	57.9	12.4	67.8	15.6	70.8	16.3
	35	30.4	5.69	37.9	7.41	48.0	10.1	53.0	11.6	57.9	13.2	67.8	16.6	69.7	16.9
	37	30.4	6.02	37.9	7.86	48.0	10.7	53.0	12.3	57.9	14.0	66.9	17.3	68.6	17.5
	39	30.4	6.37	37.9	8.33	48.0	11.4	53.0	13.1	57.9	14.9	65.8	17.9	67.5	18.1
90% (540)	10	27.3	3.48	34.1	4.26	43.2	5.40	47.7	6.00	52.1	6.62	61.0	7.90	69.6	9.18
	12	27.3	3.53	34.1	4.32	43.2	5.49	47.7	6.10	52.1	6.74	61.0	8.04	69.6	9.36
	14	27.3	3.58	34.1	4.39	43.2	5.59	47.7	6.21	52.1	6.86	61.0	8.20	69.6	9.53
	16	27.3	3.63	34.1	4.46	43.2	5.69	47.7	6.33	52.1	6.99	61.0	8.35	69.6	9.72
	18	27.3	3.69	34.1	4.54	43.2	5.79	47.7	6.45	52.1	7.12	61.0	8.52	69.6	9.91
	20	27.3	3.75	34.1	4.62	43.2	5.90	47.7	6.57	52.1	7.26	61.0	8.69	69.6	10.5
	21	27.3	3.77	34.1	4.66	43.2	5.96	47.7	6.63	52.1	7.34	61.0	8.98	69.6	10.9
	23	27.3	3.84	34.1	4.74	43.2	6.07	47.7	6.86	52.1	7.73	61.0	9.62	69.6	11.6
	25	27.3	3.90	34.1	4.84	43.2	6.45	47.7	7.32	52.1	8.26	61.0	10.3	69.6	12.5
	27	27.3	4.04	34.1	5.15	43.2	6.87	47.7	7.81	52.1	8.82	61.0	11.0	69.6	13.3
	29	27.3	4.28	34.1	5.46	43.2	7.31	47.7	8.32	52.1	9.40	61.0	11.7	69.6	14.2
	31	27.3	4.53	34.1	5.80	43.2	7.77	47.7	8.85	52.1	10.0	61.0	12.5	69.6	15.2
	33	27.3	4.79	34.1	6.15	43.2	8.26	47.7	9.42	52.1	10.7	61.0	13.3	69.4	16.2
	35	27.3	5.07	34.1	6.51	43.2	8.78	47.7	10.0	52.1	11.3	61.0	14.2	68.3	16.7
	37	27.3	5.35	34.1	6.90	43.2	9.32	47.7	10.6	52.1	12.1	61.0	15.1	67.2	17.3
	39	27.3	5.66	34.1	7.31	43.2	9.89	47.7	11.3	52.1	12.8	61.0	16.1	66.1	17.9

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (480)	10	24.3	3.15	30.3	3.81	38.4	4.79	42.4	5.29	46.3	5.82	54.2	6.91	61.9	8.02
	12	24.3	3.19	30.3	3.87	38.4	4.86	42.4	5.38	46.3	5.92	54.2	7.04	61.9	8.17
	14	24.3	3.24	30.3	3.93	38.4	4.95	42.4	5.48	46.3	6.03	54.2	7.17	61.9	8.32
	16	24.3	3.28	30.3	3.99	38.4	5.03	42.4	5.57	46.3	6.14	54.2	7.31	61.9	8.49
	18	24.3	3.33	30.3	4.05	38.4	5.12	42.4	5.68	46.3	6.25	54.2	7.45	61.9	8.65
	20	24.3	3.38	30.3	4.12	38.4	5.21	42.4	5.78	46.3	6.37	54.2	7.59	61.9	8.85
	21	24.3	3.40	30.3	4.15	38.4	5.26	42.4	5.84	46.3	6.43	54.2	7.67	61.9	9.16
	23	24.3	3.45	30.3	4.22	38.4	5.36	42.4	5.95	46.3	6.62	54.2	8.16	61.9	9.81
	25	24.3	3.51	30.3	4.30	38.4	5.57	42.4	6.29	46.3	7.06	54.2	8.72	61.9	10.5
	27	24.3	3.59	30.3	4.51	38.4	5.93	42.4	6.70	46.3	7.53	54.2	9.31	61.9	11.2
	29	24.3	3.80	30.3	4.78	38.4	6.30	42.4	7.13	46.3	8.02	54.2	9.93	61.9	12.0
	31	24.3	4.01	30.3	5.07	38.4	6.70	42.4	7.58	46.3	8.53	54.2	10.6	61.9	12.8
	33	24.3	4.24	30.3	5.36	38.4	7.11	42.4	8.06	46.3	9.07	54.2	11.3	61.9	13.6
	35	24.3	4.48	30.3	5.68	38.4	7.54	42.4	8.56	46.3	9.64	54.2	12.0	61.9	14.5
	37	24.3	4.73	30.3	6.01	38.4	8.00	42.4	9.08	46.3	10.2	54.2	12.8	61.9	15.5
	39	24.3	4.99	30.3	6.35	38.4	8.48	42.4	9.64	46.3	10.9	54.2	13.6	61.9	16.5
70% (420)	10	21.3	2.84	26.5	3.39	33.6	4.20	37.1	4.62	40.6	5.06	47.5	5.97	54.1	6.90
	12	21.3	2.87	26.5	3.43	33.6	4.26	37.1	4.70	40.6	5.15	47.5	6.08	54.1	7.02
	14	21.3	2.91	26.5	3.48	33.6	4.33	37.1	4.77	40.6	5.23	47.5	6.19	54.1	7.15
	16	21.3	2.95	26.5	3.53	33.6	4.40	37.1	4.85	40.6	5.32	47.5	6.30	54.1	7.29
	18	21.3	2.98	26.5	3.59	33.6	4.48	37.1	4.94	40.6	5.42	47.5	6.42	54.1	7.43
	20	21.3	3.03	26.5	3.64	33.6	4.55	37.1	5.03	40.6	5.52	47.5	6.54	54.1	7.58
	21	21.3	3.05	26.5	3.67	33.6	4.59	37.1	5.07	40.6	5.57	47.5	6.60	54.1	7.65
	23	21.3	3.09	26.5	3.73	33.6	4.67	37.1	5.17	40.6	5.68	47.5	6.82	54.1	8.14
	25	21.3	3.14	26.5	3.79	33.6	4.76	37.1	5.34	40.6	5.96	47.5	7.28	54.1	8.69
	27	21.3	3.18	26.5	3.91	33.6	5.06	37.1	5.68	40.6	6.34	47.5	7.77	54.1	9.28
	29	21.3	3.34	26.5	4.14	33.6	5.37	37.1	6.04	40.6	6.75	47.5	8.27	54.1	9.90
	31	21.3	3.53	26.5	4.39	33.6	5.70	37.1	6.41	40.6	7.17	47.5	8.81	54.1	10.5
	33	21.3	3.72	26.5	4.64	33.6	6.04	37.1	6.81	40.6	7.62	47.5	9.37	54.1	11.2
	35	21.3	3.93	26.5	4.90	33.6	6.40	37.1	7.22	40.6	8.09	47.5	9.96	54.1	12.0
	37	21.3	4.14	26.5	5.18	33.6	6.78	37.1	7.65	40.6	8.58	47.5	10.6	54.1	12.7
	39	21.3	4.36	26.5	5.47	33.6	7.18	37.1	8.11	40.6	9.10	47.5	11.2	54.1	13.5
60% (360)	10	18.2	2.54	22.7	2.99	28.8	3.64	31.8	3.98	34.8	4.34	40.7	5.08	46.4	5.83
	12	18.2	2.57	22.7	3.02	28.8	3.69	31.8	4.04	34.8	4.41	40.7	5.16	46.4	5.93
	14	18.2	2.60	22.7	3.06	28.8	3.75	31.8	4.11	34.8	4.48	40.7	5.25	46.4	6.04
	16	18.2	2.63	22.7	3.10	28.8	3.81	31.8	4.17	34.8	4.55	40.7	5.34	46.4	6.15
	18	18.2	2.66	22.7	3.15	28.8	3.87	31.8	4.24	34.8	4.63	40.7	5.44	46.4	6.26
	20	18.2	2.69	22.7	3.19	28.8	3.93	31.8	4.31	34.8	4.71	40.7	5.54	46.4	6.38
	21	18.2	2.71	22.7	3.22	28.8	3.96	31.8	4.35	34.8	4.75	40.7	5.59	46.4	6.44
	23	18.2	2.74	22.7	3.26	28.8	4.03	31.8	4.42	34.8	4.84	40.7	5.70	46.4	6.63
	25	18.2	2.78	22.7	3.31	28.8	4.09	31.8	4.50	34.8	4.95	40.7	5.98	46.4	7.07
	27	18.2	2.82	22.7	3.36	28.8	4.27	31.8	4.75	34.8	5.27	40.7	6.37	46.4	7.54
	29	18.2	2.92	22.7	3.56	28.8	4.52	31.8	5.04	34.8	5.59	40.7	6.77	46.4	8.03
	31	18.2	3.08	22.7	3.76	28.8	4.79	31.8	5.35	34.8	5.94	40.7	7.20	46.4	8.54
	33	18.2	3.25	22.7	3.97	28.8	5.07	31.8	5.66	34.8	6.30	40.7	7.65	46.4	9.08
	35	18.2	3.42	22.7	4.19	28.8	5.36	31.8	6.00	34.8	6.67	40.7	8.12	46.4	9.66
	37	18.2	3.59	22.7	4.42	28.8	5.67	31.8	6.35	34.8	7.07	40.7	8.62	46.4	10.3
	39	18.2	3.78	22.7	4.65	28.8	5.99	31.8	6.72	34.8	7.49	40.7	9.14	46.4	10.9
50% (300)	10	15.2	2.26	18.9	2.61	24.0	3.12	26.5	3.38	29.0	3.66	33.9	4.23	38.7	4.82
	12	15.2	2.28	18.9	2.64	24.0	3.16	26.5	3.43	29.0	3.71	33.9	4.30	38.7	4.90
	14	15.2	2.30	18.9	2.67	24.0	3.20	26.5	3.48	29.0	3.77	33.9	4.37	38.7	4.98
	16	15.2	2.33	18.9	2.70	24.0	3.25	26.5	3.53	29.0	3.83	33.9	4.44	38.7	5.07
	18	15.2	2.35	18.9	2.73	24.0	3.29	26.5	3.58	29.0	3.89	33.9	4.52	38.7	5.16
	20	15.2	2.38	18.9	2.77	24.0	3.34	26.5	3.64	29.0	3.95	33.9	4.59	38.7	5.25
	21	15.2	2.39	18.9	2.79	24.0	3.37	26.5	3.67	29.0	3.98	33.9	4.63	38.7	5.30
	23	15.2	2.42	18.9	2.82	24.0	3.42	26.5	3.73	29.0	4.05	33.9	4.72	38.7	5.40
	25	15.2	2.45	18.9	2.86	24.0	3.47	26.5	3.79	29.0	4.12	33.9	4.81	38.7	5.62
	27	15.2	2.48	18.9	2.90	24.0	3.54	26.5	3.91	29.0	4.29	33.9	5.12	38.7	5.98
	29	15.2	2.53	18.9	3.02	24.0	3.75	26.5	4.14	29.0	4.55	33.9	5.43	38.7	6.36
	31	15.2	2.67	18.9	3.18	24.0	3.96	26.5	4.38	29.0	4.82	33.9	5.76	38.7	6.75
	33	15.2	2.80	18.9	3.35	24.0	4.19	26.5	4.63	29.0	5.10	33.9	6.11	38.7	7.17
	35	15.2	2.94	18.9	3.53	24.0	4.42	26.5	4.90	29.0	5.40	33.9	6.47	38.7	7.61
	37	15.2	3.09	18.9	3.72	24.0	4.67	26.5	5.17	29.0	5.71	33.9	6.86	38.7	8.07
	39	15.2	3.25	18.9	3.91	24.0	4.92	26.5	5.46	29.0	6.04	33.9	7.26	38.7	8.56

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ26TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (845)	10	42.7	5.39	53.2	6.81	67.4	8.87	74.4	9.93	81.4	11.0	92.5	12.5	95.0	12.0
	12	42.7	5.48	53.2	6.93	67.4	9.04	74.4	10.1	81.4	11.2	91.3	12.5	93.8	11.9
	14	42.7	5.58	53.2	7.05	67.4	9.21	74.4	10.3	81.4	11.4	90.1	12.4	92.6	12.0
	16	42.7	5.67	53.2	7.18	67.4	9.39	74.4	10.5	81.4	11.7	88.9	12.5	91.4	12.6
	18	42.7	5.77	53.2	7.32	67.4	9.57	74.4	10.7	81.4	12.0	87.7	13.2	90.2	13.3
	20	42.7	5.88	53.2	7.46	67.4	9.81	74.4	11.3	81.4	12.9	86.5	13.8	89.0	13.9
	21	42.7	5.93	53.2	7.53	67.4	10.2	74.4	11.7	81.4	13.4	85.9	14.1	88.4	14.3
	23	42.7	6.04	53.2	7.84	67.4	10.9	74.4	12.6	81.4	14.4	84.7	14.8	87.2	14.9
	25	42.7	6.31	53.2	8.37	67.4	11.6	74.4	13.4	81.0	15.2	83.6	15.4	86.1	15.6
	27	42.7	6.72	53.2	8.93	67.4	12.4	74.4	14.4	79.8	15.9	82.4	16.1	84.9	16.2
	29	42.7	7.15	53.2	9.52	67.4	13.3	74.4	15.4	78.6	16.5	81.2	16.7	83.7	16.9
	31	42.7	7.59	53.2	10.1	67.4	14.2	74.4	16.4	77.4	17.2	80.0	17.4	82.5	17.6
	33	42.7	8.06	53.2	10.8	67.4	15.1	74.4	17.5	76.2	17.8	78.8	18.0	81.3	18.2
	35	42.7	8.56	53.2	11.5	67.4	16.1	73.7	18.3	75.0	18.4	77.6	18.7	80.1	18.9
	37	42.7	9.08	53.2	12.2	67.4	17.1	72.5	19.0	73.8	19.1	76.4	19.3	78.9	19.6
	39	42.7	9.63	53.2	13.0	67.4	18.3	71.3	19.6	72.6	19.8	75.2	20.0	77.7	20.3
120% (780)	10	39.4	4.98	49.1	6.24	62.2	8.10	68.7	9.06	75.1	10.0	87.9	12.1	93.5	12.3
	12	39.4	5.06	49.1	6.35	62.2	8.25	68.7	9.23	75.1	10.2	87.9	12.3	92.3	12.3
	14	39.4	5.14	49.1	6.46	62.2	8.40	68.7	9.41	75.1	10.4	87.9	12.5	91.1	12.2
	16	39.4	5.23	49.1	6.58	62.2	8.56	68.7	9.59	75.1	10.6	87.6	12.7	89.9	12.6
	18	39.4	5.32	49.1	6.70	62.2	8.73	68.7	9.78	75.1	10.8	86.4	13.1	88.7	13.2
	20	39.4	5.41	49.1	6.83	62.2	8.90	68.7	10.1	75.1	11.5	85.2	13.7	87.5	13.8
	21	39.4	5.46	49.1	6.90	62.2	9.07	68.7	10.4	75.1	11.9	84.6	14.0	86.9	14.2
	23	39.4	5.56	49.1	7.06	62.2	9.71	68.7	11.2	75.1	12.7	83.4	14.7	85.7	14.8
	25	39.4	5.73	49.1	7.54	62.2	10.4	68.7	11.9	75.1	13.6	82.2	15.3	84.5	15.5
	27	39.4	6.10	49.1	8.03	62.2	11.1	68.7	12.8	75.1	14.6	81.0	16.0	83.3	16.1
	29	39.4	6.48	49.1	8.55	62.2	11.8	68.7	13.6	75.1	15.6	79.8	16.6	82.1	16.8
	31	39.4	6.88	49.1	9.10	62.2	12.6	68.7	14.6	75.1	16.6	78.6	17.3	80.9	17.4
	33	39.4	7.30	49.1	9.68	62.2	13.4	68.7	15.5	75.0	17.7	77.4	17.9	79.7	18.1
	35	39.4	7.74	49.1	10.3	62.2	14.3	68.7	16.5	73.8	18.3	76.2	18.6	78.5	18.8
	37	39.4	8.21	49.1	10.9	62.2	15.2	68.7	17.6	72.6	19.0	75.0	19.2	77.3	19.4
	39	39.4	8.70	49.1	11.6	62.2	16.2	68.7	18.8	71.4	19.6	73.8	19.9	76.1	20.1
110% (715)	10	36.1	4.57	45.0	5.70	57.0	7.35	63.0	8.21	68.9	9.09	80.6	10.9	91.9	12.7
	12	36.1	4.65	45.0	5.79	57.0	7.48	63.0	8.36	68.9	9.26	80.6	11.1	90.7	12.6
	14	36.1	4.72	45.0	5.89	57.0	7.62	63.0	8.51	68.9	9.44	80.6	11.3	89.5	12.6
	16	36.1	4.80	45.0	6.00	57.0	7.76	63.0	8.68	68.9	9.62	80.6	11.5	88.3	12.5
	18	36.1	4.88	45.0	6.11	57.0	7.91	63.0	8.85	68.9	9.81	80.6	11.8	87.1	13.1
	20	36.1	4.96	45.0	6.22	57.0	8.07	63.0	9.02	68.9	10.1	80.6	12.7	85.9	13.8
	21	36.1	5.00	45.0	6.28	57.0	8.15	63.0	9.22	68.9	10.5	80.6	13.2	85.3	14.1
	23	36.1	5.09	45.0	6.40	57.0	8.61	63.0	9.87	68.9	11.2	80.6	14.1	84.1	14.7
	25	36.1	5.18	45.0	6.75	57.0	9.20	63.0	10.6	68.9	12.0	80.6	15.2	82.9	15.4
	27	36.1	5.51	45.0	7.19	57.0	9.82	63.0	11.3	68.9	12.8	79.6	15.9	81.7	16.0
	29	36.1	5.85	45.0	7.64	57.0	10.5	63.0	12.0	68.9	13.7	78.4	16.5	80.5	16.7
	31	36.1	6.20	45.0	8.13	57.0	11.2	63.0	12.8	68.9	14.6	77.2	17.1	79.3	17.3
	33	36.1	6.58	45.0	8.63	57.0	11.9	63.0	13.7	68.9	15.6	76.0	17.8	78.1	18.0
	35	36.1	6.97	45.0	9.17	57.0	12.6	63.0	14.6	68.9	16.6	74.8	18.4	76.9	18.6
	37	36.1	7.38	45.0	9.73	57.0	13.4	63.0	15.5	68.9	17.7	73.6	19.1	75.8	19.3
	39	36.1	7.81	45.0	10.3	57.0	14.3	63.0	16.5	68.9	18.9	72.4	19.7	74.6	20.0
100% (650)	10	32.8	4.19	40.9	5.17	51.9	6.62	57.2	7.38	62.6	8.16	73.3	9.76	83.6	11.4
	12	32.8	4.25	40.9	5.25	51.9	6.74	57.2	7.51	62.6	8.31	73.3	9.95	83.6	11.6
	14	32.8	4.31	40.9	5.34	51.9	6.86	57.2	7.65	62.6	8.46	73.3	10.1	83.6	11.8
	16	32.8	4.38	40.9	5.43	51.9	6.98	57.2	7.79	62.6	8.62	73.3	10.3	83.6	12.0
	18	32.8	4.45	40.9	5.53	51.9	7.12	57.2	7.94	62.6	8.79	73.3	10.5	83.6	12.5
	20	32.8	4.52	40.9	5.63	51.9	7.25	57.2	8.10	62.6	8.97	73.3	11.1	83.6	13.4
	21	32.8	4.56	40.9	5.68	51.9	7.32	57.2	8.18	62.6	9.15	73.3	11.5	83.6	13.9
	23	32.8	4.64	40.9	5.78	51.9	7.58	57.2	8.65	62.6	9.80	73.3	12.3	82.6	14.6
	25	32.8	4.72	40.9	6.00	51.9	8.10	57.2	9.24	62.6	10.5	73.3	13.1	81.4	15.3
	27	32.8	4.95	40.9	6.39	51.9	8.63	57.2	9.86	62.6	11.2	73.3	14.0	80.2	15.9
	29	32.8	5.25	40.9	6.79	51.9	9.20	57.2	10.5	62.6	11.9	73.3	15.0	79.0	16.5
	31	32.8	5.57	40.9	7.21	51.9	9.79	57.2	11.2	62.6	12.7	73.3	16.0	77.8	17.2
	33	32.8	5.89	40.9	7.65	51.9	10.4	57.2	11.9	62.6	13.6	73.3	17.1	76.6	17.8
	35	32.8	6.24	40.9	8.12	51.9	11.1	57.2	12.7	62.6	14.4	73.3	18.2	75.4	18.5
	37	32.8	6.60	40.9	8.61	51.9	11.8	57.2	13.5	62.6	15.4	72.3	19.0	74.2	19.1
	39	32.8	6.98	40.9	9.13	51.9	12.5	57.2	14.4	62.6	16.4	71.1	19.6	73.0	19.8
90% (585)	10	29.5	3.81	36.8	4.66	46.7	5.92	51.5	6.57	56.4	7.25	66.0	8.65	75.2	10.1
	12	29.5	3.86	36.8	4.74	46.7	6.02	51.5	6.69	56.4	7.38	66.0	8.81	75.2	10.2
	14	29.5	3.92	36.8	4.81	46.7	6.12	51.5	6.81	56.4	7.52	66.0	8.98	75.2	10.4
	16	29.5	3.98	36.8	4.89	46.7	6.23	51.5	6.93	56.4	7.66	66.0	9.15	75.2	10.6
	18	29.5	4.04	36.8	4.97	46.7	6.35	51.5	7.06	56.4	7.80	66.0	9.33	75.2	10.9
	20	29.5	4.10	36.8	5.06	46.7	6.47	51.5	7.20	56.4	7.96	66.0	9.52	75.2	11.5
	21	29.5	4.14	36.8	5.10	46.7	6.53	51.5	7.27	56.4	8.04	66.0	9.84	75.2	11.9
	23	29.5	4.20	36.8	5.19	46.7	6.65	51.5	7.52	56.4	8.47	66.0	10.5	75.2	12.8
	25	29.5	4.27	36.8	5.30	46.7	7.06	51.5	8.02	56.4	9.05	66.0	11.3	75.2	13.7
	27	29.5	4.42	36.8	5.64	46.7	7.52	51.5	8.55	56.4	9.66	66.0	12.0	75.2	14.6
	29	29.5	4.69	36.8	5.99	46.7	8.01	51.5	9.11	56.4	10.3	66.0	12.9	75.2	15.6
	31	29.5	4.96	36.8	6.35	46.7	8.52	51.5	9.70	56.4	11.0	66.0	13.7	75.2	16.7
	33	29.5	5.25	36.8	6.73	46.7	9.05	51.5	10.3	56.4	11.7	66.0	14.6	75.0	17.7
	35	29.5	5.55	36.8	7.14	46.7	9.61	51.5	11.0	56.4	12.4	66.0	15.6	73.8	18.3
	37	29.5	5.87	36.8	7.56	46.7	10.2	51.5	11.7	56.4	13.2	66.0	16.6	72.6	19.0
	39	29.5	6.20	36.8	8.00	46.7	10.8	51.5	12.4	56.4	14.1	66.0	17.7	71.4	19.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (520)	10	26.3	3.45	32.7	4.18	41.5	5.24	45.8	5.80	50.1	6.38	58.6	7.57	66.9	8.79
	12	26.3	3.50	32.7	4.24	41.5	5.33	45.8	5.90	50.1	6.49	58.6	7.71	66.9	8.95
	14	26.3	3.54	32.7	4.30	41.5	5.42	45.8	6.00	50.1	6.60	58.6	7.86	66.9	9.12
	16	26.3	3.59	32.7	4.37	41.5	5.51	45.8	6.11	50.1	6.73	58.6	8.00	66.9	9.29
	18	26.3	3.65	32.7	4.44	41.5	5.61	45.8	6.22	50.1	6.85	58.6	8.16	66.9	9.48
	20	26.3	3.70	32.7	4.51	41.5	5.71	45.8	6.33	50.1	6.98	58.6	8.32	66.9	9.69
	21	26.3	3.73	32.7	4.55	41.5	5.76	45.8	6.39	50.1	7.05	58.6	8.40	66.9	10.0
	23	26.3	3.78	32.7	4.63	41.5	5.87	45.8	6.52	50.1	7.25	58.6	8.94	66.9	10.7
	25	26.3	3.84	32.7	4.71	41.5	6.10	45.8	6.89	50.1	7.74	58.6	9.55	66.9	11.5
	27	26.3	3.93	32.7	4.94	41.5	6.49	45.8	7.34	50.1	8.25	58.6	10.2	66.9	12.3
	29	26.3	4.16	32.7	5.24	41.5	6.90	45.8	7.81	50.1	8.78	58.6	10.9	66.9	13.1
	31	26.3	4.40	32.7	5.55	41.5	7.33	45.8	8.31	50.1	9.35	58.6	11.6	66.9	14.0
	33	26.3	4.65	32.7	5.88	41.5	7.79	45.8	8.83	50.1	9.94	58.6	12.3	66.9	14.9
	35	26.3	4.90	32.7	6.22	41.5	8.26	45.8	9.37	50.1	10.6	58.6	13.1	66.9	15.9
	37	26.3	5.18	32.7	6.58	41.5	8.76	45.8	9.95	50.1	11.2	58.6	14.0	66.9	16.9
	39	26.3	5.46	32.7	6.96	41.5	9.29	45.8	10.6	50.1	11.9	58.6	14.9	66.9	18.0
70% (455)	10	23.0	3.11	28.6	3.71	36.3	4.60	40.1	5.06	43.8	5.54	51.3	6.54	58.5	7.56
	12	23.0	3.15	28.6	3.76	36.3	4.67	40.1	5.14	43.8	5.64	51.3	6.66	58.5	7.69
	14	23.0	3.19	28.6	3.82	36.3	4.74	40.1	5.23	43.8	5.73	51.3	6.78	58.5	7.84
	16	23.0	3.23	28.6	3.87	36.3	4.82	40.1	5.32	43.8	5.83	51.3	6.90	58.5	7.98
	18	23.0	3.27	28.6	3.93	36.3	4.90	40.1	5.41	43.8	5.94	51.3	7.03	58.5	8.14
	20	23.0	3.31	28.6	3.99	36.3	4.99	40.1	5.51	43.8	6.05	51.3	7.17	58.5	8.30
	21	23.0	3.34	28.6	4.02	36.3	5.03	40.1	5.56	43.8	6.10	51.3	7.23	58.5	8.38
	23	23.0	3.39	28.6	4.09	36.3	5.12	40.1	5.66	43.8	6.22	51.3	7.48	58.5	8.91
	25	23.0	3.44	28.6	4.15	36.3	5.22	40.1	5.85	43.8	6.53	51.3	7.98	58.5	9.52
	27	23.0	3.49	28.6	4.29	36.3	5.54	40.1	6.23	43.8	6.95	51.3	8.51	58.5	10.2
	29	23.0	3.66	28.6	4.54	36.3	5.89	40.1	6.62	43.8	7.39	51.3	9.06	58.5	10.8
	31	23.0	3.87	28.6	4.80	36.3	6.24	40.1	7.03	43.8	7.86	51.3	9.65	58.5	11.6
	33	23.0	4.08	28.6	5.08	36.3	6.62	40.1	7.46	43.8	8.35	51.3	10.3	58.5	12.3
	35	23.0	4.30	28.6	5.37	36.3	7.01	40.1	7.91	43.8	8.86	51.3	10.9	58.5	13.1
	37	23.0	4.53	28.6	5.67	36.3	7.43	40.1	8.38	43.8	9.40	51.3	11.6	58.5	13.9
	39	23.0	4.78	28.6	5.99	36.3	7.87	40.1	8.88	43.8	9.97	51.3	12.3	58.5	14.8
60% (390)	10	19.7	2.78	24.6	3.27	31.1	3.99	34.3	4.36	37.6	4.75	44.0	5.56	50.1	6.38
	12	19.7	2.81	24.6	3.31	31.1	4.05	34.3	4.43	37.6	4.83	44.0	5.65	50.1	6.50
	14	19.7	2.84	24.6	3.36	31.1	4.11	34.3	4.50	37.6	4.91	44.0	5.75	50.1	6.61
	16	19.7	2.88	24.6	3.40	31.1	4.17	34.3	4.57	37.6	4.99	44.0	5.85	50.1	6.73
	18	19.7	2.91	24.6	3.45	31.1	4.23	34.3	4.65	37.6	5.07	44.0	5.96	50.1	6.86
	20	19.7	2.95	24.6	3.50	31.1	4.30	34.3	4.72	37.6	5.16	44.0	6.07	50.1	6.99
	21	19.7	2.97	24.6	3.52	31.1	4.34	34.3	4.76	37.6	5.21	44.0	6.12	50.1	7.06
	23	19.7	3.01	24.6	3.57	31.1	4.41	34.3	4.85	37.6	5.30	44.0	6.24	50.1	7.26
	25	19.7	3.05	24.6	3.63	31.1	4.49	34.3	4.93	37.6	5.43	44.0	6.55	50.1	7.74
	27	19.7	3.09	24.6	3.69	31.1	4.67	34.3	5.21	37.6	5.77	44.0	6.98	50.1	8.26
	29	19.7	3.20	24.6	3.90	31.1	4.95	34.3	5.52	37.6	6.13	44.0	7.42	50.1	8.79
	31	19.7	3.37	24.6	4.12	31.1	5.25	34.3	5.86	37.6	6.50	44.0	7.89	50.1	9.36
	33	19.7	3.56	24.6	4.35	31.1	5.55	34.3	6.21	37.6	6.90	44.0	8.38	50.1	9.95
	35	19.7	3.74	24.6	4.59	31.1	5.88	34.3	6.57	37.6	7.31	44.0	8.89	50.1	10.6
	37	19.7	3.94	24.6	4.84	31.1	6.21	34.3	6.95	37.6	7.74	44.0	9.44	50.1	11.2
	39	19.7	4.14	24.6	5.10	31.1	6.57	34.3	7.36	37.6	8.20	44.0	10.0	50.1	11.9
50% (325)	10	16.4	2.47	20.5	2.86	25.9	3.42	28.6	3.71	31.3	4.01	36.6	4.64	41.8	5.28
	12	16.4	2.50	20.5	2.89	25.9	3.46	28.6	3.76	31.3	4.07	36.6	4.71	41.8	5.37
	14	16.4	2.52	20.5	2.92	25.9	3.51	28.6	3.81	31.3	4.13	36.6	4.79	41.8	5.46
	16	16.4	2.55	20.5	2.96	25.9	3.56	28.6	3.87	31.3	4.19	36.6	4.87	41.8	5.55
	18	16.4	2.57	20.5	2.99	25.9	3.61	28.6	3.93	31.3	4.26	36.6	4.95	41.8	5.65
	20	16.4	2.60	20.5	3.03	25.9	3.66	28.6	3.99	31.3	4.33	36.6	5.03	41.8	5.75
	21	16.4	2.62	20.5	3.05	25.9	3.69	28.6	4.02	31.3	4.36	36.6	5.08	41.8	5.80
	23	16.4	2.65	20.5	3.09	25.9	3.74	28.6	4.08	31.3	4.44	36.6	5.17	41.8	5.91
	25	16.4	2.68	20.5	3.14	25.9	3.80	28.6	4.15	31.3	4.51	36.6	5.27	41.8	6.16
	27	16.4	2.71	20.5	3.18	25.9	3.88	28.6	4.28	31.3	4.70	36.6	5.60	41.8	6.55
	29	16.4	2.77	20.5	3.31	25.9	4.11	28.6	4.53	31.3	4.99	36.6	5.95	41.8	6.96
	31	16.4	2.92	20.5	3.49	25.9	4.34	28.6	4.80	31.3	5.28	36.6	6.31	41.8	7.40
	33	16.4	3.07	20.5	3.67	25.9	4.59	28.6	5.08	31.3	5.59	36.6	6.69	41.8	7.86
	35	16.4	3.23	20.5	3.87	25.9	4.84	28.6	5.36	31.3	5.92	36.6	7.09	41.8	8.33
	37	16.4	3.39	20.5	4.07	25.9	5.11	28.6	5.67	31.3	6.26	36.6	7.51	41.8	8.84
	39	16.4	3.55	20.5	4.28	25.9	5.39	28.6	5.98	31.3	6.61	36.6	7.95	41.8	9.37

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ28TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (910)	10	46.4	5.86	57.9	7.39	73.4	9.63	81.0	10.8	88.6	12.0	101	13.6	103	13.0
	12	46.4	5.95	57.9	7.52	73.4	9.81	81.0	11.0	88.6	12.2	99.4	13.6	102	12.9
	14	46.4	6.05	57.9	7.66	73.4	10.0	81.0	11.2	88.6	12.4	98.1	13.5	101	13.0
	16	46.4	6.16	57.9	7.80	73.4	10.2	81.0	11.4	88.6	12.7	96.8	13.6	99.5	13.7
	18	46.4	6.27	57.9	7.95	73.4	10.4	81.0	11.6	88.6	13.0	95.5	14.3	98.2	14.4
	20	46.4	6.38	57.9	8.10	73.4	10.6	81.0	12.3	88.6	14.0	94.2	15.0	96.9	15.1
	21	46.4	6.44	57.9	8.18	73.4	11.0	81.0	12.7	88.6	14.5	93.5	15.3	96.3	15.5
	23	46.4	6.56	57.9	8.52	73.4	11.8	81.0	13.6	88.6	15.6	92.2	16.0	95.0	16.2
	25	46.4	6.86	57.9	9.09	73.4	12.6	81.0	14.6	88.1	16.5	90.9	16.7	93.7	16.9
	27	46.4	7.30	57.9	9.70	73.4	13.5	81.0	15.6	86.8	17.2	89.6	17.4	92.4	17.6
	29	46.4	7.76	57.9	10.3	73.4	14.4	81.0	16.7	85.5	17.9	88.3	18.1	91.1	18.3
	31	46.4	8.25	57.9	11.0	73.4	15.4	81.0	17.8	84.2	18.6	87.0	18.8	89.8	19.1
	33	46.4	8.76	57.9	11.7	73.4	16.4	81.0	19.0	82.9	19.3	85.7	19.6	88.5	19.8
	35	46.4	9.29	57.9	12.4	73.4	17.5	80.2	19.9	81.6	20.0	84.4	20.3	87.2	20.5
	37	46.4	9.86	57.9	13.2	73.4	18.6	78.9	20.6	80.3	20.7	83.1	21.0	85.9	21.3
	39	46.4	10.5	57.9	14.1	73.4	19.8	77.6	21.3	79.0	21.4	81.8	21.7	84.6	22.0
120% (840)	10	42.9	5.40	53.4	6.78	67.7	8.79	74.8	9.84	81.8	10.9	95.7	13.1	102	13.4
	12	42.9	5.49	53.4	6.90	67.7	8.96	74.8	10.0	81.8	11.1	95.7	13.3	100	13.3
	14	42.9	5.58	53.4	7.02	67.7	9.12	74.8	10.2	81.8	11.3	95.7	13.6	99.1	13.3
	16	42.9	5.68	53.4	7.15	67.7	9.30	74.8	10.4	81.8	11.5	95.3	13.7	97.8	13.6
	18	42.9	5.77	53.4	7.28	67.7	9.48	74.8	10.6	81.8	11.8	94.0	14.2	96.5	14.3
	20	42.9	5.88	53.4	7.42	67.7	9.67	74.8	10.9	81.8	12.5	92.7	14.9	95.2	15.0
	21	42.9	5.93	53.4	7.49	67.7	9.85	74.8	11.3	81.8	12.9	92.1	15.2	94.6	15.4
	23	42.9	6.04	53.4	7.67	67.7	10.5	74.8	12.1	81.8	13.8	90.7	15.9	93.3	16.1
	25	42.9	6.23	53.4	8.18	67.7	11.3	74.8	13.0	81.8	14.8	89.4	16.6	92.0	16.8
	27	42.9	6.62	53.4	8.72	67.7	12.0	74.8	13.9	81.8	15.8	88.1	17.3	90.7	17.5
	29	42.9	7.04	53.4	9.29	67.7	12.8	74.8	14.8	81.8	16.9	86.8	18.0	89.4	18.2
	31	42.9	7.47	53.4	9.88	67.7	13.7	74.8	15.8	81.8	18.1	85.5	18.7	88.1	18.9
	33	42.9	7.93	53.4	10.5	67.7	14.6	74.8	16.8	81.6	19.2	84.2	19.4	86.8	19.7
	35	42.9	8.41	53.4	11.2	67.7	15.5	74.8	18.0	80.3	19.9	82.9	20.1	85.5	20.4
	37	42.9	8.91	53.4	11.9	67.7	16.5	74.8	19.1	79.0	20.6	81.6	20.9	84.2	21.1
	39	42.9	9.44	53.4	12.6	67.7	17.6	74.8	20.4	77.7	21.3	80.3	21.6	82.9	21.8
110% (770)	10	39.3	4.97	49.0	6.19	62.1	7.98	68.5	8.91	75.0	9.87	87.7	11.8	100	13.8
	12	39.3	5.04	49.0	6.29	62.1	8.12	68.5	9.07	75.0	10.1	87.7	12.1	98.7	13.7
	14	39.3	5.12	49.0	6.40	62.1	8.27	68.5	9.24	75.0	10.2	87.7	12.3	97.4	13.6
	16	39.3	5.21	49.0	6.51	62.1	8.43	68.5	9.42	75.0	10.4	87.7	12.5	96.1	13.6
	18	39.3	5.29	49.0	6.63	62.1	8.59	68.5	9.61	75.0	10.7	87.7	12.9	94.8	14.2
	20	39.3	5.38	49.0	6.75	62.1	8.76	68.5	9.80	75.0	11.0	87.7	13.8	93.5	14.9
	21	39.3	5.43	49.0	6.82	62.1	8.85	68.5	10.0	75.0	11.4	87.7	14.3	92.9	15.3
	23	39.3	5.53	49.0	6.95	62.1	9.35	68.5	10.7	75.0	12.2	87.7	15.4	91.6	16.0
	25	39.3	5.63	49.0	7.33	62.1	9.99	68.5	11.5	75.0	13.0	87.7	16.4	90.3	16.7
	27	39.3	5.98	49.0	7.80	62.1	10.7	68.5	12.2	75.0	13.9	86.7	17.2	89.0	17.4
	29	39.3	6.35	49.0	8.30	62.1	11.4	68.5	13.1	75.0	14.9	85.4	17.9	87.7	18.1
	31	39.3	6.74	49.0	8.82	62.1	12.1	68.5	13.9	75.0	15.9	84.1	18.6	86.4	18.8
	33	39.3	7.14	49.0	9.37	62.1	12.9	68.5	14.8	75.0	16.9	82.7	19.3	85.1	19.5
	35	39.3	7.57	49.0	9.95	62.1	13.7	68.5	15.8	75.0	18.0	81.4	20.0	83.8	20.2
	37	39.3	8.01	49.0	10.6	62.1	14.6	68.5	16.8	75.0	19.2	80.1	20.7	82.5	20.9
	39	39.3	8.48	49.0	11.2	62.1	15.5	68.5	17.9	75.0	20.5	78.8	21.4	81.2	21.7
100% (700)	10	35.7	4.54	44.5	5.61	56.5	7.19	62.3	8.01	68.2	8.86	79.8	10.6	91.0	12.3
	12	35.7	4.61	44.5	5.70	56.5	7.31	62.3	8.15	68.2	9.02	79.8	10.8	91.0	12.6
	14	35.7	4.68	44.5	5.80	56.5	7.45	62.3	8.30	68.2	9.19	79.8	11.0	91.0	12.8
	16	35.7	4.76	44.5	5.90	56.5	7.58	62.3	8.46	68.2	9.36	79.8	11.2	91.0	13.1
	18	35.7	4.83	44.5	6.00	56.5	7.73	62.3	8.62	68.2	9.55	79.8	11.4	91.0	13.6
	20	35.7	4.91	44.5	6.11	56.5	7.87	62.3	8.79	68.2	9.74	79.8	12.0	91.0	14.6
	21	35.7	4.95	44.5	6.17	56.5	7.95	62.3	8.88	68.2	9.94	79.8	12.4	91.0	15.1
	23	35.7	5.04	44.5	6.28	56.5	8.23	62.3	9.39	68.2	10.6	79.8	13.3	89.9	15.9
	25	35.7	5.12	44.5	6.52	56.5	8.79	62.3	10.0	68.2	11.4	79.8	14.3	88.6	16.6
	27	35.7	5.38	44.5	6.93	56.5	9.37	62.3	10.7	68.2	12.1	79.8	15.3	87.3	17.3
	29	35.7	5.70	44.5	7.37	56.5	9.98	62.3	11.4	68.2	13.0	79.8	16.3	86.0	18.0
	31	35.7	6.04	44.5	7.83	56.5	10.6	62.3	12.2	68.2	13.8	79.8	17.4	84.7	18.7
	33	35.7	6.40	44.5	8.31	56.5	11.3	62.3	13.0	68.2	14.7	79.8	18.6	83.4	19.4
	35	35.7	6.77	44.5	8.82	56.5	12.0	62.3	13.8	68.2	15.7	79.8	19.8	82.1	20.1
	37	35.7	7.17	44.5	9.35	56.5	12.8	62.3	14.7	68.2	16.7	78.7	20.6	80.7	20.8
	39	35.7	7.58	44.5	9.91	56.5	13.6	62.3	15.6	68.2	17.8	77.4	21.3	79.4	21.5
90% (630)	10	32.2	4.14	40.1	5.06	50.8	6.42	56.1	7.13	61.3	7.87	71.8	9.39	81.9	10.9
	12	32.2	4.20	40.1	5.14	50.8	6.53	56.1	7.26	61.3	8.01	71.8	9.57	81.9	11.1
	14	32.2	4.26	40.1	5.22	50.8	6.65	56.1	7.39	61.3	8.16	71.8	9.75	81.9	11.3
	16	32.2	4.32	40.1	5.31	50.8	6.77	56.1	7.53	61.3	8.31	71.8	9.94	81.9	11.6
	18	32.2	4.39	40.1	5.40	50.8	6.89	56.1	7.67	61.3	8.47	71.8	10.1	81.9	11.8
	20	32.2	4.45	40.1	5.49	50.8	7.02	56.1	7.82	61.3	8.64	71.8	10.3	81.9	12.5
	21	32.2	4.49	40.1	5.54	50.8	7.09	56.1	7.89	61.3	8.72	71.8	10.7	81.9	12.9
	23	32.2	4.56	40.1	5.64	50.8	7.22	56.1	8.16	61.3	9.20	71.8	11.4	81.9	13.8
	25	32.2	4.64	40.1	5.76	50.8	7.67	56.1	8.71	61.3	9.83	71.8	12.2	81.9	14.8
	27	32.2	4.80	40.1	6.12	50.8	8.17	56.1	9.29	61.3	10.5	71.8	13.1	81.9	15.9
	29	32.2	5.09	40.1	6.50	50.8	8.69	56.1	9.89	61.3	11.2	71.8	14.0	81.9	16.9
	31	32.2	5.39	40.1	6.90	50.8	9.25	56.1	10.5	61.3	11.9	71.8	14.9	81.9	18.1
	33	32.2	5.70	40.1	7.31	50.8	9.83	56.1	11.2	61.3	12.7	71.8	15.9	81.7	19.2
	35	32.2	6.03	40.1	7.75	50.8	10.4	56.1	11.9	61.3	13.5	71.8	16.9	80.3	19.9
	37	32.2	6.37	40.1	8.21	50.8	11.1	56.1	12.7	61.3	14.3	71.8	18.0	79.0	20.6
	39	32.2	6.73	40.1	8.69	50.8	11.8	56.1	13.4	61.3	15.3	71.8	19.2	77.7	21.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (560)	10	28.6	3.75	35.6	4.53	45.2	5.69	49.8	6.30	54.5	6.92	63.8	8.22	72.8	9.54
	12	28.6	3.80	35.6	4.60	45.2	5.78	49.8	6.40	54.5	7.05	63.8	8.37	72.8	9.72
	14	28.6	3.85	35.6	4.67	45.2	5.88	49.8	6.51	54.5	7.17	63.8	8.53	72.8	9.90
	16	28.6	3.90	35.6	4.74	45.2	5.98	49.8	6.63	54.5	7.30	63.8	8.69	72.8	10.1
	18	28.6	3.96	35.6	4.82	45.2	6.09	49.8	6.75	54.5	7.44	63.8	8.86	72.8	10.3
	20	28.6	4.02	35.6	4.90	45.2	6.20	49.8	6.88	54.5	7.58	63.8	9.03	72.8	10.5
	21	28.6	4.05	35.6	4.94	45.2	6.25	49.8	6.94	54.5	7.65	63.8	9.12	72.8	10.9
	23	28.6	4.11	35.6	5.02	45.2	6.37	49.8	7.07	54.5	7.87	63.8	9.71	72.8	11.7
	25	28.6	4.17	35.6	5.11	45.2	6.63	49.8	7.48	54.5	8.40	63.8	10.4	72.8	12.5
	27	28.6	4.27	35.6	5.36	45.2	7.05	49.8	7.97	54.5	8.95	63.8	11.1	72.8	13.3
	29	28.6	4.51	35.6	5.69	45.2	7.50	49.8	8.48	54.5	9.53	63.8	11.8	72.8	14.2
	31	28.6	4.77	35.6	6.02	45.2	7.96	49.8	9.02	54.5	10.1	63.8	12.6	72.8	15.2
	33	28.6	5.04	35.6	6.38	45.2	8.45	49.8	9.58	54.5	10.8	63.8	13.4	72.8	16.2
	35	28.6	5.33	35.6	6.75	45.2	8.97	49.8	10.2	54.5	11.5	63.8	14.3	72.8	17.3
	37	28.6	5.62	35.6	7.14	45.2	9.51	49.8	10.8	54.5	12.2	63.8	15.2	72.8	18.4
	39	28.6	5.93	35.6	7.56	45.2	10.1	49.8	11.5	54.5	12.9	63.8	16.1	72.8	19.6
70% (490)	10	25.0	3.37	31.2	4.03	39.5	4.99	43.6	5.50	47.7	6.02	55.8	7.10	63.7	8.20
	12	25.0	3.42	31.2	4.09	39.5	5.07	43.6	5.58	47.7	6.12	55.8	7.23	63.7	8.35
	14	25.0	3.46	31.2	4.14	39.5	5.15	43.6	5.68	47.7	6.22	55.8	7.36	63.7	8.51
	16	25.0	3.50	31.2	4.20	39.5	5.24	43.6	5.77	47.7	6.33	55.8	7.49	63.7	8.67
	18	25.0	3.55	31.2	4.27	39.5	5.32	43.6	5.87	47.7	6.45	55.8	7.63	63.7	8.84
	20	25.0	3.60	31.2	4.33	39.5	5.41	43.6	5.98	47.7	6.56	55.8	7.78	63.7	9.01
	21	25.0	3.62	31.2	4.37	39.5	5.46	43.6	6.03	47.7	6.63	55.8	7.86	63.7	9.10
	23	25.0	3.68	31.2	4.44	39.5	5.56	43.6	6.14	47.7	6.75	55.8	8.12	63.7	9.68
	25	25.0	3.73	31.2	4.51	39.5	5.66	43.6	6.35	47.7	7.09	55.8	8.66	63.7	10.3
	27	25.0	3.79	31.2	4.65	39.5	6.02	43.6	6.76	47.7	7.55	55.8	9.24	63.7	11.0
	29	25.0	3.98	31.2	4.93	39.5	6.39	43.6	7.18	47.7	8.03	55.8	9.84	63.7	11.8
	31	25.0	4.20	31.2	5.22	39.5	6.78	43.6	7.63	47.7	8.53	55.8	10.5	63.7	12.5
	33	25.0	4.43	31.2	5.52	39.5	7.19	43.6	8.09	47.7	9.06	55.8	11.1	63.7	13.4
	35	25.0	4.67	31.2	5.83	39.5	7.62	43.6	8.59	47.7	9.62	55.8	11.8	63.7	14.2
	37	25.0	4.92	31.2	6.16	39.5	8.07	43.6	9.10	47.7	10.2	55.8	12.6	63.7	15.1
	39	25.0	5.19	31.2	6.50	39.5	8.54	43.6	9.65	47.7	10.8	55.8	13.4	63.7	16.1
60% (420)	10	21.4	3.02	26.7	3.55	33.9	4.33	37.4	4.74	40.9	5.16	47.9	6.04	54.6	6.93
	12	21.4	3.05	26.7	3.60	33.9	4.39	37.4	4.81	40.9	5.24	47.9	6.14	54.6	7.05
	14	21.4	3.09	26.7	3.64	33.9	4.46	37.4	4.88	40.9	5.33	47.9	6.24	54.6	7.18
	16	21.4	3.12	26.7	3.69	33.9	4.53	37.4	4.96	40.9	5.41	47.9	6.35	54.6	7.31
	18	21.4	3.16	26.7	3.74	33.9	4.60	37.4	5.04	40.9	5.51	47.9	6.47	54.6	7.45
	20	21.4	3.20	26.7	3.80	33.9	4.67	37.4	5.13	40.9	5.60	47.9	6.59	54.6	7.59
	21	21.4	3.22	26.7	3.82	33.9	4.71	37.4	5.17	40.9	5.65	47.9	6.65	54.6	7.66
	23	21.4	3.26	26.7	3.88	33.9	4.79	37.4	5.26	40.9	5.75	47.9	6.77	54.6	7.88
	25	21.4	3.31	26.7	3.94	33.9	4.87	37.4	5.35	40.9	5.89	47.9	7.11	54.6	8.41
	27	21.4	3.35	26.7	4.00	33.9	5.07	37.4	5.65	40.9	6.26	47.9	7.57	54.6	8.96
	29	21.4	3.48	26.7	4.23	33.9	5.38	37.4	6.00	40.9	6.65	47.9	8.06	54.6	9.55
	31	21.4	3.66	26.7	4.47	33.9	5.70	37.4	6.36	40.9	7.06	47.9	8.56	54.6	10.2
	33	21.4	3.86	26.7	4.72	33.9	6.03	37.4	6.74	40.9	7.49	47.9	9.10	54.6	10.8
	35	21.4	4.06	26.7	4.98	33.9	6.38	37.4	7.13	40.9	7.94	47.9	9.66	54.6	11.5
	37	21.4	4.28	26.7	5.25	33.9	6.75	37.4	7.55	40.9	8.41	47.9	10.2	54.6	12.2
	39	21.4	4.50	26.7	5.54	33.9	7.13	37.4	7.99	40.9	8.90	47.9	10.9	54.6	13.0
50% (350)	10	17.9	2.68	22.3	3.10	28.2	3.71	31.1	4.03	34.1	4.35	39.9	5.04	45.5	5.73
	12	17.9	2.71	22.3	3.14	28.2	3.76	31.1	4.08	34.1	4.42	39.9	5.12	45.5	5.83
	14	17.9	2.74	22.3	3.17	28.2	3.81	31.1	4.14	34.1	4.48	39.9	5.20	45.5	5.92
	16	17.9	2.77	22.3	3.21	28.2	3.86	31.1	4.20	34.1	4.55	39.9	5.28	45.5	6.03
	18	17.9	2.80	22.3	3.25	28.2	3.92	31.1	4.26	34.1	4.62	39.9	5.37	45.5	6.13
	20	17.9	2.83	22.3	3.29	28.2	3.97	31.1	4.33	34.1	4.70	39.9	5.46	45.5	6.24
	21	17.9	2.84	22.3	3.31	28.2	4.00	31.1	4.36	34.1	4.74	39.9	5.51	45.5	6.30
	23	17.9	2.88	22.3	3.36	28.2	4.06	31.1	4.43	34.1	4.82	39.9	5.61	45.5	6.42
	25	17.9	2.91	22.3	3.40	28.2	4.13	31.1	4.51	34.1	4.90	39.9	5.72	45.5	6.68
	27	17.9	2.95	22.3	3.45	28.2	4.21	31.1	4.65	34.1	5.11	39.9	6.08	45.5	7.11
	29	17.9	3.01	22.3	3.59	28.2	4.46	31.1	4.92	34.1	5.41	39.9	6.46	45.5	7.56
	31	17.9	3.17	22.3	3.79	28.2	4.71	31.1	5.21	34.1	5.74	39.9	6.85	45.5	8.03
	33	17.9	3.33	22.3	3.99	28.2	4.98	31.1	5.51	34.1	6.07	39.9	7.27	45.5	8.53
	35	17.9	3.50	22.3	4.20	28.2	5.26	31.1	5.82	34.1	6.42	39.9	7.70	45.5	9.05
	37	17.9	3.68	22.3	4.42	28.2	5.55	31.1	6.15	34.1	6.79	39.9	8.16	45.5	9.60
	39	17.9	3.86	22.3	4.65	28.2	5.85	31.1	6.50	34.1	7.18	39.9	8.64	45.5	10.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ30TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (975)	10	49.3	6.42	61.5	8.10	78.0	10.6	86.0	11.8	94.1	13.1	107	14.9	110	14.3
	12	49.3	6.53	61.5	8.24	78.0	10.8	86.0	12.0	94.1	13.4	106	14.9	109	14.2
	14	49.3	6.64	61.5	8.39	78.0	11.0	86.0	12.3	94.1	13.6	104	14.8	107	14.3
	16	49.3	6.75	61.5	8.55	78.0	11.2	86.0	12.5	94.1	13.9	103	14.9	106	15.0
	18	49.3	6.87	61.5	8.71	78.0	11.4	86.0	12.8	94.1	14.3	101	15.7	104	15.8
	20	49.3	7.00	61.5	8.88	78.0	11.7	86.0	13.5	94.1	15.4	100	16.4	103	16.6
	21	49.3	7.06	61.5	8.97	78.0	12.1	86.0	13.9	94.1	15.9	99.4	16.8	102	17.0
	23	49.3	7.19	61.5	9.34	78.0	12.9	86.0	14.9	94.1	17.1	98.0	17.6	101	17.8
	25	49.3	7.52	61.5	9.97	78.0	13.8	86.0	16.0	93.6	18.1	96.6	18.3	99.5	18.5
	27	49.3	8.00	61.5	10.6	78.0	14.8	86.0	17.1	92.2	18.9	95.2	19.1	98.1	19.3
	29	49.3	8.51	61.5	11.3	78.0	15.8	86.0	18.3	90.9	19.6	93.9	19.9	96.8	20.1
	31	49.3	9.04	61.5	12.1	78.0	16.9	86.0	19.5	89.5	20.4	92.5	20.7	95.4	20.9
	33	49.3	9.60	61.5	12.8	78.0	18.0	86.0	20.8	88.1	21.2	91.1	21.4	94.0	21.7
	35	49.3	10.2	61.5	13.6	78.0	19.2	85.2	21.8	86.7	22.0	89.7	22.2	92.6	22.5
	37	49.3	10.8	61.5	14.5	78.0	20.4	83.8	22.6	85.3	22.7	88.3	23.0	91.2	23.3
	39	49.3	11.5	61.5	15.4	78.0	21.7	82.4	23.4	83.9	23.5	86.9	23.8	89.8	24.1
120% (900)	10	45.5	5.92	56.8	7.43	72.0	9.64	79.4	10.8	86.9	12.0	102	14.4	108	14.7
	12	45.5	6.02	56.8	7.56	72.0	9.82	79.4	11.0	86.9	12.2	102	14.6	107	14.6
	14	45.5	6.12	56.8	7.69	72.0	10.0	79.4	11.2	86.9	12.4	102	14.9	105	14.5
	16	45.5	6.22	56.8	7.83	72.0	10.2	79.4	11.4	86.9	12.7	101	15.1	104	15.0
	18	45.5	6.33	56.8	7.98	72.0	10.4	79.4	11.6	86.9	12.9	99.9	15.6	103	15.7
	20	45.5	6.44	56.8	8.13	72.0	10.6	79.4	12.0	86.9	13.7	98.5	16.3	101	16.5
	21	45.5	6.50	56.8	8.21	72.0	10.8	79.4	12.4	86.9	14.1	97.8	16.7	100	16.9
	23	45.5	6.62	56.8	8.41	72.0	11.6	79.4	13.3	86.9	15.2	96.4	17.5	99.1	17.6
	25	45.5	6.83	56.8	8.97	72.0	12.4	79.4	14.2	86.9	16.2	95.0	18.2	97.7	18.4
	27	45.5	7.26	56.8	9.56	72.0	13.2	79.4	15.2	86.9	17.4	93.7	19.0	96.3	19.2
	29	45.5	7.71	56.8	10.2	72.0	14.1	79.4	16.2	86.9	18.5	92.3	19.8	94.9	20.0
	31	45.5	8.19	56.8	10.8	72.0	15.0	79.4	17.3	86.9	19.8	90.9	20.5	93.6	20.8
	33	45.5	8.69	56.8	11.5	72.0	16.0	79.4	18.5	86.7	21.1	89.5	21.3	92.2	21.5
	35	45.5	9.22	56.8	12.2	72.0	17.0	79.4	19.7	85.4	21.8	88.1	22.1	90.8	22.3
	37	45.5	9.77	56.8	13.0	72.0	18.1	79.4	21.0	84.0	22.6	86.7	22.9	89.4	23.1
	39	45.5	10.4	56.8	13.8	72.0	19.3	79.4	22.3	82.6	23.4	85.4	23.7	88.0	23.9
110% (825)	10	41.8	5.44	52.1	6.78	66.0	8.75	72.8	9.77	79.7	10.8	93.2	13.0	106	15.1
	12	41.8	5.53	52.1	6.90	66.0	8.91	72.8	9.95	79.7	11.0	93.2	13.2	105	15.0
	14	41.8	5.62	52.1	7.02	66.0	9.07	72.8	10.1	79.7	11.2	93.2	13.5	104	14.9
	16	41.8	5.71	52.1	7.14	66.0	9.24	72.8	10.3	79.7	11.5	93.2	13.7	102	14.9
	18	41.8	5.80	52.1	7.27	66.0	9.42	72.8	10.5	79.7	11.7	93.2	14.1	101	15.6
	20	41.8	5.90	52.1	7.40	66.0	9.60	72.8	10.7	79.7	12.0	93.2	15.2	99.4	16.4
	21	41.8	5.95	52.1	7.47	66.0	9.70	72.8	11.0	79.7	12.5	93.2	15.7	98.7	16.8
	23	41.8	6.06	52.1	7.62	66.0	10.3	72.8	11.7	79.7	13.4	93.2	16.8	97.3	17.5
	25	41.8	6.17	52.1	8.03	66.0	11.0	72.8	12.6	79.7	14.3	93.2	18.0	95.9	18.3
	27	41.8	6.56	52.1	8.55	66.0	11.7	72.8	13.4	79.7	15.3	92.1	18.9	94.5	19.1
	29	41.8	6.96	52.1	9.10	66.0	12.5	72.8	14.3	79.7	16.3	90.7	19.6	93.1	19.8
	31	41.8	7.39	52.1	9.67	66.0	13.3	72.8	15.3	79.7	17.4	89.3	20.4	91.8	20.6
	33	41.8	7.83	52.1	10.3	66.0	14.1	72.8	16.3	79.7	18.6	87.9	21.2	90.4	21.4
	35	41.8	8.30	52.1	10.9	66.0	15.0	72.8	17.3	79.7	19.8	86.5	21.9	89.0	22.2
	37	41.8	8.78	52.1	11.6	66.0	16.0	72.8	18.4	79.7	21.1	85.2	22.7	87.6	23.0
	39	41.8	9.30	52.1	12.3	66.0	17.0	72.8	19.6	79.7	22.4	83.8	23.5	86.2	23.8
100% (750)	10	38.0	4.98	47.3	6.15	60.0	7.88	66.2	8.78	72.4	9.71	84.7	11.6	96.6	13.5
	12	38.0	5.06	47.3	6.25	60.0	8.02	66.2	8.94	72.4	9.89	84.7	11.8	96.6	13.8
	14	38.0	5.13	47.3	6.36	60.0	8.16	66.2	9.10	72.4	10.1	84.7	12.1	96.6	14.0
	16	38.0	5.21	47.3	6.47	60.0	8.31	66.2	9.27	72.4	10.3	84.7	12.3	96.6	14.3
	18	38.0	5.30	47.3	6.58	60.0	8.47	66.2	9.45	72.4	10.5	84.7	12.5	96.6	14.9
	20	38.0	5.38	47.3	6.70	60.0	8.63	66.2	9.64	72.4	10.7	84.7	13.2	96.6	16.0
	21	38.0	5.43	47.3	6.76	60.0	8.72	66.2	9.73	72.4	10.9	84.7	13.6	96.6	16.6
	23	38.0	5.52	47.3	6.89	60.0	9.03	66.2	10.3	72.4	11.7	84.7	14.6	95.5	17.4
	25	38.0	5.62	47.3	7.14	60.0	9.64	66.2	11.0	72.4	12.5	84.7	15.6	94.1	18.2
	27	38.0	5.89	47.3	7.60	60.0	10.3	66.2	11.7	72.4	13.3	84.7	16.7	92.7	18.9
	29	38.0	6.25	47.3	8.08	60.0	10.9	66.2	12.5	72.4	14.2	84.7	17.9	91.3	19.7
	31	38.0	6.62	47.3	8.58	60.0	11.7	66.2	13.3	72.4	15.1	84.7	19.1	89.9	20.5
	33	38.0	7.02	47.3	9.11	60.0	12.4	66.2	14.2	72.4	16.1	84.7	20.3	88.6	21.2
	35	38.0	7.43	47.3	9.66	60.0	13.2	66.2	15.1	72.4	17.2	84.7	21.7	87.2	22.0
	37	38.0	7.86	47.3	10.2	60.0	14.0	66.2	16.1	72.4	18.3	83.6	22.6	85.8	22.8
	39	38.0	8.31	47.3	10.9	60.0	14.9	66.2	17.1	72.4	19.5	82.2	23.3	84.4	23.6
90% (675)	10	34.2	4.54	42.6	5.55	54.0	7.04	59.6	7.82	65.2	8.63	76.3	10.3	87.0	12.0
	12	34.2	4.60	42.6	5.64	54.0	7.16	59.6	7.96	65.2	8.79	76.3	10.5	87.0	12.2
	14	34.2	4.67	42.6	5.73	54.0	7.29	59.6	8.10	65.2	8.95	76.3	10.7	87.0	12.4
	16	34.2	4.74	42.6	5.82	54.0	7.42	59.6	8.25	65.2	9.12	76.3	10.9	87.0	12.7
	18	34.2	4.81	42.6	5.92	54.0	7.55	59.6	8.41	65.2	9.29	76.3	11.1	87.0	12.9
	20	34.2	4.88	42.6	6.02	54.0	7.70	59.6	8.57	65.2	9.47	76.3	11.3	87.0	13.7
	21	34.2	4.92	42.6	6.07	54.0	7.77	59.6	8.65	65.2	9.57	76.3	11.7	87.0	14.2
	23	34.2	5.00	42.6	6.18	54.0	7.92	59.6	8.95	65.2	10.1	76.3	12.5	87.0	15.2
	25	34.2	5.09	42.6	6.31	54.0	8.41	59.6	9.55	65.2	10.8	76.3	13.4	87.0	16.3
	27	34.2	5.27	42.6	6.71	54.0	8.96	59.6	10.2	65.2	11.5	76.3	14.3	87.0	17.4
	29	34.2	5.58	42.6	7.13	54.0	9.53	59.6	10.8	65.2	12.3	76.3	15.3	87.0	18.6
	31	34.2	5.91	42.6	7.56	54.0	10.1	59.6	11.5	65.2	13.1	76.3	16.3	87.0	19.8
	33	34.2	6.25	42.6	8.02	54.0	10.8	59.6	12.3	65.2	13.9	76.3	17.4	86.8	21.1
	35	34.2	6.61	42.6	8.49	54.0	11.4	59.6	13.1	65.2	14.8	76.3	18.5	85.4	21.8
	37	34.2	6.98	42.6	9.00	54.0	12.1	59.6	13.9	65.2	15.7	76.3	19.7	84.0	22.6
	39	34.2	7.37	42.6	9.53	54.0	12.9	59.6	14.7	65.2	16.7	76.3	21.0	82.6	23.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (600)	10	30.4	4.11	37.9	4.97	48.0	6.24	53.0	6.90	57.9	7.59	67.8	9.02	77.3	10.5
	12	30.4	4.16	37.9	5.04	48.0	6.34	53.0	7.02	57.9	7.72	67.8	9.18	77.3	10.7
	14	30.4	4.22	37.9	5.12	48.0	6.45	53.0	7.14	57.9	7.86	67.8	9.35	77.3	10.9
	16	30.4	4.28	37.9	5.20	48.0	6.56	53.0	7.27	57.9	8.01	67.8	9.53	77.3	11.1
	18	30.4	4.34	37.9	5.28	48.0	6.67	53.0	7.40	57.9	8.15	67.8	9.71	77.3	11.3
	20	30.4	4.40	37.9	5.37	48.0	6.80	53.0	7.54	57.9	8.31	67.8	9.90	77.3	11.5
	21	30.4	4.44	37.9	5.42	48.0	6.86	53.0	7.61	57.9	8.39	67.8	10.0	77.3	11.9
	23	30.4	4.50	37.9	5.51	48.0	6.98	53.0	7.76	57.9	8.63	67.8	10.6	77.3	12.8
	25	30.4	4.58	37.9	5.60	48.0	7.26	53.0	8.20	57.9	9.21	67.8	11.4	77.3	13.7
	27	30.4	4.68	37.9	5.88	48.0	7.73	53.0	8.74	57.9	9.82	67.8	12.1	77.3	14.6
	29	30.4	4.95	37.9	6.23	48.0	8.22	53.0	9.30	57.9	10.5	67.8	12.9	77.3	15.6
	31	30.4	5.23	37.9	6.61	48.0	8.73	53.0	9.89	57.9	11.1	67.8	13.8	77.3	16.7
	33	30.4	5.53	37.9	7.00	48.0	9.27	53.0	10.5	57.9	11.8	67.8	14.7	77.3	17.8
	35	30.4	5.84	37.9	7.40	48.0	9.83	53.0	11.2	57.9	12.6	67.8	15.6	77.3	18.9
	37	30.4	6.16	37.9	7.83	48.0	10.4	53.0	11.8	57.9	13.4	67.8	16.6	77.3	20.2
	39	30.4	6.50	37.9	8.28	48.0	11.1	53.0	12.6	57.9	14.2	67.8	17.7	77.3	21.5
70% (525)	10	26.6	3.70	33.1	4.42	42.0	5.47	46.3	6.03	50.7	6.60	59.3	7.79	67.7	8.99
	12	26.6	3.74	33.1	4.48	42.0	5.56	46.3	6.12	50.7	6.71	59.3	7.92	67.7	9.16
	14	26.6	3.79	33.1	4.54	42.0	5.65	46.3	6.22	50.7	6.82	59.3	8.07	67.7	9.33
	16	26.6	3.84	33.1	4.61	42.0	5.74	46.3	6.33	50.7	6.94	59.3	8.21	67.7	9.50
	18	26.6	3.89	33.1	4.68	42.0	5.84	46.3	6.44	50.7	7.07	59.3	8.37	67.7	9.69
	20	26.6	3.95	33.1	4.75	42.0	5.94	46.3	6.55	50.7	7.20	59.3	8.53	67.7	9.88
	21	26.6	3.97	33.1	4.79	42.0	5.99	46.3	6.61	50.7	7.26	59.3	8.61	67.7	9.98
	23	26.6	4.03	33.1	4.86	42.0	6.09	46.3	6.74	50.7	7.40	59.3	8.90	67.7	10.6
	25	26.6	4.09	33.1	4.94	42.0	6.21	46.3	6.97	50.7	7.77	59.3	9.50	67.7	11.3
	27	26.6	4.15	33.1	5.10	42.0	6.60	46.3	7.41	50.7	8.27	59.3	10.1	67.7	12.1
	29	26.6	4.36	33.1	5.40	42.0	7.01	46.3	7.87	50.7	8.80	59.3	10.8	67.7	12.9
	31	26.6	4.60	33.1	5.72	42.0	7.43	46.3	8.36	50.7	9.35	59.3	11.5	67.7	13.8
	33	26.6	4.86	33.1	6.05	42.0	7.88	46.3	8.87	50.7	9.93	59.3	12.2	67.7	14.6
	35	26.6	5.12	33.1	6.39	42.0	8.35	46.3	9.41	50.7	10.5	59.3	13.0	67.7	15.6
	37	26.6	5.40	33.1	6.75	42.0	8.84	46.3	9.98	50.7	11.2	59.3	13.8	67.7	16.6
	39	26.6	5.69	33.1	7.13	42.0	9.36	46.3	10.6	50.7	11.9	59.3	14.7	67.7	17.6
60% (450)	10	22.8	3.31	28.4	3.89	36.0	4.75	39.7	5.19	43.5	5.66	50.8	6.62	58.0	7.60
	12	22.8	3.35	28.4	3.94	36.0	4.82	39.7	5.27	43.5	5.75	50.8	6.73	58.0	7.73
	14	22.8	3.39	28.4	3.99	36.0	4.89	39.7	5.35	43.5	5.84	50.8	6.85	58.0	7.87
	16	22.8	3.43	28.4	4.05	36.0	4.96	39.7	5.44	43.5	5.94	50.8	6.97	58.0	8.01
	18	22.8	3.47	28.4	4.10	36.0	5.04	39.7	5.53	43.5	6.04	50.8	7.09	58.0	8.16
	20	22.8	3.51	28.4	4.16	36.0	5.12	39.7	5.62	43.5	6.14	50.8	7.22	58.0	8.32
	21	22.8	3.53	28.4	4.19	36.0	5.16	39.7	5.67	43.5	6.20	50.8	7.29	58.0	8.40
	23	22.8	3.58	28.4	4.26	36.0	5.25	39.7	5.77	43.5	6.31	50.8	7.43	58.0	8.64
	25	22.8	3.63	28.4	4.32	36.0	5.34	39.7	5.87	43.5	6.46	50.8	7.80	58.0	9.22
	27	22.8	3.68	28.4	4.39	36.0	5.56	39.7	6.20	43.5	6.87	50.8	8.30	58.0	9.83
	29	22.8	3.81	28.4	4.64	36.0	5.90	39.7	6.57	43.5	7.29	50.8	8.83	58.0	10.5
	31	22.8	4.02	28.4	4.90	36.0	6.25	39.7	6.97	43.5	7.74	50.8	9.39	58.0	11.1
	33	22.8	4.23	28.4	5.17	36.0	6.61	39.7	7.39	43.5	8.21	50.8	9.97	58.0	11.8
	35	22.8	4.46	28.4	5.46	36.0	6.99	39.7	7.82	43.5	8.70	50.8	10.6	58.0	12.6
	37	22.8	4.69	28.4	5.76	36.0	7.39	39.7	8.28	43.5	9.22	50.8	11.2	58.0	13.4
	39	22.8	4.93	28.4	6.07	36.0	7.82	39.7	8.76	43.5	9.76	50.8	11.9	58.0	14.2
50% (375)	10	19.0	2.94	23.7	3.40	30.0	4.07	33.1	4.41	36.2	4.77	42.4	5.52	48.3	6.28
	12	19.0	2.97	23.7	3.44	30.0	4.12	33.1	4.47	36.2	4.84	42.4	5.61	48.3	6.39
	14	19.0	3.00	23.7	3.48	30.0	4.18	33.1	4.54	36.2	4.92	42.4	5.70	48.3	6.50
	16	19.0	3.03	23.7	3.52	30.0	4.23	33.1	4.61	36.2	4.99	42.4	5.79	48.3	6.61
	18	19.0	3.06	23.7	3.56	30.0	4.29	33.1	4.67	36.2	5.07	42.4	5.89	48.3	6.72
	20	19.0	3.10	23.7	3.61	30.0	4.36	33.1	4.75	36.2	5.15	42.4	5.99	48.3	6.85
	21	19.0	3.12	23.7	3.63	30.0	4.39	33.1	4.78	36.2	5.19	42.4	6.04	48.3	6.91
	23	19.0	3.15	23.7	3.68	30.0	4.46	33.1	4.86	36.2	5.28	42.4	6.15	48.3	7.04
	25	19.0	3.19	23.7	3.73	30.0	4.53	33.1	4.94	36.2	5.37	42.4	6.28	48.3	7.33
	27	19.0	3.23	23.7	3.79	30.0	4.62	33.1	5.10	36.2	5.60	42.4	6.67	48.3	7.80
	29	19.0	3.30	23.7	3.94	30.0	4.89	33.1	5.40	36.2	5.94	42.4	7.08	48.3	8.29
	31	19.0	3.48	23.7	4.15	30.0	5.17	33.1	5.71	36.2	6.29	42.4	7.51	48.3	8.81
	33	19.0	3.65	23.7	4.37	30.0	5.46	33.1	6.04	36.2	6.66	42.4	7.97	48.3	9.35
	35	19.0	3.84	23.7	4.61	30.0	5.76	33.1	6.39	36.2	7.04	42.4	8.44	48.3	9.92
	37	19.0	4.03	23.7	4.85	30.0	6.08	33.1	6.75	36.2	7.45	42.4	8.94	48.3	10.5
	39	19.0	4.23	23.7	5.10	30.0	6.42	33.1	7.12	36.2	7.87	42.4	9.47	48.3	11.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ32TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1040)	10	52.2	7.06	65.1	8.91	82.6	11.6	91.1	13.0	99.7	14.4	113	16.4	116	15.7
	12	52.2	7.18	65.1	9.07	82.6	11.8	91.1	13.3	99.7	14.7	112	16.4	115	15.6
	14	52.2	7.30	65.1	9.24	82.6	12.1	91.1	13.5	99.7	15.0	110	16.3	113	15.7
	16	52.2	7.43	65.1	9.41	82.6	12.3	91.1	13.8	99.7	15.3	109	16.4	112	16.6
	18	52.2	7.56	65.1	9.59	82.6	12.5	91.1	14.0	99.7	15.7	107	17.2	110	17.4
	20	52.2	7.70	65.1	9.77	82.6	12.8	91.1	14.8	99.7	16.9	106	18.1	109	18.3
	21	52.2	7.77	65.1	9.87	82.6	13.3	91.1	15.3	99.7	17.5	105	18.5	108	18.7
	23	52.2	7.92	65.1	10.3	82.6	14.2	91.1	16.4	99.7	18.8	104	19.3	107	19.5
	25	52.2	8.27	65.1	11.0	82.6	15.2	91.1	17.6	99.1	19.9	102	20.2	105	20.4
	27	52.2	8.80	65.1	11.7	82.6	16.3	91.1	18.8	97.7	20.8	101	21.0	104	21.3
	29	52.2	9.36	65.1	12.5	82.6	17.4	91.1	20.1	96.2	21.6	99.4	21.9	102	22.1
	31	52.2	9.95	65.1	13.3	82.6	18.5	91.1	21.5	94.7	22.5	97.9	22.7	101	23.0
	33	52.2	10.6	65.1	14.1	82.6	19.8	91.1	22.9	93.3	23.3	96.5	23.6	99.5	23.9
	35	52.2	11.2	65.1	15.0	82.6	21.1	90.2	24.0	91.8	24.2	95.0	24.5	98.1	24.8
	37	52.2	11.9	65.1	16.0	82.6	22.5	88.7	24.9	90.3	25.0	93.5	25.3	96.6	25.7
	39	52.2	12.6	65.1	17.0	82.6	23.9	87.3	25.7	88.9	25.9	92.1	26.2	95.1	26.5
120% (960)	10	48.2	6.52	60.1	8.18	76.2	10.6	84.1	11.9	92.0	13.2	108	15.8	114	16.2
	12	48.2	6.62	60.1	8.32	76.2	10.8	84.1	12.1	92.0	13.4	108	16.1	113	16.1
	14	48.2	6.73	60.1	8.47	76.2	11.0	84.1	12.3	92.0	13.7	108	16.4	112	16.0
	16	48.2	6.85	60.1	8.62	76.2	11.2	84.1	12.6	92.0	13.9	107	16.6	110	16.5
	18	48.2	6.97	60.1	8.78	76.2	11.4	84.1	12.8	92.0	14.2	106	17.1	109	17.3
	20	48.2	7.09	60.1	8.95	76.2	11.7	84.1	13.2	92.0	15.0	104	18.0	107	18.1
	21	48.2	7.15	60.1	9.03	76.2	11.9	84.1	13.7	92.0	15.6	104	18.4	106	18.6
	23	48.2	7.28	60.1	9.25	76.2	12.7	84.1	14.6	92.0	16.7	102	19.2	105	19.4
	25	48.2	7.51	60.1	9.87	76.2	13.6	84.1	15.7	92.0	17.9	101	20.1	103	20.3
	27	48.2	7.99	60.1	10.5	76.2	14.5	84.1	16.7	92.0	19.1	99.2	20.9	102	21.1
	29	48.2	8.49	60.1	11.2	76.2	15.5	84.1	17.9	92.0	20.4	97.7	21.7	101	22.0
	31	48.2	9.01	60.1	11.9	76.2	16.5	84.1	19.1	92.0	21.8	96.2	22.6	99.1	22.8
	33	48.2	9.56	60.1	12.7	76.2	17.6	84.1	20.3	91.8	23.2	94.8	23.4	97.6	23.7
	35	48.2	10.1	60.1	13.5	76.2	18.7	84.1	21.7	90.4	24.0	93.3	24.3	96.1	24.6
	37	48.2	10.7	60.1	14.3	76.2	20.0	84.1	23.1	88.9	24.9	91.8	25.2	94.7	25.5
	39	48.2	11.4	60.1	15.2	76.2	21.2	84.1	24.6	87.4	25.7	90.4	26.0	93.2	26.3
110% (880)	10	44.2	5.99	55.1	7.46	69.9	9.63	77.1	10.7	84.3	11.9	98.7	14.3	113	16.6
	12	44.2	6.08	55.1	7.59	69.9	9.80	77.1	10.9	84.3	12.1	98.7	14.5	111	16.5
	14	44.2	6.18	55.1	7.72	69.9	9.98	77.1	11.2	84.3	12.4	98.7	14.8	110	16.4
	16	44.2	6.28	55.1	7.86	69.9	10.2	77.1	11.4	84.3	12.6	98.7	15.1	108	16.4
	18	44.2	6.39	55.1	8.00	69.9	10.4	77.1	11.6	84.3	12.8	98.7	15.5	107	17.2
	20	44.2	6.50	55.1	8.15	69.9	10.6	77.1	11.8	84.3	13.2	98.7	16.7	105	18.0
	21	44.2	6.55	55.1	8.22	69.9	10.7	77.1	12.1	84.3	13.7	98.7	17.3	104	18.4
	23	44.2	6.67	55.1	8.38	69.9	11.3	77.1	12.9	84.3	14.7	98.7	18.5	103	19.3
	25	44.2	6.79	55.1	8.84	69.9	12.1	77.1	13.8	84.3	15.7	98.7	19.8	102	20.1
	27	44.2	7.22	55.1	9.41	69.9	12.9	77.1	14.8	84.3	16.8	97.5	20.8	100	21.0
	29	44.2	7.66	55.1	10.0	69.9	13.7	77.1	15.8	84.3	17.9	96.0	21.6	98.6	21.8
	31	44.2	8.13	55.1	10.6	69.9	14.6	77.1	16.8	84.3	19.1	94.6	22.4	97.2	22.7
	33	44.2	8.62	55.1	11.3	69.9	15.6	77.1	17.9	84.3	20.4	93.1	23.3	95.7	23.5
	35	44.2	9.13	55.1	12.0	69.9	16.6	77.1	19.1	84.3	21.8	91.6	24.1	94.2	24.4
	37	44.2	9.67	55.1	12.7	69.9	17.6	77.1	20.3	84.3	23.2	90.2	25.0	92.8	25.3
	39	44.2	10.2	55.1	13.5	69.9	18.7	77.1	21.6	84.3	24.7	88.7	25.9	91.3	26.1
100% (800)	10	40.2	5.48	50.1	6.77	63.5	8.67	70.1	9.66	76.7	10.7	89.7	12.8	102	14.9
	12	40.2	5.56	50.1	6.88	63.5	8.82	70.1	9.84	76.7	10.9	89.7	13.0	102	15.2
	14	40.2	5.65	50.1	7.00	63.5	8.98	70.1	10.0	76.7	11.1	89.7	13.3	102	15.5
	16	40.2	5.74	50.1	7.12	63.5	9.15	70.1	10.2	76.7	11.3	89.7	13.5	102	15.8
	18	40.2	5.83	50.1	7.24	63.5	9.32	70.1	10.4	76.7	11.5	89.7	13.8	102	16.4
	20	40.2	5.92	50.1	7.37	63.5	9.50	70.1	10.6	76.7	11.7	89.7	14.5	102	17.6
	21	40.2	5.97	50.1	7.44	63.5	9.59	70.1	10.7	76.7	12.0	89.7	15.0	102	18.2
	23	40.2	6.08	50.1	7.58	63.5	9.93	70.1	11.3	76.7	12.8	89.7	16.1	101	19.1
	25	40.2	6.18	50.1	7.86	63.5	10.6	70.1	12.1	76.7	13.7	89.7	17.2	99.6	20.0
	27	40.2	6.48	50.1	8.37	63.5	11.3	70.1	12.9	76.7	14.6	89.7	18.4	98.2	20.8
	29	40.2	6.88	50.1	8.89	63.5	12.0	70.1	13.8	76.7	15.6	89.7	19.7	96.7	21.7
	31	40.2	7.29	50.1	9.44	63.5	12.8	70.1	14.7	76.7	16.7	89.7	21.0	95.2	22.5
	33	40.2	7.72	50.1	10.0	63.5	13.6	70.1	15.6	76.7	17.8	89.7	22.4	93.8	23.4
	35	40.2	8.17	50.1	10.6	63.5	14.5	70.1	16.6	76.7	18.9	89.7	23.9	92.3	24.2
	37	40.2	8.64	50.1	11.3	63.5	15.4	70.1	17.7	76.7	20.1	88.5	24.8	90.8	25.1
	39	40.2	9.14	50.1	12.0	63.5	16.4	70.1	18.8	76.7	21.4	87.0	25.7	89.4	25.9
90% (720)	10	36.2	4.99	45.1	6.11	57.2	7.75	63.1	8.61	69.0	9.50	80.8	11.3	92.1	13.2
	12	36.2	5.06	45.1	6.20	57.2	7.88	63.1	8.76	69.0	9.67	80.8	11.5	92.1	13.4
	14	36.2	5.14	45.1	6.30	57.2	8.02	63.1	8.92	69.0	9.85	80.8	11.8	92.1	13.7
	16	36.2	5.21	45.1	6.41	57.2	8.16	63.1	9.08	69.0	10.0	80.8	12.0	92.1	13.9
	18	36.2	5.29	45.1	6.51	57.2	8.31	63.1	9.25	69.0	10.2	80.8	12.2	92.1	14.2
	20	36.2	5.37	45.1	6.63	57.2	8.47	63.1	9.43	69.0	10.4	80.8	12.5	92.1	15.0
	21	36.2	5.42	45.1	6.68	57.2	8.55	63.1	9.52	69.0	10.5	80.8	12.9	92.1	15.6
	23	36.2	5.50	45.1	6.80	57.2	8.71	63.1	9.85	69.0	11.1	80.8	13.8	92.1	16.7
	25	36.2	5.60	45.1	6.95	57.2	9.25	63.1	10.5	69.0	11.9	80.8	14.8	92.1	17.9
	27	36.2	5.79	45.1	7.38	57.2	9.86	63.1	11.2	69.0	12.6	80.8	15.8	92.1	19.1
	29	36.2	6.14	45.1	7.84	57.2	10.5	63.1	11.9	69.0	13.5	80.8	16.8	92.1	20.4
	31	36.2	6.50	45.1	8.32	57.2	11.2	63.1	12.7	69.0	14.4	80.8	18.0	92.1	21.8
	33	36.2	6.88	45.1	8.82	57.2	11.9	63.1	13.5	69.0	15.3	80.8	19.1	91.9	23.2
	35	36.2	7.27	45.1	9.35	57.2	12.6	63.1	14.4	69.0	16.3	80.8	20.4	90.4	24.0
	37	36.2	7.68	45.1	9.90	57.2	13.4	63.1	15.3	69.0	17.3	80.8	21.7	88.9	24.9
	39	36.2	8.12	45.1	10.5	57.2	14.2	63.1	16.2	69.0	18.4	80.8	23.1	87.5	25.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (640)	10	32.2	4.52	40.1	5.47	50.8	6.87	56.1	7.60	61.3	8.35	71.8	9.92	81.9	11.5
	12	32.2	4.58	40.1	5.55	50.8	6.98	56.1	7.73	61.3	8.50	71.8	10.1	81.9	11.7
	14	32.2	4.64	40.1	5.63	50.8	7.10	56.1	7.86	61.3	8.65	71.8	10.3	81.9	11.9
	16	32.2	4.71	40.1	5.72	50.8	7.22	56.1	8.00	61.3	8.81	71.8	10.5	81.9	12.2
	18	32.2	4.78	40.1	5.81	50.8	7.35	56.1	8.14	61.3	8.97	71.8	10.7	81.9	12.4
	20	32.2	4.85	40.1	5.91	50.8	7.48	56.1	8.30	61.3	9.14	71.8	10.9	81.9	12.7
	21	32.2	4.88	40.1	5.96	50.8	7.55	56.1	8.37	61.3	9.23	71.8	11.0	81.9	13.1
	23	32.2	4.96	40.1	6.06	50.8	7.69	56.1	8.53	61.3	9.50	71.8	11.7	81.9	14.1
	25	32.2	5.04	40.1	6.17	50.8	7.99	56.1	9.03	61.3	10.1	71.8	12.5	81.9	15.1
	27	32.2	5.15	40.1	6.47	50.8	8.51	56.1	9.62	61.3	10.8	71.8	13.4	81.9	16.1
	29	32.2	5.45	40.1	6.86	50.8	9.04	56.1	10.2	61.3	11.5	71.8	14.2	81.9	17.2
	31	32.2	5.76	40.1	7.27	50.8	9.61	56.1	10.9	61.3	12.2	71.8	15.2	81.9	18.3
	33	32.2	6.08	40.1	7.70	50.8	10.2	56.1	11.6	61.3	13.0	71.8	16.2	81.9	19.5
	35	32.2	6.42	40.1	8.15	50.8	10.8	56.1	12.3	61.3	13.8	71.8	17.2	81.9	20.8
	37	32.2	6.78	40.1	8.62	50.8	11.5	56.1	13.0	61.3	14.7	71.8	18.3	81.9	22.2
	39	32.2	7.15	40.1	9.11	50.8	12.2	56.1	13.8	61.3	15.6	71.8	19.5	81.9	23.6
70% (560)	10	28.1	4.07	35.1	4.86	44.5	6.02	49.1	6.63	53.7	7.26	62.8	8.57	71.6	9.90
	12	28.1	4.12	35.1	4.93	44.5	6.12	49.1	6.74	53.7	7.38	62.8	8.72	71.6	10.1
	14	28.1	4.17	35.1	5.00	44.5	6.21	49.1	6.85	53.7	7.51	62.8	8.88	71.6	10.3
	16	28.1	4.23	35.1	5.07	44.5	6.32	49.1	6.97	53.7	7.64	62.8	9.04	71.6	10.5
	18	28.1	4.28	35.1	5.15	44.5	6.42	49.1	7.09	53.7	7.78	62.8	9.21	71.6	10.7
	20	28.1	4.34	35.1	5.23	44.5	6.53	49.1	7.21	53.7	7.92	62.8	9.39	71.6	10.9
	21	28.1	4.37	35.1	5.27	44.5	6.59	49.1	7.28	53.7	7.99	62.8	9.48	71.6	11.0
	23	28.1	4.43	35.1	5.35	44.5	6.71	49.1	7.41	53.7	8.15	62.8	9.79	71.6	11.7
	25	28.1	4.50	35.1	5.44	44.5	6.83	49.1	7.67	53.7	8.55	62.8	10.5	71.6	12.5
	27	28.1	4.57	35.1	5.61	44.5	7.26	49.1	8.15	53.7	9.10	62.8	11.1	71.6	13.3
	29	28.1	4.80	35.1	5.95	44.5	7.71	49.1	8.67	53.7	9.68	62.8	11.9	71.6	14.2
	31	28.1	5.07	35.1	6.29	44.5	8.18	49.1	9.20	53.7	10.3	62.8	12.6	71.6	15.1
	33	28.1	5.34	35.1	6.66	44.5	8.67	49.1	9.77	53.7	10.9	62.8	13.4	71.6	16.1
	35	28.1	5.64	35.1	7.03	44.5	9.19	49.1	10.4	53.7	11.6	62.8	14.3	71.6	17.2
	37	28.1	5.94	35.1	7.43	44.5	9.73	49.1	11.0	53.7	12.3	62.8	15.2	71.6	18.3
	39	28.1	6.26	35.1	7.85	44.5	10.3	49.1	11.6	53.7	13.1	62.8	16.1	71.6	19.4
60% (480)	10	24.1	3.64	30.1	4.28	38.1	5.22	42.0	5.72	46.0	6.23	53.8	7.28	61.4	8.36
	12	24.1	3.68	30.1	4.34	38.1	5.30	42.0	5.80	46.0	6.32	53.8	7.41	61.4	8.51
	14	24.1	3.73	30.1	4.40	38.1	5.38	42.0	5.89	46.0	6.43	53.8	7.53	61.4	8.66
	16	24.1	3.77	30.1	4.46	38.1	5.46	42.0	5.99	46.0	6.53	53.8	7.67	61.4	8.82
	18	24.1	3.81	30.1	4.52	38.1	5.55	42.0	6.08	46.0	6.64	53.8	7.80	61.4	8.98
	20	24.1	3.86	30.1	4.58	38.1	5.64	42.0	6.19	46.0	6.76	53.8	7.95	61.4	9.15
	21	24.1	3.89	30.1	4.61	38.1	5.68	42.0	6.24	46.0	6.82	53.8	8.02	61.4	9.24
	23	24.1	3.94	30.1	4.68	38.1	5.78	42.0	6.35	46.0	6.94	53.8	8.17	61.4	9.51
	25	24.1	3.99	30.1	4.75	38.1	5.87	42.0	6.46	46.0	7.11	53.8	8.58	61.4	10.1
	27	24.1	4.05	30.1	4.83	38.1	6.12	42.0	6.82	46.0	7.56	53.8	9.14	61.4	10.8
	29	24.1	4.19	30.1	5.10	38.1	6.49	42.0	7.23	46.0	8.03	53.8	9.72	61.4	11.5
	31	24.1	4.42	30.1	5.39	38.1	6.87	42.0	7.67	46.0	8.52	53.8	10.3	61.4	12.3
	33	24.1	4.66	30.1	5.69	38.1	7.28	42.0	8.13	46.0	9.03	53.8	11.0	61.4	13.0
	35	24.1	4.90	30.1	6.01	38.1	7.70	42.0	8.61	46.0	9.57	53.8	11.6	61.4	13.9
	37	24.1	5.16	30.1	6.34	38.1	8.14	42.0	9.11	46.0	10.1	53.8	12.4	61.4	14.7
	39	24.1	5.42	30.1	6.68	38.1	8.60	42.0	9.64	46.0	10.7	53.8	13.1	61.4	15.6
50% (400)	10	20.1	3.24	25.1	3.74	31.8	4.47	35.0	4.86	38.3	5.25	44.9	6.08	51.2	6.92
	12	20.1	3.27	25.1	3.78	31.8	4.53	35.0	4.92	38.3	5.33	44.9	6.17	51.2	7.03
	14	20.1	3.30	25.1	3.83	31.8	4.60	35.0	4.99	38.3	5.41	44.9	6.27	51.2	7.15
	16	20.1	3.34	25.1	3.87	31.8	4.66	35.0	5.07	38.3	5.49	44.9	6.37	51.2	7.27
	18	20.1	3.37	25.1	3.92	31.8	4.73	35.0	5.14	38.3	5.58	44.9	6.48	51.2	7.40
	20	20.1	3.41	25.1	3.97	31.8	4.79	35.0	5.22	38.3	5.67	44.9	6.59	51.2	7.53
	21	20.1	3.43	25.1	4.00	31.8	4.83	35.0	5.26	38.3	5.71	44.9	6.65	51.2	7.60
	23	20.1	3.47	25.1	4.05	31.8	4.90	35.0	5.35	38.3	5.81	44.9	6.77	51.2	7.74
	25	20.1	3.51	25.1	4.11	31.8	4.98	35.0	5.44	38.3	5.91	44.9	6.91	51.2	8.06
	27	20.1	3.55	25.1	4.17	31.8	5.08	35.0	5.61	38.3	6.16	44.9	7.34	51.2	8.58
	29	20.1	3.63	25.1	4.33	31.8	5.38	35.0	5.94	38.3	6.53	44.9	7.79	51.2	9.12
	31	20.1	3.82	25.1	4.57	31.8	5.69	35.0	6.29	38.3	6.92	44.9	8.27	51.2	9.69
	33	20.1	4.02	25.1	4.81	31.8	6.01	35.0	6.65	38.3	7.32	44.9	8.77	51.2	10.3
	35	20.1	4.23	25.1	5.07	31.8	6.34	35.0	7.03	38.3	7.75	44.9	9.29	51.2	10.9
	37	20.1	4.44	25.1	5.34	31.8	6.69	35.0	7.42	38.3	8.19	44.9	9.84	51.2	11.6
	39	20.1	4.66	25.1	5.61	31.8	7.06	35.0	7.84	38.3	8.66	44.9	10.4	51.2	12.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ34TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1105)	10	55.2	6.92	68.8	8.74	87.1	11.4	96.2	12.8	105	14.2	120	16.1	123	15.4
	12	55.2	7.04	68.8	8.89	87.1	11.6	96.2	13.0	105	14.4	118	16.0	121	15.3
	14	55.2	7.16	68.8	9.05	87.1	11.8	96.2	13.2	105	14.7	116	15.9	120	15.4
	16	55.2	7.28	68.8	9.22	87.1	12.0	96.2	13.5	105	15.0	115	16.1	118	16.2
	18	55.2	7.41	68.8	9.39	87.1	12.3	96.2	13.8	105	15.4	113	16.9	117	17.1
	20	55.2	7.55	68.8	9.58	87.1	12.6	96.2	14.5	105	16.6	112	17.7	115	17.9
	21	55.2	7.61	68.8	9.67	87.1	13.0	96.2	15.0	105	17.2	111	18.1	114	18.3
	23	55.2	7.76	68.8	10.1	87.1	14.0	96.2	16.1	105	18.4	110	18.9	113	19.2
	25	55.2	8.11	68.8	10.7	87.1	14.9	96.2	17.2	105	19.5	108	19.8	111	20.0
	27	55.2	8.63	68.8	11.5	87.1	16.0	96.2	18.4	103	20.4	106	20.6	110	20.8
	29	55.2	9.18	68.8	12.2	87.1	17.0	96.2	19.7	102	21.2	105	21.4	108	21.7
	31	55.2	9.75	68.8	13.0	87.1	18.2	96.2	21.0	100	22.0	103	22.3	107	22.5
	33	55.2	10.4	68.8	13.8	87.1	19.4	96.2	22.5	98.5	22.8	102	23.1	105	23.4
	35	55.2	11.0	68.8	14.7	87.1	20.7	95.2	23.5	96.9	23.7	100	24.0	103	24.3
	37	55.2	11.7	68.8	15.6	87.1	22.0	93.7	24.4	95.4	24.5	98.7	24.8	102	25.1
	39	55.2	12.4	68.8	16.6	87.1	23.4	92.1	25.2	93.8	25.4	97.2	25.7	100	26.0
120% (1020)	10	50.9	6.39	63.5	8.01	80.4	10.4	88.8	11.6	97.1	12.9	114	15.5	121	15.8
	12	50.9	6.49	63.5	8.15	80.4	10.6	88.8	11.8	97.1	13.1	114	15.8	119	15.8
	14	50.9	6.60	63.5	8.30	80.4	10.8	88.8	12.1	97.1	13.4	114	16.1	118	15.7
	16	50.9	6.71	63.5	8.45	80.4	11.0	88.8	12.3	97.1	13.7	113	16.3	116	16.1
	18	50.9	6.83	63.5	8.61	80.4	11.2	88.8	12.5	97.1	13.9	112	16.8	115	16.9
	20	50.9	6.95	63.5	8.77	80.4	11.4	88.8	12.9	97.1	14.7	110	17.6	113	17.8
	21	50.9	7.01	63.5	8.85	80.4	11.6	88.8	13.4	97.1	15.3	109	18.0	112	18.2
	23	50.9	7.14	63.5	9.07	80.4	12.5	88.8	14.3	97.1	16.3	108	18.8	111	19.0
	25	50.9	7.36	63.5	9.68	80.4	13.3	88.8	15.3	97.1	17.5	106	19.7	109	19.9
	27	50.9	7.83	63.5	10.3	80.4	14.2	88.8	16.4	97.1	18.7	105	20.5	108	20.7
	29	50.9	8.32	63.5	11.0	80.4	15.2	88.8	17.5	97.1	20.0	103	21.3	106	21.5
	31	50.9	8.83	63.5	11.7	80.4	16.2	88.8	18.7	97.1	21.4	102	22.1	105	22.4
	33	50.9	9.37	63.5	12.4	80.4	17.3	88.8	19.9	96.9	22.7	100	23.0	103	23.2
	35	50.9	9.94	63.5	13.2	80.4	18.4	88.8	21.2	95.4	23.5	98.5	23.8	101	24.1
	37	50.9	10.5	63.5	14.0	80.4	19.6	88.8	22.6	93.9	24.4	96.9	24.7	99.9	24.9
	39	50.9	11.2	63.5	14.9	80.4	20.8	88.8	24.1	92.3	25.2	95.4	25.5	98.4	25.8
110% (935)	10	46.7	5.87	58.2	7.31	73.7	9.43	81.4	10.5	89.0	11.7	104	14.0	119	16.3
	12	46.7	5.96	58.2	7.44	73.7	9.60	81.4	10.7	89.0	11.9	104	14.3	117	16.2
	14	46.7	6.06	58.2	7.57	73.7	9.78	81.4	10.9	89.0	12.1	104	14.5	116	16.1
	16	46.7	6.16	58.2	7.70	73.7	9.97	81.4	11.1	89.0	12.3	104	14.8	114	16.0
	18	46.7	6.26	58.2	7.84	73.7	10.2	81.4	11.4	89.0	12.6	104	15.2	113	16.8
	20	46.7	6.37	58.2	7.98	73.7	10.4	81.4	11.6	89.0	13.0	104	16.3	111	17.7
	21	46.7	6.42	58.2	8.06	73.7	10.5	81.4	11.8	89.0	13.4	104	16.9	110	18.1
	23	46.7	6.54	58.2	8.21	73.7	11.1	81.4	12.7	89.0	14.4	104	18.2	109	18.9
	25	46.7	6.65	58.2	8.66	73.7	11.8	81.4	13.5	89.0	15.4	104	19.4	107	19.7
	27	46.7	7.07	58.2	9.22	73.7	12.6	81.4	14.5	89.0	16.5	103	20.4	106	20.5
	29	46.7	7.51	58.2	9.81	73.7	13.4	81.4	15.4	89.0	17.6	101	21.2	104	21.4
	31	46.7	7.96	58.2	10.4	73.7	14.3	81.4	16.5	89.0	18.8	99.8	22.0	103	22.2
	33	46.7	8.44	58.2	11.1	73.7	15.2	81.4	17.5	89.0	20.0	98.3	22.8	101	23.1
	35	46.7	8.95	58.2	11.8	73.7	16.2	81.4	18.7	89.0	21.3	96.7	23.7	99.5	23.9
	37	46.7	9.47	58.2	12.5	73.7	17.3	81.4	19.9	89.0	22.7	95.2	24.5	97.9	24.8
	39	46.7	10.0	58.2	13.3	73.7	18.4	81.4	21.2	89.0	24.2	93.6	25.3	96.4	25.6
100% (850)	10	42.4	5.37	52.9	6.64	67.0	8.50	74.0	9.47	80.9	10.5	94.7	12.5	108	14.6
	12	42.4	5.45	52.9	6.74	67.0	8.65	74.0	9.64	80.9	10.7	94.7	12.8	108	14.9
	14	42.4	5.54	52.9	6.86	67.0	8.80	74.0	9.82	80.9	10.9	94.7	13.0	108	15.1
	16	42.4	5.62	52.9	6.97	67.0	8.97	74.0	10.0	80.9	11.1	94.7	13.3	108	15.4
	18	42.4	5.71	52.9	7.10	67.0	9.13	74.0	10.2	80.9	11.3	94.7	13.5	108	16.0
	20	42.4	5.81	52.9	7.22	67.0	9.31	74.0	10.4	80.9	11.5	94.7	14.2	108	17.3
	21	42.4	5.85	52.9	7.29	67.0	9.40	74.0	10.5	80.9	11.7	94.7	14.7	108	17.9
	23	42.4	5.95	52.9	7.43	67.0	9.74	74.0	11.1	80.9	12.6	94.7	15.8	107	18.8
	25	42.4	6.06	52.9	7.71	67.0	10.4	74.0	11.9	80.9	13.4	94.7	16.9	105	19.6
	27	42.4	6.36	52.9	8.20	67.0	11.1	74.0	12.7	80.9	14.4	94.7	18.0	104	20.4
	29	42.4	6.74	52.9	8.71	67.0	11.8	74.0	13.5	80.9	15.3	94.7	19.3	102	21.2
	31	42.4	7.14	52.9	9.26	67.0	12.6	74.0	14.4	80.9	16.3	94.7	20.6	101	22.1
	33	42.4	7.57	52.9	9.82	67.0	13.4	74.0	15.3	80.9	17.4	94.7	21.9	99.0	22.9
	35	42.4	8.01	52.9	10.4	67.0	14.2	74.0	16.3	80.9	18.5	94.7	23.4	97.4	23.7
	37	42.4	8.47	52.9	11.1	67.0	15.1	74.0	17.3	80.9	19.7	93.4	24.3	95.9	24.6
	39	42.4	8.96	52.9	11.7	67.0	16.1	74.0	18.4	80.9	21.0	91.9	25.2	94.3	25.4
90% (765)	10	38.2	4.89	47.6	5.98	60.3	7.60	66.6	8.44	72.8	9.31	85.2	11.1	97.2	12.9
	12	38.2	4.96	47.6	6.08	60.3	7.73	66.6	8.58	72.8	9.47	85.2	11.3	97.2	13.2
	14	38.2	5.03	47.6	6.18	60.3	7.86	66.6	8.74	72.8	9.65	85.2	11.5	97.2	13.4
	16	38.2	5.11	47.6	6.28	60.3	8.00	66.6	8.90	72.8	9.83	85.2	11.7	97.2	13.7
	18	38.2	5.19	47.6	6.38	60.3	8.15	66.6	9.07	72.8	10.0	85.2	12.0	97.2	13.9
	20	38.2	5.27	47.6	6.49	60.3	8.30	66.6	9.24	72.8	10.2	85.2	12.2	97.2	14.7
	21	38.2	5.31	47.6	6.55	60.3	8.38	66.6	9.33	72.8	10.3	85.2	12.6	97.2	15.3
	23	38.2	5.39	47.6	6.67	60.3	8.54	66.6	9.65	72.8	10.9	85.2	13.5	97.2	16.4
	25	38.2	5.48	47.6	6.81	60.3	9.07	66.6	10.3	72.8	11.6	85.2	14.5	97.2	17.5
	27	38.2	5.68	47.6	7.24	60.3	9.66	66.6	11.0	72.8	12.4	85.2	15.5	97.2	18.7
	29	38.2	6.02	47.6	7.68	60.3	10.3	66.6	11.7	72.8	13.2	85.2	16.5	97.2	20.0
	31	38.2	6.37	47.6	8.15	60.3	10.9	66.6	12.5	72.8	14.1	85.2	17.6	97.2	21.4
	33	38.2	6.74	47.6	8.64	60.3	11.6	66.6	13.2	72.8	15.0	85.2	18.8	97.0	22.7
	35	38.2	7.12	47.6	9.16	60.3	12.3	66.6	14.1	72.8	15.9	85.2	20.0	95.4	23.5
	37	38.2	7.53	47.6	9.70	60.3	13.1	66.6	15.0	72.8	17.0	85.2	21.3	93.9	24.4
	39	38.2	7.95	47.6	10.3	60.3	13.9	66.6	15.9	72.8	18.0	85.2	22.7	92.3	25.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (680)	10	33.9	4.43	42.3	5.36	53.6	6.73	59.2	7.44	64.8	8.19	75.8	9.72	86.4	11.3
	12	33.9	4.49	42.3	5.44	53.6	6.84	59.2	7.57	64.8	8.33	75.8	9.90	86.4	11.5
	14	33.9	4.55	42.3	5.52	53.6	6.95	59.2	7.70	64.8	8.48	75.8	10.1	86.4	11.7
	16	33.9	4.61	42.3	5.61	53.6	7.07	59.2	7.84	64.8	8.63	75.8	10.3	86.4	11.9
	18	33.9	4.68	42.3	5.70	53.6	7.20	59.2	7.98	64.8	8.79	75.8	10.5	86.4	12.2
	20	33.9	4.75	42.3	5.79	53.6	7.33	59.2	8.13	64.8	8.96	75.8	10.7	86.4	12.4
	21	33.9	4.78	42.3	5.84	53.6	7.39	59.2	8.21	64.8	9.05	75.8	10.8	86.4	12.9
	23	33.9	4.86	42.3	5.94	53.6	7.53	59.2	8.36	64.8	9.31	75.8	11.5	86.4	13.8
	25	33.9	4.93	42.3	6.04	53.6	7.83	59.2	8.85	64.8	9.93	75.8	12.3	86.4	14.8
	27	33.9	5.04	42.3	6.34	53.6	8.34	59.2	9.42	64.8	10.6	75.8	13.1	86.4	15.8
	29	33.9	5.34	42.3	6.72	53.6	8.86	59.2	10.0	64.8	11.3	75.8	14.0	86.4	16.8
	31	33.9	5.64	42.3	7.12	53.6	9.41	59.2	10.7	64.8	12.0	75.8	14.9	86.4	18.0
	33	33.9	5.96	42.3	7.54	53.6	9.99	59.2	11.3	64.8	12.8	75.8	15.8	86.4	19.1
	35	33.9	6.30	42.3	7.98	53.6	10.6	59.2	12.0	64.8	13.6	75.8	16.9	86.4	20.4
	37	33.9	6.65	42.3	8.45	53.6	11.2	59.2	12.8	64.8	14.4	75.8	17.9	86.4	21.7
	39	33.9	7.01	42.3	8.93	53.6	11.9	59.2	13.6	64.8	15.3	75.8	19.1	86.4	23.1
70% (595)	10	29.7	3.99	37.0	4.76	46.9	5.90	51.8	6.50	56.7	7.12	66.3	8.40	75.6	9.70
	12	29.7	4.04	37.0	4.83	46.9	5.99	51.8	6.60	56.7	7.24	66.3	8.55	75.6	9.88
	14	29.7	4.09	37.0	4.90	46.9	6.09	51.8	6.71	56.7	7.36	66.3	8.70	75.6	10.1
	16	29.7	4.14	37.0	4.97	46.9	6.19	51.8	6.83	56.7	7.49	66.3	8.86	75.6	10.2
	18	29.7	4.20	37.0	5.05	46.9	6.29	51.8	6.94	56.7	7.62	66.3	9.03	75.6	10.4
	20	29.7	4.25	37.0	5.12	46.9	6.40	51.8	7.07	56.7	7.76	66.3	9.20	75.6	10.7
	21	29.7	4.28	37.0	5.16	46.9	6.46	51.8	7.13	56.7	7.83	66.3	9.29	75.6	10.8
	23	29.7	4.35	37.0	5.25	46.9	6.57	51.8	7.26	56.7	7.98	66.3	9.60	75.6	11.4
	25	29.7	4.41	37.0	5.33	46.9	6.70	51.8	7.51	56.7	8.38	66.3	10.2	75.6	12.2
	27	29.7	4.48	37.0	5.50	46.9	7.12	51.8	7.99	56.7	8.92	66.3	10.9	75.6	13.0
	29	29.7	4.70	37.0	5.83	46.9	7.56	51.8	8.49	56.7	9.49	66.3	11.6	75.6	13.9
	31	29.7	4.96	37.0	6.17	46.9	8.02	51.8	9.02	56.7	10.1	66.3	12.4	75.6	14.8
	33	29.7	5.24	37.0	6.52	46.9	8.50	51.8	9.57	56.7	10.7	66.3	13.2	75.6	15.8
	35	29.7	5.52	37.0	6.89	46.9	9.00	51.8	10.2	56.7	11.4	66.3	14.0	75.6	16.8
	37	29.7	5.82	37.0	7.28	46.9	9.54	51.8	10.8	56.7	12.1	66.3	14.9	75.6	17.9
	39	29.7	6.13	37.0	7.69	46.9	10.1	51.8	11.4	56.7	12.8	66.3	15.8	75.6	19.0
60% (510)	10	25.5	3.57	31.7	4.20	40.2	5.12	44.4	5.60	48.6	6.10	56.8	7.14	64.8	8.19
	12	25.5	3.61	31.7	4.25	40.2	5.19	44.4	5.69	48.6	6.20	56.8	7.26	64.8	8.34
	14	25.5	3.65	31.7	4.31	40.2	5.27	44.4	5.77	48.6	6.30	56.8	7.38	64.8	8.49
	16	25.5	3.69	31.7	4.37	40.2	5.35	44.4	5.87	48.6	6.40	56.8	7.51	64.8	8.64
	18	25.5	3.74	31.7	4.43	40.2	5.44	44.4	5.96	48.6	6.51	56.8	7.65	64.8	8.80
	20	25.5	3.79	31.7	4.49	40.2	5.52	44.4	6.06	48.6	6.62	56.8	7.79	64.8	8.97
	21	25.5	3.81	31.7	4.52	40.2	5.57	44.4	6.11	48.6	6.68	56.8	7.86	64.8	9.06
	23	25.5	3.86	31.7	4.59	40.2	5.66	44.4	6.22	48.6	6.80	56.8	8.01	64.8	9.32
	25	25.5	3.91	31.7	4.66	40.2	5.76	44.4	6.33	48.6	6.97	56.8	8.41	64.8	9.94
	27	25.5	3.97	31.7	4.73	40.2	6.00	44.4	6.68	48.6	7.41	56.8	8.96	64.8	10.6
	29	25.5	4.11	31.7	5.00	40.2	6.36	44.4	7.09	48.6	7.87	56.8	9.53	64.8	11.3
	31	25.5	4.33	31.7	5.28	40.2	6.74	44.4	7.52	48.6	8.35	56.8	10.1	64.8	12.0
	33	25.5	4.56	31.7	5.58	40.2	7.13	44.4	7.97	48.6	8.85	56.8	10.8	64.8	12.8
	35	25.5	4.80	31.7	5.89	40.2	7.54	44.4	8.43	48.6	9.38	56.8	11.4	64.8	13.6
	37	25.5	5.05	31.7	6.21	40.2	7.97	44.4	8.93	48.6	9.94	56.8	12.1	64.8	14.4
	39	25.5	5.32	31.7	6.55	40.2	8.43	44.4	9.45	48.6	10.5	56.8	12.9	64.8	15.3
50% (425)	10	21.2	3.17	26.4	3.67	33.5	4.39	37.0	4.76	40.5	5.15	47.4	5.96	54.0	6.78
	12	21.2	3.20	26.4	3.71	33.5	4.44	37.0	4.83	40.5	5.22	47.4	6.05	54.0	6.89
	14	21.2	3.24	26.4	3.75	33.5	4.50	37.0	4.89	40.5	5.30	47.4	6.15	54.0	7.00
	16	21.2	3.27	26.4	3.80	33.5	4.57	37.0	4.97	40.5	5.38	47.4	6.25	54.0	7.13
	18	21.2	3.30	26.4	3.84	33.5	4.63	37.0	5.04	40.5	5.47	47.4	6.35	54.0	7.25
	20	21.2	3.34	26.4	3.89	33.5	4.70	37.0	5.12	40.5	5.55	47.4	6.46	54.0	7.38
	21	21.2	3.36	26.4	3.92	33.5	4.73	37.0	5.16	40.5	5.60	47.4	6.52	54.0	7.45
	23	21.2	3.40	26.4	3.97	33.5	4.81	37.0	5.24	40.5	5.69	47.4	6.63	54.0	7.59
	25	21.2	3.44	26.4	4.03	33.5	4.88	37.0	5.33	40.5	5.79	47.4	6.77	54.0	7.90
	27	21.2	3.48	26.4	4.08	33.5	4.98	37.0	5.50	40.5	6.04	47.4	7.19	54.0	8.41
	29	21.2	3.56	26.4	4.24	33.5	5.27	37.0	5.82	40.5	6.40	47.4	7.64	54.0	8.94
	31	21.2	3.75	26.4	4.48	33.5	5.57	37.0	6.16	40.5	6.78	47.4	8.10	54.0	9.50
	33	21.2	3.94	26.4	4.72	33.5	5.89	37.0	6.52	40.5	7.18	47.4	8.59	54.0	10.1
	35	21.2	4.14	26.4	4.97	33.5	6.22	37.0	6.89	40.5	7.59	47.4	9.10	54.0	10.7
	37	21.2	4.35	26.4	5.23	33.5	6.56	37.0	7.27	40.5	8.03	47.4	9.64	54.0	11.3
	39	21.2	4.56	26.4	5.50	33.5	6.92	37.0	7.68	40.5	8.49	47.4	10.2	54.0	12.0

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ36TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1170)	10	58.3	7.39	72.7	9.33	92.2	12.2	102	13.6	111	15.1	127	17.2	130	16.4
	12	58.3	7.52	72.7	9.50	92.2	12.4	102	13.9	111	15.4	125	17.1	128	16.3
	14	58.3	7.64	72.7	9.67	92.2	12.6	102	14.1	111	15.7	123	17.0	127	16.4
	16	58.3	7.78	72.7	9.85	92.2	12.9	102	14.4	111	16.0	122	17.2	125	17.3
	18	58.3	7.91	72.7	10.0	92.2	13.1	102	14.7	111	16.5	120	18.0	123	18.2
	20	58.3	8.06	72.7	10.2	92.2	13.4	102	15.5	111	17.7	118	18.9	122	19.1
	21	58.3	8.13	72.7	10.3	92.2	13.9	102	16.1	111	18.3	118	19.3	121	19.6
	23	58.3	8.28	72.7	10.8	92.2	14.9	102	17.2	111	19.7	116	20.2	119	20.5
	25	58.3	8.66	72.7	11.5	92.2	15.9	102	18.4	111	20.9	114	21.1	118	21.4
	27	58.3	9.21	72.7	12.2	92.2	17.0	102	19.7	109	21.8	113	22.0	116	22.3
	29	58.3	9.80	72.7	13.0	92.2	18.2	102	21.0	107	22.6	111	22.9	114	23.2
	31	58.3	10.4	72.7	13.9	92.2	19.4	102	22.5	106	23.5	109	23.8	113	24.1
	33	58.3	11.1	72.7	14.8	92.2	20.7	102	24.0	104	24.4	108	24.7	111	25.0
	35	58.3	11.7	72.7	15.7	92.2	22.1	101	25.1	103	25.3	106	25.6	109	25.9
	37	58.3	12.4	72.7	16.7	92.2	23.5	99.1	26.0	101	26.2	104	26.5	108	26.8
	39	58.3	13.2	72.7	17.8	92.2	25.0	97.5	26.9	99.3	27.1	103	27.4	106	27.8
120% (1080)	10	53.9	6.82	67.1	8.56	85.1	11.1	93.9	12.4	103	13.8	120	16.5	128	16.9
	12	53.9	6.93	67.1	8.71	85.1	11.3	93.9	12.7	103	14.0	120	16.8	126	16.8
	14	53.9	7.05	67.1	8.86	85.1	11.5	93.9	12.9	103	14.3	120	17.2	125	16.7
	16	53.9	7.17	67.1	9.02	85.1	11.7	93.9	13.1	103	14.6	120	17.4	123	17.2
	18	53.9	7.29	67.1	9.19	85.1	12.0	93.9	13.4	103	14.9	118	17.9	121	18.1
	20	53.9	7.42	67.1	9.36	85.1	12.2	93.9	13.8	103	15.7	116	18.8	120	19.0
	21	53.9	7.48	67.1	9.45	85.1	12.4	93.9	14.3	103	16.3	116	19.2	119	19.4
	23	53.9	7.62	67.1	9.69	85.1	13.3	93.9	15.3	103	17.5	114	20.1	117	20.3
	25	53.9	7.86	67.1	10.3	85.1	14.2	93.9	16.4	103	18.7	112	21.0	116	21.2
	27	53.9	8.36	67.1	11.0	85.1	15.2	93.9	17.5	103	20.0	111	21.9	114	22.1
	29	53.9	8.89	67.1	11.7	85.1	16.2	93.9	18.7	103	21.4	109	22.8	112	23.0
	31	53.9	9.43	67.1	12.5	85.1	17.3	93.9	19.9	103	22.8	107	23.6	111	23.9
	33	53.9	10.0	67.1	13.3	85.1	18.4	93.9	21.3	103	24.3	106	24.5	109	24.8
	35	53.9	10.6	67.1	14.1	85.1	19.6	93.9	22.7	101	25.1	104	25.4	107	25.7
	37	53.9	11.3	67.1	15.0	85.1	20.9	93.9	24.2	99.3	26.0	103	26.3	106	26.6
	39	53.9	11.9	67.1	15.9	85.1	22.2	93.9	25.7	97.7	26.9	101	27.3	104	27.6
110% (990)	10	49.4	6.27	61.6	7.81	78.0	10.1	86.1	11.2	94.2	12.5	110	14.9	126	17.4
	12	49.4	6.37	61.6	7.94	78.0	10.3	86.1	11.5	94.2	12.7	110	15.2	124	17.3
	14	49.4	6.47	61.6	8.08	78.0	10.4	86.1	11.7	94.2	12.9	110	15.5	122	17.2
	16	49.4	6.57	61.6	8.22	78.0	10.6	86.1	11.9	94.2	13.2	110	15.8	121	17.1
	18	49.4	6.68	61.6	8.37	78.0	10.8	86.1	12.1	94.2	13.4	110	16.2	119	18.0
	20	49.4	6.80	61.6	8.53	78.0	11.1	86.1	12.4	94.2	13.9	110	17.5	117	18.9
	21	49.4	6.86	61.6	8.61	78.0	11.2	86.1	12.6	94.2	14.4	110	18.1	117	19.3
	23	49.4	6.98	61.6	8.77	78.0	11.8	86.1	13.5	94.2	15.4	110	19.4	115	20.2
	25	49.4	7.11	61.6	9.25	78.0	12.6	86.1	14.5	94.2	16.5	110	20.8	113	21.1
	27	49.4	7.55	61.6	9.85	78.0	13.5	86.1	15.4	94.2	17.6	109	21.7	112	21.9
	29	49.4	8.02	61.6	10.5	78.0	14.4	86.1	16.5	94.2	18.8	107	22.6	110	22.8
	31	49.4	8.51	61.6	11.1	78.0	15.3	86.1	17.6	94.2	20.0	106	23.5	108	23.7
	33	49.4	9.02	61.6	11.8	78.0	16.3	86.1	18.7	94.2	21.4	104	24.4	107	24.6
	35	49.4	9.55	61.6	12.6	78.0	17.3	86.1	20.0	94.2	22.8	102	25.3	105	25.5
	37	49.4	10.1	61.6	13.3	78.0	18.4	86.1	21.2	94.2	24.3	101	26.2	104	26.4
	39	49.4	10.7	61.6	14.2	78.0	19.6	86.1	22.6	94.2	25.8	99.0	27.1	102	27.4
100% (900)	10	44.9	5.74	56.0	7.09	70.9	9.08	79.0	10.1	85.6	11.2	100	13.4	114	15.6
	12	44.9	5.82	56.0	7.20	70.9	9.24	79.0	10.3	85.6	11.4	100	13.6	114	15.9
	14	44.9	5.91	56.0	7.32	70.9	9.40	79.0	10.5	85.6	11.6	100	13.9	114	16.2
	16	44.9	6.00	56.0	7.45	70.9	9.58	79.0	10.7	85.6	11.8	100	14.2	114	16.5
	18	44.9	6.10	56.0	7.58	70.9	9.76	79.0	10.9	85.6	12.1	100	14.4	114	17.1
	20	44.9	6.20	56.0	7.72	70.9	9.94	79.0	11.1	85.6	12.3	100	15.2	114	18.4
	21	44.9	6.25	56.0	7.79	70.9	10.0	79.0	11.2	85.6	12.5	100	15.7	114	19.1
	23	44.9	6.36	56.0	7.93	70.9	10.4	79.0	11.9	85.6	13.4	100	16.8	113	20.0
	25	44.9	6.47	56.0	8.23	70.9	11.1	79.0	12.7	85.6	14.4	100	18.0	111	20.9
	27	44.9	6.79	56.0	8.76	70.9	11.8	79.0	13.5	85.6	15.3	100	19.3	110	21.8
	29	44.9	7.20	56.0	9.31	70.9	12.6	79.0	14.4	85.6	16.4	100	20.6	108	22.7
	31	44.9	7.63	56.0	9.88	70.9	13.4	79.0	15.4	85.6	17.4	100	22.0	106	23.6
	33	44.9	8.08	56.0	10.5	70.9	14.3	79.0	16.4	85.6	18.6	100	23.4	105	24.4
	35	44.9	8.55	56.0	11.1	70.9	15.2	79.0	17.4	85.6	19.8	100	25.0	103	25.3
	37	44.9	9.05	56.0	11.8	70.9	16.1	78.3	18.5	85.6	21.1	98.8	26.0	101	26.2
	39	44.9	9.57	56.0	12.5	70.9	17.1	78.3	19.7	85.6	22.4	97.2	26.9	99.8	27.1
90% (810)	10	40.4	5.22	50.4	6.39	63.8	8.11	70.4	9.01	77.1	9.94	90.2	11.9	103	13.8
	12	40.4	5.30	50.4	6.49	63.8	8.25	70.4	9.17	77.1	10.1	90.2	12.1	103	14.0
	14	40.4	5.37	50.4	6.60	63.8	8.39	70.4	9.33	77.1	10.3	90.2	12.3	103	14.3
	16	40.4	5.45	50.4	6.70	63.8	8.54	70.4	9.50	77.1	10.5	90.2	12.5	103	14.6
	18	40.4	5.54	50.4	6.82	63.8	8.70	70.4	9.68	77.1	10.7	90.2	12.8	103	14.9
	20	40.4	5.62	50.4	6.93	63.8	8.86	70.4	9.87	77.1	10.9	90.2	13.0	103	15.7
	21	40.4	5.67	50.4	6.99	63.8	8.95	70.4	9.96	77.1	11.0	90.2	13.5	103	16.3
	23	40.4	5.76	50.4	7.12	63.8	9.12	70.4	10.3	77.1	11.6	90.2	14.4	103	17.5
	25	40.4	5.86	50.4	7.27	63.8	9.68	70.4	11.0	77.1	12.4	90.2	15.5	103	18.7
	27	40.4	6.06	50.4	7.73	63.8	10.3	70.4	11.7	77.1	13.2	90.2	16.5	103	20.0
	29	40.4	6.43	50.4	8.21	63.8	11.0	70.4	12.5	77.1	14.1	90.2	17.6	103	21.4
	31	40.4	6.80	50.4	8.71	63.8	11.7	70.4	13.3	77.1	15.0	90.2	18.8	103	22.8
	33	40.4	7.20	50.4	9.23	63.8	12.4	70.4	14.1	77.1	16.0	90.2	20.0	103	24.3
	35	40.4	7.61	50.4	9.78	63.8	13.2	70.4	15.0	77.1	17.0	90.2	21.4	101	25.1
	37	40.4	8.04	50.4	10.4	63.8	14.0	70.4	16.0	77.1	18.1	90.2	22.7	99.3	26.0
	39	40.4	8.49	50.4	11.0	63.8	14.9	70.4	17.0	77.1	19.3	90.2	24.2	97.7	26.9

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (720)	10	35.9	4.73	44.8	5.72	56.7	7.19	62.6	7.95	68.5	8.74	80.2	10.4	91.4	12.0
	12	35.9	4.79	44.8	5.81	56.7	7.30	62.6	8.09	68.5	8.90	80.2	10.6	91.4	12.3
	14	35.9	4.86	44.8	5.90	56.7	7.43	62.6	8.23	68.5	9.05	80.2	10.8	91.4	12.5
	16	35.9	4.93	44.8	5.99	56.7	7.55	62.6	8.37	68.5	9.22	80.2	11.0	91.4	12.7
	18	35.9	5.00	44.8	6.09	56.7	7.69	62.6	8.52	68.5	9.39	80.2	11.2	91.4	13.0
	20	35.9	5.07	44.8	6.19	56.7	7.83	62.6	8.68	68.5	9.57	80.2	11.4	91.4	13.3
	21	35.9	5.11	44.8	6.24	56.7	7.90	62.6	8.76	68.5	9.66	80.2	11.5	91.4	13.8
	23	35.9	5.19	44.8	6.34	56.7	8.04	62.6	8.93	68.5	9.94	80.2	12.3	91.4	14.7
	25	35.9	5.27	44.8	6.45	56.7	8.37	62.6	9.45	68.5	10.6	80.2	13.1	91.4	15.8
	27	35.9	5.39	44.8	6.77	56.7	8.90	62.6	10.1	68.5	11.3	80.2	14.0	91.4	16.8
	29	35.9	5.70	44.8	7.18	56.7	9.47	62.6	10.7	68.5	12.0	80.2	14.9	91.4	18.0
	31	35.9	6.03	44.8	7.61	56.7	10.1	62.6	11.4	68.5	12.8	80.2	15.9	91.4	19.2
	33	35.9	6.37	44.8	8.06	56.7	10.7	62.6	12.1	68.5	13.6	80.2	16.9	91.4	20.4
	35	35.9	6.72	44.8	8.53	56.7	11.3	62.6	12.9	68.5	14.5	80.2	18.0	91.4	21.8
	37	35.9	7.10	44.8	9.02	56.7	12.0	62.6	13.6	68.5	15.4	80.2	19.2	91.4	23.2
	39	35.9	7.49	44.8	9.54	56.7	12.7	62.6	14.5	68.5	16.3	80.2	20.4	91.4	24.7
70% (630)	10	31.4	4.26	39.2	5.09	49.6	6.30	54.8	6.94	59.9	7.60	70.1	8.97	80.0	10.4
	12	31.4	4.31	39.2	5.16	49.6	6.40	54.8	7.05	59.9	7.73	70.1	9.13	80.0	10.5
	14	31.4	4.37	39.2	5.23	49.6	6.50	54.8	7.17	59.9	7.86	70.1	9.29	80.0	10.7
	16	31.4	4.42	39.2	5.31	49.6	6.61	54.8	7.29	59.9	8.00	70.1	9.46	80.0	10.9
	18	31.4	4.48	39.2	5.39	49.6	6.72	54.8	7.42	59.9	8.14	70.1	9.64	80.0	11.2
	20	31.4	4.54	39.2	5.47	49.6	6.84	54.8	7.55	59.9	8.29	70.1	9.82	80.0	11.4
	21	31.4	4.58	39.2	5.51	49.6	6.90	54.8	7.62	59.9	8.37	70.1	9.92	80.0	11.5
	23	31.4	4.64	39.2	5.60	49.6	7.02	54.8	7.76	59.9	8.52	70.1	10.2	80.0	12.2
	25	31.4	4.71	39.2	5.69	49.6	7.15	54.8	8.02	59.9	8.95	70.1	10.9	80.0	13.1
	27	31.4	4.78	39.2	5.88	49.6	7.60	54.8	8.53	59.9	9.53	70.1	11.7	80.0	13.9
	29	31.4	5.02	39.2	6.22	49.6	8.07	54.8	9.07	59.9	10.1	70.1	12.4	80.0	14.9
	31	31.4	5.30	39.2	6.59	49.6	8.56	54.8	9.63	59.9	10.8	70.1	13.2	80.0	15.8
	33	31.4	5.59	39.2	6.97	49.6	9.08	54.8	10.2	59.9	11.4	70.1	14.1	80.0	16.9
	35	31.4	5.90	39.2	7.36	49.6	9.62	54.8	10.8	59.9	12.1	70.1	15.0	80.0	18.0
	37	31.4	6.22	39.2	7.78	49.6	10.2	54.8	11.5	59.9	12.9	70.1	15.9	80.0	19.1
	39	31.4	6.55	39.2	8.21	49.6	10.8	54.8	12.2	59.9	13.7	70.1	16.9	80.0	20.3
60% (540)	10	26.9	3.81	33.6	4.48	42.5	5.47	47.0	5.98	51.4	6.52	60.1	7.62	68.6	8.75
	12	26.9	3.85	33.6	4.54	42.5	5.55	47.0	6.07	51.4	6.62	60.1	7.75	68.6	8.90
	14	26.9	3.90	33.6	4.60	42.5	5.63	47.0	6.17	51.4	6.73	60.1	7.88	68.6	9.06
	16	26.9	3.94	33.6	4.66	42.5	5.72	47.0	6.27	51.4	6.84	60.1	8.02	68.6	9.23
	18	26.9	3.99	33.6	4.73	42.5	5.81	47.0	6.37	51.4	6.95	60.1	8.17	68.6	9.40
	20	26.9	4.04	33.6	4.79	42.5	5.90	47.0	6.47	51.4	7.07	60.1	8.32	68.6	9.58
	21	26.9	4.07	33.6	4.83	42.5	5.95	47.0	6.53	51.4	7.14	60.1	8.39	68.6	9.67
	23	26.9	4.12	33.6	4.90	42.5	6.05	47.0	6.64	51.4	7.26	60.1	8.55	68.6	9.95
	25	26.9	4.18	33.6	4.98	42.5	6.15	47.0	6.76	51.4	7.44	60.1	8.98	68.6	10.6
	27	26.9	4.23	33.6	5.05	42.5	6.41	47.0	7.14	51.4	7.91	60.1	9.56	68.6	11.3
	29	26.9	4.39	33.6	5.34	42.5	6.79	47.0	7.57	51.4	8.40	60.1	10.2	68.6	12.1
	31	26.9	4.63	33.6	5.64	42.5	7.19	47.0	8.03	51.4	8.91	60.1	10.8	68.6	12.8
	33	26.9	4.87	33.6	5.96	42.5	7.61	47.0	8.51	51.4	9.45	60.1	11.5	68.6	13.6
	35	26.9	5.13	33.6	6.29	42.5	8.05	47.0	9.01	51.4	10.0	60.1	12.2	68.6	14.5
	37	26.9	5.40	33.6	6.63	42.5	8.52	47.0	9.53	51.4	10.6	60.1	12.9	68.6	15.4
	39	26.9	5.68	33.6	6.99	42.5	9.00	47.0	10.1	51.4	11.2	60.1	13.7	68.6	16.4
50% (450)	10	22.4	3.39	28.0	3.91	35.5	4.68	39.1	5.08	42.8	5.50	50.1	6.36	57.1	7.24
	12	22.4	3.42	28.0	3.96	35.5	4.74	39.1	5.15	42.8	5.58	50.1	6.46	57.1	7.36
	14	22.4	3.46	28.0	4.01	35.5	4.81	39.1	5.23	42.8	5.66	50.1	6.56	57.1	7.48
	16	22.4	3.49	28.0	4.05	35.5	4.88	39.1	5.30	42.8	5.75	50.1	6.67	57.1	7.61
	18	22.4	3.53	28.0	4.10	35.5	4.95	39.1	5.38	42.8	5.84	50.1	6.78	57.1	7.74
	20	22.4	3.57	28.0	4.16	35.5	5.02	39.1	5.47	42.8	5.93	50.1	6.90	57.1	7.88
	21	22.4	3.59	28.0	4.18	35.5	5.06	39.1	5.51	42.8	5.98	50.1	6.96	57.1	7.96
	23	22.4	3.63	28.0	4.24	35.5	5.13	39.1	5.60	42.8	6.08	50.1	7.08	57.1	8.10
	25	22.4	3.67	28.0	4.30	35.5	5.21	39.1	5.69	42.8	6.18	50.1	7.23	57.1	8.44
	27	22.4	3.72	28.0	4.36	35.5	5.32	39.1	5.87	42.8	6.45	50.1	7.68	57.1	8.98
	29	22.4	3.80	28.0	4.53	35.5	5.63	39.1	6.22	42.8	6.84	50.1	8.16	57.1	9.55
	31	22.4	4.00	28.0	4.78	35.5	5.95	39.1	6.58	42.8	7.24	50.1	8.65	57.1	10.1
	33	22.4	4.21	28.0	5.04	35.5	6.29	39.1	6.96	42.8	7.67	50.1	9.18	57.1	10.8
	35	22.4	4.42	28.0	5.31	35.5	6.64	39.1	7.35	42.8	8.11	50.1	9.72	57.1	11.4
	37	22.4	4.64	28.0	5.58	35.5	7.01	39.1	7.77	42.8	8.58	50.1	10.3	57.1	12.1
	39	22.4	4.87	28.0	5.87	35.5	7.39	39.1	8.20	42.8	9.06	50.1	10.9	57.1	12.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ38TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1235)	10	61.5	8.09	76.7	10.2	97.1	13.3	107	14.9	117	16.5	133	18.8	137	18.0
	12	61.5	8.22	76.7	10.4	97.1	13.5	107	15.2	117	16.8	132	18.7	135	17.9
	14	61.5	8.36	76.7	10.6	97.1	13.8	107	15.5	117	17.2	130	18.6	133	18.0
	16	61.5	8.50	76.7	10.8	97.1	14.1	107	15.8	117	17.5	128	18.8	132	19.0
	18	61.5	8.66	76.7	11.0	97.1	14.3	107	16.1	117	18.0	126	19.7	130	19.9
	20	61.5	8.81	76.7	11.2	97.1	14.7	107	17.0	117	19.4	125	20.7	128	20.9
	21	61.5	8.89	76.7	11.3	97.1	15.2	107	17.6	117	20.1	124	21.2	127	21.4
	23	61.5	9.06	76.7	11.8	97.1	16.3	107	18.8	117	21.5	122	22.1	126	22.4
	25	61.5	9.47	76.7	12.6	97.1	17.4	107	20.1	117	22.8	120	23.1	124	23.4
	27	61.5	10.1	76.7	13.4	97.1	18.6	107	21.5	115	23.8	119	24.1	122	24.3
	29	61.5	10.7	76.7	14.3	97.1	19.9	107	23.0	113	24.8	117	25.0	121	25.3
	31	61.5	11.4	76.7	15.2	97.1	21.2	107	24.6	111	25.7	115	26.0	119	26.3
	33	61.5	12.1	76.7	16.2	97.1	22.6	107	26.2	110	26.7	113	27.0	117	27.3
	35	61.5	12.8	76.7	17.2	97.1	24.1	106	27.5	108	27.7	112	28.0	115	28.4
	37	61.5	13.6	76.7	18.3	97.1	25.7	104	28.5	106	28.6	110	29.0	114	29.4
	39	61.5	14.4	76.7	19.4	97.1	27.4	103	29.4	105	29.6	108	30.0	112	30.4
120% (1140)	10	56.7	7.46	70.8	9.36	89.7	12.1	99.0	13.6	108	15.1	127	18.1	135	18.5
	12	56.7	7.58	70.8	9.52	89.7	12.4	99.0	13.8	108	15.4	127	18.4	133	18.4
	14	56.7	7.71	70.8	9.69	89.7	12.6	99.0	14.1	108	15.6	127	18.8	131	18.3
	16	56.7	7.84	70.8	9.87	89.7	12.8	99.0	14.4	108	15.9	126	19.0	129	18.8
	18	56.7	7.97	70.8	10.1	89.7	13.1	99.0	14.7	108	16.3	124	19.6	128	19.8
	20	56.7	8.11	70.8	10.2	89.7	13.4	99.0	15.1	108	17.2	123	20.6	126	20.8
	21	56.7	8.19	70.8	10.3	89.7	13.6	99.0	15.6	108	17.8	122	21.0	125	21.2
	23	56.7	8.34	70.8	10.6	89.7	14.6	99.0	16.7	108	19.1	120	22.0	123	22.2
	25	56.7	8.60	70.8	11.3	89.7	15.6	99.0	17.9	108	20.4	118	23.0	122	23.2
	27	56.7	9.15	70.8	12.0	89.7	16.6	99.0	19.1	108	21.9	117	23.9	120	24.2
	29	56.7	9.72	70.8	12.8	89.7	17.7	99.0	20.4	108	23.4	115	24.9	118	25.2
	31	56.7	10.3	70.8	13.6	89.7	18.9	99.0	21.8	108	25.0	113	25.9	117	26.1
	33	56.7	10.9	70.8	14.5	89.7	20.2	99.0	23.3	108	26.5	112	26.8	115	27.1
	35	56.7	11.6	70.8	15.4	89.7	21.5	99.0	24.8	106	27.5	110	27.8	113	28.1
	37	56.7	12.3	70.8	16.4	89.7	22.8	99.0	26.4	105	28.5	108	28.8	111	29.1
	39	56.7	13.0	70.8	17.4	89.7	24.3	99.0	28.1	103	29.4	106	29.8	110	30.2
110% (1045)	10	52.0	6.86	64.9	8.54	82.2	11.0	90.7	12.3	99.2	13.6	116	16.3	132	19.0
	12	52.0	6.97	64.9	8.69	82.2	11.2	90.7	12.5	99.2	13.9	116	16.7	131	18.9
	14	52.0	7.08	64.9	8.84	82.2	11.4	90.7	12.8	99.2	14.1	116	17.0	129	18.8
	16	52.0	7.19	64.9	8.99	82.2	11.6	90.7	13.0	99.2	14.4	116	17.3	127	18.7
	18	52.0	7.31	64.9	9.16	82.2	11.9	90.7	13.3	99.2	14.7	116	17.8	126	19.7
	20	52.0	7.44	64.9	9.33	82.2	12.1	90.7	13.5	99.2	15.2	116	19.1	124	20.6
	21	52.0	7.50	64.9	9.41	82.2	12.2	90.7	13.8	99.2	15.7	116	19.8	123	21.1
	23	52.0	7.63	64.9	9.59	82.2	12.9	90.7	14.8	99.2	16.8	116	21.2	121	22.1
	25	52.0	7.77	64.9	10.1	82.2	13.8	90.7	15.8	99.2	18.0	116	22.7	119	23.0
	27	52.0	8.26	64.9	10.8	82.2	14.7	90.7	16.9	99.2	19.2	115	23.8	118	24.0
	29	52.0	8.77	64.9	11.5	82.2	15.7	90.7	18.0	99.2	20.5	113	24.7	116	25.0
	31	52.0	9.30	64.9	12.2	82.2	16.7	90.7	19.2	99.2	21.9	111	25.7	114	26.0
	33	52.0	9.86	64.9	12.9	82.2	17.8	90.7	20.5	99.2	23.4	110	26.7	113	26.9
	35	52.0	10.4	64.9	13.7	82.2	19.0	90.7	21.8	99.2	24.9	108	27.6	111	27.9
	37	52.0	11.1	64.9	14.6	82.2	20.2	90.7	23.2	99.2	26.5	106	28.6	109	28.9
	39	52.0	11.7	64.9	15.5	82.2	21.4	90.7	24.7	99.2	28.3	104	29.6	107	29.9
100% (950)	10	47.3	6.28	59.0	7.75	74.7	9.93	82.5	11.1	90.2	12.2	106	14.6	120	17.0
	12	47.3	6.37	59.0	7.88	74.7	10.1	82.5	11.3	90.2	12.5	106	14.9	120	17.4
	14	47.3	6.47	59.0	8.01	74.7	10.3	82.5	11.5	90.2	12.7	106	15.2	120	17.7
	16	47.3	6.57	59.0	8.15	74.7	10.5	82.5	11.7	90.2	12.9	106	15.5	120	18.0
	18	47.3	6.67	59.0	8.29	74.7	10.7	82.5	11.9	90.2	13.2	106	15.8	120	18.7
	20	47.3	6.78	59.0	8.44	74.7	10.9	82.5	12.1	90.2	13.4	106	16.6	120	20.2
	21	47.3	6.84	59.0	8.52	74.7	11.0	82.5	12.3	90.2	13.7	106	17.2	120	20.9
	23	47.3	6.95	59.0	8.67	74.7	11.4	82.5	13.0	90.2	14.7	106	18.4	119	21.9
	25	47.3	7.08	59.0	9.00	74.7	12.1	82.5	13.9	90.2	15.7	106	19.7	117	22.9
	27	47.3	7.42	59.0	9.58	74.7	12.9	82.5	14.8	90.2	16.8	106	21.1	116	23.8
	29	47.3	7.87	59.0	10.2	74.7	13.8	82.5	15.8	90.2	17.9	106	22.5	114	24.8
	31	47.3	8.34	59.0	10.8	74.7	14.7	82.5	16.8	90.2	19.1	106	24.0	112	25.8
	33	47.3	8.84	59.0	11.5	74.7	15.6	82.5	17.9	90.2	20.3	106	25.6	110	26.7
	35	47.3	9.35	59.0	12.2	74.7	16.6	82.5	19.0	90.2	21.7	106	27.3	109	27.7
	37	47.3	9.90	59.0	12.9	74.7	17.6	82.5	20.3	90.2	23.1	104	28.4	107	28.7
	39	47.3	10.5	59.0	13.7	74.7	18.7	82.5	21.5	90.2	24.5	102	29.4	105	29.7
90% (855)	10	42.6	5.71	53.1	6.99	67.3	8.87	74.2	9.85	81.2	10.9	95.0	13.0	108	15.1
	12	42.6	5.79	53.1	7.10	67.3	9.02	74.2	10.0	81.2	11.1	95.0	13.2	108	15.4
	14	42.6	5.88	53.1	7.21	67.3	9.18	74.2	10.2	81.2	11.3	95.0	13.5	108	15.7
	16	42.6	5.97	53.1	7.33	67.3	9.35	74.2	10.4	81.2	11.5	95.0	13.7	108	16.0
	18	42.6	6.06	53.1	7.46	67.3	9.52	74.2	10.6	81.2	11.7	95.0	14.0	108	16.3
	20	42.6	6.15	53.1	7.58	67.3	9.69	74.2	10.8	81.2	11.9	95.0	14.3	108	17.2
	21	42.6	6.20	53.1	7.65	67.3	9.79	74.2	10.9	81.2	12.0	95.0	14.8	108	17.8
	23	42.6	6.30	53.1	7.79	67.3	9.98	74.2	11.3	81.2	12.7	95.0	15.8	108	19.1
	25	42.6	6.41	53.1	7.95	67.3	10.6	74.2	12.0	81.2	13.6	95.0	16.9	108	20.5
	27	42.6	6.63	53.1	8.45	67.3	11.3	74.2	12.8	81.2	14.5	95.0	18.1	108	21.9
	29	42.6	7.03	53.1	8.98	67.3	12.0	74.2	13.7	81.2	15.4	95.0	19.3	108	23.4
	31	42.6	7.44	53.1	9.52	67.3	12.8	74.2	14.5	81.2	16.4	95.0	20.6	108	25.0
	33	42.6	7.87	53.1	10.1	67.3	13.6	74.2	15.5	81.2	17.5	95.0	21.9	108	26.5
	35	42.6	8.32	53.1	10.7	67.3	14.4	74.2	16.4	81.2	18.6	95.0	23.4	106	27.5
	37	42.6	8.79	53.1	11.3	67.3	15.3	74.2	17.5	81.2	19.8	95.0	24.9	105	28.5
	39	42.6	9.29	53.1	12.0	67.3	16.2	74.2	18.6	81.2	21.1	95.0	26.5	103	29.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (760)	10	37.8	5.17	47.2	6.26	59.8	7.86	66.0	8.70	72.2	9.56	84.5	11.4	96.3	13.2
	12	37.8	5.24	47.2	6.35	59.8	7.99	66.0	8.84	72.2	9.73	84.5	11.6	96.3	13.4
	14	37.8	5.31	47.2	6.45	59.8	8.12	66.0	9.00	72.2	9.90	84.5	11.8	96.3	13.7
	16	37.8	5.39	47.2	6.55	59.8	8.26	66.0	9.16	72.2	10.1	84.5	12.0	96.3	13.9
	18	37.8	5.47	47.2	6.66	59.8	8.41	66.0	9.32	72.2	10.3	84.5	12.2	96.3	14.2
	20	37.8	5.55	47.2	6.77	59.8	8.56	66.0	9.50	72.2	10.5	84.5	12.5	96.3	14.5
	21	37.8	5.59	47.2	6.82	59.8	8.64	66.0	9.59	72.2	10.6	84.5	12.6	96.3	15.0
	23	37.8	5.67	47.2	6.94	59.8	8.80	66.0	9.77	72.2	10.9	84.5	13.4	96.3	16.1
	25	37.8	5.76	47.2	7.06	59.8	9.15	66.0	10.3	72.2	11.6	84.5	14.3	96.3	17.2
	27	37.8	5.89	47.2	7.40	59.8	9.74	66.0	11.0	72.2	12.4	84.5	15.3	96.3	18.4
	29	37.8	6.23	47.2	7.85	59.8	10.4	66.0	11.7	72.2	13.2	84.5	16.3	96.3	19.7
	31	37.8	6.59	47.2	8.32	59.8	11.0	66.0	12.5	72.2	14.0	84.5	17.4	96.3	21.0
	33	37.8	6.97	47.2	8.81	59.8	11.7	66.0	13.2	72.2	14.9	84.5	18.5	96.3	22.4
	35	37.8	7.35	47.2	9.33	59.8	12.4	66.0	14.1	72.2	15.8	84.5	19.7	96.3	23.8
	37	37.8	7.76	47.2	9.87	59.8	13.1	66.0	14.9	72.2	16.8	84.5	21.0	96.3	25.4
	39	37.8	8.19	47.2	10.4	59.8	13.9	66.0	15.8	72.2	17.9	84.5	22.3	96.3	27.0
70% (665)	10	33.1	4.66	41.3	5.56	52.3	6.89	57.7	7.59	63.2	8.31	73.9	9.81	84.3	11.3
	12	33.1	4.72	41.3	5.64	52.3	7.00	57.7	7.71	63.2	8.45	73.9	9.98	84.3	11.5
	14	33.1	4.78	41.3	5.72	52.3	7.11	57.7	7.84	63.2	8.60	73.9	10.2	84.3	11.8
	16	33.1	4.84	41.3	5.81	52.3	7.23	57.7	7.97	63.2	8.75	73.9	10.3	84.3	12.0
	18	33.1	4.90	41.3	5.89	52.3	7.35	57.7	8.11	63.2	8.90	73.9	10.5	84.3	12.2
	20	33.1	4.97	41.3	5.98	52.3	7.48	57.7	8.26	63.2	9.07	73.9	10.7	84.3	12.4
	21	33.1	5.00	41.3	6.03	52.3	7.54	57.7	8.33	63.2	9.15	73.9	10.8	84.3	12.6
	23	33.1	5.08	41.3	6.13	52.3	7.68	57.7	8.48	63.2	9.32	73.9	11.2	84.3	13.4
	25	33.1	5.15	41.3	6.23	52.3	7.82	57.7	8.77	63.2	9.79	73.9	12.0	84.3	14.3
	27	33.1	5.23	41.3	6.43	52.3	8.31	57.7	9.33	63.2	10.4	73.9	12.8	84.3	15.2
	29	33.1	5.49	41.3	6.81	52.3	8.83	57.7	9.92	63.2	11.1	73.9	13.6	84.3	16.3
	31	33.1	5.80	41.3	7.20	52.3	9.36	57.7	10.5	63.2	11.8	73.9	14.5	84.3	17.3
	33	33.1	6.12	41.3	7.62	52.3	9.93	57.7	11.2	63.2	12.5	73.9	15.4	84.3	18.4
	35	33.1	6.45	41.3	8.05	52.3	10.5	57.7	11.9	63.2	13.3	73.9	16.4	84.3	19.6
	37	33.1	6.80	41.3	8.51	52.3	11.1	57.7	12.6	63.2	14.1	73.9	17.4	84.3	20.9
	39	33.1	7.16	41.3	8.98	52.3	11.8	57.7	13.3	63.2	15.0	73.9	18.5	84.3	22.2
60% (570)	10	28.4	4.17	35.4	4.90	44.8	5.98	49.5	6.54	54.1	7.13	63.4	8.34	72.2	9.57
	12	28.4	4.22	35.4	4.97	44.8	6.07	49.5	6.64	54.1	7.24	63.4	8.48	72.2	9.74
	14	28.4	4.26	35.4	5.03	44.8	6.16	49.5	6.75	54.1	7.36	63.4	8.62	72.2	9.91
	16	28.4	4.31	35.4	5.10	44.8	6.25	49.5	6.85	54.1	7.48	63.4	8.77	72.2	10.1
	18	28.4	4.37	35.4	5.17	44.8	6.35	49.5	6.96	54.1	7.60	63.4	8.93	72.2	10.3
	20	28.4	4.42	35.4	5.24	44.8	6.45	49.5	7.08	54.1	7.74	63.4	9.10	72.2	10.5
	21	28.4	4.45	35.4	5.28	44.8	6.50	49.5	7.14	54.1	7.80	63.4	9.18	72.2	10.6
	23	28.4	4.51	35.4	5.36	44.8	6.61	49.5	7.27	54.1	7.95	63.4	9.35	72.2	10.9
	25	28.4	4.57	35.4	5.44	44.8	6.73	49.5	7.40	54.1	8.14	63.4	9.83	72.2	11.6
	27	28.4	4.63	35.4	5.53	44.8	7.01	49.5	7.80	54.1	8.65	63.4	10.5	72.2	12.4
	29	28.4	4.80	35.4	5.84	44.8	7.43	49.5	8.28	54.1	9.19	63.4	11.1	72.2	13.2
	31	28.4	5.06	35.4	6.17	44.8	7.87	49.5	8.78	54.1	9.75	63.4	11.8	72.2	14.0
	33	28.4	5.33	35.4	6.52	44.8	8.33	49.5	9.30	54.1	10.3	63.4	12.6	72.2	14.9
	35	28.4	5.61	35.4	6.88	44.8	8.81	49.5	9.85	54.1	11.0	63.4	13.3	72.2	15.9
	37	28.4	5.90	35.4	7.25	44.8	9.32	49.5	10.4	54.1	11.6	63.4	14.2	72.2	16.9
	39	28.4	6.21	35.4	7.65	44.8	9.85	49.5	11.0	54.1	12.3	63.4	15.0	72.2	17.9
50% (475)	10	23.6	3.70	29.5	4.28	37.4	5.12	41.2	5.56	45.1	6.01	52.8	6.96	60.2	7.92
	12	23.6	3.74	29.5	4.33	37.4	5.19	41.2	5.64	45.1	6.10	52.8	7.06	60.2	8.05
	14	23.6	3.78	29.5	4.38	37.4	5.26	41.2	5.72	45.1	6.19	52.8	7.18	60.2	8.18
	16	23.6	3.82	29.5	4.43	37.4	5.33	41.2	5.80	45.1	6.29	52.8	7.30	60.2	8.32
	18	23.6	3.86	29.5	4.49	37.4	5.41	41.2	5.89	45.1	6.39	52.8	7.42	60.2	8.47
	20	23.6	3.90	29.5	4.55	37.4	5.49	41.2	5.98	45.1	6.49	52.8	7.55	60.2	8.62
	21	23.6	3.93	29.5	4.58	37.4	5.53	41.2	6.03	45.1	6.54	52.8	7.61	60.2	8.70
	23	23.6	3.97	29.5	4.64	37.4	5.61	41.2	6.12	45.1	6.65	52.8	7.75	60.2	8.86
	25	23.6	4.02	29.5	4.70	37.4	5.70	41.2	6.22	45.1	6.76	52.8	7.91	60.2	9.23
	27	23.6	4.07	29.5	4.77	37.4	5.82	41.2	6.42	45.1	7.05	52.8	8.40	60.2	9.82
	29	23.6	4.16	29.5	4.96	37.4	6.16	41.2	6.80	45.1	7.48	52.8	8.92	60.2	10.4
	31	23.6	4.38	29.5	5.23	37.4	6.51	41.2	7.20	45.1	7.92	52.8	9.47	60.2	11.1
	33	23.6	4.60	29.5	5.51	37.4	6.88	41.2	7.61	45.1	8.38	52.8	10.0	60.2	11.8
	35	23.6	4.84	29.5	5.80	37.4	7.26	41.2	8.04	45.1	8.87	52.8	10.6	60.2	12.5
	37	23.6	5.08	29.5	6.11	37.4	7.66	41.2	8.50	45.1	9.38	52.8	11.3	60.2	13.3
	39	23.6	5.33	29.5	6.42	37.4	8.08	41.2	8.97	45.1	9.91	52.8	11.9	60.2	14.1

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ40TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1300)	10	65.0	8.42	81.1	10.6	103	13.9	113	15.5	124	17.2	141	19.6	145	18.7
	12	65.0	8.56	81.1	10.8	103	14.1	113	15.8	124	17.5	139	19.5	143	18.6
	14	65.0	8.71	81.1	11.0	103	14.4	113	16.1	124	17.9	137	19.4	141	18.7
	16	65.0	8.86	81.1	11.2	103	14.7	113	16.4	124	18.2	136	19.5	139	19.7
	18	65.0	9.02	81.1	11.4	103	14.9	113	16.8	124	18.8	134	20.5	138	20.8
	20	65.0	9.18	81.1	11.7	103	15.3	113	17.7	124	20.2	132	21.5	136	21.8
	21	65.0	9.27	81.1	11.8	103	15.9	113	18.3	124	20.9	131	22.0	135	22.3
	23	65.0	9.44	81.1	12.3	103	17.0	113	19.6	124	22.4	129	23.0	133	23.3
	25	65.0	9.86	81.1	13.1	103	18.2	113	21.0	123	23.8	127	24.1	131	24.3
	27	65.0	10.5	81.1	13.9	103	19.4	113	22.4	122	24.8	125	25.1	129	25.4
	29	65.0	11.2	81.1	14.9	103	20.7	113	24.0	120	25.8	124	26.1	127	26.4
	31	65.0	11.9	81.1	15.8	103	22.1	113	25.6	118	26.8	122	27.1	126	27.4
	33	65.0	12.6	81.1	16.8	103	23.6	113	27.3	116	27.8	120	28.1	124	28.5
	35	65.0	13.4	81.1	17.9	103	25.1	112	28.6	114	28.8	118	29.2	122	29.5
	37	65.0	14.2	81.1	19.0	103	26.8	110	29.6	112	29.8	116	30.2	120	30.6
	39	65.0	15.0	81.1	20.2	103	28.5	109	30.6	111	30.9	115	31.3	118	31.7
120% (1200)	10	60.0	7.77	74.8	9.75	94.8	12.7	105	14.2	115	15.7	134	18.8	142	19.3
	12	60.0	7.90	74.8	9.92	94.8	12.9	105	14.4	115	16.0	134	19.2	141	19.2
	14	60.0	8.03	74.8	10.1	94.8	13.1	105	14.7	115	16.3	134	19.6	139	19.1
	16	60.0	8.16	74.8	10.3	94.8	13.4	105	15.0	115	16.6	133	19.8	137	19.6
	18	60.0	8.31	74.8	10.5	94.8	13.6	105	15.3	115	16.9	132	20.4	135	20.6
	20	60.0	8.45	74.8	10.7	94.8	13.9	105	15.7	115	17.9	130	21.4	133	21.6
	21	60.0	8.53	74.8	10.8	94.8	14.2	105	16.3	115	18.6	129	21.9	132	22.1
	23	60.0	8.68	74.8	11.0	94.8	15.2	105	17.4	115	19.9	127	22.9	131	23.1
	25	60.0	8.96	74.8	11.8	94.8	16.2	105	18.7	115	21.3	125	23.9	129	24.2
	27	60.0	9.53	74.8	12.5	94.8	17.3	105	19.9	115	22.8	123	24.9	127	25.2
	29	60.0	10.1	74.8	13.4	94.8	18.5	105	21.3	115	24.3	122	25.9	125	26.2
	31	60.0	10.7	74.8	14.2	94.8	19.7	105	22.7	115	26.0	120	26.9	123	27.2
	33	60.0	11.4	74.8	15.1	94.8	21.0	105	24.2	114	27.6	118	28.0	121	28.3
	35	60.0	12.1	74.8	16.1	94.8	22.4	105	25.8	112	28.6	116	29.0	120	29.3
	37	60.0	12.8	74.8	17.1	94.8	23.8	105	27.5	111	29.7	114	30.0	118	30.4
	39	60.0	13.6	74.8	18.1	94.8	25.3	105	29.3	109	30.7	112	31.0	116	31.4
110% (1100)	10	55.0	7.14	68.6	8.90	86.9	11.5	95.9	12.8	105	14.2	123	17.0	140	19.8
	12	55.0	7.26	68.6	9.05	86.9	11.7	95.9	13.1	105	14.5	123	17.3	138	19.7
	14	55.0	7.37	68.6	9.21	86.9	11.9	95.9	13.3	105	14.7	123	17.7	136	19.6
	16	55.0	7.49	68.6	9.37	86.9	12.1	95.9	13.6	105	15.0	123	18.0	135	19.5
	18	55.0	7.62	68.6	9.54	86.9	12.4	95.9	13.8	105	15.3	123	18.5	133	20.5
	20	55.0	7.75	68.6	9.71	86.9	12.6	95.9	14.1	105	15.8	123	19.9	131	21.5
	21	55.0	7.81	68.6	9.80	86.9	12.7	95.9	14.4	105	16.4	123	20.6	130	22.0
	23	55.0	7.95	68.6	9.99	86.9	13.5	95.9	15.4	105	17.5	123	22.1	128	23.0
	25	55.0	8.10	68.6	10.5	86.9	14.4	95.9	16.5	105	18.7	123	23.7	126	24.0
	27	55.0	8.61	68.6	11.2	86.9	15.3	95.9	17.6	105	20.0	121	24.8	125	25.0
	29	55.0	9.14	68.6	11.9	86.9	16.4	95.9	18.8	105	21.4	119	25.8	123	26.0
	31	55.0	9.69	68.6	12.7	86.9	17.4	95.9	20.0	105	22.8	118	26.8	121	27.0
	33	55.0	10.3	68.6	13.5	86.9	18.6	95.9	21.3	105	24.3	116	27.8	119	28.1
	35	55.0	10.9	68.6	14.3	86.9	19.7	95.9	22.7	105	25.9	114	28.8	117	29.1
	37	55.0	11.5	68.6	15.2	86.9	21.0	95.9	24.2	105	27.6	112	29.8	115	30.1
	39	55.0	12.2	68.6	16.1	86.9	22.3	95.9	25.8	105	29.4	110	30.8	114	31.2
100% (1000)	10	50.0	6.54	62.4	8.08	79.0	10.3	87.2	11.5	95.4	12.7	112	15.2	127	17.8
	12	50.0	6.63	62.4	8.21	79.0	10.5	87.2	11.7	95.4	13.0	112	15.5	127	18.1
	14	50.0	6.74	62.4	8.34	79.0	10.7	87.2	11.9	95.4	13.2	112	15.8	127	18.4
	16	50.0	6.84	62.4	8.49	79.0	10.9	87.2	12.2	95.4	13.5	112	16.1	127	18.8
	18	50.0	6.95	62.4	8.64	79.0	11.1	87.2	12.4	95.4	13.7	112	16.5	127	19.5
	20	50.0	7.06	62.4	8.79	79.0	11.3	87.2	12.6	95.4	14.0	112	17.3	127	21.0
	21	50.0	7.12	62.4	8.87	79.0	11.4	87.2	12.8	95.4	14.3	112	17.9	127	21.8
	23	50.0	7.24	62.4	9.03	79.0	11.8	87.2	13.5	95.4	15.3	112	19.2	126	22.8
	25	50.0	7.37	62.4	9.38	79.0	12.6	87.2	14.4	95.4	16.4	112	20.5	124	23.8
	27	50.0	7.73	62.4	9.98	79.0	13.5	87.2	15.4	95.4	17.5	112	21.9	122	24.8
	29	50.0	8.20	62.4	10.6	79.0	14.4	87.2	16.4	95.4	18.6	112	23.4	120	25.8
	31	50.0	8.69	62.4	11.3	79.0	15.3	87.2	17.5	95.4	19.9	112	25.0	119	26.8
	33	50.0	9.21	62.4	12.0	79.0	16.3	87.2	18.6	95.4	21.2	112	26.7	117	27.9
	35	50.0	9.74	62.4	12.7	79.0	17.3	87.2	19.8	95.4	22.6	112	28.5	115	28.9
	37	50.0	10.3	62.4	13.4	79.0	18.4	87.2	21.1	95.4	24.0	110	29.6	113	29.9
	39	50.0	10.9	62.4	14.3	79.0	19.5	87.2	22.4	95.4	25.6	108	30.6	111	30.9
90% (900)	10	45.0	5.95	56.1	7.28	71.1	9.24	78.5	10.3	85.9	11.3	101	13.5	115	15.7
	12	45.0	6.04	56.1	7.40	71.1	9.40	78.5	10.4	85.9	11.5	101	13.8	115	16.0
	14	45.0	6.12	56.1	7.51	71.1	9.56	78.5	10.6	85.9	11.7	101	14.0	115	16.3
	16	45.0	6.21	56.1	7.64	71.1	9.74	78.5	10.8	85.9	12.0	101	14.3	115	16.6
	18	45.0	6.31	56.1	7.77	71.1	9.91	78.5	11.0	85.9	12.2	101	14.6	115	17.0
	20	45.0	6.41	56.1	7.90	71.1	10.1	78.5	11.2	85.9	12.4	101	14.9	115	17.9
	21	45.0	6.46	56.1	7.97	71.1	10.2	78.5	11.4	85.9	12.6	101	15.4	115	18.6
	23	45.0	6.56	56.1	8.11	71.1	10.4	78.5	11.7	85.9	13.2	101	16.5	115	19.9
	25	45.0	6.67	56.1	8.28	71.1	11.0	78.5	12.5	85.9	14.1	101	17.6	115	21.3
	27	45.0	6.91	56.1	8.80	71.1	11.8	78.5	13.4	85.9	15.1	101	18.8	115	22.8
	29	45.0	7.32	56.1	9.35	71.1	12.5	78.5	14.2	85.9	16.1	101	20.1	115	24.4
	31	45.0	7.75	56.1	9.92	71.1	13.3	78.5	15.2	85.9	17.1	101	21.4	115	26.0
	33	45.0	8.20	56.1	10.5	71.1	14.1	78.5	16.1	85.9	18.2	101	22.8	114	27.6
	35	45.0	8.67	56.1	11.1	71.1	15.0	78.5	17.1	85.9	19.4	101	24.3	112	28.6
	37	45.0	9.16	56.1	11.8	71.1	15.9	78.5	18.2	85.9	20.6	101	25.9	111	29.7
	39	45.0	9.68	56.1	12.5	71.1	16.9	78.5	19.3	85.9	21.9	101	27.6	109	30.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (800)	10	40.0	5.39	49.9	6.52	63.2	8.19	69.8	9.06	76.3	9.96	89.3	11.8	102	13.7
	12	40.0	5.46	49.9	6.62	63.2	8.32	69.8	9.21	76.3	10.1	89.3	12.0	102	14.0
	14	40.0	5.54	49.9	6.72	63.2	8.46	69.8	9.37	76.3	10.3	89.3	12.3	102	14.2
	16	40.0	5.61	49.9	6.82	63.2	8.61	69.8	9.54	76.3	10.5	89.3	12.5	102	14.5
	18	40.0	5.69	49.9	6.93	63.2	8.76	69.8	9.71	76.3	10.7	89.3	12.7	102	14.8
	20	40.0	5.78	49.9	7.05	63.2	8.92	69.8	9.89	76.3	10.9	89.3	13.0	102	15.1
	21	40.0	5.82	49.9	7.11	63.2	9.00	69.8	9.99	76.3	11.0	89.3	13.1	102	15.7
	23	40.0	5.91	49.9	7.23	63.2	9.17	69.8	10.2	76.3	11.3	89.3	14.0	102	16.8
	25	40.0	6.00	49.9	7.35	63.2	9.53	69.8	10.8	76.3	12.1	89.3	14.9	102	18.0
	27	40.0	6.14	49.9	7.71	63.2	10.1	69.8	11.5	76.3	12.9	89.3	15.9	102	19.2
	29	40.0	6.49	49.9	8.18	63.2	10.8	69.8	12.2	76.3	13.7	89.3	17.0	102	20.5
	31	40.0	6.87	49.9	8.67	63.2	11.5	69.8	13.0	76.3	14.6	89.3	18.1	102	21.8
	33	40.0	7.26	49.9	9.18	63.2	12.2	69.8	13.8	76.3	15.5	89.3	19.3	102	23.3
	35	40.0	7.66	49.9	9.72	63.2	12.9	69.8	14.6	76.3	16.5	89.3	20.5	102	24.8
	37	40.0	8.09	49.9	10.3	63.2	13.7	69.8	15.5	76.3	17.5	89.3	21.8	102	26.4
	39	40.0	8.53	49.9	10.9	63.2	14.5	69.8	16.5	76.3	18.6	89.3	23.2	102	28.2
70% (700)	10	35.0	4.85	43.7	5.80	55.3	7.18	61.1	7.91	66.8	8.66	78.2	10.2	89.1	11.8
	12	35.0	4.91	43.7	5.88	55.3	7.29	61.1	8.03	66.8	8.80	78.2	10.4	89.1	12.0
	14	35.0	4.98	43.7	5.96	55.3	7.41	61.1	8.17	66.8	8.95	78.2	10.6	89.1	12.2
	16	35.0	5.04	43.7	6.05	55.3	7.53	61.1	8.31	66.8	9.11	78.2	10.8	89.1	12.5
	18	35.0	5.11	43.7	6.14	55.3	7.66	61.1	8.45	66.8	9.27	78.2	11.0	89.1	12.7
	20	35.0	5.18	43.7	6.23	55.3	7.79	61.1	8.60	66.8	9.44	78.2	11.2	89.1	13.0
	21	35.0	5.21	43.7	6.28	55.3	7.86	61.1	8.68	66.8	9.53	78.2	11.3	89.1	13.1
	23	35.0	5.29	43.7	6.38	55.3	8.00	61.1	8.84	66.8	9.71	78.2	11.7	89.1	13.9
	25	35.0	5.37	43.7	6.49	55.3	8.15	61.1	9.14	66.8	10.2	78.2	12.5	89.1	14.9
	27	35.0	5.45	43.7	6.69	55.3	8.66	61.1	9.72	66.8	10.9	78.2	13.3	89.1	15.9
	29	35.0	5.72	43.7	7.09	55.3	9.19	61.1	10.3	66.8	11.5	78.2	14.2	89.1	16.9
	31	35.0	6.04	43.7	7.50	55.3	9.75	61.1	11.0	66.8	12.3	78.2	15.1	89.1	18.0
	33	35.0	6.37	43.7	7.94	55.3	10.3	61.1	11.6	66.8	13.0	78.2	16.0	89.1	19.2
	35	35.0	6.72	43.7	8.39	55.3	11.0	61.1	12.4	66.8	13.8	78.2	17.0	89.1	20.5
	37	35.0	7.08	43.7	8.86	55.3	11.6	61.1	13.1	66.8	14.7	78.2	18.1	89.1	21.8
	39	35.0	7.46	43.7	9.36	55.3	12.3	61.1	13.9	66.8	15.6	78.2	19.2	89.1	23.2
60% (600)	10	30.0	4.34	37.4	5.11	47.4	6.23	52.3	6.82	57.3	7.42	67.0	8.69	76.4	9.97
	12	30.0	4.39	37.4	5.17	47.4	6.32	52.3	6.92	57.3	7.54	67.0	8.83	76.4	10.1
	14	30.0	4.44	37.4	5.24	47.4	6.41	52.3	7.03	57.3	7.66	67.0	8.98	76.4	10.3
	16	30.0	4.49	37.4	5.31	47.4	6.51	52.3	7.14	57.3	7.79	67.0	9.14	76.4	10.5
	18	30.0	4.55	37.4	5.39	47.4	6.61	52.3	7.26	57.3	7.92	67.0	9.30	76.4	10.7
	20	30.0	4.61	37.4	5.46	47.4	6.72	52.3	7.38	57.3	8.06	67.0	9.48	76.4	10.9
	21	30.0	4.64	37.4	5.50	47.4	6.77	52.3	7.44	57.3	8.13	67.0	9.56	76.4	11.0
	23	30.0	4.70	37.4	5.58	47.4	6.89	52.3	7.57	57.3	8.28	67.0	9.74	76.4	11.3
	25	30.0	4.76	37.4	5.67	47.4	7.01	52.3	7.70	57.3	8.48	67.0	10.2	76.4	12.1
	27	30.0	4.82	37.4	5.76	47.4	7.30	52.3	8.13	57.3	9.01	67.0	10.9	76.4	12.9
	29	30.0	5.00	37.4	6.09	47.4	7.74	52.3	8.63	57.3	9.57	67.0	11.6	76.4	13.7
	31	30.0	5.27	37.4	6.43	47.4	8.20	52.3	9.15	57.3	10.2	67.0	12.3	76.4	14.6
	33	30.0	5.55	37.4	6.79	47.4	8.68	52.3	9.69	57.3	10.8	67.0	13.1	76.4	15.5
	35	30.0	5.85	37.4	7.16	47.4	9.18	52.3	10.3	57.3	11.4	67.0	13.9	76.4	16.5
	37	30.0	6.15	37.4	7.56	47.4	9.70	52.3	10.9	57.3	12.1	67.0	14.7	76.4	17.6
	39	30.0	6.47	37.4	7.96	47.4	10.3	52.3	11.5	57.3	12.8	67.0	15.6	76.4	18.6
50% (500)	10	25.0	3.86	31.2	4.46	39.5	5.34	43.6	5.79	47.7	6.26	55.8	7.25	63.7	8.25
	12	25.0	3.90	31.2	4.51	39.5	5.41	43.6	5.87	47.7	6.36	55.8	7.36	63.7	8.38
	14	25.0	3.94	31.2	4.56	39.5	5.48	43.6	5.96	47.7	6.45	55.8	7.48	63.7	8.52
	16	25.0	3.98	31.2	4.62	39.5	5.56	43.6	6.04	47.7	6.55	55.8	7.60	63.7	8.67
	18	25.0	4.02	31.2	4.68	39.5	5.63	43.6	6.13	47.7	6.65	55.8	7.73	63.7	8.82
	20	25.0	4.07	31.2	4.74	39.5	5.72	43.6	6.23	47.7	6.76	55.8	7.86	63.7	8.98
	21	25.0	4.09	31.2	4.77	39.5	5.76	43.6	6.28	47.7	6.81	55.8	7.93	63.7	9.06
	23	25.0	4.14	31.2	4.83	39.5	5.85	43.6	6.38	47.7	6.93	55.8	8.07	63.7	9.23
	25	25.0	4.19	31.2	4.90	39.5	5.94	43.6	6.48	47.7	7.05	55.8	8.23	63.7	9.61
	27	25.0	4.24	31.2	4.97	39.5	6.06	43.6	6.69	47.7	7.35	55.8	8.75	63.7	10.2
	29	25.0	4.33	31.2	5.16	39.5	6.41	43.6	7.08	47.7	7.79	55.8	9.29	63.7	10.9
	31	25.0	4.56	31.2	5.45	39.5	6.78	43.6	7.50	47.7	8.25	55.8	9.86	63.7	11.6
	33	25.0	4.80	31.2	5.74	39.5	7.16	43.6	7.93	47.7	8.73	55.8	10.5	63.7	12.3
	35	25.0	5.04	31.2	6.04	39.5	7.56	43.6	8.38	47.7	9.24	55.8	11.1	63.7	13.0
	37	25.0	5.29	31.2	6.36	39.5	7.98	43.6	8.85	47.7	9.77	55.8	11.7	63.7	13.8
	39	25.0	5.55	31.2	6.69	39.5	8.42	43.6	9.35	47.7	10.3	55.8	12.4	63.7	14.6

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ42TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1365)	10	68.8	8.89	85.8	11.2	109	14.6	120	16.4	131	18.2	149	20.7	153	19.8
	12	68.8	9.03	85.8	11.4	109	14.9	120	16.7	131	18.5	147	20.6	151	19.6
	14	68.8	9.19	85.8	11.6	109	15.2	120	17.0	131	18.9	145	20.5	149	19.8
	16	68.8	9.35	85.8	11.8	109	15.5	120	17.3	131	19.2	143	20.6	147	20.8
	18	68.8	9.51	85.8	12.1	109	15.8	120	17.7	131	19.8	141	21.7	145	21.9
	20	68.8	9.68	85.8	12.3	109	16.2	120	18.6	131	21.3	140	22.7	144	23.0
	21	68.8	9.77	85.8	12.4	109	16.7	120	19.3	131	22.1	139	23.3	143	23.5
	23	68.8	9.96	85.8	12.9	109	17.9	120	20.7	131	23.7	137	24.3	141	24.6
	25	68.8	10.4	85.8	13.8	109	19.2	120	22.1	131	25.1	135	25.4	139	25.7
	27	68.8	11.1	85.8	14.7	109	20.5	120	23.7	129	26.1	133	26.5	137	26.7
	29	68.8	11.8	85.8	15.7	109	21.9	120	25.3	127	27.2	131	27.5	135	27.8
	31	68.8	12.5	85.8	16.7	109	23.3	120	27.0	125	28.3	129	28.6	133	28.9
	33	68.8	13.3	85.8	17.8	109	24.9	120	28.8	123	29.3	127	29.7	131	30.0
	35	68.8	14.1	85.8	18.9	109	26.5	119	30.2	121	30.4	125	30.8	129	31.2
	37	68.8	15.0	85.8	20.1	109	28.2	117	31.3	119	31.5	123	31.9	127	32.3
	39	68.8	15.9	85.8	21.3	109	30.1	115	32.3	117	32.5	121	33.0	125	33.4
120% (1260)	10	63.5	8.20	79.2	10.3	100	13.3	111	14.9	121	16.6	142	19.9	151	20.3
	12	63.5	8.33	79.2	10.5	100	13.6	111	15.2	121	16.9	142	20.2	149	20.2
	14	63.5	8.47	79.2	10.7	100	13.8	111	15.5	121	17.2	142	20.6	147	20.1
	16	63.5	8.61	79.2	10.8	100	14.1	111	15.8	121	17.5	141	20.9	145	20.7
	18	63.5	8.76	79.2	11.0	100	14.4	111	16.1	121	17.9	139	21.5	143	21.8
	20	63.5	8.92	79.2	11.3	100	14.7	111	16.6	121	18.9	137	22.6	141	22.8
	21	63.5	9.00	79.2	11.4	100	14.9	111	17.2	121	19.6	136	23.1	140	23.3
	23	63.5	9.16	79.2	11.6	100	16.0	111	18.4	121	21.0	134	24.2	138	24.4
	25	63.5	9.45	79.2	12.4	100	17.1	111	19.7	121	22.5	132	25.2	136	25.5
	27	63.5	10.0	79.2	13.2	100	18.3	111	21.0	121	24.0	131	26.3	134	26.6
	29	63.5	10.7	79.2	14.1	100	19.5	111	22.5	121	25.7	129	27.4	132	27.6
	31	63.5	11.3	79.2	15.0	100	20.8	111	24.0	121	27.4	127	28.4	130	28.7
	33	63.5	12.0	79.2	15.9	100	22.1	111	25.6	121	29.2	125	29.5	129	29.8
	35	63.5	12.8	79.2	16.9	100	23.6	111	27.3	119	30.2	123	30.6	127	30.9
	37	63.5	13.5	79.2	18.0	100	25.1	111	29.0	117	31.3	121	31.7	125	32.0
	39	63.5	14.3	79.2	19.1	100	26.7	111	30.9	115	32.4	119	32.8	123	33.1
110% (1155)	10	58.2	7.54	72.6	9.39	92.0	12.1	102	13.5	111	15.0	130	18.0	148	20.9
	12	58.2	7.65	72.6	9.55	92.0	12.3	102	13.8	111	15.3	130	18.3	146	20.8
	14	58.2	7.78	72.6	9.71	92.0	12.6	102	14.0	111	15.5	130	18.6	144	20.7
	16	58.2	7.90	72.6	9.88	92.0	12.8	102	14.3	111	15.8	130	19.0	142	20.6
	18	58.2	8.03	72.6	10.1	92.0	13.0	102	14.6	111	16.2	130	19.5	140	21.6
	20	58.2	8.17	72.6	10.2	92.0	13.3	102	14.9	111	16.7	130	21.0	139	22.7
	21	58.2	8.24	72.6	10.3	92.0	13.4	102	15.2	111	17.3	130	21.7	138	23.2
	23	58.2	8.39	72.6	10.5	92.0	14.2	102	16.3	111	18.5	130	23.3	136	24.2
	25	58.2	8.54	72.6	11.1	92.0	15.2	102	17.4	111	19.8	130	25.0	134	25.3
	27	58.2	9.08	72.6	11.8	92.0	16.2	102	18.6	111	21.1	128	26.1	132	26.4
	29	58.2	9.64	72.6	12.6	92.0	17.3	102	19.8	111	22.6	126	27.2	130	27.4
	31	58.2	10.2	72.6	13.4	92.0	18.4	102	21.1	111	24.1	125	28.2	128	28.5
	33	58.2	10.8	72.6	14.2	92.0	19.6	102	22.5	111	25.7	123	29.3	126	29.6
	35	58.2	11.5	72.6	15.1	92.0	20.8	102	24.0	111	27.4	121	30.4	124	30.7
	37	58.2	12.2	72.6	16.0	92.0	22.2	102	25.5	111	29.2	119	31.4	122	31.8
	39	58.2	12.9	72.6	17.0	92.0	23.6	102	27.2	111	31.1	117	32.5	120	32.9
100% (1050)	10	52.9	6.90	66.0	8.52	83.6	10.9	93.0	12.2	101	13.4	118	16.1	135	18.7
	12	52.9	7.00	66.0	8.66	83.6	11.1	93.0	12.4	101	13.7	118	16.4	135	19.1
	14	52.9	7.11	66.0	8.80	83.6	11.3	93.0	12.6	101	13.9	118	16.7	135	19.4
	16	52.9	7.22	66.0	8.95	83.6	11.5	93.0	12.8	101	14.2	118	17.0	135	19.8
	18	52.9	7.33	66.0	9.11	83.6	11.7	93.0	13.1	101	14.5	118	17.4	135	20.6
	20	52.9	7.45	66.0	9.27	83.6	11.9	93.0	13.3	101	14.8	118	18.2	135	22.1
	21	52.9	7.51	66.0	9.36	83.6	12.1	93.0	13.5	101	15.1	118	18.9	135	22.9
	23	52.9	7.64	66.0	9.53	83.6	12.5	93.0	14.3	101	16.1	118	20.2	133	24.1
	25	52.9	7.78	66.0	9.89	83.6	13.3	93.0	15.2	101	17.3	118	21.6	131	25.1
	27	52.9	8.16	66.0	10.5	83.6	14.2	93.0	16.3	101	18.4	118	23.1	129	26.2
	29	52.9	8.65	66.0	11.2	83.6	15.2	93.0	17.3	101	19.7	118	24.7	127	27.2
	31	52.9	9.17	66.0	11.9	83.6	16.1	93.0	18.5	101	21.0	118	26.4	125	28.3
	33	52.9	9.71	66.0	12.6	83.6	17.2	93.0	19.7	101	22.3	118	28.2	123	29.4
	35	52.9	10.3	66.0	13.4	83.6	18.2	93.0	20.9	101	23.8	118	30.0	122	30.5
	37	52.9	10.9	66.0	14.2	83.6	19.4	92.3	22.3	101	25.3	117	31.2	120	31.5
	39	52.9	11.5	66.0	15.0	83.6	20.6	92.3	23.7	101	27.0	115	32.3	118	32.6
90% (945)	10	47.6	6.28	59.4	7.68	75.3	9.75	83.0	10.8	90.9	11.9	106	14.3	121	16.6
	12	47.6	6.37	59.4	7.80	75.3	9.92	83.0	11.0	90.9	12.2	106	14.5	121	16.9
	14	47.6	6.46	59.4	7.93	75.3	10.1	83.0	11.2	90.9	12.4	106	14.8	121	17.2
	16	47.6	6.56	59.4	8.06	75.3	10.3	83.0	11.4	90.9	12.6	106	15.1	121	17.5
	18	47.6	6.66	59.4	8.19	75.3	10.5	83.0	11.6	90.9	12.9	106	15.4	121	17.9
	20	47.6	6.76	59.4	8.33	75.3	10.7	83.0	11.9	90.9	13.1	106	15.7	121	18.9
	21	47.6	6.81	59.4	8.41	75.3	10.8	83.0	12.0	90.9	13.2	106	16.2	121	19.6
	23	47.6	6.92	59.4	8.56	75.3	11.0	83.0	12.4	90.9	14.0	106	17.4	121	21.0
	25	47.6	7.04	59.4	8.74	75.3	11.6	83.0	13.2	90.9	14.9	106	18.6	121	22.5
	27	47.6	7.29	59.4	9.29	75.3	12.4	83.0	14.1	90.9	15.9	106	19.8	121	24.1
	29	47.6	7.72	59.4	9.86	75.3	13.2	83.0	15.0	90.9	17.0	106	21.2	121	25.7
	31	47.6	8.18	59.4	10.5	75.3	14.0	83.0	16.0	90.9	18.1	106	22.6	121	27.5
	33	47.6	8.65	59.4	11.1	75.3	14.9	83.0	17.0	90.9	19.2	106	24.1	121	29.2
	35	47.6	9.14	59.4	11.8	75.3	15.8	83.0	18.1	90.9	20.5	106	25.7	119	30.2
	37	47.6	9.66	59.4	12.5	75.3	16.8	83.0	19.2	90.9	21.8	106	27.3	117	31.3
	39	47.6	10.2	59.4	13.2	75.3	17.9	83.0	20.4	90.9	23.2	106	29.1	115	32.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (840)	10	42.3	5.69	52.8	6.88	66.9	8.64	73.8	9.55	80.8	10.5	94.5	12.5	108	14.5
	12	42.3	5.76	52.8	6.98	66.9	8.78	73.8	9.72	80.8	10.7	94.5	12.7	108	14.7
	14	42.3	5.84	52.8	7.09	66.9	8.93	73.8	9.89	80.8	10.9	94.5	12.9	108	15.0
	16	42.3	5.92	52.8	7.20	66.9	9.08	73.8	10.1	80.8	11.1	94.5	13.2	108	15.3
	18	42.3	6.01	52.8	7.31	66.9	9.24	73.8	10.2	80.8	11.3	94.5	13.4	108	15.6
	20	42.3	6.10	52.8	7.43	66.9	9.41	73.8	10.4	80.8	11.5	94.5	13.7	108	16.0
	21	42.3	6.14	52.8	7.50	66.9	9.49	73.8	10.5	80.8	11.6	94.5	13.8	108	16.5
	23	42.3	6.24	52.8	7.62	66.9	9.67	73.8	10.7	80.8	11.9	94.5	14.7	108	17.7
	25	42.3	6.33	52.8	7.76	66.9	10.1	73.8	11.4	80.8	12.7	94.5	15.7	108	18.9
	27	42.3	6.47	52.8	8.13	66.9	10.7	73.8	12.1	80.8	13.6	94.5	16.8	108	20.2
	29	42.3	6.85	52.8	8.63	66.9	11.4	73.8	12.9	80.8	14.5	94.5	17.9	108	21.6
	31	42.3	7.24	52.8	9.14	66.9	12.1	73.8	13.7	80.8	15.4	94.5	19.1	108	23.0
	33	42.3	7.65	52.8	9.68	66.9	12.8	73.8	14.5	80.8	16.4	94.5	20.3	108	24.6
	35	42.3	8.08	52.8	10.2	66.9	13.6	73.8	15.4	80.8	17.4	94.5	21.6	108	26.2
	37	42.3	8.53	52.8	10.8	66.9	14.4	73.8	16.4	80.8	18.5	94.5	23.0	108	27.9
	39	42.3	9.00	52.8	11.5	66.9	15.3	73.8	17.4	80.8	19.6	94.5	24.5	108	29.7
70% (735)	10	37.0	5.12	46.2	6.11	58.5	7.58	64.6	8.34	70.7	9.13	82.7	10.8	94.3	12.5
	12	37.0	5.18	46.2	6.20	58.5	7.69	64.6	8.48	70.7	9.29	82.7	11.0	94.3	12.7
	14	37.0	5.25	46.2	6.29	58.5	7.82	64.6	8.62	70.7	9.45	82.7	11.2	94.3	12.9
	16	37.0	5.32	46.2	6.38	58.5	7.94	64.6	8.76	70.7	9.61	82.7	11.4	94.3	13.2
	18	37.0	5.39	46.2	6.48	58.5	8.08	64.6	8.91	70.7	9.78	82.7	11.6	94.3	13.4
	20	37.0	5.46	46.2	6.58	58.5	8.22	64.6	9.07	70.7	9.96	82.7	11.8	94.3	13.7
	21	37.0	5.50	46.2	6.63	58.5	8.29	64.6	9.15	70.7	10.1	82.7	11.9	94.3	13.8
	23	37.0	5.58	46.2	6.73	58.5	8.43	64.6	9.32	70.7	10.2	82.7	12.3	94.3	14.7
	25	37.0	5.66	46.2	6.84	58.5	8.60	64.6	9.64	70.7	10.8	82.7	13.1	94.3	15.7
	27	37.0	5.75	46.2	7.06	58.5	9.13	64.6	10.3	70.7	11.5	82.7	14.0	94.3	16.8
	29	37.0	6.03	46.2	7.48	58.5	9.70	64.6	10.9	70.7	12.2	82.7	14.9	94.3	17.9
	31	37.0	6.37	46.2	7.92	58.5	10.3	64.6	11.6	70.7	12.9	82.7	15.9	94.3	19.0
	33	37.0	6.72	46.2	8.37	58.5	10.9	64.6	12.3	70.7	13.7	82.7	16.9	94.3	20.3
	35	37.0	7.09	46.2	8.85	58.5	11.6	64.6	13.0	70.7	14.6	82.7	18.0	94.3	21.6
	37	37.0	7.47	46.2	9.35	58.5	12.2	64.6	13.8	70.7	15.5	82.7	19.1	94.3	23.0
	39	37.0	7.87	46.2	9.87	58.5	13.0	64.6	14.6	70.7	16.4	82.7	20.3	94.3	24.4
60% (630)	10	31.8	4.58	39.6	5.39	50.2	6.57	55.4	7.19	60.6	7.83	70.9	9.16	80.8	10.5
	12	31.8	4.63	39.6	5.46	50.2	6.67	55.4	7.30	60.6	7.95	70.9	9.32	80.8	10.7
	14	31.8	4.69	39.6	5.53	50.2	6.77	55.4	7.41	60.6	8.08	70.9	9.48	80.8	10.9
	16	31.8	4.74	39.6	5.60	50.2	6.87	55.4	7.53	60.6	8.22	70.9	9.64	80.8	11.1
	18	31.8	4.80	39.6	5.68	50.2	6.98	55.4	7.65	60.6	8.36	70.9	9.81	80.8	11.3
	20	31.8	4.86	39.6	5.76	50.2	7.09	55.4	7.78	60.6	8.50	70.9	10.0	80.8	11.5
	21	31.8	4.89	39.6	5.80	50.2	7.15	55.4	7.85	60.6	8.58	70.9	10.1	80.8	11.6
	23	31.8	4.95	39.6	5.89	50.2	7.27	55.4	7.98	60.6	8.73	70.9	10.3	80.8	12.0
	25	31.8	5.02	39.6	5.98	50.2	7.39	55.4	8.13	60.6	8.94	70.9	10.8	80.8	12.8
	27	31.8	5.09	39.6	6.07	50.2	7.70	55.4	8.58	60.6	9.51	70.9	11.5	80.8	13.6
	29	31.8	5.27	39.6	6.42	50.2	8.16	55.4	9.10	60.6	10.1	70.9	12.2	80.8	14.5
	31	31.8	5.56	39.6	6.78	50.2	8.65	55.4	9.65	60.6	10.7	70.9	13.0	80.8	15.4
	33	31.8	5.86	39.6	7.16	50.2	9.15	55.4	10.2	60.6	11.4	70.9	13.8	80.8	16.4
	35	31.8	6.17	39.6	7.56	50.2	9.68	55.4	10.8	60.6	12.0	70.9	14.7	80.8	17.4
	37	31.8	6.49	39.6	7.97	50.2	10.2	55.4	11.5	60.6	12.8	70.9	15.6	80.8	18.5
	39	31.8	6.82	39.6	8.40	50.2	10.8	55.4	12.1	60.6	13.5	70.9	16.5	80.8	19.7
50% (525)	10	26.5	4.07	33.0	4.70	41.8	5.63	46.1	6.11	50.5	6.61	59.1	7.64	67.4	8.70
	12	26.5	4.11	33.0	4.76	41.8	5.70	46.1	6.19	50.5	6.70	59.1	7.76	67.4	8.84
	14	26.5	4.15	33.0	4.81	41.8	5.78	46.1	6.28	50.5	6.80	59.1	7.89	67.4	8.99
	16	26.5	4.20	33.0	4.87	41.8	5.86	46.1	6.37	50.5	6.91	59.1	8.02	67.4	9.15
	18	26.5	4.24	33.0	4.93	41.8	5.94	46.1	6.47	50.5	7.02	59.1	8.15	67.4	9.31
	20	26.5	4.29	33.0	5.00	41.8	6.03	46.1	6.57	50.5	7.13	59.1	8.29	67.4	9.48
	21	26.5	4.31	33.0	5.03	41.8	6.08	46.1	6.62	50.5	7.19	59.1	8.36	67.4	9.56
	23	26.5	4.36	33.0	5.10	41.8	6.17	46.1	6.73	50.5	7.31	59.1	8.51	67.4	9.74
	25	26.5	4.42	33.0	5.17	41.8	6.27	46.1	6.84	50.5	7.43	59.1	8.69	67.4	10.1
	27	26.5	4.47	33.0	5.24	41.8	6.39	46.1	7.05	50.5	7.75	59.1	9.23	67.4	10.8
	29	26.5	4.57	33.0	5.45	41.8	6.77	46.1	7.47	50.5	8.22	59.1	9.80	67.4	11.5
	31	26.5	4.81	33.0	5.75	41.8	7.15	46.1	7.91	50.5	8.70	59.1	10.4	67.4	12.2
	33	26.5	5.06	33.0	6.05	41.8	7.56	46.1	8.36	50.5	9.21	59.1	11.0	67.4	12.9
	35	26.5	5.31	33.0	6.38	41.8	7.98	46.1	8.84	50.5	9.75	59.1	11.7	67.4	13.7
	37	26.5	5.58	33.0	6.71	41.8	8.42	46.1	9.34	50.5	10.3	59.1	12.4	67.4	14.6
	39	26.5	5.86	33.0	7.06	41.8	8.88	46.1	9.86	50.5	10.9	59.1	13.1	67.4	15.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ44TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1430)	10	71.7	9.45	89.4	11.9	113	15.5	125	17.4	137	19.3	155	22.0	160	21.0
	12	71.7	9.61	89.4	12.1	113	15.8	125	17.7	137	19.7	153	21.9	158	20.9
	14	71.7	9.77	89.4	12.4	113	16.1	125	18.1	137	20.1	151	21.8	156	21.0
	16	71.7	9.94	89.4	12.6	113	16.4	125	18.4	137	20.5	149	21.9	154	22.2
	18	71.7	10.1	89.4	12.8	113	16.8	125	18.8	137	21.1	147	23.0	152	23.3
	20	71.7	10.3	89.4	13.1	113	17.2	125	19.8	137	22.6	145	24.2	150	24.4
	21	71.7	10.4	89.4	13.2	113	17.8	125	20.5	137	23.5	144	24.7	149	25.0
	23	71.7	10.6	89.4	13.7	113	19.1	125	22.0	137	25.2	142	25.9	147	26.1
	25	71.7	11.1	89.4	14.7	113	20.4	125	23.5	136	26.7	140	27.0	145	27.3
	27	71.7	11.8	89.4	15.6	113	21.8	125	25.2	134	27.8	138	28.1	143	28.4
	29	71.7	12.5	89.4	16.7	113	23.3	125	26.9	132	28.9	136	29.3	141	29.6
	31	71.7	13.3	89.4	17.8	113	24.8	125	28.7	130	30.1	134	30.4	139	30.8
	33	71.7	14.1	89.4	18.9	113	26.5	125	30.7	128	31.2	132	31.6	137	32.0
	35	71.7	15.0	89.4	20.1	113	28.2	124	32.1	126	32.3	130	32.7	135	33.1
	37	71.7	15.9	89.4	21.4	113	30.0	122	33.2	124	33.5	128	33.9	133	34.3
	39	71.7	16.9	89.4	22.7	113	32.0	120	34.4	122	34.6	126	35.1	131	35.5
120% (1320)	10	66.2	8.72	82.5	10.9	105	14.2	115	15.9	126	17.6	148	21.1	157	21.6
	12	66.2	8.86	82.5	11.1	105	14.5	115	16.2	126	17.9	148	21.5	155	21.5
	14	66.2	9.01	82.5	11.3	105	14.7	115	16.5	126	18.3	148	21.9	153	21.4
	16	66.2	9.16	82.5	11.5	105	15.0	115	16.8	126	18.6	147	22.2	151	22.0
	18	66.2	9.32	82.5	11.7	105	15.3	115	17.1	126	19.0	145	22.9	149	23.1
	20	66.2	9.48	82.5	12.0	105	15.6	115	17.6	126	20.1	143	24.0	147	24.3
	21	66.2	9.57	82.5	12.1	105	15.9	115	18.3	126	20.8	142	24.6	146	24.8
	23	66.2	9.74	82.5	12.4	105	17.0	115	19.6	126	22.3	140	25.7	144	26.0
	25	66.2	10.0	82.5	13.2	105	18.2	115	20.9	126	23.9	138	26.8	142	27.1
	27	66.2	10.7	82.5	14.1	105	19.4	115	22.4	126	25.6	136	28.0	140	28.3
	29	66.2	11.4	82.5	15.0	105	20.7	115	23.9	126	27.3	134	29.1	138	29.4
	31	66.2	12.1	82.5	15.9	105	22.1	115	25.5	126	29.2	132	30.2	136	30.6
	33	66.2	12.8	82.5	17.0	105	23.5	115	27.2	126	31.0	130	31.4	134	31.7
	35	66.2	13.6	82.5	18.0	105	25.1	115	29.0	124	32.1	128	32.5	132	32.9
	37	66.2	14.4	82.5	19.1	105	26.7	115	30.9	122	33.3	126	33.7	130	34.1
	39	66.2	15.2	82.5	20.3	105	28.4	115	32.9	120	34.4	124	34.8	128	35.2
110% (1210)	10	60.7	8.02	75.6	9.98	95.9	12.9	106	14.4	116	15.9	135	19.1	154	22.2
	12	60.7	8.14	75.6	10.2	95.9	13.1	106	14.6	116	16.2	135	19.5	152	22.1
	14	60.7	8.27	75.6	10.3	95.9	13.4	106	14.9	116	16.5	135	19.8	150	22.0
	16	60.7	8.40	75.6	10.5	95.9	13.6	106	15.2	116	16.9	135	20.2	148	21.9
	18	60.7	8.54	75.6	10.7	95.9	13.9	106	15.5	116	17.2	135	20.8	146	23.0
	20	60.7	8.69	75.6	10.9	95.9	14.1	106	15.8	116	17.7	135	22.3	144	24.1
	21	60.7	8.77	75.6	11.0	95.9	14.3	106	16.2	116	18.3	135	23.1	143	24.7
	23	60.7	8.92	75.6	11.2	95.9	15.1	106	17.3	116	19.7	135	24.8	141	25.8
	25	60.7	9.08	75.6	11.8	95.9	16.1	106	18.5	116	21.0	135	26.5	139	26.9
	27	60.7	9.65	75.6	12.6	95.9	17.2	106	19.7	116	22.5	134	27.8	137	28.1
	29	60.7	10.2	75.6	13.4	95.9	18.3	106	21.1	116	24.0	132	28.9	135	29.2
	31	60.7	10.9	75.6	14.2	95.9	19.5	106	22.5	116	25.6	130	30.0	133	30.3
	33	60.7	11.5	75.6	15.1	95.9	20.8	106	23.9	116	27.3	128	31.2	131	31.5
	35	60.7	12.2	75.6	16.1	95.9	22.1	106	25.5	116	29.1	126	32.3	129	32.6
	37	60.7	12.9	75.6	17.1	95.9	23.6	106	27.2	116	31.0	124	33.4	127	33.8
	39	60.7	13.7	75.6	18.1	95.9	25.1	106	28.9	116	33.0	122	34.6	125	35.0
100% (1100)	10	55.2	7.33	68.8	9.06	87.1	11.6	97.0	12.9	105	14.3	123	17.1	140	19.9
	12	55.2	7.44	68.8	9.21	87.1	11.8	97.0	13.2	105	14.6	123	17.4	140	20.3
	14	55.2	7.56	68.8	9.36	87.1	12.0	97.0	13.4	105	14.8	123	17.8	140	20.7
	16	55.2	7.67	68.8	9.52	87.1	12.2	97.0	13.7	105	15.1	123	18.1	140	21.1
	18	55.2	7.80	68.8	9.69	87.1	12.5	97.0	13.9	105	15.4	123	18.5	140	21.9
	20	55.2	7.93	68.8	9.86	87.1	12.7	97.0	14.2	105	15.7	123	19.4	140	23.5
	21	55.2	7.99	68.8	9.95	87.1	12.8	97.0	14.3	105	16.0	123	20.1	140	24.4
	23	55.2	8.13	68.8	10.1	87.1	13.3	97.0	15.2	105	17.2	123	21.5	139	25.6
	25	55.2	8.27	68.8	10.5	87.1	14.2	97.0	16.2	105	18.4	123	23.0	137	26.7
	27	55.2	8.68	68.8	11.2	87.1	15.1	97.0	17.3	105	19.6	123	24.6	135	27.9
	29	55.2	9.20	68.8	11.9	87.1	16.1	97.0	18.4	105	20.9	123	26.3	133	29.0
	31	55.2	9.75	68.8	12.6	87.1	17.2	97.0	19.6	105	22.3	123	28.1	131	30.1
	33	55.2	10.3	68.8	13.4	87.1	18.2	97.0	20.9	105	23.8	123	30.0	129	31.2
	35	55.2	10.9	68.8	14.2	87.1	19.4	97.0	22.2	105	25.3	123	31.9	127	32.4
	37	55.2	11.6	68.8	15.1	87.1	20.6	96.2	23.7	105	26.9	121	33.2	125	33.5
	39	55.2	12.2	68.8	16.0	87.1	21.9	96.2	25.2	105	28.7	119	34.3	123	34.7
90% (990)	10	49.6	6.68	61.9	8.17	78.4	10.4	86.6	11.5	94.7	12.7	111	15.2	126	17.6
	12	49.6	6.77	61.9	8.30	78.4	10.5	86.6	11.7	94.7	12.9	111	15.4	126	18.0
	14	49.6	6.87	61.9	8.43	78.4	10.7	86.6	11.9	94.7	13.2	111	15.7	126	18.3
	16	49.6	6.97	61.9	8.57	78.4	10.9	86.6	12.1	94.7	13.4	111	16.0	126	18.7
	18	49.6	7.08	61.9	8.71	78.4	11.1	86.6	12.4	94.7	13.7	111	16.4	126	19.0
	20	49.6	7.19	61.9	8.86	78.4	11.3	86.6	12.6	94.7	13.9	111	16.7	126	20.1
	21	49.6	7.25	61.9	8.94	78.4	11.4	86.6	12.7	94.7	14.1	111	17.2	126	20.9
	23	49.6	7.36	61.9	9.10	78.4	11.7	86.6	13.2	94.7	14.8	111	18.5	126	22.3
	25	49.6	7.49	61.9	9.29	78.4	12.4	86.6	14.1	94.7	15.9	111	19.8	126	23.9
	27	49.6	7.75	61.9	9.88	78.4	13.2	86.6	15.0	94.7	16.9	111	21.1	126	25.6
	29	49.6	8.21	61.9	10.5	78.4	14.0	86.6	16.0	94.7	18.0	111	22.5	126	27.3
	31	49.6	8.70	61.9	11.1	78.4	14.9	86.6	17.0	94.7	19.2	111	24.0	126	29.2
	33	49.6	9.20	61.9	11.8	78.4	15.9	86.6	18.1	94.7	20.5	111	25.6	126	31.0
	35	49.6	9.73	61.9	12.5	78.4	16.8	86.6	19.2	94.7	21.8	111	27.3	124	32.1
	37	49.6	10.3	61.9	13.2	78.4	17.9	86.6	20.4	94.7	23.2	111	29.1	122	33.3
	39	49.6	10.9	61.9	14.0	78.4	19.0	86.6	21.7	94.7	24.6	111	31.0	120	34.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (880)	10	44.1	6.05	55.0	7.32	69.7	9.19	76.9	10.2	84.2	11.2	98.5	13.3	112	15.4
	12	44.1	6.13	55.0	7.43	69.7	9.34	76.9	10.3	84.2	11.4	98.5	13.5	112	15.7
	14	44.1	6.21	55.0	7.54	69.7	9.49	76.9	10.5	84.2	11.6	98.5	13.8	112	16.0
	16	44.1	6.30	55.0	7.66	69.7	9.66	76.9	10.7	84.2	11.8	98.5	14.0	112	16.3
	18	44.1	6.39	55.0	7.78	69.7	9.83	76.9	10.9	84.2	12.0	98.5	14.3	112	16.6
	20	44.1	6.48	55.0	7.91	69.7	10.0	76.9	11.1	84.2	12.2	98.5	14.6	112	17.0
	21	44.1	6.53	55.0	7.97	69.7	10.1	76.9	11.2	84.2	12.4	98.5	14.7	112	17.6
	23	44.1	6.63	55.0	8.11	69.7	10.3	76.9	11.4	84.2	12.7	98.5	15.7	112	18.8
	25	44.1	6.74	55.0	8.25	69.7	10.7	76.9	12.1	84.2	13.6	98.5	16.7	112	20.1
	27	44.1	6.88	55.0	8.65	69.7	11.4	76.9	12.9	84.2	14.4	98.5	17.9	112	21.5
	29	44.1	7.29	55.0	9.18	69.7	12.1	76.9	13.7	84.2	15.4	98.5	19.1	112	23.0
	31	44.1	7.70	55.0	9.72	69.7	12.9	76.9	14.6	84.2	16.4	98.5	20.3	112	24.5
	33	44.1	8.14	55.0	10.3	69.7	13.6	76.9	15.5	84.2	17.4	98.5	21.6	112	26.1
	35	44.1	8.60	55.0	10.9	69.7	14.5	76.9	16.4	84.2	18.5	98.5	23.0	112	27.8
	37	44.1	9.07	55.0	11.5	69.7	15.4	76.9	17.4	84.2	19.7	98.5	24.5	112	29.7
	39	44.1	9.57	55.0	12.2	69.7	16.3	76.9	18.5	84.2	20.9	98.5	26.1	112	31.6
70% (770)	10	38.6	5.45	48.1	6.50	61.0	8.06	67.3	8.87	73.7	9.71	86.2	11.5	98.3	13.2
	12	38.6	5.51	48.1	6.59	61.0	8.18	67.3	9.01	73.7	9.88	86.2	11.7	98.3	13.5
	14	38.6	5.58	48.1	6.69	61.0	8.31	67.3	9.16	73.7	10.0	86.2	11.9	98.3	13.7
	16	38.6	5.65	48.1	6.79	61.0	8.45	67.3	9.32	73.7	10.2	86.2	12.1	98.3	14.0
	18	38.6	5.73	48.1	6.89	61.0	8.59	67.3	9.48	73.7	10.4	86.2	12.3	98.3	14.3
	20	38.6	5.81	48.1	6.99	61.0	8.74	67.3	9.65	73.7	10.6	86.2	12.6	98.3	14.5
	21	38.6	5.85	48.1	7.05	61.0	8.81	67.3	9.74	73.7	10.7	86.2	12.7	98.3	14.7
	23	38.6	5.93	48.1	7.16	61.0	8.97	67.3	9.92	73.7	10.9	86.2	13.1	98.3	15.6
	25	38.6	6.02	48.1	7.28	61.0	9.14	67.3	10.3	73.7	11.4	86.2	14.0	98.3	16.7
	27	38.6	6.11	48.1	7.51	61.0	9.72	67.3	10.9	73.7	12.2	86.2	14.9	98.3	17.8
	29	38.6	6.42	48.1	7.96	61.0	10.3	67.3	11.6	73.7	13.0	86.2	15.9	98.3	19.0
	31	38.6	6.78	48.1	8.42	61.0	10.9	67.3	12.3	73.7	13.8	86.2	16.9	98.3	20.2
	33	38.6	7.15	48.1	8.90	61.0	11.6	67.3	13.1	73.7	14.6	86.2	18.0	98.3	21.6
	35	38.6	7.54	48.1	9.41	61.0	12.3	67.3	13.9	73.7	15.5	86.2	19.1	98.3	22.9
	37	38.6	7.95	48.1	9.94	61.0	13.0	67.3	14.7	73.7	16.5	86.2	20.3	98.3	24.4
	39	38.6	8.37	48.1	10.5	61.0	13.8	67.3	15.6	73.7	17.5	86.2	21.6	98.3	26.0
60% (660)	10	33.1	4.87	41.3	5.73	52.3	6.99	57.7	7.65	63.1	8.33	73.9	9.74	84.3	11.2
	12	33.1	4.93	41.3	5.80	52.3	7.09	57.7	7.76	63.1	8.46	73.9	9.91	84.3	11.4
	14	33.1	4.98	41.3	5.88	52.3	7.20	57.7	7.88	63.1	8.60	73.9	10.1	84.3	11.6
	16	33.1	5.04	41.3	5.96	52.3	7.31	57.7	8.01	63.1	8.74	73.9	10.3	84.3	11.8
	18	33.1	5.10	41.3	6.04	52.3	7.42	57.7	8.14	63.1	8.89	73.9	10.4	84.3	12.0
	20	33.1	5.17	41.3	6.13	52.3	7.54	57.7	8.28	63.1	9.04	73.9	10.6	84.3	12.2
	21	33.1	5.20	41.3	6.17	52.3	7.60	57.7	8.35	63.1	9.12	73.9	10.7	84.3	12.4
	23	33.1	5.27	41.3	6.26	52.3	7.73	57.7	8.49	63.1	9.29	73.9	10.9	84.3	12.7
	25	33.1	5.34	41.3	6.36	52.3	7.86	57.7	8.64	63.1	9.51	73.9	11.5	84.3	13.6
	27	33.1	5.41	41.3	6.46	52.3	8.19	57.7	9.12	63.1	10.1	73.9	12.2	84.3	14.5
	29	33.1	5.61	41.3	6.83	52.3	8.68	57.7	9.68	63.1	10.7	73.9	13.0	84.3	15.4
	31	33.1	5.91	41.3	7.21	52.3	9.20	57.7	10.3	63.1	11.4	73.9	13.8	84.3	16.4
	33	33.1	6.23	41.3	7.62	52.3	9.73	57.7	10.9	63.1	12.1	73.9	14.7	84.3	17.4
	35	33.1	6.56	41.3	8.04	52.3	10.3	57.7	11.5	63.1	12.8	73.9	15.6	84.3	18.5
	37	33.1	6.90	41.3	8.48	52.3	10.9	57.7	12.2	63.1	13.6	73.9	16.5	84.3	19.7
	39	33.1	7.26	41.3	8.94	52.3	11.5	57.7	12.9	63.1	14.4	73.9	17.5	84.3	20.9
50% (550)	10	27.6	4.33	34.4	5.00	43.6	5.99	48.1	6.50	52.6	7.03	61.6	8.13	70.2	9.25
	12	27.6	4.37	34.4	5.06	43.6	6.07	48.1	6.59	52.6	7.13	61.6	8.26	70.2	9.40
	14	27.6	4.42	34.4	5.12	43.6	6.15	48.1	6.68	52.6	7.24	61.6	8.39	70.2	9.56
	16	27.6	4.46	34.4	5.18	43.6	6.23	48.1	6.78	52.6	7.35	61.6	8.53	70.2	9.73
	18	27.6	4.51	34.4	5.25	43.6	6.32	48.1	6.88	52.6	7.46	61.6	8.67	70.2	9.90
	20	27.6	4.56	34.4	5.31	43.6	6.41	48.1	6.99	52.6	7.58	61.6	8.82	70.2	10.1
	21	27.6	4.59	34.4	5.35	43.6	6.46	48.1	7.04	52.6	7.64	61.6	8.90	70.2	10.2
	23	27.6	4.64	34.4	5.42	43.6	6.56	48.1	7.15	52.6	7.77	61.6	9.05	70.2	10.4
	25	27.6	4.70	34.4	5.49	43.6	6.66	48.1	7.27	52.6	7.91	61.6	9.24	70.2	10.8
	27	27.6	4.75	34.4	5.57	43.6	6.80	48.1	7.50	52.6	8.24	61.6	9.82	70.2	11.5
	29	27.6	4.86	34.4	5.79	43.6	7.20	48.1	7.95	52.6	8.74	61.6	10.4	70.2	12.2
	31	27.6	5.12	34.4	6.11	43.6	7.61	48.1	8.41	52.6	9.26	61.6	11.1	70.2	13.0
	33	27.6	5.38	34.4	6.44	43.6	8.04	48.1	8.89	52.6	9.80	61.6	11.7	70.2	13.8
	35	27.6	5.65	34.4	6.78	43.6	8.49	48.1	9.40	52.6	10.4	61.6	12.4	70.2	14.6
	37	27.6	5.94	34.4	7.14	43.6	8.96	48.1	9.93	52.6	11.0	61.6	13.2	70.2	15.5
	39	27.6	6.23	34.4	7.51	43.6	9.45	48.1	10.5	52.6	11.6	61.6	13.9	70.2	16.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ46TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1495)	10	75.5	9.99	94.1	12.6	119	16.4	132	18.4	144	20.4	164	23.2	168	22.2
	12	75.5	10.2	94.1	12.8	119	16.7	132	18.8	144	20.8	162	23.1	166	22.1
	14	75.5	10.3	94.1	13.1	119	17.1	132	19.1	144	21.2	159	23.0	164	22.2
	16	75.5	10.5	94.1	13.3	119	17.4	132	19.5	144	21.6	157	23.2	162	23.4
	18	75.5	10.7	94.1	13.6	119	17.7	132	19.9	144	22.3	155	24.4	160	24.6
	20	75.5	10.9	94.1	13.8	119	18.2	132	20.9	144	23.9	153	25.6	157	25.8
	21	75.5	11.0	94.1	14.0	119	18.8	132	21.7	144	24.8	152	26.1	156	26.4
	23	75.5	11.2	94.1	14.5	119	20.2	132	23.3	144	26.6	150	27.3	154	27.6
	25	75.5	11.7	94.1	15.5	119	21.6	132	24.9	143	28.2	148	28.5	152	28.9
	27	75.5	12.5	94.1	16.5	119	23.0	132	26.6	141	29.4	146	29.7	150	30.1
	29	75.5	13.2	94.1	17.6	119	24.6	132	28.4	139	30.6	144	31.0	148	31.3
	31	75.5	14.1	94.1	18.8	119	26.2	132	30.4	137	31.8	141	32.2	146	32.5
	33	75.5	14.9	94.1	20.0	119	28.0	132	32.4	135	33.0	139	33.4	144	33.8
	35	75.5	15.9	94.1	21.2	119	29.8	130	34.0	133	34.2	137	34.6	142	35.0
	37	75.5	16.8	94.1	22.6	119	31.8	128	35.2	131	35.4	135	35.8	140	36.3
	39	75.5	17.8	94.1	24.0	119	33.8	126	36.4	128	36.6	133	37.1	137	37.5
120% (1380)	10	69.7	9.22	86.9	11.6	110	15.0	121	16.8	133	18.6	156	22.3	165	22.9
	12	69.7	9.37	86.9	11.8	110	15.3	121	17.1	133	19.0	156	22.8	163	22.7
	14	69.7	9.52	86.9	12.0	110	15.6	121	17.4	133	19.3	156	23.2	161	22.6
	16	69.7	9.68	86.9	12.2	110	15.9	121	17.8	133	19.7	155	23.5	159	23.3
	18	69.7	9.85	86.9	12.4	110	16.2	121	18.1	133	20.1	153	24.2	157	24.5
	20	69.7	10.0	86.9	12.7	110	16.5	121	18.7	133	21.3	151	25.4	155	25.7
	21	69.7	10.1	86.9	12.8	110	16.8	121	19.3	133	22.0	150	26.0	154	26.3
	23	69.7	10.3	86.9	13.1	110	18.0	121	20.7	133	23.6	147	27.2	152	27.5
	25	69.7	10.6	86.9	14.0	110	19.2	121	22.1	133	25.3	145	28.4	149	28.7
	27	69.7	11.3	86.9	14.9	110	20.5	121	23.7	133	27.0	143	29.6	147	29.9
	29	69.7	12.0	86.9	15.8	110	21.9	121	25.3	133	28.9	141	30.8	145	31.1
	31	69.7	12.7	86.9	16.9	110	23.4	121	27.0	133	30.8	139	32.0	143	32.3
	33	69.7	13.5	86.9	17.9	110	24.9	121	28.8	133	32.8	137	33.2	141	33.5
	35	69.7	14.3	86.9	19.1	110	26.5	121	30.6	131	34.0	135	34.4	139	34.8
	37	69.7	15.2	86.9	20.2	110	28.2	121	32.6	128	35.2	133	35.6	137	36.0
	39	69.7	16.1	86.9	21.5	110	30.0	121	34.8	126	36.4	131	36.8	135	37.3
110% (1265)	10	63.9	8.47	79.6	10.6	101	13.6	111	15.2	122	16.8	143	20.2	163	23.5
	12	63.9	8.61	79.6	10.7	101	13.9	111	15.5	122	17.2	143	20.6	160	23.4
	14	63.9	8.74	79.6	10.9	101	14.1	111	15.8	122	17.5	143	21.0	158	23.3
	16	63.9	8.89	79.6	11.1	101	14.4	111	16.1	122	17.8	143	21.4	156	23.1
	18	63.9	9.03	79.6	11.3	101	14.7	111	16.4	122	18.2	143	21.9	154	24.3
	20	63.9	9.19	79.6	11.5	101	14.9	111	16.7	122	18.7	143	23.6	152	25.5
	21	63.9	9.27	79.6	11.6	101	15.1	111	17.1	122	19.4	143	24.4	151	26.1
	23	63.9	9.43	79.6	11.9	101	16.0	111	18.3	122	20.8	143	26.2	149	27.3
	25	63.9	9.60	79.6	12.5	101	17.0	111	19.5	122	22.2	143	28.1	147	28.5
	27	63.9	10.2	79.6	13.3	101	18.2	111	20.9	122	23.8	141	29.4	145	29.7
	29	63.9	10.8	79.6	14.2	101	19.4	111	22.3	122	25.4	139	30.6	142	30.9
	31	63.9	11.5	79.6	15.1	101	20.7	111	23.8	122	27.1	137	31.8	140	32.1
	33	63.9	12.2	79.6	16.0	101	22.0	111	25.3	122	28.9	134	33.0	138	33.3
	35	63.9	12.9	79.6	17.0	101	23.4	111	27.0	122	30.8	132	34.2	136	34.5
	37	63.9	13.7	79.6	18.0	101	24.9	111	28.7	122	32.8	130	35.4	134	35.7
	39	63.9	14.5	79.6	19.1	101	26.5	111	30.6	122	34.9	128	36.6	132	37.0
100% (1150)	10	58.1	7.75	72.4	9.58	91.7	12.3	101	13.7	111	15.1	130	18.1	148	21.1
	12	58.1	7.87	72.4	9.73	91.7	12.5	101	13.9	111	15.4	130	18.4	148	21.5
	14	58.1	7.99	72.4	9.90	91.7	12.7	101	14.2	111	15.7	130	18.8	148	21.9
	16	58.1	8.11	72.4	10.1	91.7	12.9	101	14.4	111	16.0	130	19.1	148	22.3
	18	58.1	8.24	72.4	10.2	91.7	13.2	101	14.7	111	16.3	130	19.5	148	23.2
	20	58.1	8.38	72.4	10.4	91.7	13.4	101	15.0	111	16.6	130	20.5	148	24.9
	21	58.1	8.45	72.4	10.5	91.7	13.6	101	15.1	111	17.0	130	21.2	148	25.8
	23	58.1	8.59	72.4	10.7	91.7	14.1	101	16.0	111	18.1	130	22.7	146	27.1
	25	58.1	8.74	72.4	11.1	91.7	15.0	101	17.1	111	19.4	130	24.3	144	28.3
	27	58.1	9.17	72.4	11.8	91.7	16.0	101	18.3	111	20.7	130	26.0	142	29.4
	29	58.1	9.73	72.4	12.6	91.7	17.0	101	19.5	111	22.1	130	27.8	140	30.6
	31	58.1	10.3	72.4	13.4	91.7	18.1	101	20.8	111	23.6	130	29.7	138	31.8
	33	58.1	10.9	72.4	14.2	91.7	19.3	101	22.1	111	25.1	130	31.7	135	33.0
	35	58.1	11.6	72.4	15.0	91.7	20.5	101	23.5	111	26.8	130	33.8	133	34.2
	37	58.1	12.2	72.4	16.0	91.7	21.8	101	25.0	111	28.5	128	35.1	131	35.5
	39	58.1	12.9	72.4	16.9	91.7	23.2	101	26.6	111	30.3	126	36.3	129	36.7
90% (1035)	10	52.2	7.06	65.1	8.64	82.6	11.0	91.1	12.2	99.7	13.4	117	16.0	133	18.6
	12	52.2	7.16	65.1	8.77	82.6	11.2	91.1	12.4	99.7	13.7	117	16.3	133	19.0
	14	52.2	7.26	65.1	8.91	82.6	11.3	91.1	12.6	99.7	13.9	117	16.6	133	19.4
	16	52.2	7.37	65.1	9.06	82.6	11.5	91.1	12.8	99.7	14.2	117	17.0	133	19.7
	18	52.2	7.48	65.1	9.21	82.6	11.8	91.1	13.1	99.7	14.5	117	17.3	133	20.1
	20	52.2	7.60	65.1	9.37	82.6	12.0	91.1	13.3	99.7	14.7	117	17.6	133	21.3
	21	52.2	7.66	65.1	9.45	82.6	12.1	91.1	13.5	99.7	14.9	117	18.2	133	22.0
	23	52.2	7.79	65.1	9.62	82.6	12.3	91.1	13.9	99.7	15.7	117	19.5	133	23.6
	25	52.2	7.92	65.1	9.83	82.6	13.1	91.1	14.9	99.7	16.8	117	20.9	133	25.3
	27	52.2	8.20	65.1	10.4	82.6	13.9	91.1	15.8	99.7	17.9	117	22.3	133	27.1
	29	52.2	8.68	65.1	11.1	82.6	14.8	91.1	16.9	99.7	19.1	117	23.8	133	28.9
	31	52.2	9.19	65.1	11.8	82.6	15.8	91.1	18.0	99.7	20.3	117	25.4	133	30.9
	33	52.2	9.73	65.1	12.5	82.6	16.8	91.1	19.1	99.7	21.6	117	27.1	133	32.8
	35	52.2	10.3	65.1	13.2	82.6	17.8	91.1	20.3	99.7	23.0	117	28.9	131	34.0
	37	52.2	10.9	65.1	14.0	82.6	18.9	91.1	21.6	99.7	24.5	117	30.7	128	35.2
	39	52.2	11.5	65.1	14.8	82.6	20.1	91.1	22.9	99.7	26.0	117	32.7	126	36.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (920)	10	46.4	6.39	57.9	7.74	73.4	9.71	81.0	10.7	88.6	11.8	104	14.0	118	16.3
	12	46.4	6.48	57.9	7.85	73.4	9.87	81.0	10.9	88.6	12.0	104	14.3	118	16.6
	14	46.4	6.57	57.9	7.97	73.4	10.0	81.0	11.1	88.6	12.2	104	14.6	118	16.9
	16	46.4	6.66	57.9	8.09	73.4	10.2	81.0	11.3	88.6	12.5	104	14.8	118	17.2
	18	46.4	6.75	57.9	8.22	73.4	10.4	81.0	11.5	88.6	12.7	104	15.1	118	17.6
	20	46.4	6.85	57.9	8.36	73.4	10.6	81.0	11.7	88.6	12.9	104	15.4	118	18.0
	21	46.4	6.91	57.9	8.43	73.4	10.7	81.0	11.8	88.6	13.1	104	15.6	118	18.6
	23	46.4	7.01	57.9	8.57	73.4	10.9	81.0	12.1	88.6	13.4	104	16.6	118	19.9
	25	46.4	7.12	57.9	8.72	73.4	11.3	81.0	12.8	88.6	14.3	104	17.7	118	21.3
	27	46.4	7.28	57.9	9.15	73.4	12.0	81.0	13.6	88.6	15.3	104	18.9	118	22.8
	29	46.4	7.70	57.9	9.70	73.4	12.8	81.0	14.5	88.6	16.3	104	20.1	118	24.3
	31	46.4	8.15	57.9	10.3	73.4	13.6	81.0	15.4	88.6	17.3	104	21.5	118	25.9
	33	46.4	8.61	57.9	10.9	73.4	14.4	81.0	16.4	88.6	18.4	104	22.9	118	27.6
	35	46.4	9.09	57.9	11.5	73.4	15.3	81.0	17.4	88.6	19.6	104	24.3	118	29.4
	37	46.4	9.59	57.9	12.2	73.4	16.2	81.0	18.4	88.6	20.8	104	25.9	118	31.4
	39	46.4	10.1	57.9	12.9	73.4	17.2	81.0	19.6	88.6	22.1	104	27.5	118	33.4
70% (805)	10	40.6	5.76	50.7	6.88	64.2	8.52	70.9	9.38	77.5	10.3	90.7	12.1	103	14.0
	12	40.6	5.83	50.7	6.97	64.2	8.65	70.9	9.53	77.5	10.4	90.7	12.3	103	14.3
	14	40.6	5.90	50.7	7.07	64.2	8.79	70.9	9.69	77.5	10.6	90.7	12.6	103	14.5
	16	40.6	5.98	50.7	7.17	64.2	8.93	70.9	9.85	77.5	10.8	90.7	12.8	103	14.8
	18	40.6	6.06	50.7	7.28	64.2	9.08	70.9	10.0	77.5	11.0	90.7	13.0	103	15.1
	20	40.6	6.14	50.7	7.39	64.2	9.24	70.9	10.2	77.5	11.2	90.7	13.3	103	15.4
	21	40.6	6.18	50.7	7.45	64.2	9.32	70.9	10.3	77.5	11.3	90.7	13.4	103	15.5
	23	40.6	6.27	50.7	7.57	64.2	9.48	70.9	10.5	77.5	11.5	90.7	13.9	103	16.5
	25	40.6	6.36	50.7	7.70	64.2	9.67	70.9	10.8	77.5	12.1	90.7	14.8	103	17.6
	27	40.6	6.46	50.7	7.94	64.2	10.3	70.9	11.5	77.5	12.9	90.7	15.8	103	18.8
	29	40.6	6.79	50.7	8.41	64.2	10.9	70.9	12.3	77.5	13.7	90.7	16.8	103	20.1
	31	40.6	7.16	50.7	8.90	64.2	11.6	70.9	13.0	77.5	14.6	90.7	17.9	103	21.4
	33	40.6	7.56	50.7	9.41	64.2	12.3	70.9	13.8	77.5	15.5	90.7	19.0	103	22.8
	35	40.6	7.97	50.7	9.95	64.2	13.0	70.9	14.7	77.5	16.4	90.7	20.2	103	24.3
	37	40.6	8.40	50.7	10.5	64.2	13.8	70.9	15.5	77.5	17.4	90.7	21.5	103	25.8
	39	40.6	8.85	50.7	11.1	64.2	14.6	70.9	16.5	77.5	18.5	90.7	22.8	103	27.5
60% (690)	10	34.8	5.15	43.4	6.06	55.0	7.39	60.7	8.08	66.5	8.81	77.8	10.3	88.7	11.8
	12	34.8	5.21	43.4	6.14	55.0	7.50	60.7	8.21	66.5	8.94	77.8	10.5	88.7	12.0
	14	34.8	5.27	43.4	6.22	55.0	7.61	60.7	8.33	66.5	9.09	77.8	10.7	88.7	12.2
	16	34.8	5.33	43.4	6.30	55.0	7.72	60.7	8.47	66.5	9.24	77.8	10.8	88.7	12.5
	18	34.8	5.40	43.4	6.39	55.0	7.85	60.7	8.61	66.5	9.40	77.8	11.0	88.7	12.7
	20	34.8	5.46	43.4	6.48	55.0	7.97	60.7	8.75	66.5	9.56	77.8	11.2	88.7	12.9
	21	34.8	5.50	43.4	6.53	55.0	8.04	60.7	8.82	66.5	9.64	77.8	11.3	88.7	13.1
	23	34.8	5.57	43.4	6.62	55.0	8.17	60.7	8.98	66.5	9.82	77.8	11.6	88.7	13.4
	25	34.8	5.64	43.4	6.72	55.0	8.31	60.7	9.14	66.5	10.1	77.8	12.1	88.7	14.3
	27	34.8	5.72	43.4	6.83	55.0	8.66	60.7	9.64	66.5	10.7	77.8	12.9	88.7	15.3
	29	34.8	5.93	43.4	7.22	55.0	9.18	60.7	10.2	66.5	11.4	77.8	13.7	88.7	16.3
	31	34.8	6.25	43.4	7.63	55.0	9.72	60.7	10.9	66.5	12.0	77.8	14.6	88.7	17.3
	33	34.8	6.59	43.4	8.05	55.0	10.3	60.7	11.5	66.5	12.8	77.8	15.5	88.7	18.4
	35	34.8	6.93	43.4	8.50	55.0	10.9	60.7	12.2	66.5	13.5	77.8	16.5	88.7	19.6
	37	34.8	7.30	43.4	8.96	55.0	11.5	60.7	12.9	66.5	14.3	77.8	17.5	88.7	20.8
	39	34.8	7.67	43.4	9.45	55.0	12.2	60.7	13.6	66.5	15.2	77.8	18.5	88.7	22.1
50% (575)	10	29.0	4.58	36.2	5.29	45.9	6.33	50.6	6.87	55.4	7.43	64.8	8.60	73.9	9.78
	12	29.0	4.62	36.2	5.35	45.9	6.41	50.6	6.97	55.4	7.54	64.8	8.73	73.9	9.94
	14	29.0	4.67	36.2	5.41	45.9	6.50	50.6	7.06	55.4	7.65	64.8	8.87	73.9	10.1
	16	29.0	4.72	36.2	5.48	45.9	6.59	50.6	7.17	55.4	7.77	64.8	9.01	73.9	10.3
	18	29.0	4.77	36.2	5.55	45.9	6.68	50.6	7.28	55.4	7.89	64.8	9.17	73.9	10.5
	20	29.0	4.82	36.2	5.62	45.9	6.78	50.6	7.39	55.4	8.02	64.8	9.32	73.9	10.7
	21	29.0	4.85	36.2	5.66	45.9	6.83	50.6	7.45	55.4	8.08	64.8	9.40	73.9	10.8
	23	29.0	4.91	36.2	5.73	45.9	6.94	50.6	7.56	55.4	8.22	64.8	9.57	73.9	11.0
	25	29.0	4.97	36.2	5.81	45.9	7.05	50.6	7.69	55.4	8.36	64.8	9.77	73.9	11.4
	27	29.0	5.03	36.2	5.89	45.9	7.19	50.6	7.93	55.4	8.72	64.8	10.4	73.9	12.1
	29	29.0	5.14	36.2	6.13	45.9	7.61	50.6	8.40	55.4	9.24	64.8	11.0	73.9	12.9
	31	29.0	5.41	36.2	6.46	45.9	8.04	50.6	8.89	55.4	9.79	64.8	11.7	73.9	13.7
	33	29.0	5.69	36.2	6.81	45.9	8.50	50.6	9.40	55.4	10.4	64.8	12.4	73.9	14.6
	35	29.0	5.98	36.2	7.17	45.9	8.97	50.6	9.94	55.4	11.0	64.8	13.1	73.9	15.4
	37	29.0	6.28	36.2	7.55	45.9	9.47	50.6	10.5	55.4	11.6	64.8	13.9	73.9	16.4
	39	29.0	6.59	36.2	7.94	45.9	9.99	50.6	11.1	55.4	12.3	64.8	14.7	73.9	17.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ48TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1560)	10	78.4	10.6	97.7	13.3	124	17.4	137	19.4	150	21.6	170	24.6	175	23.5
	12	78.4	10.7	97.7	13.6	124	17.7	137	19.8	150	22.0	168	24.4	172	23.3
	14	78.4	10.9	97.7	13.8	124	18.0	137	20.2	150	22.4	166	24.3	170	23.5
	16	78.4	11.1	97.7	14.1	124	18.4	137	20.6	150	22.8	163	24.5	168	24.7
	18	78.4	11.3	97.7	14.3	124	18.7	137	21.0	150	23.5	161	25.7	166	26.0
	20	78.4	11.5	97.7	14.6	124	19.2	137	22.1	150	25.3	159	27.0	164	27.3
	21	78.4	11.6	97.7	14.7	124	19.9	137	22.9	150	26.2	158	27.6	162	27.9
	23	78.4	11.8	97.7	15.4	124	21.3	137	24.6	150	28.1	156	28.9	160	29.2
	25	78.4	12.4	97.7	16.4	124	22.8	137	26.3	149	29.8	153	30.2	158	30.5
	27	78.4	13.2	97.7	17.5	124	24.3	137	28.1	147	31.1	151	31.4	156	31.8
	29	78.4	14.0	97.7	18.6	124	26.0	137	30.1	144	32.3	149	32.7	154	33.1
	31	78.4	14.9	97.7	19.8	124	27.7	137	32.1	142	33.6	147	34.0	151	34.4
	33	78.4	15.8	97.7	21.1	124	29.6	137	34.2	140	34.8	145	35.3	149	35.7
	35	78.4	16.8	97.7	22.4	124	31.5	135	35.9	138	36.1	142	36.6	147	37.0
	37	78.4	17.8	97.7	23.9	124	33.6	133	37.1	136	37.4	140	37.9	145	38.3
	39	78.4	18.8	97.7	25.4	124	35.7	131	38.4	133	38.7	138	39.2	143	39.7
120% (1440)	10	72.3	9.74	90.2	12.2	114	15.9	126	17.7	138	19.7	162	23.6	172	24.2
	12	72.3	9.90	90.2	12.4	114	16.1	126	18.1	138	20.0	162	24.0	169	24.0
	14	72.3	10.1	90.2	12.7	114	16.4	126	18.4	138	20.4	162	24.5	167	23.9
	16	72.3	10.2	90.2	12.9	114	16.8	126	18.8	138	20.8	161	24.8	165	24.6
	18	72.3	10.4	90.2	13.1	114	17.1	126	19.1	138	21.2	159	25.6	163	25.8
	20	72.3	10.6	90.2	13.4	114	17.4	126	19.7	138	22.5	156	26.8	161	27.1
	21	72.3	10.7	90.2	13.5	114	17.8	126	20.4	138	23.3	155	27.5	160	27.7
	23	72.3	10.9	90.2	13.8	114	19.0	126	21.9	138	24.9	153	28.7	157	29.0
	25	72.3	11.2	90.2	14.8	114	20.3	126	23.4	138	26.7	151	30.0	155	30.3
	27	72.3	11.9	90.2	15.7	114	21.7	126	25.0	138	28.5	149	31.2	153	31.6
	29	72.3	12.7	90.2	16.7	114	23.2	126	26.7	138	30.5	147	32.5	151	32.8
	31	72.3	13.5	90.2	17.8	114	24.7	126	28.5	138	32.6	144	33.8	149	34.1
	33	72.3	14.3	90.2	18.9	114	26.3	126	30.4	138	34.6	142	35.0	146	35.4
	35	72.3	15.2	90.2	20.1	114	28.0	126	32.4	136	35.9	140	36.3	144	36.7
	37	72.3	16.1	90.2	21.4	114	29.8	126	34.5	133	37.2	138	37.6	142	38.0
	39	72.3	17.0	90.2	22.7	114	31.7	126	36.7	131	38.4	136	38.9	140	39.4
110% (1320)	10	66.3	8.95	82.7	11.2	105	14.4	116	16.1	127	17.8	148	21.3	169	24.8
	12	66.3	9.09	82.7	11.3	105	14.6	116	16.4	127	18.1	148	21.7	167	24.7
	14	66.3	9.24	82.7	11.5	105	14.9	116	16.7	127	18.5	148	22.2	164	24.6
	16	66.3	9.39	82.7	11.7	105	15.2	116	17.0	127	18.8	148	22.6	162	24.5
	18	66.3	9.54	82.7	12.0	105	15.5	116	17.3	127	19.2	148	23.2	160	25.7
	20	66.3	9.71	82.7	12.2	105	15.8	116	17.7	127	19.8	148	24.9	158	26.9
	21	66.3	9.79	82.7	12.3	105	15.9	116	18.0	127	20.5	148	25.8	157	27.5
	23	66.3	9.96	82.7	12.5	105	16.9	116	19.3	127	22.0	148	27.7	155	28.8
	25	66.3	10.1	82.7	13.2	105	18.0	116	20.7	127	23.5	148	29.7	152	30.1
	27	66.3	10.8	82.7	14.1	105	19.2	116	22.1	127	25.1	146	31.0	150	31.3
	29	66.3	11.4	82.7	15.0	105	20.5	116	23.5	127	26.8	144	32.3	148	32.6
	31	66.3	12.1	82.7	15.9	105	21.8	116	25.1	127	28.6	142	33.5	146	33.9
	33	66.3	12.9	82.7	16.9	105	23.2	116	26.7	127	30.5	140	34.8	144	35.2
	35	66.3	13.6	82.7	17.9	105	24.7	116	28.5	127	32.5	137	36.1	141	36.5
	37	66.3	14.4	82.7	19.0	105	26.3	116	30.3	127	34.6	135	37.4	139	37.8
	39	66.3	15.3	82.7	20.2	105	28.0	116	32.3	127	36.9	133	38.6	137	39.1
100% (1200)	10	60.3	8.19	75.2	10.1	95.3	13.0	105	14.4	115	16.0	135	19.1	153	22.2
	12	60.3	8.31	75.2	10.3	95.3	13.2	105	14.7	115	16.3	135	19.5	153	22.7
	14	60.3	8.44	75.2	10.5	95.3	13.4	105	15.0	115	16.6	135	19.8	153	23.1
	16	60.3	8.57	75.2	10.6	95.3	13.7	105	15.2	115	16.9	135	20.2	153	23.5
	18	60.3	8.71	75.2	10.8	95.3	13.9	105	15.5	115	17.2	135	20.6	153	24.5
	20	60.3	8.85	75.2	11.0	95.3	14.2	105	15.8	115	17.6	135	21.6	153	26.3
	21	60.3	8.93	75.2	11.1	95.3	14.3	105	16.0	115	17.9	135	22.4	153	27.3
	23	60.3	9.08	75.2	11.3	95.3	14.8	105	16.9	115	19.2	135	24.0	152	28.6
	25	60.3	9.24	75.2	11.7	95.3	15.8	105	18.1	115	20.5	135	25.7	149	29.9
	27	60.3	9.69	75.2	12.5	95.3	16.9	105	19.3	115	21.9	135	27.5	147	31.1
	29	60.3	10.3	75.2	13.3	95.3	18.0	105	20.6	115	23.4	135	29.4	145	32.4
	31	60.3	10.9	75.2	14.1	95.3	19.2	105	21.9	115	24.9	135	31.4	143	33.6
	33	60.3	11.5	75.2	15.0	95.3	20.4	105	23.4	115	26.5	135	33.5	141	34.9
	35	60.3	12.2	75.2	15.9	95.3	21.7	105	24.9	115	28.3	135	35.7	138	36.2
	37	60.3	12.9	75.2	16.9	95.3	23.0	105	26.4	115	30.1	133	37.1	136	37.5
	39	60.3	13.7	75.2	17.9	95.3	24.5	105	28.1	115	32.0	131	38.4	134	38.7
90% (1080)	10	54.3	7.46	67.6	9.13	85.7	11.6	94.6	12.9	104	14.2	121	16.9	138	19.7
	12	54.3	7.56	67.6	9.27	85.7	11.8	94.6	13.1	104	14.4	121	17.2	138	20.1
	14	54.3	7.67	67.6	9.42	85.7	12.0	94.6	13.3	104	14.7	121	17.6	138	20.4
	16	54.3	7.79	67.6	9.57	85.7	12.2	94.6	13.6	104	15.0	121	17.9	138	20.8
	18	54.3	7.91	67.6	9.73	85.7	12.4	94.6	13.8	104	15.3	121	18.3	138	21.3
	20	54.3	8.03	67.6	9.90	85.7	12.7	94.6	14.1	104	15.6	121	18.6	138	22.5
	21	54.3	8.09	67.6	9.99	85.7	12.8	94.6	14.2	104	15.7	121	19.3	138	23.3
	23	54.3	8.23	67.6	10.2	85.7	13.0	94.6	14.7	104	16.6	121	20.6	138	25.0
	25	54.3	8.36	67.6	10.4	85.7	13.8	94.6	15.7	104	17.7	121	22.1	138	26.7
	27	54.3	8.66	67.6	11.0	85.7	14.7	94.6	16.7	104	18.9	121	23.6	138	28.6
	29	54.3	9.17	67.6	11.7	85.7	15.7	94.6	17.8	104	20.2	121	25.2	138	30.5
	31	54.3	9.71	67.6	12.4	85.7	16.7	94.6	19.0	104	21.5	121	26.8	138	32.6
	33	54.3	10.3	67.6	13.2	85.7	17.7	94.6	20.2	104	22.9	121	28.6	138	34.6
	35	54.3	10.9	67.6	14.0	85.7	18.8	94.6	21.5	104	24.3	121	30.5	136	35.9
	37	54.3	11.5	67.6	14.8	85.7	20.0	94.6	22.8	104	25.9	121	32.5	133	37.2
	39	54.3	12.1	67.6	15.7	85.7	21.2	94.6	24.2	104	27.5	121	34.6	131	38.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (960)	10	48.2	6.75	60.1	8.17	76.2	10.3	84.1	11.4	92.0	12.5	108	14.8	123	17.2
	12	48.2	6.84	60.1	8.29	76.2	10.4	84.1	11.5	92.0	12.7	108	15.1	123	17.5
	14	48.2	6.94	60.1	8.42	76.2	10.6	84.1	11.7	92.0	12.9	108	15.4	123	17.8
	16	48.2	7.03	60.1	8.55	76.2	10.8	84.1	12.0	92.0	13.2	108	15.7	123	18.2
	18	48.2	7.14	60.1	8.69	76.2	11.0	84.1	12.2	92.0	13.4	108	16.0	123	18.6
	20	48.2	7.24	60.1	8.83	76.2	11.2	84.1	12.4	92.0	13.7	108	16.3	123	19.0
	21	48.2	7.30	60.1	8.90	76.2	11.3	84.1	12.5	92.0	13.8	108	16.4	123	19.6
	23	48.2	7.41	60.1	9.06	76.2	11.5	84.1	12.8	92.0	14.2	108	17.5	123	21.0
	25	48.2	7.52	60.1	9.21	76.2	11.9	84.1	13.5	92.0	15.1	108	18.7	123	22.5
	27	48.2	7.69	60.1	9.66	76.2	12.7	84.1	14.4	92.0	16.1	108	20.0	123	24.0
	29	48.2	8.14	60.1	10.2	76.2	13.5	84.1	15.3	92.0	17.2	108	21.3	123	25.7
	31	48.2	8.61	60.1	10.9	76.2	14.4	84.1	16.3	92.0	18.3	108	22.7	123	27.4
	33	48.2	9.09	60.1	11.5	76.2	15.2	84.1	17.3	92.0	19.5	108	24.2	123	29.2
	35	48.2	9.60	60.1	12.2	76.2	16.2	84.1	18.3	92.0	20.7	108	25.7	123	31.1
	37	48.2	10.1	60.1	12.9	76.2	17.1	84.1	19.5	92.0	22.0	108	27.4	123	33.1
	39	48.2	10.7	60.1	13.6	76.2	18.2	84.1	20.7	92.0	23.3	108	29.1	123	35.3
70% (840)	10	42.2	6.08	52.6	7.26	66.7	9.00	73.6	9.91	80.5	10.9	94.2	12.8	107	14.8
	12	42.2	6.16	52.6	7.36	66.7	9.14	73.6	10.1	80.5	11.0	94.2	13.0	107	15.1
	14	42.2	6.23	52.6	7.47	66.7	9.29	73.6	10.2	80.5	11.2	94.2	13.3	107	15.3
	16	42.2	6.32	52.6	7.58	66.7	9.44	73.6	10.4	80.5	11.4	94.2	13.5	107	15.6
	18	42.2	6.40	52.6	7.69	66.7	9.60	73.6	10.6	80.5	11.6	94.2	13.8	107	15.9
	20	42.2	6.49	52.6	7.81	66.7	9.76	73.6	10.8	80.5	11.8	94.2	14.0	107	16.2
	21	42.2	6.53	52.6	7.87	66.7	9.84	73.6	10.9	80.5	11.9	94.2	14.2	107	16.4
	23	42.2	6.63	52.6	8.00	66.7	10.0	73.6	11.1	80.5	12.2	94.2	14.6	107	17.4
	25	42.2	6.72	52.6	8.13	66.7	10.2	73.6	11.5	80.5	12.8	94.2	15.6	107	18.6
	27	42.2	6.83	52.6	8.39	66.7	10.9	73.6	12.2	80.5	13.6	94.2	16.7	107	19.9
	29	42.2	7.17	52.6	8.89	66.7	11.5	73.6	12.9	80.5	14.5	94.2	17.7	107	21.2
	31	42.2	7.57	52.6	9.40	66.7	12.2	73.6	13.8	80.5	15.4	94.2	18.9	107	22.6
	33	42.2	7.99	52.6	9.94	66.7	13.0	73.6	14.6	80.5	16.3	94.2	20.1	107	24.1
	35	42.2	8.42	52.6	10.5	66.7	13.7	73.6	15.5	80.5	17.3	94.2	21.4	107	25.6
	37	42.2	8.87	52.6	11.1	66.7	14.5	73.6	16.4	80.5	18.4	94.2	22.7	107	27.3
	39	42.2	9.35	52.6	11.7	66.7	15.4	73.6	17.4	80.5	19.5	94.2	24.1	107	29.0
60% (720)	10	36.2	5.44	45.1	6.40	57.2	7.81	63.1	8.54	69.0	9.30	80.8	10.9	92.1	12.5
	12	36.2	5.50	45.1	6.48	57.2	7.92	63.1	8.67	69.0	9.45	80.8	11.1	92.1	12.7
	14	36.2	5.57	45.1	6.57	57.2	8.04	63.1	8.81	69.0	9.60	80.8	11.3	92.1	12.9
	16	36.2	5.63	45.1	6.66	57.2	8.16	63.1	8.95	69.0	9.76	80.8	11.5	92.1	13.2
	18	36.2	5.70	45.1	6.75	57.2	8.29	63.1	9.09	69.0	9.93	80.8	11.7	92.1	13.4
	20	36.2	5.77	45.1	6.85	57.2	8.42	63.1	9.24	69.0	10.1	80.8	11.9	92.1	13.7
	21	36.2	5.81	45.1	6.89	57.2	8.49	63.1	9.32	69.0	10.2	80.8	12.0	92.1	13.8
	23	36.2	5.88	45.1	7.00	57.2	8.63	63.1	9.48	69.0	10.4	80.8	12.2	92.1	14.2
	25	36.2	5.96	45.1	7.10	57.2	8.78	63.1	9.65	69.0	10.6	80.8	12.8	92.1	15.2
	27	36.2	6.05	45.1	7.21	57.2	9.15	63.1	10.2	69.0	11.3	80.8	13.7	92.1	16.2
	29	36.2	6.27	45.1	7.63	57.2	9.70	63.1	10.8	69.0	12.0	80.8	14.5	92.1	17.2
	31	36.2	6.61	45.1	8.06	57.2	10.3	63.1	11.5	69.0	12.7	80.8	15.4	92.1	18.3
	33	36.2	6.96	45.1	8.51	57.2	10.9	63.1	12.1	69.0	13.5	80.8	16.4	92.1	19.5
	35	36.2	7.33	45.1	8.98	57.2	11.5	63.1	12.9	69.0	14.3	80.8	17.4	92.1	20.7
	37	36.2	7.71	45.1	9.47	57.2	12.2	63.1	13.6	69.0	15.2	80.8	18.5	92.1	22.0
	39	36.2	8.10	45.1	9.98	57.2	12.9	63.1	14.4	69.0	16.1	80.8	19.6	92.1	23.4
50% (600)	10	30.1	4.84	37.6	5.59	47.6	6.69	52.6	7.26	57.5	7.85	67.3	9.08	76.7	10.3
	12	30.1	4.88	37.6	5.65	47.6	6.77	52.6	7.36	57.5	7.96	67.3	9.22	76.7	10.5
	14	30.1	4.93	37.6	5.72	47.6	6.87	52.6	7.46	57.5	8.08	67.3	9.37	76.7	10.7
	16	30.1	4.99	37.6	5.79	47.6	6.96	52.6	7.57	57.5	8.21	67.3	9.52	76.7	10.9
	18	30.1	5.04	37.6	5.86	47.6	7.06	52.6	7.69	57.5	8.34	67.3	9.68	76.7	11.1
	20	30.1	5.10	37.6	5.94	47.6	7.16	52.6	7.80	57.5	8.47	67.3	9.85	76.7	11.3
	21	30.1	5.12	37.6	5.97	47.6	7.22	52.6	7.87	57.5	8.54	67.3	9.94	76.7	11.4
	23	30.1	5.18	37.6	6.05	47.6	7.33	52.6	7.99	57.5	8.68	67.3	10.1	76.7	11.6
	25	30.1	5.25	37.6	6.14	47.6	7.44	52.6	8.12	57.5	8.83	67.3	10.3	76.7	12.0
	27	30.1	5.31	37.6	6.22	47.6	7.60	52.6	8.38	57.5	9.21	67.3	11.0	76.7	12.8
	29	30.1	5.43	37.6	6.47	47.6	8.04	52.6	8.88	57.5	9.76	67.3	11.6	76.7	13.6
	31	30.1	5.71	37.6	6.82	47.6	8.50	52.6	9.39	57.5	10.3	67.3	12.4	76.7	14.5
	33	30.1	6.01	37.6	7.19	47.6	8.98	52.6	9.93	57.5	10.9	67.3	13.1	76.7	15.4
	35	30.1	6.31	37.6	7.57	47.6	9.48	52.6	10.5	57.5	11.6	67.3	13.9	76.7	16.3
	37	30.1	6.63	37.6	7.97	47.6	10.0	52.6	11.1	57.5	12.2	67.3	14.7	76.7	17.3
	39	30.1	6.96	37.6	8.39	47.6	10.6	52.6	11.7	57.5	12.9	67.3	15.6	76.7	18.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ50TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1625)	10	81.3	11.2	101	14.1	128	18.4	142	20.6	155	22.9	176	26.1	181	24.9
	12	81.3	11.4	101	14.4	128	18.8	142	21.0	155	23.3	174	25.9	179	24.8
	14	81.3	11.6	101	14.6	128	19.1	142	21.4	155	23.8	172	25.8	176	24.9
	16	81.3	11.8	101	14.9	128	19.5	142	21.8	155	24.2	169	26.0	174	26.3
	18	81.3	12.0	101	15.2	128	19.9	142	22.3	155	25.0	167	27.3	172	27.6
	20	81.3	12.2	101	15.5	128	20.4	142	23.5	155	26.8	165	28.6	170	28.9
	21	81.3	12.3	101	15.6	128	21.1	142	24.3	155	27.8	164	29.3	168	29.6
	23	81.3	12.6	101	16.3	128	22.6	142	26.1	155	29.8	161	30.6	166	31.0
	25	81.3	13.1	101	17.4	128	24.2	142	27.9	154	31.6	159	32.0	164	32.3
	27	81.3	14.0	101	18.5	128	25.8	142	29.8	152	33.0	157	33.3	162	33.7
	29	81.3	14.8	101	19.8	128	27.6	142	31.9	150	34.3	155	34.7	159	35.1
	31	81.3	15.8	101	21.0	128	29.4	142	34.0	147	35.6	152	36.1	157	36.5
	33	81.3	16.7	101	22.4	128	31.4	142	36.3	145	37.0	150	37.4	155	37.9
	35	81.3	17.8	101	23.8	128	33.4	140	38.1	143	38.3	148	38.8	153	39.3
	37	81.3	18.9	101	25.3	128	35.6	138	39.4	141	39.7	145	40.2	150	40.7
	39	81.3	20.0	101	26.9	128	37.9	136	40.8	138	41.0	143	41.6	148	42.1
120% (1500)	10	75.0	10.3	93.5	13.0	119	16.8	131	18.8	143	20.9	168	25.0	178	25.6
	12	75.0	10.5	93.5	13.2	119	17.1	131	19.2	143	21.3	168	25.5	176	25.5
	14	75.0	10.7	93.5	13.4	119	17.5	131	19.5	143	21.7	168	26.0	173	25.3
	16	75.0	10.9	93.5	13.7	119	17.8	131	19.9	143	22.1	167	26.3	171	26.1
	18	75.0	11.0	93.5	13.9	119	18.1	131	20.3	143	22.5	165	27.2	169	27.4
	20	75.0	11.2	93.5	14.2	119	18.5	131	20.9	143	23.8	162	28.5	167	28.8
	21	75.0	11.3	93.5	14.3	119	18.8	131	21.7	143	24.7	161	29.1	165	29.4
	23	75.0	11.5	93.5	14.7	119	20.2	131	23.2	143	26.5	159	30.5	163	30.8
	25	75.0	11.9	93.5	15.7	119	21.6	131	24.8	143	28.3	157	31.8	161	32.1
	27	75.0	12.7	93.5	16.7	119	23.0	131	26.5	143	30.3	154	33.1	159	33.5
	29	75.0	13.5	93.5	17.8	119	24.6	131	28.3	143	32.4	152	34.5	156	34.8
	31	75.0	14.3	93.5	18.9	119	26.2	131	30.2	143	34.6	150	35.8	154	36.2
	33	75.0	15.2	93.5	20.1	119	27.9	131	32.2	143	36.8	147	37.2	152	37.6
	35	75.0	16.1	93.5	21.4	119	29.7	131	34.4	141	38.1	145	38.5	150	39.0
	37	75.0	17.0	93.5	22.7	119	31.6	131	36.6	138	39.4	143	39.9	147	40.4
	39	75.0	18.1	93.5	24.1	119	33.7	131	39.0	136	40.8	141	41.3	145	41.8
110% (1375)	10	68.8	9.50	85.7	11.8	109	15.3	120	17.0	131	18.9	154	22.6	175	26.3
	12	68.8	9.65	85.7	12.0	109	15.5	120	17.4	131	19.2	154	23.1	173	26.2
	14	68.8	9.80	85.7	12.2	109	15.8	120	17.7	131	19.6	154	23.5	170	26.1
	16	68.8	9.96	85.7	12.5	109	16.1	120	18.0	131	20.0	154	24.0	168	25.9
	18	68.8	10.1	85.7	12.7	109	16.4	120	18.4	131	20.4	154	24.6	166	27.2
	20	68.8	10.3	85.7	12.9	109	16.8	120	18.7	131	21.0	154	26.4	164	28.6
	21	68.8	10.4	85.7	13.0	109	16.9	120	19.1	131	21.7	154	27.4	163	29.2
	23	68.8	10.6	85.7	13.3	109	17.9	120	20.5	131	23.3	154	29.4	160	30.6
	25	68.8	10.8	85.7	14.0	109	19.1	120	21.9	131	24.9	154	31.5	158	31.9
	27	68.8	11.4	85.7	14.9	109	20.4	120	23.4	131	26.6	152	32.9	156	33.2
	29	68.8	12.1	85.7	15.9	109	21.7	120	25.0	131	28.4	149	34.3	153	34.6
	31	68.8	12.9	85.7	16.9	109	23.2	120	26.6	131	30.4	147	35.6	151	36.0
	33	68.8	13.7	85.7	17.9	109	24.7	120	28.4	131	32.4	145	36.9	149	37.3
	35	68.8	14.5	85.7	19.0	109	26.2	120	30.2	131	34.5	143	38.3	147	38.7
	37	68.8	15.3	85.7	20.2	109	27.9	120	32.2	131	36.8	140	39.6	144	40.1
	39	68.8	16.2	85.7	21.4	109	29.7	120	34.3	131	39.2	138	41.0	142	41.4
100% (1250)	10	62.5	8.69	77.9	10.7	98.8	13.7	109	15.3	119	16.9	140	20.3	159	23.6
	12	62.5	8.82	77.9	10.9	98.8	14.0	109	15.6	119	17.3	140	20.7	159	24.0
	14	62.5	8.96	77.9	11.1	98.8	14.2	109	15.9	119	17.6	140	21.0	159	24.5
	16	62.5	9.10	77.9	11.3	98.8	14.5	109	16.2	119	17.9	140	21.5	159	25.0
	18	62.5	9.24	77.9	11.5	98.8	14.8	109	16.5	119	18.3	140	21.9	159	26.0
	20	62.5	9.39	77.9	11.7	98.8	15.1	109	16.8	119	18.6	140	23.0	159	27.9
	21	62.5	9.47	77.9	11.8	98.8	15.2	109	17.0	119	19.0	140	23.8	159	28.9
	23	62.5	9.63	77.9	12.0	98.8	15.8	109	18.0	119	20.3	140	25.5	157	30.4
	25	62.5	9.80	77.9	12.5	98.8	16.8	109	19.2	119	21.7	140	27.3	155	31.7
	27	62.5	10.3	77.9	13.3	98.8	17.9	109	20.5	119	23.2	140	29.2	153	33.0
	29	62.5	10.9	77.9	14.1	98.8	19.1	109	21.8	119	24.8	140	31.2	150	34.3
	31	62.5	11.6	77.9	15.0	98.8	20.3	109	23.3	119	26.4	140	33.3	148	35.7
	33	62.5	12.2	77.9	15.9	98.8	21.6	109	24.8	119	28.2	140	35.5	146	37.0
	35	62.5	13.0	77.9	16.9	98.8	23.0	109	26.4	119	30.0	140	37.9	144	38.4
	37	62.5	13.7	77.9	17.9	98.8	24.4	109	28.1	119	31.9	138	39.4	141	39.7
	39	62.5	14.5	77.9	19.0	98.8	26.0	109	29.8	119	34.0	135	40.7	139	41.1
90% (1125)	10	56.3	7.91	70.2	9.68	88.9	12.3	98.1	13.6	107	15.1	126	18.0	143	20.9
	12	56.3	8.03	70.2	9.83	88.9	12.5	98.1	13.9	107	15.3	126	18.3	143	21.3
	14	56.3	8.14	70.2	9.99	88.9	12.7	98.1	14.1	107	15.6	126	18.6	143	21.7
	16	56.3	8.26	70.2	10.2	88.9	12.9	98.1	14.4	107	15.9	126	19.0	143	22.1
	18	56.3	8.39	70.2	10.3	88.9	13.2	98.1	14.7	107	16.2	126	19.4	143	22.6
	20	56.3	8.52	70.2	10.5	88.9	13.4	98.1	14.9	107	16.5	126	19.8	143	23.9
	21	56.3	8.59	70.2	10.6	88.9	13.6	98.1	15.1	107	16.7	126	20.4	143	24.7
	23	56.3	8.73	70.2	10.8	88.9	13.8	98.1	15.6	107	17.6	126	21.9	143	26.5
	25	56.3	8.87	70.2	11.0	88.9	14.7	98.1	16.7	107	18.8	126	23.4	143	28.4
	27	56.3	9.19	70.2	11.7	88.9	15.6	98.1	17.8	107	20.1	126	25.0	143	30.3
	29	56.3	9.73	70.2	12.4	88.9	16.6	98.1	18.9	107	21.4	126	26.7	143	32.4
	31	56.3	10.3	70.2	13.2	88.9	17.7	98.1	20.1	107	22.8	126	28.5	143	34.6
	33	56.3	10.9	70.2	14.0	88.9	18.8	98.1	21.4	107	24.2	126	30.4	143	36.8
	35	56.3	11.5	70.2	14.8	88.9	20.0	98.1	22.8	107	25.8	126	32.4	141	38.1
	37	56.3	12.2	70.2	15.7	88.9	21.2	98.1	24.2	107	27.4	126	34.5	138	39.4
	39	56.3	12.9	70.2	16.6	88.9	22.5	98.1	25.7	107	29.2	126	36.7	136	40.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1000)	10	50.0	7.17	62.4	8.67	79.0	10.9	87.2	12.0	95.4	13.2	112	15.7	127	18.2
	12	50.0	7.26	62.4	8.80	79.0	11.1	87.2	12.2	95.4	13.5	112	16.0	127	18.6
	14	50.0	7.36	62.4	8.93	79.0	11.3	87.2	12.5	95.4	13.7	112	16.3	127	18.9
	16	50.0	7.46	62.4	9.07	79.0	11.4	87.2	12.7	95.4	14.0	112	16.6	127	19.3
	18	50.0	7.57	62.4	9.22	79.0	11.6	87.2	12.9	95.4	14.2	112	16.9	127	19.7
	20	50.0	7.68	62.4	9.37	79.0	11.9	87.2	13.2	95.4	14.5	112	17.3	127	20.1
	21	50.0	7.74	62.4	9.45	79.0	12.0	87.2	13.3	95.4	14.6	112	17.5	127	20.8
	23	50.0	7.86	62.4	9.61	79.0	12.2	87.2	13.5	95.4	15.1	112	18.6	127	22.3
	25	50.0	7.98	62.4	9.78	79.0	12.7	87.2	14.3	95.4	16.1	112	19.8	127	23.9
	27	50.0	8.16	62.4	10.3	79.0	13.5	87.2	15.2	95.4	17.1	112	21.2	127	25.5
	29	50.0	8.64	62.4	10.9	79.0	14.3	87.2	16.2	95.4	18.2	112	22.6	127	27.2
	31	50.0	9.13	62.4	11.5	79.0	15.2	87.2	17.3	95.4	19.4	112	24.1	127	29.1
	33	50.0	9.65	62.4	12.2	79.0	16.2	87.2	18.3	95.4	20.6	112	25.6	127	31.0
	35	50.0	10.2	62.4	12.9	79.0	17.2	87.2	19.5	95.4	21.9	112	27.3	127	33.0
	37	50.0	10.8	62.4	13.7	79.0	18.2	87.2	20.7	95.4	23.3	112	29.0	127	35.2
	39	50.0	11.3	62.4	14.5	79.0	19.3	87.2	21.9	95.4	24.8	112	30.9	127	37.4
70% (875)	10	43.8	6.45	54.6	7.71	69.2	9.55	76.3	10.5	83.5	11.5	97.7	13.6	111	15.7
	12	43.8	6.53	54.6	7.81	69.2	9.70	76.3	10.7	83.5	11.7	97.7	13.8	111	16.0
	14	43.8	6.62	54.6	7.93	69.2	9.85	76.3	10.9	83.5	11.9	97.7	14.1	111	16.3
	16	43.8	6.70	54.6	8.04	69.2	10.0	76.3	11.0	83.5	12.1	97.7	14.3	111	16.6
	18	43.8	6.79	54.6	8.16	69.2	10.2	76.3	11.2	83.5	12.3	97.7	14.6	111	16.9
	20	43.8	6.88	54.6	8.29	69.2	10.4	76.3	11.4	83.5	12.6	97.7	14.9	111	17.2
	21	43.8	6.93	54.6	8.35	69.2	10.4	76.3	11.5	83.5	12.7	97.7	15.0	111	17.4
	23	43.8	7.03	54.6	8.49	69.2	10.6	76.3	11.8	83.5	12.9	97.7	15.5	111	18.5
	25	43.8	7.13	54.6	8.63	69.2	10.8	76.3	12.2	83.5	13.6	97.7	16.6	111	19.8
	27	43.8	7.24	54.6	8.90	69.2	11.5	76.3	12.9	83.5	14.4	97.7	17.7	111	21.1
	29	43.8	7.61	54.6	9.43	69.2	12.2	76.3	13.7	83.5	15.4	97.7	18.8	111	22.5
	31	43.8	8.03	54.6	9.98	69.2	13.0	76.3	14.6	83.5	16.3	97.7	20.0	111	24.0
	33	43.8	8.47	54.6	10.6	69.2	13.7	76.3	15.5	83.5	17.3	97.7	21.3	111	25.6
	35	43.8	8.94	54.6	11.2	69.2	14.6	76.3	16.4	83.5	18.4	97.7	22.7	111	27.2
	37	43.8	9.42	54.6	11.8	69.2	15.4	76.3	17.4	83.5	19.5	97.7	24.1	111	28.9
	39	43.8	9.92	54.6	12.4	69.2	16.3	76.3	18.5	83.5	20.7	97.7	25.6	111	30.8
60% (750)	10	37.5	5.77	46.8	6.79	59.3	8.28	65.4	9.06	71.6	9.87	83.8	11.5	95.5	13.3
	12	37.5	5.84	46.8	6.88	59.3	8.40	65.4	9.20	71.6	10.0	83.8	11.7	95.5	13.5
	14	37.5	5.91	46.8	6.97	59.3	8.53	65.4	9.34	71.6	10.2	83.8	11.9	95.5	13.7
	16	37.5	5.98	46.8	7.06	59.3	8.66	65.4	9.49	71.6	10.4	83.8	12.2	95.5	14.0
	18	37.5	6.05	46.8	7.16	59.3	8.79	65.4	9.65	71.6	10.5	83.8	12.4	95.5	14.2
	20	37.5	6.12	46.8	7.26	59.3	8.94	65.4	9.81	71.6	10.7	83.8	12.6	95.5	14.5
	21	37.5	6.16	46.8	7.32	59.3	9.01	65.4	9.89	71.6	10.8	83.8	12.7	95.5	14.7
	23	37.5	6.24	46.8	7.42	59.3	9.16	65.4	10.1	71.6	11.0	83.8	13.0	95.5	15.1
	25	37.5	6.33	46.8	7.54	59.3	9.31	65.4	10.2	71.6	11.3	83.8	13.6	95.5	16.1
	27	37.5	6.42	46.8	7.66	59.3	9.71	65.4	10.8	71.6	12.0	83.8	14.5	95.5	17.1
	29	37.5	6.65	46.8	8.09	59.3	10.3	65.4	11.5	71.6	12.7	83.8	15.4	95.5	18.3
	31	37.5	7.01	46.8	8.55	59.3	10.9	65.4	12.2	71.6	13.5	83.8	16.4	95.5	19.4
	33	37.5	7.38	46.8	9.03	59.3	11.5	65.4	12.9	71.6	14.3	83.8	17.4	95.5	20.7
	35	37.5	7.77	46.8	9.53	59.3	12.2	65.4	13.6	71.6	15.2	83.8	18.5	95.5	22.0
	37	37.5	8.18	46.8	10.0	59.3	12.9	65.4	14.4	71.6	16.1	83.8	19.6	95.5	23.3
	39	37.5	8.60	46.8	10.6	59.3	13.6	65.4	15.3	71.6	17.0	83.8	20.8	95.5	24.8
50% (625)	10	31.3	5.13	39.0	5.93	49.4	7.09	54.5	7.70	59.6	8.33	69.8	9.63	79.6	11.0
	12	31.3	5.18	39.0	6.00	49.4	7.19	54.5	7.81	59.6	8.45	69.8	9.79	79.6	11.1
	14	31.3	5.24	39.0	6.07	49.4	7.29	54.5	7.92	59.6	8.58	69.8	9.94	79.6	11.3
	16	31.3	5.29	39.0	6.14	49.4	7.39	54.5	8.03	59.6	8.71	69.8	10.1	79.6	11.5
	18	31.3	5.35	39.0	6.22	49.4	7.49	54.5	8.16	59.6	8.84	69.8	10.3	79.6	11.7
	20	31.3	5.41	39.0	6.30	49.4	7.60	54.5	8.28	59.6	8.99	69.8	10.5	79.6	11.9
	21	31.3	5.44	39.0	6.34	49.4	7.66	54.5	8.35	59.6	9.06	69.8	10.5	79.6	12.1
	23	31.3	5.50	39.0	6.42	49.4	7.78	54.5	8.48	59.6	9.21	69.8	10.7	79.6	12.3
	25	31.3	5.57	39.0	6.51	49.4	7.90	54.5	8.62	59.6	9.37	69.8	10.9	79.6	12.8
	27	31.3	5.63	39.0	6.60	49.4	8.06	54.5	8.89	59.6	9.77	69.8	11.6	79.6	13.6
	29	31.3	5.76	39.0	6.87	49.4	8.53	54.5	9.42	59.6	10.4	69.8	12.4	79.6	14.5
	31	31.3	6.06	39.0	7.24	49.4	9.02	54.5	9.97	59.6	11.0	69.8	13.1	79.6	15.4
	33	31.3	6.38	39.0	7.63	49.4	9.53	54.5	10.5	59.6	11.6	69.8	13.9	79.6	16.3
	35	31.3	6.70	39.0	8.04	49.4	10.1	54.5	11.1	59.6	12.3	69.8	14.7	79.6	17.3
	37	31.3	7.03	39.0	8.46	49.4	10.6	54.5	11.8	59.6	13.0	69.8	15.6	79.6	18.4
	39	31.3	7.38	39.0	8.90	49.4	11.2	54.5	12.4	59.6	13.7	69.8	16.5	79.6	19.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ52TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1690)	10	84.2	11.8	105	14.8	133	19.4	147	21.7	161	24.0	183	27.4	187	26.2
	12	84.2	12.0	105	15.1	133	19.7	147	22.1	161	24.5	180	27.2	185	26.0
	14	84.2	12.2	105	15.4	133	20.1	147	22.5	161	25.0	178	27.1	183	26.2
	16	84.2	12.4	105	15.7	133	20.5	147	22.9	161	25.5	175	27.3	180	27.6
	18	84.2	12.6	105	16.0	133	20.9	147	23.4	161	26.2	173	28.7	178	29.0
	20	84.2	12.8	105	16.3	133	21.4	147	24.7	161	28.2	171	30.1	176	30.4
	21	84.2	12.9	105	16.4	133	22.2	147	25.5	161	29.2	170	30.8	174	31.1
	23	84.2	13.2	105	17.1	133	23.7	147	27.4	161	31.3	167	32.2	172	32.5
	25	84.2	13.8	105	18.3	133	25.4	147	29.3	160	33.2	165	33.6	170	34.0
	27	84.2	14.7	105	19.5	133	27.1	147	31.3	157	34.6	162	35.0	167	35.4
	29	84.2	15.6	105	20.8	133	29.0	147	33.5	155	36.0	160	36.4	165	36.9
	31	84.2	16.6	105	22.1	133	30.9	147	35.8	153	37.4	158	37.9	163	38.3
	33	84.2	17.6	105	23.5	133	32.9	147	38.2	150	38.8	155	39.3	160	39.8
	35	84.2	18.7	105	25.0	133	35.1	145	40.0	148	40.2	153	40.8	158	41.2
	37	84.2	19.8	105	26.6	133	37.4	143	41.4	146	41.7	151	42.2	156	42.7
	39	84.2	21.0	105	28.3	133	39.8	141	42.8	143	43.1	148	43.7	153	44.2
120% (1560)	10	77.7	10.9	96.9	13.6	123	17.7	135	19.8	148	21.9	173	26.3	184	26.9
	12	77.7	11.0	96.9	13.9	123	18.0	135	20.1	148	22.3	173	26.8	182	26.8
	14	77.7	11.2	96.9	14.1	123	18.3	135	20.5	148	22.8	173	27.3	180	26.6
	16	77.7	11.4	96.9	14.4	123	18.7	135	20.9	148	23.2	173	27.6	177	27.4
	18	77.7	11.6	96.9	14.6	123	19.0	135	21.3	148	23.7	170	28.5	175	28.8
	20	77.7	11.8	96.9	14.9	123	19.4	135	22.0	148	25.0	168	29.9	173	30.2
	21	77.7	11.9	96.9	15.0	123	19.8	135	22.7	148	25.9	167	30.6	171	30.9
	23	77.7	12.1	96.9	15.4	123	21.2	135	24.4	148	27.8	164	32.0	169	32.3
	25	77.7	12.5	96.9	16.4	123	22.6	135	26.1	148	29.7	162	33.4	167	33.7
	27	77.7	13.3	96.9	17.5	123	24.2	135	27.9	148	31.8	160	34.8	164	35.2
	29	77.7	14.1	96.9	18.7	123	25.8	135	29.7	148	34.0	157	36.2	162	36.6
	31	77.7	15.0	96.9	19.9	123	27.5	135	31.7	148	36.3	155	37.6	160	38.0
	33	77.7	15.9	96.9	21.1	123	29.3	135	33.9	148	38.6	153	39.1	157	39.5
	35	77.7	16.9	96.9	22.4	123	31.2	135	36.1	146	40.0	150	40.5	155	40.9
	37	77.7	17.9	96.9	23.8	123	33.2	135	38.4	143	41.4	148	41.9	153	42.4
	39	77.7	19.0	96.9	25.3	123	35.4	135	40.9	141	42.8	146	43.4	150	43.9
110% (1430)	10	71.2	9.98	88.8	12.4	113	16.0	124	17.9	136	19.8	159	23.8	181	27.7
	12	71.2	10.1	88.8	12.6	113	16.3	124	18.2	136	20.2	159	24.2	179	27.5
	14	71.2	10.3	88.8	12.9	113	16.6	124	18.6	136	20.6	159	24.7	177	27.4
	16	71.2	10.5	88.8	13.1	113	16.9	124	18.9	136	21.0	159	25.2	174	27.3
	18	71.2	10.6	88.8	13.3	113	17.3	124	19.3	136	21.4	159	25.8	172	28.6
	20	71.2	10.8	88.8	13.6	113	17.6	124	19.7	136	22.1	159	27.8	169	30.0
	21	71.2	10.9	88.8	13.7	113	17.8	124	20.1	136	22.8	159	28.8	168	30.7
	23	71.2	11.1	88.8	14.0	113	18.8	124	21.5	136	24.5	159	30.9	166	32.1
	25	71.2	11.3	88.8	14.7	113	20.1	124	23.0	136	26.2	159	33.0	164	33.5
	27	71.2	12.0	88.8	15.7	113	21.4	124	24.6	136	28.0	157	34.6	161	34.9
	29	71.2	12.8	88.8	16.7	113	22.8	124	26.2	136	29.9	155	36.0	159	36.3
	31	71.2	13.5	88.8	17.7	113	24.3	124	28.0	136	31.9	152	37.4	157	37.8
	33	71.2	14.3	88.8	18.8	113	25.9	124	29.8	136	34.0	150	38.8	154	39.2
	35	71.2	15.2	88.8	20.0	113	27.6	124	31.7	136	36.2	148	40.2	152	40.6
	37	71.2	16.1	88.8	21.2	113	29.3	124	33.8	136	38.6	145	41.6	149	42.1
	39	71.2	17.0	88.8	22.5	113	31.2	124	36.0	136	41.1	143	43.1	147	43.5
100% (1300)	10	64.8	9.13	80.7	11.3	102	14.4	113	16.1	124	17.8	145	21.3	165	24.8
	12	64.8	9.27	80.7	11.5	102	14.7	113	16.4	124	18.1	145	21.7	165	25.3
	14	64.8	9.41	80.7	11.7	102	15.0	113	16.7	124	18.5	145	22.1	165	25.7
	16	64.8	9.55	80.7	11.9	102	15.2	113	17.0	124	18.8	145	22.5	165	26.2
	18	64.8	9.71	80.7	12.1	102	15.5	113	17.3	124	19.2	145	23.0	165	27.3
	20	64.8	9.87	80.7	12.3	102	15.8	113	17.7	124	19.6	145	24.1	165	29.3
	21	64.8	9.95	80.7	12.4	102	16.0	113	17.8	124	20.0	145	25.0	165	30.4
	23	64.8	10.1	80.7	12.6	102	16.5	113	18.9	124	21.4	145	26.8	163	31.9
	25	64.8	10.3	80.7	13.1	102	17.7	113	20.2	124	22.8	145	28.7	161	33.3
	27	64.8	10.8	80.7	13.9	102	18.8	113	21.5	124	24.4	145	30.6	158	34.7
	29	64.8	11.5	80.7	14.8	102	20.1	113	22.9	124	26.0	145	32.7	156	36.1
	31	64.8	12.1	80.7	15.7	102	21.4	113	24.4	124	27.8	145	35.0	153	37.5
	33	64.8	12.9	80.7	16.7	102	22.7	113	26.0	124	29.6	145	37.3	151	38.9
	35	64.8	13.6	80.7	17.7	102	24.2	113	27.7	124	31.5	145	39.8	149	40.3
	37	64.8	14.4	80.7	18.8	102	25.7	113	29.5	124	33.5	143	41.3	146	41.7
	39	64.8	15.2	80.7	19.9	102	27.3	113	31.3	124	35.7	140	42.8	144	43.2
90% (1170)	10	58.3	8.31	72.7	10.2	92.1	12.9	102	14.3	111	15.8	130	18.9	148	21.9
	12	58.3	8.43	72.7	10.3	92.1	13.1	102	14.6	111	16.1	130	19.2	148	22.4
	14	58.3	8.55	72.7	10.5	92.1	13.4	102	14.9	111	16.4	130	19.6	148	22.8
	16	58.3	8.68	72.7	10.7	92.1	13.6	102	15.1	111	16.7	130	20.0	148	23.2
	18	58.3	8.81	72.7	10.8	92.1	13.8	102	15.4	111	17.0	130	20.4	148	23.7
	20	58.3	8.95	72.7	11.0	92.1	14.1	102	15.7	111	17.4	130	20.8	148	25.1
	21	58.3	9.02	72.7	11.1	92.1	14.2	102	15.9	111	17.5	130	21.5	148	26.0
	23	58.3	9.17	72.7	11.3	92.1	14.5	102	16.4	111	18.5	130	23.0	148	27.8
	25	58.3	9.32	72.7	11.6	92.1	15.4	102	17.5	111	19.7	130	24.6	148	29.8
	27	58.3	9.65	72.7	12.3	92.1	16.4	102	18.7	111	21.1	130	26.3	148	31.9
	29	58.3	10.2	72.7	13.1	92.1	17.5	102	19.9	111	22.5	130	28.0	148	34.0
	31	58.3	10.8	72.7	13.9	92.1	18.6	102	21.2	111	23.9	130	29.9	148	36.3
	33	58.3	11.5	72.7	14.7	92.1	19.7	102	22.5	111	25.5	130	31.9	148	38.6
	35	58.3	12.1	72.7	15.6	92.1	21.0	102	23.9	111	27.1	130	34.0	146	40.0
	37	58.3	12.8	72.7	16.5	92.1	22.3	102	25.4	111	28.8	130	36.2	143	41.4
	39	58.3	13.5	72.7	17.5	92.1	23.6	102	27.0	111	30.7	130	38.5	141	42.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1040)	10	51.8	7.53	64.6	9.11	81.9	11.4	90.3	12.7	98.8	13.9	116	16.5	132	19.2
	12	51.8	7.63	64.6	9.24	81.9	11.6	90.3	12.9	98.8	14.2	116	16.8	132	19.5
	14	51.8	7.73	64.6	9.38	81.9	11.8	90.3	13.1	98.8	14.4	116	17.1	132	19.9
	16	51.8	7.84	64.6	9.53	81.9	12.0	90.3	13.3	98.8	14.7	116	17.5	132	20.3
	18	51.8	7.95	64.6	9.68	81.9	12.2	90.3	13.6	98.8	14.9	116	17.8	132	20.7
	20	51.8	8.07	64.6	9.84	81.9	12.5	90.3	13.8	98.8	15.2	116	18.1	132	21.1
	21	51.8	8.13	64.6	9.92	81.9	12.6	90.3	13.9	98.8	15.4	116	18.3	132	21.9
	23	51.8	8.26	64.6	10.1	81.9	12.8	90.3	14.2	98.8	15.8	116	19.5	132	23.4
	25	51.8	8.39	64.6	10.3	81.9	13.3	90.3	15.0	98.8	16.9	116	20.8	132	25.1
	27	51.8	8.57	64.6	10.8	81.9	14.2	90.3	16.0	98.8	18.0	116	22.2	132	26.8
	29	51.8	9.07	64.6	11.4	81.9	15.1	90.3	17.0	98.8	19.2	116	23.7	132	28.6
	31	51.8	9.59	64.6	12.1	81.9	16.0	90.3	18.1	98.8	20.4	116	25.3	132	30.5
	33	51.8	10.1	64.6	12.8	81.9	17.0	90.3	19.3	98.8	21.7	116	26.9	132	32.5
	35	51.8	10.7	64.6	13.6	81.9	18.0	90.3	20.4	98.8	23.0	116	28.7	132	34.7
	37	51.8	11.3	64.6	14.4	81.9	19.1	90.3	21.7	98.8	24.5	116	30.5	132	36.9
	39	51.8	11.9	64.6	15.2	81.9	20.3	90.3	23.0	98.8	26.0	116	32.4	132	39.3
70% (910)	10	45.3	6.78	56.5	8.10	71.6	10.0	79.0	11.0	86.5	12.1	101	14.3	115	16.5
	12	45.3	6.86	56.5	8.21	71.6	10.2	79.0	11.2	86.5	12.3	101	14.5	115	16.8
	14	45.3	6.95	56.5	8.33	71.6	10.3	79.0	11.4	86.5	12.5	101	14.8	115	17.1
	16	45.3	7.04	56.5	8.45	71.6	10.5	79.0	11.6	86.5	12.7	101	15.1	115	17.4
	18	45.3	7.13	56.5	8.57	71.6	10.7	79.0	11.8	86.5	13.0	101	15.3	115	17.8
	20	45.3	7.23	56.5	8.71	71.6	10.9	79.0	12.0	86.5	13.2	101	15.6	115	18.1
	21	45.3	7.28	56.5	8.77	71.6	11.0	79.0	12.1	86.5	13.3	101	15.8	115	18.3
	23	45.3	7.39	56.5	8.91	71.6	11.2	79.0	12.3	86.5	13.6	101	16.3	115	19.4
	25	45.3	7.49	56.5	9.06	71.6	11.4	79.0	12.8	86.5	14.2	101	17.4	115	20.8
	27	45.3	7.61	56.5	9.35	71.6	12.1	79.0	13.6	86.5	15.2	101	18.6	115	22.2
	29	45.3	7.99	56.5	9.90	71.6	12.8	79.0	14.4	86.5	16.1	101	19.8	115	23.7
	31	45.3	8.44	56.5	10.5	71.6	13.6	79.0	15.3	86.5	17.1	101	21.0	115	25.2
	33	45.3	8.90	56.5	11.1	71.6	14.4	79.0	16.3	86.5	18.2	101	22.4	115	26.8
	35	45.3	9.39	56.5	11.7	71.6	15.3	79.0	17.2	86.5	19.3	101	23.8	115	28.6
	37	45.3	9.89	56.5	12.4	71.6	16.2	79.0	18.3	86.5	20.5	101	25.3	115	30.4
	39	45.3	10.4	56.5	13.1	71.6	17.2	79.0	19.4	86.5	21.8	101	26.9	115	32.3
60% (780)	10	38.9	6.07	48.4	7.13	61.4	8.70	67.7	9.52	74.1	10.4	86.7	12.1	98.9	13.9
	12	38.9	6.13	48.4	7.23	61.4	8.83	67.7	9.66	74.1	10.5	86.7	12.3	98.9	14.2
	14	38.9	6.20	48.4	7.32	61.4	8.96	67.7	9.81	74.1	10.7	86.7	12.5	98.9	14.4
	16	38.9	6.28	48.4	7.42	61.4	9.10	67.7	9.97	74.1	10.9	86.7	12.8	98.9	14.7
	18	38.9	6.35	48.4	7.52	61.4	9.24	67.7	10.1	74.1	11.1	86.7	13.0	98.9	15.0
	20	38.9	6.43	48.4	7.63	61.4	9.39	67.7	10.3	74.1	11.3	86.7	13.2	98.9	15.2
	21	38.9	6.47	48.4	7.68	61.4	9.46	67.7	10.4	74.1	11.4	86.7	13.4	98.9	15.4
	23	38.9	6.56	48.4	7.80	61.4	9.62	67.7	10.6	74.1	11.6	86.7	13.6	98.9	15.8
	25	38.9	6.65	48.4	7.92	61.4	9.78	67.7	10.8	74.1	11.8	86.7	14.3	98.9	16.9
	27	38.9	6.74	48.4	8.04	61.4	10.2	67.7	11.4	74.1	12.6	86.7	15.2	98.9	18.0
	29	38.9	6.98	48.4	8.50	61.4	10.8	67.7	12.0	74.1	13.4	86.7	16.2	98.9	19.2
	31	38.9	7.36	48.4	8.98	61.4	11.4	67.7	12.8	74.1	14.2	86.7	17.2	98.9	20.4
	33	38.9	7.76	48.4	9.48	61.4	12.1	67.7	13.5	74.1	15.0	86.7	18.3	98.9	21.7
	35	38.9	8.16	48.4	10.0	61.4	12.8	67.7	14.3	74.1	15.9	86.7	19.4	98.9	23.1
	37	38.9	8.59	48.4	10.6	61.4	13.6	67.7	15.2	74.1	16.9	86.7	20.6	98.9	24.5
	39	38.9	9.03	48.4	11.1	61.4	14.3	67.7	16.1	74.1	17.9	86.7	21.8	98.9	26.0
50% (650)	10	32.4	5.39	40.4	6.23	51.2	7.45	56.5	8.09	61.8	8.75	72.3	10.1	82.4	11.5
	12	32.4	5.44	40.4	6.30	51.2	7.55	56.5	8.20	61.8	8.88	72.3	10.3	82.4	11.7
	14	32.4	5.50	40.4	6.37	51.2	7.65	56.5	8.32	61.8	9.01	72.3	10.4	82.4	11.9
	16	32.4	5.56	40.4	6.45	51.2	7.76	56.5	8.44	61.8	9.15	72.3	10.6	82.4	12.1
	18	32.4	5.62	40.4	6.53	51.2	7.87	56.5	8.57	61.8	9.29	72.3	10.8	82.4	12.3
	20	32.4	5.68	40.4	6.62	51.2	7.98	56.5	8.70	61.8	9.44	72.3	11.0	82.4	12.5
	21	32.4	5.71	40.4	6.66	51.2	8.04	56.5	8.77	61.8	9.52	72.3	11.1	82.4	12.7
	23	32.4	5.78	40.4	6.75	51.2	8.17	56.5	8.91	61.8	9.68	72.3	11.3	82.4	12.9
	25	32.4	5.85	40.4	6.84	51.2	8.29	56.5	9.05	61.8	9.84	72.3	11.5	82.4	13.4
	27	32.4	5.92	40.4	6.94	51.2	8.47	56.5	9.34	61.8	10.3	72.3	12.2	82.4	14.3
	29	32.4	6.05	40.4	7.21	51.2	8.96	56.5	9.89	61.8	10.9	72.3	13.0	82.4	15.2
	31	32.4	6.37	40.4	7.61	51.2	9.47	56.5	10.5	61.8	11.5	72.3	13.8	82.4	16.1
	33	32.4	6.70	40.4	8.02	51.2	10.0	56.5	11.1	61.8	12.2	72.3	14.6	82.4	17.1
	35	32.4	7.04	40.4	8.44	51.2	10.6	56.5	11.7	61.8	12.9	72.3	15.5	82.4	18.2
	37	32.4	7.39	40.4	8.89	51.2	11.1	56.5	12.4	61.8	13.6	72.3	16.4	82.4	19.3
	39	32.4	7.75	40.4	9.35	51.2	11.8	56.5	13.1	61.8	14.4	72.3	17.4	82.4	20.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ54TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1755)	10	87.1	12.4	109	15.7	138	20.4	152	22.9	166	25.4	189	28.9	194	27.6
	12	87.1	12.6	109	15.9	138	20.8	152	23.3	166	25.8	186	28.7	191	27.4
	14	87.1	12.8	109	16.2	138	21.2	152	23.7	166	26.3	184	28.6	189	27.6
	16	87.1	13.1	109	16.5	138	21.6	152	24.2	166	26.9	181	28.8	187	29.1
	18	87.1	13.3	109	16.8	138	22.0	152	24.7	166	27.7	179	30.3	184	30.6
	20	87.1	13.5	109	17.2	138	22.6	152	26.0	166	29.7	177	31.7	182	32.1
	21	87.1	13.6	109	17.3	138	23.4	152	26.9	166	30.8	175	32.5	181	32.8
	23	87.1	13.9	109	18.0	138	25.0	152	28.9	166	33.0	173	34.0	178	34.3
	25	87.1	14.5	109	19.3	138	26.8	152	30.9	165	35.0	171	35.4	176	35.8
	27	87.1	15.5	109	20.5	138	28.6	152	33.1	163	36.5	168	36.9	173	37.4
	29	87.1	16.4	109	21.9	138	30.5	152	35.3	160	38.0	166	38.4	171	38.9
	31	87.1	17.5	109	23.3	138	32.6	152	37.7	158	39.5	163	39.9	168	40.4
	33	87.1	18.6	109	24.8	138	34.7	152	40.2	155	41.0	161	41.5	166	42.0
	35	87.1	19.7	109	26.4	138	37.0	150	42.2	153	42.4	158	43.0	163	43.5
	37	87.1	20.9	109	28.0	138	39.4	148	43.7	151	43.9	156	44.5	161	45.1
	39	87.1	22.2	109	29.8	138	42.0	145	45.2	148	45.5	153	46.1	159	46.6
120% (1620)	10	80.4	11.5	100	14.4	127	18.6	140	20.8	153	23.1	179	27.7	191	28.4
	12	80.4	11.6	100	14.6	127	19.0	140	21.2	153	23.6	179	28.3	188	28.2
	14	80.4	11.8	100	14.9	127	19.3	140	21.6	153	24.0	179	28.8	186	28.1
	16	80.4	12.0	100	15.1	127	19.7	140	22.1	153	24.5	179	29.1	183	28.9
	18	80.4	12.2	100	15.4	127	20.1	140	22.5	153	25.0	176	30.1	181	30.4
	20	80.4	12.5	100	15.7	127	20.5	140	23.2	153	26.4	174	31.5	179	31.9
	21	80.4	12.6	100	15.9	127	20.9	140	24.0	153	27.3	173	32.3	177	32.6
	23	80.4	12.8	100	16.3	127	22.3	140	25.7	153	29.3	170	33.8	175	34.1
	25	80.4	13.2	100	17.3	127	23.9	140	27.5	153	31.4	168	35.2	172	35.6
	27	80.4	14.0	100	18.5	127	25.5	140	29.4	153	33.6	165	36.7	170	37.1
	29	80.4	14.9	100	19.7	127	27.2	140	31.4	153	35.9	163	38.2	168	38.6
	31	80.4	15.8	100	20.9	127	29.0	140	33.5	153	38.3	160	39.7	165	40.1
	33	80.4	16.8	100	22.3	127	30.9	140	35.7	153	40.7	158	41.2	163	41.6
	35	80.4	17.8	100	23.7	127	32.9	140	38.1	151	42.2	156	42.7	160	43.2
	37	80.4	18.9	100	25.1	127	35.1	140	40.5	148	43.7	153	44.2	158	44.7
	39	80.4	20.0	100	26.7	127	37.3	140	43.2	146	45.2	151	45.7	155	46.3
110% (1485)	10	73.7	10.5	91.9	13.1	116	16.9	128	18.9	141	20.9	165	25.1	188	29.2
	12	73.7	10.7	91.9	13.3	116	17.2	128	19.2	141	21.3	165	25.6	185	29.0
	14	73.7	10.9	91.9	13.6	116	17.5	128	19.6	141	21.7	165	26.0	183	28.9
	16	73.7	11.0	91.9	13.8	116	17.9	128	20.0	141	22.1	165	26.6	180	28.7
	18	73.7	11.2	91.9	14.1	116	18.2	128	20.4	141	22.6	165	27.3	178	30.2
	20	73.7	11.4	91.9	14.3	116	18.6	128	20.8	141	23.3	165	29.3	175	31.6
	21	73.7	11.5	91.9	14.4	116	18.7	128	21.2	141	24.1	165	30.3	174	32.4
	23	73.7	11.7	91.9	14.7	116	19.8	128	22.7	141	25.8	165	32.5	172	33.9
	25	73.7	11.9	91.9	15.5	116	21.2	128	24.3	141	27.6	165	34.9	169	35.3
	27	73.7	12.7	91.9	16.5	116	22.6	128	25.9	141	29.5	162	36.5	167	36.8
	29	73.7	13.5	91.9	17.6	116	24.1	128	27.7	141	31.5	160	38.0	164	38.3
	31	73.7	14.3	91.9	18.7	116	25.7	128	29.5	141	33.6	158	39.4	162	39.8
	33	73.7	15.1	91.9	19.9	116	27.3	128	31.4	141	35.9	155	40.9	159	41.3
	35	73.7	16.0	91.9	21.1	116	29.1	128	33.5	141	38.2	153	42.4	157	42.9
	37	73.7	17.0	91.9	22.4	116	30.9	128	35.7	141	40.7	150	43.9	155	44.4
	39	73.7	18.0	91.9	23.8	116	32.9	128	37.9	141	43.4	148	45.4	152	45.9
100% (1350)	10	67.0	9.63	83.5	11.9	106	15.2	117	17.0	128	18.8	150	22.5	171	26.1
	12	67.0	9.77	83.5	12.1	106	15.5	117	17.3	128	19.1	150	22.9	171	26.6
	14	67.0	9.92	83.5	12.3	106	15.8	117	17.6	128	19.5	150	23.3	171	27.2
	16	67.0	10.1	83.5	12.5	106	16.1	117	17.9	128	19.8	150	23.8	171	27.7
	18	67.0	10.2	83.5	12.7	106	16.4	117	18.3	128	20.2	150	24.2	171	28.8
	20	67.0	10.4	83.5	12.9	106	16.7	117	18.6	128	20.6	150	25.4	171	30.9
	21	67.0	10.5	83.5	13.1	106	16.9	117	18.8	128	21.1	150	26.4	171	32.0
	23	67.0	10.7	83.5	13.3	106	17.5	117	19.9	128	22.5	150	28.2	168	33.6
	25	67.0	10.9	83.5	13.8	106	18.6	117	21.3	128	24.1	150	30.2	166	35.1
	27	67.0	11.4	83.5	14.7	106	19.9	117	22.7	128	25.7	150	32.3	164	36.6
	29	67.0	12.1	83.5	15.6	106	21.2	117	24.2	128	27.5	150	34.5	161	38.1
	31	67.0	12.8	83.5	16.6	106	22.5	117	25.8	128	29.3	150	36.9	159	39.5
	33	67.0	13.6	83.5	17.6	106	24.0	117	27.5	128	31.2	150	39.3	156	41.0
	35	67.0	14.4	83.5	18.7	106	25.5	117	29.2	128	33.2	150	41.9	154	42.5
	37	67.0	15.2	83.5	19.8	106	27.1	117	31.1	128	35.4	147	43.6	151	44.0
	39	67.0	16.1	83.5	21.0	106	28.8	117	33.1	128	37.6	145	45.1	149	45.5
90% (1215)	10	60.3	8.77	75.2	10.7	95.3	13.6	105	15.1	115	16.7	135	19.9	153	23.1
	12	60.3	8.89	75.2	10.9	95.3	13.8	105	15.4	115	17.0	135	20.3	153	23.6
	14	60.3	9.02	75.2	11.1	95.3	14.1	105	15.7	115	17.3	135	20.7	153	24.0
	16	60.3	9.15	75.2	11.3	95.3	14.3	105	16.0	115	17.6	135	21.1	153	24.5
	18	60.3	9.29	75.2	11.4	95.3	14.6	105	16.3	115	18.0	135	21.5	153	25.0
	20	60.3	9.44	75.2	11.6	95.3	14.9	105	16.6	115	18.3	135	21.9	153	26.4
	21	60.3	9.51	75.2	11.7	95.3	15.0	105	16.7	115	18.5	135	22.6	153	27.4
	23	60.3	9.67	75.2	11.9	95.3	15.3	105	17.3	115	19.5	135	24.3	153	29.3
	25	60.3	9.83	75.2	12.2	95.3	16.3	105	18.5	115	20.8	135	25.9	153	31.4
	27	60.3	10.2	75.2	13.0	95.3	17.3	105	19.7	115	22.2	135	27.7	153	33.6
	29	60.3	10.8	75.2	13.8	95.3	18.4	105	21.0	115	23.7	135	29.6	153	35.9
	31	60.3	11.4	75.2	14.6	95.3	19.6	105	22.3	115	25.2	135	31.6	153	38.3
	33	60.3	12.1	75.2	15.5	95.3	20.8	105	23.7	115	26.9	135	33.6	153	40.7
	35	60.3	12.8	75.2	16.4	95.3	22.1	105	25.2	115	28.6	135	35.8	151	42.2
	37	60.3	13.5	75.2	17.4	95.3	23.5	105	26.8	115	30.4	135	38.2	148	43.7
	39	60.3	14.3	75.2	18.4	95.3	24.9	105	28.5	115	32.3	135	40.6	146	45.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1080)	10	53.6	7.94	66.8	9.61	84.7	12.1	93.4	13.3	102	14.7	120	17.4	136	20.2
	12	53.6	8.05	66.8	9.75	84.7	12.3	93.4	13.6	102	14.9	120	17.7	136	20.6
	14	53.6	8.16	66.8	9.90	84.7	12.5	93.4	13.8	102	15.2	120	18.1	136	21.0
	16	53.6	8.27	66.8	10.1	84.7	12.7	93.4	14.1	102	15.5	120	18.4	136	21.4
	18	53.6	8.39	66.8	10.2	84.7	12.9	93.4	14.3	102	15.8	120	18.8	136	21.8
	20	53.6	8.51	66.8	10.4	84.7	13.1	93.4	14.6	102	16.1	120	19.1	136	22.3
	21	53.6	8.58	66.8	10.5	84.7	13.3	93.4	14.7	102	16.2	120	19.3	136	23.1
	23	53.6	8.71	66.8	10.6	84.7	13.5	93.4	15.0	102	16.7	120	20.6	136	24.7
	25	53.6	8.85	66.8	10.8	84.7	14.0	93.4	15.9	102	17.8	120	22.0	136	26.4
	27	53.6	9.04	66.8	11.4	84.7	14.9	93.4	16.9	102	19.0	120	23.5	136	28.3
	29	53.6	9.57	66.8	12.0	84.7	15.9	93.4	18.0	102	20.2	120	25.0	136	30.2
	31	53.6	10.1	66.8	12.8	84.7	16.9	93.4	19.1	102	21.5	120	26.7	136	32.2
	33	53.6	10.7	66.8	13.5	84.7	17.9	93.4	20.3	102	22.9	120	28.4	136	34.3
	35	53.6	11.3	66.8	14.3	84.7	19.0	93.4	21.6	102	24.3	120	30.2	136	36.6
	37	53.6	11.9	66.8	15.1	84.7	20.2	93.4	22.9	102	25.8	120	32.2	136	39.0
	39	53.6	12.6	66.8	16.0	84.7	21.4	93.4	24.3	102	27.4	120	34.2	136	41.5
70% (945)	10	46.9	7.15	58.5	8.54	74.1	10.6	81.8	11.6	89.5	12.8	105	15.1	119	17.4
	12	46.9	7.24	58.5	8.66	74.1	10.7	81.8	11.8	89.5	13.0	105	15.3	119	17.7
	14	46.9	7.33	58.5	8.78	74.1	10.9	81.8	12.0	89.5	13.2	105	15.6	119	18.0
	16	46.9	7.42	58.5	8.91	74.1	11.1	81.8	12.2	89.5	13.4	105	15.9	119	18.4
	18	46.9	7.52	58.5	9.04	74.1	11.3	81.8	12.4	89.5	13.7	105	16.2	119	18.7
	20	46.9	7.63	58.5	9.18	74.1	11.5	81.8	12.7	89.5	13.9	105	16.5	119	19.1
	21	46.9	7.68	58.5	9.25	74.1	11.6	81.8	12.8	89.5	14.0	105	16.6	119	19.3
	23	46.9	7.79	58.5	9.40	74.1	11.8	81.8	13.0	89.5	14.3	105	17.2	119	20.5
	25	46.9	7.90	58.5	9.56	74.1	12.0	81.8	13.5	89.5	15.0	105	18.4	119	21.9
	27	46.9	8.02	58.5	9.86	74.1	12.8	81.8	14.3	89.5	16.0	105	19.6	119	23.4
	29	46.9	8.43	58.5	10.4	74.1	13.5	81.8	15.2	89.5	17.0	105	20.9	119	24.9
	31	46.9	8.90	58.5	11.1	74.1	14.4	81.8	16.2	89.5	18.1	105	22.2	119	26.6
	33	46.9	9.39	58.5	11.7	74.1	15.2	81.8	17.2	89.5	19.2	105	23.6	119	28.3
	35	46.9	9.90	58.5	12.4	74.1	16.1	81.8	18.2	89.5	20.4	105	25.1	119	30.1
	37	46.9	10.4	58.5	13.1	74.1	17.1	81.8	19.3	89.5	21.6	105	26.7	119	32.1
	39	46.9	11.0	58.5	13.8	74.1	18.1	81.8	20.4	89.5	22.9	105	28.3	119	34.1
60% (810)	10	40.2	6.40	50.1	7.53	63.5	9.18	70.1	10.0	76.7	10.9	89.7	12.8	102	14.7
	12	40.2	6.47	50.1	7.62	63.5	9.31	70.1	10.2	76.7	11.1	89.7	13.0	102	14.9
	14	40.2	6.54	50.1	7.72	63.5	9.45	70.1	10.4	76.7	11.3	89.7	13.2	102	15.2
	16	40.2	6.62	50.1	7.83	63.5	9.59	70.1	10.5	76.7	11.5	89.7	13.5	102	15.5
	18	40.2	6.70	50.1	7.93	63.5	9.74	70.1	10.7	76.7	11.7	89.7	13.7	102	15.8
	20	40.2	6.79	50.1	8.05	63.5	9.90	70.1	10.9	76.7	11.9	89.7	14.0	102	16.1
	21	40.2	6.83	50.1	8.11	63.5	9.98	70.1	11.0	76.7	12.0	89.7	14.1	102	16.2
	23	40.2	6.92	50.1	8.23	63.5	10.1	70.1	11.1	76.7	12.2	89.7	14.4	102	16.7
	25	40.2	7.01	50.1	8.35	63.5	10.3	70.1	11.3	76.7	12.5	89.7	15.1	102	17.8
	27	40.2	7.11	50.1	8.48	63.5	10.8	70.1	12.0	76.7	13.3	89.7	16.1	102	19.0
	29	40.2	7.37	50.1	8.97	63.5	11.4	70.1	12.7	76.7	14.1	89.7	17.1	102	20.2
	31	40.2	7.77	50.1	9.47	63.5	12.1	70.1	13.5	76.7	15.0	89.7	18.1	102	21.5
	33	40.2	8.18	50.1	10.0	63.5	12.8	70.1	14.3	76.7	15.9	89.7	19.3	102	22.9
	35	40.2	8.61	50.1	10.6	63.5	13.5	70.1	15.1	76.7	16.8	89.7	20.5	102	24.3
	37	40.2	9.06	50.1	11.1	63.5	14.3	70.1	16.0	76.7	17.8	89.7	21.7	102	25.9
	39	40.2	9.53	50.1	11.7	63.5	15.1	70.1	16.9	76.7	18.9	89.7	23.0	102	27.5
50% (675)	10	33.5	5.68	41.8	6.57	52.9	7.86	58.4	8.53	63.9	9.23	74.8	10.7	85.3	12.1
	12	33.5	5.74	41.8	6.65	52.9	7.96	58.4	8.65	63.9	9.36	74.8	10.8	85.3	12.3
	14	33.5	5.80	41.8	6.72	52.9	8.07	58.4	8.77	63.9	9.50	74.8	11.0	85.3	12.6
	16	33.5	5.86	41.8	6.81	52.9	8.18	58.4	8.90	63.9	9.65	74.8	11.2	85.3	12.8
	18	33.5	5.92	41.8	6.89	52.9	8.30	58.4	9.04	63.9	9.80	74.8	11.4	85.3	13.0
	20	33.5	5.99	41.8	6.98	52.9	8.42	58.4	9.17	63.9	9.96	74.8	11.6	85.3	13.2
	21	33.5	6.02	41.8	7.02	52.9	8.49	58.4	9.25	63.9	10.0	74.8	11.7	85.3	13.4
	23	33.5	6.09	41.8	7.12	52.9	8.61	58.4	9.39	63.9	10.2	74.8	11.9	85.3	13.6
	25	33.5	6.17	41.8	7.22	52.9	8.75	58.4	9.55	63.9	10.4	74.8	12.1	85.3	14.2
	27	33.5	6.24	41.8	7.32	52.9	8.93	58.4	9.85	63.9	10.8	74.8	12.9	85.3	15.1
	29	33.5	6.38	41.8	7.61	52.9	9.45	58.4	10.4	63.9	11.5	74.8	13.7	85.3	16.0
	31	33.5	6.72	41.8	8.02	52.9	9.99	58.4	11.0	63.9	12.2	74.8	14.5	85.3	17.0
	33	33.5	7.06	41.8	8.46	52.9	10.6	58.4	11.7	63.9	12.9	74.8	15.4	85.3	18.1
	35	33.5	7.42	41.8	8.90	52.9	11.1	58.4	12.3	63.9	13.6	74.8	16.3	85.3	19.2
	37	33.5	7.79	41.8	9.37	52.9	11.8	58.4	13.0	63.9	14.4	74.8	17.3	85.3	20.3
	39	33.5	8.18	41.8	9.86	52.9	12.4	58.4	13.8	63.9	15.2	74.8	18.3	85.3	21.6

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ56TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1820)	10	90.6	13.1	113	16.5	143	21.6	158	24.1	173	26.8	196	30.5	202	29.2
	12	90.6	13.3	113	16.8	143	22.0	158	24.6	173	27.3	194	30.3	199	29.0
	14	90.6	13.6	113	17.1	143	22.4	158	25.1	173	27.8	191	30.2	197	29.2
	16	90.6	13.8	113	17.5	143	22.8	158	25.6	173	28.4	189	30.4	194	30.7
	18	90.6	14.0	113	17.8	143	23.3	158	26.1	173	29.2	186	32.0	192	32.3
	20	90.6	14.3	113	18.1	143	23.8	158	27.5	173	31.4	184	33.5	189	33.9
	21	90.6	14.4	113	18.3	143	24.7	158	28.5	173	32.5	182	34.3	188	34.7
	23	90.6	14.7	113	19.1	143	26.4	158	30.5	173	34.9	180	35.9	185	36.3
	25	90.6	15.3	113	20.4	143	28.3	158	32.7	172	37.0	177	37.4	183	37.9
	27	90.6	16.3	113	21.7	143	30.2	158	34.9	169	38.6	175	39.0	180	39.5
	29	90.6	17.4	113	23.1	143	32.3	158	37.3	167	40.1	172	40.6	178	41.1
	31	90.6	18.5	113	24.6	143	34.4	158	39.8	164	41.7	170	42.2	175	42.7
	33	90.6	19.6	113	26.2	143	36.7	158	42.5	162	43.3	167	43.8	172	44.3
	35	90.6	20.8	113	27.9	143	39.1	156	44.5	159	44.8	165	45.4	170	46.0
	37	90.6	22.1	113	29.6	143	41.7	154	46.1	157	46.4	162	47.0	167	47.6
	39	90.6	23.4	113	31.5	143	44.4	151	47.7	154	48.0	160	48.6	165	49.3
120% (1680)	10	83.6	12.1	104	15.2	132	19.7	146	22.0	159	24.4	187	29.3	198	30.0
	12	83.6	12.3	104	15.4	132	20.0	146	22.4	159	24.9	187	29.9	196	29.8
	14	83.6	12.5	104	15.7	132	20.4	146	22.9	159	25.4	187	30.4	193	29.7
	16	83.6	12.7	104	16.0	132	20.8	146	23.3	159	25.9	186	30.8	191	30.5
	18	83.6	12.9	104	16.3	132	21.2	146	23.8	159	26.4	183	31.8	188	32.1
	20	83.6	13.2	104	16.6	132	21.6	146	24.5	159	27.9	181	33.3	186	33.7
	21	83.6	13.3	104	16.8	132	22.1	146	25.3	159	28.9	179	34.1	184	34.4
	23	83.6	13.5	104	17.2	132	23.6	146	27.1	159	31.0	177	35.7	182	36.0
	25	83.6	13.9	104	18.3	132	25.2	146	29.0	159	33.1	174	37.2	179	37.6
	27	83.6	14.8	104	19.5	132	26.9	146	31.0	159	35.4	172	38.8	177	39.2
	29	83.6	15.8	104	20.8	132	28.8	146	33.1	159	37.9	169	40.3	174	40.8
	31	83.6	16.7	104	22.1	132	30.7	146	35.4	159	40.4	167	41.9	172	42.4
	33	83.6	17.7	104	23.5	132	32.7	146	37.7	159	43.0	164	43.5	169	44.0
	35	83.6	18.8	104	25.0	132	34.8	146	40.2	157	44.6	162	45.1	167	45.6
	37	83.6	19.9	104	26.6	132	37.0	146	42.8	154	46.1	159	46.7	164	47.2
	39	83.6	21.1	104	28.2	132	39.4	146	45.6	152	47.7	157	48.3	162	48.9
110% (1540)	10	76.6	11.1	95.5	13.8	121	17.9	134	19.9	146	22.1	171	26.5	195	30.8
	12	76.6	11.3	95.5	14.1	121	18.2	134	20.3	146	22.5	171	27.0	193	30.7
	14	76.6	11.5	95.5	14.3	121	18.5	134	20.7	146	22.9	171	27.5	190	30.5
	16	76.6	11.7	95.5	14.6	121	18.9	134	21.1	146	23.4	171	28.0	187	30.4
	18	76.6	11.9	95.5	14.8	121	19.2	134	21.5	146	23.8	171	28.8	185	31.9
	20	76.6	12.1	95.5	15.1	121	19.6	134	21.9	146	24.6	171	30.9	182	33.4
	21	76.6	12.2	95.5	15.3	121	19.8	134	22.4	146	25.4	171	32.1	181	34.2
	23	76.6	12.4	95.5	15.5	121	20.9	134	24.0	146	27.3	171	34.4	179	35.8
	25	76.6	12.6	95.5	16.4	121	22.4	134	25.6	146	29.2	171	36.8	176	37.3
	27	76.6	13.4	95.5	17.5	121	23.9	134	27.4	146	31.2	169	38.5	173	38.9
	29	76.6	14.2	95.5	18.6	121	25.4	134	29.2	146	33.3	166	40.1	171	40.5
	31	76.6	15.1	95.5	19.8	121	27.1	134	31.2	146	35.5	164	41.7	168	42.1
	33	76.6	16.0	95.5	21.0	121	28.9	134	33.2	146	37.9	161	43.2	166	43.7
	35	76.6	16.9	95.5	22.3	121	30.7	134	35.4	146	40.4	159	44.8	163	45.3
	37	76.6	17.9	95.5	23.7	121	32.7	134	37.7	146	43.0	156	46.4	161	46.9
	39	76.6	19.0	95.5	25.1	121	34.8	134	40.1	146	45.8	154	48.0	158	48.5
100% (1400)	10	69.7	10.2	86.9	12.6	110	16.1	121	17.9	133	19.8	156	23.7	177	27.6
	12	69.7	10.3	86.9	12.8	110	16.4	121	18.2	133	20.2	156	24.2	177	28.1
	14	69.7	10.5	86.9	13.0	110	16.7	121	18.6	133	20.6	156	24.6	177	28.7
	16	69.7	10.6	86.9	13.2	110	17.0	121	18.9	133	21.0	156	25.1	177	29.2
	18	69.7	10.8	86.9	13.4	110	17.3	121	19.3	133	21.4	156	25.6	177	30.4
	20	69.7	11.0	86.9	13.7	110	17.6	121	19.7	133	21.8	156	26.9	177	32.7
	21	69.7	11.1	86.9	13.8	110	17.8	121	19.9	133	22.2	156	27.8	177	33.8
	23	69.7	11.3	86.9	14.1	110	18.4	121	21.0	133	23.8	156	29.8	175	35.5
	25	69.7	11.5	86.9	14.6	110	19.7	121	22.5	133	25.5	156	31.9	173	37.1
	27	69.7	12.0	86.9	15.5	110	21.0	121	24.0	133	27.2	156	34.1	170	38.6
	29	69.7	12.8	86.9	16.5	110	22.4	121	25.6	133	29.0	156	36.5	168	40.2
	31	69.7	13.5	86.9	17.5	110	23.8	121	27.2	133	30.9	156	38.9	165	41.8
	33	69.7	14.3	86.9	18.6	110	25.3	121	29.0	133	33.0	156	41.6	163	43.3
	35	69.7	15.2	86.9	19.7	110	26.9	121	30.9	133	35.1	156	44.3	160	44.9
	37	69.7	16.0	86.9	20.9	110	28.6	121	32.8	133	37.4	153	46.1	157	46.5
	39	69.7	17.0	86.9	22.2	110	30.4	121	34.9	133	39.8	151	47.6	155	48.1
90% (1260)	10	62.7	9.26	78.2	11.3	99.1	14.4	109	16.0	120	17.6	140	21.0	160	24.4
	12	62.7	9.39	78.2	11.5	99.1	14.6	109	16.3	120	17.9	140	21.4	160	24.9
	14	62.7	9.53	78.2	11.7	99.1	14.9	109	16.5	120	18.3	140	21.8	160	25.4
	16	62.7	9.67	78.2	11.9	99.1	15.1	109	16.8	120	18.6	140	22.2	160	25.9
	18	62.7	9.82	78.2	12.1	99.1	15.4	109	17.2	120	19.0	140	22.7	160	26.4
	20	62.7	9.97	78.2	12.3	99.1	15.7	109	17.5	120	19.3	140	23.1	160	27.9
	21	62.7	10.1	78.2	12.4	99.1	15.9	109	17.7	120	19.5	140	23.9	160	28.9
	23	62.7	10.2	78.2	12.6	99.1	16.2	109	18.3	120	20.6	140	25.6	160	31.0
	25	62.7	10.4	78.2	12.9	99.1	17.2	109	19.5	120	22.0	140	27.4	160	33.2
	27	62.7	10.8	78.2	13.7	99.1	18.3	109	20.8	120	23.5	140	29.3	160	35.5
	29	62.7	11.4	78.2	14.5	99.1	19.5	109	22.1	120	25.0	140	31.2	160	37.9
	31	62.7	12.1	78.2	15.4	99.1	20.7	109	23.6	120	26.7	140	33.3	160	40.5
	33	62.7	12.8	78.2	16.4	99.1	22.0	109	25.1	120	28.4	140	35.5	159	43.0
	35	62.7	13.5	78.2	17.3	99.1	23.4	109	26.7	120	30.2	140	37.9	157	44.6
	37	62.7	14.3	78.2	18.4	99.1	24.8	109	28.3	120	32.1	140	40.3	154	46.2
	39	62.7	15.1	78.2	19.5	99.1	26.3	109	30.1	120	34.2	140	42.9	152	47.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1120)	10	55.7	8.39	69.5	10.1	88.1	12.7	97.2	14.1	106	15.5	124	18.4	142	21.4
	12	55.7	8.50	69.5	10.3	88.1	12.9	97.2	14.3	106	15.8	124	18.7	142	21.8
	14	55.7	8.61	69.5	10.5	88.1	13.2	97.2	14.6	106	16.1	124	19.1	142	22.2
	16	55.7	8.74	69.5	10.6	88.1	13.4	97.2	14.8	106	16.3	124	19.5	142	22.6
	18	55.7	8.86	69.5	10.8	88.1	13.6	97.2	15.1	106	16.7	124	19.8	142	23.0
	20	55.7	8.99	69.5	11.0	88.1	13.9	97.2	15.4	106	17.0	124	20.2	142	23.6
	21	55.7	9.06	69.5	11.1	88.1	14.0	97.2	15.5	106	17.1	124	20.4	142	24.4
	23	55.7	9.20	69.5	11.2	88.1	14.3	97.2	15.8	106	17.6	124	21.7	142	26.1
	25	55.7	9.34	69.5	11.4	88.1	14.8	97.2	16.8	106	18.8	124	23.2	142	27.9
	27	55.7	9.55	69.5	12.0	88.1	15.8	97.2	17.8	106	20.0	124	24.8	142	29.9
	29	55.7	10.1	69.5	12.7	88.1	16.8	97.2	19.0	106	21.3	124	26.4	142	31.9
	31	55.7	10.7	69.5	13.5	88.1	17.8	97.2	20.2	106	22.7	124	28.2	142	34.0
	33	55.7	11.3	69.5	14.3	88.1	18.9	97.2	21.5	106	24.2	124	30.0	142	36.2
	35	55.7	11.9	69.5	15.1	88.1	20.1	97.2	22.8	106	25.7	124	31.9	142	38.6
	37	55.7	12.6	69.5	16.0	88.1	21.3	97.2	24.2	106	27.3	124	34.0	142	41.1
	39	55.7	13.3	69.5	16.9	88.1	22.6	97.2	25.7	106	29.0	124	36.1	142	43.8
70% (980)	10	48.8	7.55	60.8	9.02	77.1	11.2	85.0	12.3	93.0	13.5	109	15.9	124	18.4
	12	48.8	7.65	60.8	9.14	77.1	11.4	85.0	12.5	93.0	13.7	109	16.2	124	18.7
	14	48.8	7.74	60.8	9.28	77.1	11.5	85.0	12.7	93.0	13.9	109	16.5	124	19.0
	16	48.8	7.84	60.8	9.41	77.1	11.7	85.0	12.9	93.0	14.2	109	16.8	124	19.4
	18	48.8	7.95	60.8	9.55	77.1	11.9	85.0	13.1	93.0	14.4	109	17.1	124	19.8
	20	48.8	8.06	60.8	9.70	77.1	12.1	85.0	13.4	93.0	14.7	109	17.4	124	20.2
	21	48.8	8.11	60.8	9.78	77.1	12.2	85.0	13.5	93.0	14.8	109	17.6	124	20.4
	23	48.8	8.23	60.8	9.93	77.1	12.4	85.0	13.8	93.0	15.1	109	18.2	124	21.7
	25	48.8	8.35	60.8	10.1	77.1	12.7	85.0	14.2	93.0	15.9	109	19.4	124	23.1
	27	48.8	8.48	60.8	10.4	77.1	13.5	85.0	15.1	93.0	16.9	109	20.7	124	24.7
	29	48.8	8.90	60.8	11.0	77.1	14.3	85.0	16.1	93.0	18.0	109	22.0	124	26.3
	31	48.8	9.40	60.8	11.7	77.1	15.2	85.0	17.1	93.0	19.1	109	23.4	124	28.1
	33	48.8	9.92	60.8	12.3	77.1	16.1	85.0	18.1	93.0	20.3	109	24.9	124	29.9
	35	48.8	10.5	60.8	13.1	77.1	17.0	85.0	19.2	93.0	21.5	109	26.5	124	31.8
	37	48.8	11.0	60.8	13.8	77.1	18.1	85.0	20.4	93.0	22.8	109	28.2	124	33.9
	39	48.8	11.6	60.8	14.6	77.1	19.1	85.0	21.6	93.0	24.2	109	29.9	124	36.0
60% (840)	10	41.8	6.76	52.1	7.95	66.0	9.69	72.9	10.6	79.7	11.6	93.3	13.5	106	15.5
	12	41.8	6.83	52.1	8.05	66.0	9.84	72.9	10.8	79.7	11.7	93.3	13.7	106	15.8
	14	41.8	6.91	52.1	8.16	66.0	9.98	72.9	10.9	79.7	11.9	93.3	14.0	106	16.1
	16	41.8	6.99	52.1	8.27	66.0	10.1	72.9	11.1	79.7	12.1	93.3	14.2	106	16.4
	18	41.8	7.08	52.1	8.38	66.0	10.3	72.9	11.3	79.7	12.3	93.3	14.5	106	16.7
	20	41.8	7.17	52.1	8.50	66.0	10.5	72.9	11.5	79.7	12.5	93.3	14.7	106	17.0
	21	41.8	7.21	52.1	8.56	66.0	10.5	72.9	11.6	79.7	12.7	93.3	14.9	106	17.1
	23	41.8	7.31	52.1	8.69	66.0	10.7	72.9	11.8	79.7	12.9	93.3	15.2	106	17.6
	25	41.8	7.40	52.1	8.82	66.0	10.9	72.9	12.0	79.7	13.2	93.3	15.9	106	18.8
	27	41.8	7.51	52.1	8.96	66.0	11.4	72.9	12.7	79.7	14.0	93.3	17.0	106	20.1
	29	41.8	7.78	52.1	9.47	66.0	12.0	72.9	13.4	79.7	14.9	93.3	18.0	106	21.4
	31	41.8	8.20	52.1	10.0	66.0	12.8	72.9	14.2	79.7	15.8	93.3	19.2	106	22.7
	33	41.8	8.64	52.1	10.6	66.0	13.5	72.9	15.1	79.7	16.8	93.3	20.4	106	24.2
	35	41.8	9.10	52.1	11.1	66.0	14.3	72.9	16.0	79.7	17.8	93.3	21.6	106	25.7
	37	41.8	9.57	52.1	11.8	66.0	15.1	72.9	16.9	79.7	18.8	93.3	22.9	106	27.3
	39	41.8	10.1	52.1	12.4	66.0	16.0	72.9	17.9	79.7	19.9	93.3	24.3	106	29.0
50% (700)	10	34.8	6.00	43.4	6.94	55.0	8.30	60.7	9.01	66.5	9.75	77.8	11.3	88.7	12.8
	12	34.8	6.06	43.4	7.02	55.0	8.41	60.7	9.14	66.5	9.89	77.8	11.5	88.7	13.0
	14	34.8	6.13	43.4	7.10	55.0	8.53	60.7	9.27	66.5	10.0	77.8	11.6	88.7	13.3
	16	34.8	6.19	43.4	7.19	55.0	8.64	60.7	9.40	66.5	10.2	77.8	11.8	88.7	13.5
	18	34.8	6.26	43.4	7.28	55.0	8.77	60.7	9.54	66.5	10.4	77.8	12.0	88.7	13.7
	20	34.8	6.33	43.4	7.37	55.0	8.90	60.7	9.69	66.5	10.5	77.8	12.2	88.7	14.0
	21	34.8	6.36	43.4	7.42	55.0	8.96	60.7	9.77	66.5	10.6	77.8	12.3	88.7	14.1
	23	34.8	6.44	43.4	7.52	55.0	9.10	60.7	9.92	66.5	10.8	77.8	12.6	88.7	14.4
	25	34.8	6.51	43.4	7.62	55.0	9.24	60.7	10.1	66.5	11.0	77.8	12.8	88.7	15.0
	27	34.8	6.59	43.4	7.73	55.0	9.43	60.7	10.4	66.5	11.4	77.8	13.6	88.7	15.9
	29	34.8	6.74	43.4	8.04	55.0	9.98	60.7	11.0	66.5	12.1	77.8	14.5	88.7	16.9
	31	34.8	7.10	43.4	8.47	55.0	10.6	60.7	11.7	66.5	12.8	77.8	15.3	88.7	18.0
	33	34.8	7.46	43.4	8.93	55.0	11.1	60.7	12.3	66.5	13.6	77.8	16.3	88.7	19.1
	35	34.8	7.84	43.4	9.41	55.0	11.8	60.7	13.0	66.5	14.4	77.8	17.2	88.7	20.3
	37	34.8	8.23	43.4	9.90	55.0	12.4	60.7	13.8	66.5	15.2	77.8	18.3	88.7	21.5
	39	34.8	8.64	43.4	10.4	55.0	13.1	60.7	14.5	66.5	16.1	77.8	19.3	88.7	22.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ58TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1885)	10	94.0	13.8	117	17.4	149	22.7	164	25.4	179	28.2	204	32.1	209	30.7
	12	94.0	14.0	117	17.7	149	23.1	164	25.9	179	28.8	201	32.0	207	30.5
	14	94.0	14.3	117	18.1	149	23.6	164	26.4	179	29.3	199	31.8	204	30.7
	16	94.0	14.5	117	18.4	149	24.0	164	26.9	179	29.9	196	32.0	202	32.4
	18	94.0	14.8	117	18.7	149	24.5	164	27.5	179	30.8	193	33.7	199	34.0
	20	94.0	15.0	117	19.1	149	25.1	164	28.9	179	33.1	191	35.3	196	35.7
	21	94.0	15.2	117	19.3	149	26.0	164	30.0	179	34.3	189	36.1	195	36.5
	23	94.0	15.5	117	20.1	149	27.8	164	32.1	179	36.7	187	37.8	192	38.2
	25	94.0	16.2	117	21.4	149	29.8	164	34.4	178	39.0	184	39.4	190	39.9
	27	94.0	17.2	117	22.9	149	31.8	164	36.8	176	40.6	182	41.1	187	41.6
	29	94.0	18.3	117	24.4	149	34.0	164	39.3	173	42.3	179	42.8	184	43.3
	31	94.0	19.4	117	25.9	149	36.3	164	42.0	171	43.9	176	44.4	182	45.0
	33	94.0	20.6	117	27.6	149	38.7	164	44.8	168	45.6	174	46.1	179	46.7
	35	94.0	21.9	117	29.4	149	41.2	162	46.9	165	47.2	171	47.8	176	48.4
	37	94.0	23.2	117	31.2	149	43.9	160	48.6	163	48.9	168	49.5	174	50.1
	39	94.0	24.6	117	33.2	149	46.7	157	50.2	160	50.6	166	51.2	171	51.9
120% (1740)	10	86.8	12.7	108	16.0	137	20.7	151	23.2	166	25.7	194	30.9	206	31.6
	12	86.8	12.9	108	16.3	137	21.1	151	23.6	166	26.2	194	31.4	203	31.4
	14	86.8	13.2	108	16.5	137	21.5	151	24.1	166	26.7	194	32.0	201	31.2
	16	86.8	13.4	108	16.8	137	21.9	151	24.5	166	27.2	193	32.4	198	32.2
	18	86.8	13.6	108	17.2	137	22.4	151	25.0	166	27.8	190	33.5	195	33.8
	20	86.8	13.9	108	17.5	137	22.8	151	25.8	166	29.4	188	35.1	193	35.4
	21	86.8	14.0	108	17.7	137	23.2	151	26.7	166	30.4	186	35.9	191	36.3
	23	86.8	14.2	108	18.1	137	24.9	151	28.6	166	32.6	184	37.6	189	37.9
	25	86.8	14.7	108	19.3	137	26.6	151	30.6	166	34.9	181	39.2	186	39.6
	27	86.8	15.6	108	20.6	137	28.4	151	32.7	166	37.3	178	40.8	184	41.3
	29	86.8	16.6	108	21.9	137	30.3	151	34.9	166	39.9	176	42.5	181	43.0
	31	86.8	17.6	108	23.3	137	32.3	151	37.3	166	42.6	173	44.2	178	44.6
	33	86.8	18.7	108	24.8	137	34.4	151	39.7	165	45.3	171	45.8	176	46.3
	35	86.8	19.8	108	26.3	137	36.6	151	42.3	163	47.0	168	47.5	173	48.0
	37	86.8	21.0	108	28.0	137	39.0	151	45.1	160	48.6	165	49.2	170	49.8
	39	86.8	22.3	108	29.7	137	41.5	151	48.1	157	50.3	163	50.9	168	51.5
110% (1595)	10	79.6	11.7	99.2	14.6	126	18.8	139	21.0	152	23.3	178	27.9	203	32.5
	12	79.6	11.9	99.2	14.8	126	19.2	139	21.4	152	23.7	178	28.4	200	32.3
	14	79.6	12.1	99.2	15.1	126	19.5	139	21.8	152	24.2	178	29.0	197	32.1
	16	79.6	12.3	99.2	15.4	126	19.9	139	22.2	152	24.6	178	29.5	195	32.0
	18	79.6	12.5	99.2	15.6	126	20.3	139	22.6	152	25.1	178	30.3	192	33.6
	20	79.6	12.7	99.2	15.9	126	20.7	139	23.1	152	25.9	178	32.6	189	35.2
	21	79.6	12.8	99.2	16.1	126	20.9	139	23.6	152	26.8	178	33.8	188	36.0
	23	79.6	13.0	99.2	16.4	126	22.1	139	25.3	152	28.7	178	36.2	185	37.7
	25	79.6	13.3	99.2	17.3	126	23.6	139	27.0	152	30.7	178	38.8	183	39.3
	27	79.6	14.1	99.2	18.4	126	25.1	139	28.8	152	32.8	175	40.6	180	41.0
	29	79.6	15.0	99.2	19.6	126	26.8	139	30.8	152	35.1	173	42.2	178	42.6
	31	79.6	15.9	99.2	20.8	126	28.6	139	32.8	152	37.4	170	43.9	175	44.3
	33	79.6	16.8	99.2	22.1	126	30.4	139	35.0	152	39.9	168	45.5	172	46.0
	35	79.6	17.8	99.2	23.5	126	32.4	139	37.3	152	42.5	165	47.2	170	47.7
	37	79.6	18.9	99.2	24.9	126	34.4	139	39.7	152	45.3	162	48.9	167	49.4
	39	79.6	20.0	99.2	26.4	126	36.6	139	42.2	152	48.3	160	50.5	164	51.1
100% (1450)	10	72.3	10.7	90.2	13.2	114	16.9	126	18.9	138	20.9	162	25.0	184	29.1
	12	72.3	10.9	90.2	13.5	114	17.2	126	19.2	138	21.3	162	25.5	184	29.6
	14	72.3	11.0	90.2	13.7	114	17.6	126	19.6	138	21.7	162	25.9	184	30.2
	16	72.3	11.2	90.2	13.9	114	17.9	126	19.9	138	22.1	162	26.5	184	30.8
	18	72.3	11.4	90.2	14.2	114	18.2	126	20.3	138	22.5	162	27.0	184	32.0
	20	72.3	11.6	90.2	14.4	114	18.6	126	20.7	138	23.0	162	28.3	184	34.4
	21	72.3	11.7	90.2	14.5	114	18.7	126	20.9	138	23.4	162	29.3	184	35.6
	23	72.3	11.9	90.2	14.8	114	19.4	126	22.1	138	25.1	162	31.4	182	37.4
	25	72.3	12.1	90.2	15.4	114	20.7	126	23.7	138	26.8	162	33.6	179	39.1
	27	72.3	12.7	90.2	16.3	114	22.1	126	25.3	138	28.6	162	36.0	177	40.7
	29	72.3	13.4	90.2	17.4	114	23.5	126	26.9	138	30.5	162	38.4	174	42.3
	31	72.3	14.2	90.2	18.5	114	25.1	126	28.7	138	32.6	162	41.0	171	44.0
	33	72.3	15.1	90.2	19.6	114	26.7	126	30.5	138	34.7	162	43.8	169	45.6
	35	72.3	16.0	90.2	20.8	114	28.3	126	32.5	138	37.0	162	46.7	166	47.3
	37	72.3	16.9	90.2	22.0	114	30.1	126	34.6	138	39.4	159	48.5	164	49.0
	39	72.3	17.9	90.2	23.4	114	32.0	126	36.8	138	41.9	157	50.2	161	50.7
90% (1305)	10	65.1	9.75	81.2	11.9	103	15.1	114	16.8	124	18.6	145	22.1	166	25.8
	12	65.1	9.89	81.2	12.1	103	15.4	114	17.1	124	18.9	145	22.6	166	26.2
	14	65.1	10.0	81.2	12.3	103	15.7	114	17.4	124	19.2	145	23.0	166	26.7
	16	65.1	10.2	81.2	12.5	103	16.0	114	17.7	124	19.6	145	23.4	166	27.3
	18	65.1	10.3	81.2	12.7	103	16.2	114	18.1	124	20.0	145	23.9	166	27.8
	20	65.1	10.5	81.2	12.9	103	16.6	114	18.4	124	20.4	145	24.4	166	29.4
	21	65.1	10.6	81.2	13.1	103	16.7	114	18.6	124	20.6	145	25.2	166	30.5
	23	65.1	10.8	81.2	13.3	103	17.0	114	19.2	124	21.7	145	27.0	166	32.6
	25	65.1	10.9	81.2	13.6	103	18.1	114	20.5	124	23.2	145	28.9	166	35.0
	27	65.1	11.3	81.2	14.4	103	19.3	114	21.9	124	24.7	145	30.8	166	37.4
	29	65.1	12.0	81.2	15.3	103	20.5	114	23.3	124	26.4	145	32.9	166	39.9
	31	65.1	12.7	81.2	16.3	103	21.8	114	24.8	124	28.1	145	35.1	166	42.7
	33	65.1	13.4	81.2	17.2	103	23.2	114	26.4	124	29.9	145	37.4	165	45.3
	35	65.1	14.2	81.2	18.3	103	24.6	114	28.1	124	31.8	145	39.9	163	47.0
	37	65.1	15.0	81.2	19.4	103	26.1	114	29.8	124	33.8	145	42.5	160	48.6
	39	65.1	15.9	81.2	20.5	103	27.7	114	31.7	124	36.0	145	45.2	157	50.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1160)	10	57.9	8.83	72.2	10.7	91.4	13.4	101	14.8	110	16.3	129	19.4	147	22.5
	12	57.9	8.95	72.2	10.8	91.4	13.6	101	15.1	110	16.6	129	19.7	147	22.9
	14	57.9	9.07	72.2	11.0	91.4	13.9	101	15.4	110	16.9	129	20.1	147	23.3
	16	57.9	9.20	72.2	11.2	91.4	14.1	101	15.6	110	17.2	129	20.5	147	23.8
	18	57.9	9.33	72.2	11.4	91.4	14.4	101	15.9	110	17.5	129	20.9	147	24.3
	20	57.9	9.47	72.2	11.5	91.4	14.6	101	16.2	110	17.9	129	21.3	147	24.8
	21	57.9	9.54	72.2	11.6	91.4	14.7	101	16.4	110	18.0	129	21.5	147	25.7
	23	57.9	9.69	72.2	11.8	91.4	15.0	101	16.7	110	18.6	129	22.9	147	27.5
	25	57.9	9.84	72.2	12.1	91.4	15.6	101	17.6	110	19.8	129	24.5	147	29.4
	27	57.9	10.1	72.2	12.6	91.4	16.6	101	18.8	110	21.1	129	26.1	147	31.4
	29	57.9	10.6	72.2	13.4	91.4	17.7	101	20.0	110	22.5	129	27.8	147	33.6
	31	57.9	11.3	72.2	14.2	91.4	18.8	101	21.3	110	23.9	129	29.7	147	35.8
	33	57.9	11.9	72.2	15.0	91.4	19.9	101	22.6	110	25.4	129	31.6	147	38.2
	35	57.9	12.6	72.2	15.9	91.4	21.1	101	24.0	110	27.0	129	33.6	147	40.7
	37	57.9	13.3	72.2	16.8	91.4	22.4	101	25.5	110	28.7	129	35.8	147	43.3
	39	57.9	14.0	72.2	17.8	91.4	23.8	101	27.0	110	30.5	129	38.1	147	46.1
70% (1015)	10	50.6	7.95	63.1	9.50	80.0	11.8	88.3	13.0	96.6	14.2	113	16.7	129	19.3
	12	50.6	8.05	63.1	9.63	80.0	12.0	88.3	13.2	96.6	14.4	113	17.0	129	19.7
	14	50.6	8.15	63.1	9.77	80.0	12.1	88.3	13.4	96.6	14.7	113	17.3	129	20.1
	16	50.6	8.26	63.1	9.91	80.0	12.3	88.3	13.6	96.6	14.9	113	17.7	129	20.4
	18	50.6	8.37	63.1	10.1	80.0	12.6	88.3	13.8	96.6	15.2	113	18.0	129	20.8
	20	50.6	8.49	63.1	10.2	80.0	12.8	88.3	14.1	96.6	15.5	113	18.3	129	21.2
	21	50.6	8.54	63.1	10.3	80.0	12.9	88.3	14.2	96.6	15.6	113	18.5	129	21.5
	23	50.6	8.67	63.1	10.5	80.0	13.1	88.3	14.5	96.6	15.9	113	19.1	129	22.8
	25	50.6	8.79	63.1	10.6	80.0	13.4	88.3	15.0	96.6	16.7	113	20.4	129	24.4
	27	50.6	8.93	63.1	11.0	80.0	14.2	88.3	15.9	96.6	17.8	113	21.8	129	26.0
	29	50.6	9.38	63.1	11.6	80.0	15.1	88.3	16.9	96.6	18.9	113	23.2	129	27.8
	31	50.6	9.90	63.1	12.3	80.0	16.0	88.3	18.0	96.6	20.1	113	24.7	129	29.6
	33	50.6	10.4	63.1	13.0	80.0	16.9	88.3	19.1	96.6	21.4	113	26.3	129	31.5
	35	50.6	11.0	63.1	13.7	80.0	18.0	88.3	20.2	96.6	22.7	113	27.9	129	33.5
	37	50.6	11.6	63.1	14.5	80.0	19.0	88.3	21.5	96.6	24.1	113	29.7	129	35.7
	39	50.6	12.2	63.1	15.3	80.0	20.1	88.3	22.7	96.6	25.5	113	31.5	129	37.9
60% (870)	10	43.4	7.12	54.1	8.37	68.6	10.2	75.7	11.2	82.8	12.2	96.9	14.2	111	16.3
	12	43.4	7.20	54.1	8.48	68.6	10.4	75.7	11.3	82.8	12.4	96.9	14.5	111	16.6
	14	43.4	7.28	54.1	8.59	68.6	10.5	75.7	11.5	82.8	12.6	96.9	14.7	111	16.9
	16	43.4	7.37	54.1	8.71	68.6	10.7	75.7	11.7	82.8	12.8	96.9	15.0	111	17.2
	18	43.4	7.46	54.1	8.83	68.6	10.8	75.7	11.9	82.8	13.0	96.9	15.2	111	17.6
	20	43.4	7.55	54.1	8.95	68.6	11.0	75.7	12.1	82.8	13.2	96.9	15.5	111	17.9
	21	43.4	7.60	54.1	9.02	68.6	11.1	75.7	12.2	82.8	13.3	96.9	15.7	111	18.1
	23	43.4	7.70	54.1	9.15	68.6	11.3	75.7	12.4	82.8	13.6	96.9	16.0	111	18.6
	25	43.4	7.80	54.1	9.29	68.6	11.5	75.7	12.6	82.8	13.9	96.9	16.8	111	19.8
	27	43.4	7.91	54.1	9.44	68.6	12.0	75.7	13.3	82.8	14.8	96.9	17.9	111	21.1
	29	43.4	8.19	54.1	9.97	68.6	12.7	75.7	14.1	82.8	15.7	96.9	19.0	111	22.5
	31	43.4	8.64	54.1	10.5	68.6	13.4	75.7	15.0	82.8	16.6	96.9	20.2	111	24.0
	33	43.4	9.10	54.1	11.1	68.6	14.2	75.7	15.9	82.8	17.7	96.9	21.4	111	25.5
	35	43.4	9.58	54.1	11.7	68.6	15.0	75.7	16.8	82.8	18.7	96.9	22.8	111	27.1
	37	43.4	10.1	54.1	12.4	68.6	15.9	75.7	17.8	82.8	19.8	96.9	24.2	111	28.8
	39	43.4	10.6	54.1	13.1	68.6	16.8	75.7	18.8	82.8	21.0	96.9	25.6	111	30.6
50% (725)	10	36.2	6.32	45.1	7.31	57.2	8.74	63.1	9.49	69.0	10.3	80.8	11.9	92.1	13.5
	12	36.2	6.39	45.1	7.39	57.2	8.86	63.1	9.62	69.0	10.4	80.8	12.1	92.1	13.7
	14	36.2	6.45	45.1	7.48	57.2	8.98	63.1	9.76	69.0	10.6	80.8	12.3	92.1	14.0
	16	36.2	6.52	45.1	7.57	57.2	9.11	63.1	9.90	69.0	10.7	80.8	12.5	92.1	14.2
	18	36.2	6.59	45.1	7.67	57.2	9.24	63.1	10.1	69.0	10.9	80.8	12.7	92.1	14.5
	20	36.2	6.66	45.1	7.76	57.2	9.37	63.1	10.2	69.0	11.1	80.8	12.9	92.1	14.7
	21	36.2	6.70	45.1	7.81	57.2	9.44	63.1	10.3	69.0	11.2	80.8	13.0	92.1	14.9
	23	36.2	6.78	45.1	7.92	57.2	9.58	63.1	10.5	69.0	11.4	80.8	13.2	92.1	15.1
	25	36.2	6.86	45.1	8.03	57.2	9.73	63.1	10.6	69.0	11.5	80.8	13.5	92.1	15.8
	27	36.2	6.95	45.1	8.14	57.2	9.94	63.1	11.0	69.0	12.0	80.8	14.3	92.1	16.8
	29	36.2	7.10	45.1	8.46	57.2	10.5	63.1	11.6	69.0	12.8	80.8	15.2	92.1	17.8
	31	36.2	7.47	45.1	8.93	57.2	11.1	63.1	12.3	69.0	13.5	80.8	16.2	92.1	18.9
	33	36.2	7.86	45.1	9.41	57.2	11.7	63.1	13.0	69.0	14.3	80.8	17.1	92.1	20.1
	35	36.2	8.26	45.1	9.91	57.2	12.4	63.1	13.7	69.0	15.1	80.8	18.2	92.1	21.3
	37	36.2	8.67	45.1	10.4	57.2	13.1	63.1	14.5	69.0	16.0	80.8	19.2	92.1	22.6
	39	36.2	9.10	45.1	11.0	57.2	13.8	63.1	15.3	69.0	16.9	80.8	20.4	92.1	24.0

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ60TNY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1950)	10	97.5	14.5	122	18.3	154	23.9	170	26.7	186	29.6	211	33.7	217	32.3
	12	97.5	14.7	122	18.6	154	24.3	170	27.2	186	30.2	209	33.6	214	32.1
	14	97.5	15.0	122	19.0	154	24.8	170	27.7	186	30.8	206	33.4	212	32.3
	16	97.5	15.3	122	19.3	154	25.2	170	28.3	186	31.4	203	33.6	209	34.0
	18	97.5	15.5	122	19.7	154	25.7	170	28.8	186	32.3	201	35.4	206	35.7
	20	97.5	15.8	122	20.1	154	26.4	170	30.4	186	34.7	198	37.1	204	37.5
	21	97.5	16.0	122	20.3	154	27.3	170	31.5	186	36.0	196	38.0	202	38.4
	23	97.5	16.3	122	21.1	154	29.3	170	33.8	186	38.6	194	39.7	199	40.1
	25	97.5	17.0	122	22.5	154	31.3	170	36.1	185	41.0	191	41.4	197	41.9
	27	97.5	18.1	122	24.0	154	33.4	170	38.6	182	42.7	188	43.2	194	43.7
	29	97.5	19.2	122	25.6	154	35.7	170	41.3	180	44.4	186	44.9	191	45.4
	31	97.5	20.4	122	27.2	154	38.1	170	44.1	177	46.1	183	46.7	188	47.2
	33	97.5	21.7	122	29.0	154	40.6	170	47.0	174	47.9	180	48.5	186	49.0
	35	97.5	23.0	122	30.8	154	43.3	168	49.3	171	49.6	177	50.2	183	50.9
	37	97.5	24.4	122	32.8	154	46.1	166	51.0	169	51.4	175	52.0	180	52.7
	39	97.5	25.9	122	34.8	154	49.1	163	52.8	166	53.1	172	53.8	178	54.5
120% (1800)	10	90.0	13.4	112	16.8	142	21.8	157	24.4	172	27.0	201	32.4	214	33.2
	12	90.0	13.6	112	17.1	142	22.2	157	24.8	172	27.5	201	33.0	211	33.0
	14	90.0	13.8	112	17.4	142	22.6	157	25.3	172	28.1	201	33.7	208	32.8
	16	90.0	14.1	112	17.7	142	23.0	157	25.8	172	28.6	200	34.1	205	33.8
	18	90.0	14.3	112	18.0	142	23.5	157	26.3	172	29.2	197	35.2	203	35.5
	20	90.0	14.6	112	18.4	142	23.9	157	27.1	172	30.9	195	36.9	200	37.2
	21	90.0	14.7	112	18.5	142	24.4	157	28.0	172	32.0	193	37.7	199	38.1
	23	90.0	15.0	112	19.0	142	26.1	157	30.0	172	34.3	191	39.5	196	39.9
	25	90.0	15.4	112	20.3	142	27.9	157	32.1	172	36.7	188	41.2	193	41.6
	27	90.0	16.4	112	21.6	142	29.8	157	34.3	172	39.2	185	42.9	190	43.4
	29	90.0	17.4	112	23.0	142	31.8	157	36.7	172	41.9	182	44.6	188	45.1
	31	90.0	18.5	112	24.5	142	33.9	157	39.1	172	44.8	180	46.4	185	46.9
	33	90.0	19.6	112	26.0	142	36.1	157	41.7	171	47.6	177	48.1	182	48.7
	35	90.0	20.8	112	27.7	142	38.5	157	44.5	169	49.3	174	49.9	179	50.5
	37	90.0	22.1	112	29.4	142	41.0	157	47.4	166	51.1	171	51.7	177	52.3
	39	90.0	23.4	112	31.2	142	43.6	157	50.5	163	52.8	169	53.5	174	54.1
110% (1650)	10	82.5	12.3	103	15.3	130	19.8	144	22.1	157	24.4	184	29.3	210	34.1
	12	82.5	12.5	103	15.6	130	20.1	144	22.5	157	24.9	184	29.9	207	33.9
	14	82.5	12.7	103	15.9	130	20.5	144	22.9	157	25.4	184	30.4	205	33.8
	16	82.5	12.9	103	16.1	130	20.9	144	23.3	157	25.9	184	31.0	202	33.6
	18	82.5	13.1	103	16.4	130	21.3	144	23.8	157	26.4	184	31.9	199	35.3
	20	82.5	13.3	103	16.7	130	21.7	144	24.3	157	27.2	184	34.2	196	37.0
	21	82.5	13.5	103	16.9	130	21.9	144	24.8	157	28.2	184	35.5	195	37.9
	23	82.5	13.7	103	17.2	130	23.2	144	26.5	157	30.2	184	38.0	192	39.6
	25	82.5	13.9	103	18.1	130	24.7	144	28.4	157	32.3	184	40.7	190	41.3
	27	82.5	14.8	103	19.3	130	26.4	144	30.3	157	34.5	182	42.6	187	43.1
	29	82.5	15.7	103	20.6	130	28.2	144	32.3	157	36.8	179	44.4	184	44.8
	31	82.5	16.7	103	21.9	130	30.0	144	34.5	157	39.3	177	46.1	181	46.6
	33	82.5	17.7	103	23.2	130	31.9	144	36.7	157	41.9	174	47.8	179	48.3
	35	82.5	18.7	103	24.7	130	34.0	144	39.1	157	44.7	171	49.6	176	50.1
	37	82.5	19.8	103	26.2	130	36.2	144	41.7	157	47.6	168	51.3	173	51.9
	39	82.5	21.0	103	27.8	130	38.5	144	44.4	157	50.7	166	53.1	170	53.7
100% (1500)	10	75.0	11.3	93.5	13.9	119	17.8	131	19.8	143	21.9	168	26.3	191	30.6
	12	75.0	11.4	93.5	14.1	119	18.1	131	20.2	143	22.3	168	26.7	191	31.1
	14	75.0	11.6	93.5	14.4	119	18.4	131	20.6	143	22.8	168	27.3	191	31.7
	16	75.0	11.8	93.5	14.6	119	18.8	131	21.0	143	23.2	168	27.8	191	32.4
	18	75.0	12.0	93.5	14.9	119	19.1	131	21.4	143	23.6	168	28.3	191	33.6
	20	75.0	12.2	93.5	15.1	119	19.5	131	21.8	143	24.1	168	29.7	191	36.1
	21	75.0	12.3	93.5	15.3	119	19.7	131	22.0	143	24.6	168	30.8	191	37.5
	23	75.0	12.5	93.5	15.6	119	20.4	131	23.3	143	26.3	168	33.0	189	39.3
	25	75.0	12.7	93.5	16.1	119	21.8	131	24.9	143	28.2	168	35.3	186	41.0
	27	75.0	13.3	93.5	17.2	119	23.2	131	26.5	143	30.1	168	37.8	183	42.7
	29	75.0	14.1	93.5	18.3	119	24.7	131	28.3	143	32.1	168	40.4	181	44.5
	31	75.0	15.0	93.5	19.4	119	26.3	131	30.1	143	34.2	168	43.1	178	46.2
	33	75.0	15.9	93.5	20.6	119	28.0	131	32.1	143	36.5	168	46.0	175	48.0
	35	75.0	16.8	93.5	21.8	119	29.8	131	34.1	143	38.8	168	49.0	172	49.7
	37	75.0	17.7	93.5	23.2	119	31.7	131	36.3	143	41.3	165	51.0	170	51.5
	39	75.0	18.8	93.5	24.5	119	33.6	131	38.6	143	44.0	162	52.7	167	53.2
90% (1350)	10	67.5	10.2	84.2	12.5	107	15.9	118	17.7	129	19.5	151	23.3	172	27.1
	12	67.5	10.4	84.2	12.7	107	16.2	118	18.0	129	19.9	151	23.7	172	27.6
	14	67.5	10.5	84.2	12.9	107	16.5	118	18.3	129	20.2	151	24.1	172	28.1
	16	67.5	10.7	84.2	13.2	107	16.8	118	18.6	129	20.6	151	24.6	172	28.6
	18	67.5	10.9	84.2	13.4	107	17.1	118	19.0	129	21.0	151	25.1	172	29.2
	20	67.5	11.0	84.2	13.6	107	17.4	118	19.4	129	21.4	151	25.6	172	30.9
	21	67.5	11.1	84.2	13.7	107	17.6	118	19.5	129	21.6	151	26.5	172	32.0
	23	67.5	11.3	84.2	14.0	107	17.9	118	20.2	129	22.8	151	28.3	172	34.3
	25	67.5	11.5	84.2	14.3	107	19.0	118	21.6	129	24.3	151	30.3	172	36.7
	27	67.5	11.9	84.2	15.2	107	20.2	118	23.0	129	26.0	151	32.4	172	39.3
	29	67.5	12.6	84.2	16.1	107	21.5	118	24.5	129	27.7	151	34.6	172	42.0
	31	67.5	13.3	84.2	17.1	107	22.9	118	26.1	129	29.5	151	36.9	172	44.8
	33	67.5	14.1	84.2	18.1	107	24.3	118	27.7	129	31.4	151	39.3	171	47.6
	35	67.5	14.9	84.2	19.2	107	25.9	118	29.5	129	33.4	151	41.9	169	49.3
	37	67.5	15.8	84.2	20.3	107	27.5	118	31.4	129	35.5	151	44.6	166	51.1
	39	67.5	16.7	84.2	21.5	107	29.1	118	33.3	129	37.8	151	47.5	163	52.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1200)	10	60.0	9.28	74.8	11.2	94.8	14.1	105	15.6	115	17.2	134	20.4	153	23.6
	12	60.0	9.40	74.8	11.4	94.8	14.3	105	15.9	115	17.5	134	20.7	153	24.1
	14	60.0	9.53	74.8	11.6	94.8	14.6	105	16.1	115	17.8	134	21.1	153	24.5
	16	60.0	9.67	74.8	11.8	94.8	14.8	105	16.4	115	18.1	134	21.5	153	25.0
	18	60.0	9.81	74.8	11.9	94.8	15.1	105	16.7	115	18.4	134	21.9	153	25.5
	20	60.0	9.95	74.8	12.1	94.8	15.4	105	17.0	115	18.8	134	22.4	153	26.1
	21	60.0	10.0	74.8	12.2	94.8	15.5	105	17.2	115	19.0	134	22.6	153	27.0
	23	60.0	10.2	74.8	12.4	94.8	15.8	105	17.5	115	19.5	134	24.0	153	28.9
	25	60.0	10.3	74.8	12.7	94.8	16.4	105	18.5	115	20.8	134	25.7	153	30.9
	27	60.0	10.6	74.8	13.3	94.8	17.5	105	19.7	115	22.2	134	27.4	153	33.0
	29	60.0	11.2	74.8	14.1	94.8	18.6	105	21.0	115	23.6	134	29.2	153	35.3
	31	60.0	11.8	74.8	14.9	94.8	19.7	105	22.3	115	25.1	134	31.2	153	37.6
	33	60.0	12.5	74.8	15.8	94.8	20.9	105	23.7	115	26.7	134	33.2	153	40.1
	35	60.0	13.2	74.8	16.7	94.8	22.2	105	25.2	115	28.4	134	35.3	153	42.7
	37	60.0	13.9	74.8	17.7	94.8	23.6	105	26.8	115	30.2	134	37.6	153	45.5
	39	60.0	14.7	74.8	18.7	94.8	25.0	105	28.4	115	32.1	134	40.0	153	48.5
70% (1050)	10	52.5	8.36	65.5	9.98	83.0	12.4	91.6	13.6	100	14.9	117	17.6	134	20.3
	12	52.5	8.46	65.5	10.1	83.0	12.6	91.6	13.8	100	15.2	117	17.9	134	20.7
	14	52.5	8.57	65.5	10.3	83.0	12.8	91.6	14.1	100	15.4	117	18.2	134	21.1
	16	52.5	8.68	65.5	10.4	83.0	13.0	91.6	14.3	100	15.7	117	18.6	134	21.5
	18	52.5	8.79	65.5	10.6	83.0	13.2	91.6	14.6	100	16.0	117	18.9	134	21.9
	20	52.5	8.91	65.5	10.7	83.0	13.4	91.6	14.8	100	16.3	117	19.3	134	22.3
	21	52.5	8.98	65.5	10.8	83.0	13.5	91.6	14.9	100	16.4	117	19.5	134	22.5
	23	52.5	9.10	65.5	11.0	83.0	13.8	91.6	15.2	100	16.7	117	20.1	134	24.0
	25	52.5	9.24	65.5	11.2	83.0	14.0	91.6	15.7	100	17.6	117	21.5	134	25.6
	27	52.5	9.38	65.5	11.5	83.0	14.9	91.6	16.7	100	18.7	117	22.9	134	27.3
	29	52.5	9.85	65.5	12.2	83.0	15.8	91.6	17.8	100	19.9	117	24.4	134	29.2
	31	52.5	10.4	65.5	12.9	83.0	16.8	91.6	18.9	100	21.1	117	25.9	134	31.1
	33	52.5	11.0	65.5	13.7	83.0	17.8	91.6	20.1	100	22.4	117	27.6	134	33.1
	35	52.5	11.6	65.5	14.4	83.0	18.9	91.6	21.3	100	23.8	117	29.3	134	35.2
	37	52.5	12.2	65.5	15.3	83.0	20.0	91.6	22.5	100	25.3	117	31.2	134	37.5
	39	52.5	12.8	65.5	16.1	83.0	21.2	91.6	23.9	100	26.8	117	33.1	134	39.9
60% (900)	10	45.0	7.48	56.1	8.80	71.1	10.7	78.5	11.7	85.9	12.8	101	15.0	115	17.2
	12	45.0	7.56	56.1	8.91	71.1	10.9	78.5	11.9	85.9	13.0	101	15.2	115	17.5
	14	45.0	7.65	56.1	9.03	71.1	11.0	78.5	12.1	85.9	13.2	101	15.5	115	17.8
	16	45.0	7.74	56.1	9.15	71.1	11.2	78.5	12.3	85.9	13.4	101	15.7	115	18.1
	18	45.0	7.83	56.1	9.27	71.1	11.4	78.5	12.5	85.9	13.6	101	16.0	115	18.4
	20	45.0	7.93	56.1	9.41	71.1	11.6	78.5	12.7	85.9	13.9	101	16.3	115	18.8
	21	45.0	7.98	56.1	9.47	71.1	11.7	78.5	12.8	85.9	14.0	101	16.5	115	19.0
	23	45.0	8.09	56.1	9.61	71.1	11.9	78.5	13.0	85.9	14.3	101	16.8	115	19.5
	25	45.0	8.19	56.1	9.76	71.1	12.1	78.5	13.3	85.9	14.6	101	17.6	115	20.8
	27	45.0	8.31	56.1	9.91	71.1	12.6	78.5	14.0	85.9	15.5	101	18.8	115	22.2
	29	45.0	8.61	56.1	10.5	71.1	13.3	78.5	14.9	85.9	16.5	101	20.0	115	23.6
	31	45.0	9.08	56.1	11.1	71.1	14.1	78.5	15.8	85.9	17.5	101	21.2	115	25.2
	33	45.0	9.56	56.1	11.7	71.1	14.9	78.5	16.7	85.9	18.5	101	22.5	115	26.8
	35	45.0	10.1	56.1	12.3	71.1	15.8	78.5	17.7	85.9	19.7	101	23.9	115	28.4
	37	45.0	10.6	56.1	13.0	71.1	16.7	78.5	18.7	85.9	20.8	101	25.4	115	30.2
	39	45.0	11.1	56.1	13.7	71.1	17.7	78.5	19.8	85.9	22.1	101	26.9	115	32.1
50% (750)	10	37.5	6.64	46.8	7.68	59.3	9.19	65.4	9.97	71.6	10.8	83.8	12.5	95.5	14.2
	12	37.5	6.71	46.8	7.77	59.3	9.31	65.4	10.1	71.6	10.9	83.8	12.7	95.5	14.4
	14	37.5	6.78	46.8	7.86	59.3	9.43	65.4	10.3	71.6	11.1	83.8	12.9	95.5	14.7
	16	37.5	6.85	46.8	7.95	59.3	9.57	65.4	10.4	71.6	11.3	83.8	13.1	95.5	14.9
	18	37.5	6.92	46.8	8.05	59.3	9.70	65.4	10.6	71.6	11.5	83.8	13.3	95.5	15.2
	20	37.5	7.00	46.8	8.16	59.3	9.84	65.4	10.7	71.6	11.6	83.8	13.5	95.5	15.5
	21	37.5	7.04	46.8	8.21	59.3	9.92	65.4	10.8	71.6	11.7	83.8	13.7	95.5	15.6
	23	37.5	7.12	46.8	8.32	59.3	10.1	65.4	11.0	71.6	11.9	83.8	13.9	95.5	15.9
	25	37.5	7.21	46.8	8.43	59.3	10.2	65.4	11.2	71.6	12.1	83.8	14.2	95.5	16.6
	27	37.5	7.30	46.8	8.55	59.3	10.4	65.4	11.5	71.6	12.7	83.8	15.1	95.5	17.6
	29	37.5	7.46	46.8	8.89	59.3	11.0	65.4	12.2	71.6	13.4	83.8	16.0	95.5	18.7
	31	37.5	7.85	46.8	9.38	59.3	11.7	65.4	12.9	71.6	14.2	83.8	17.0	95.5	19.9
	33	37.5	8.26	46.8	9.88	59.3	12.3	65.4	13.7	71.6	15.0	83.8	18.0	95.5	21.1
	35	37.5	8.68	46.8	10.4	59.3	13.0	65.4	14.4	71.6	15.9	83.8	19.1	95.5	22.4
	37	37.5	9.11	46.8	11.0	59.3	13.7	65.4	15.2	71.6	16.8	83.8	20.2	95.5	23.8
	39	37.5	9.56	46.8	11.5	59.3	14.5	65.4	16.1	71.6	17.8	83.8	21.4	95.5	25.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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9.3 Cooling Capacity for Mixed Combination or Only Residential Indoor Units

When only Residential indoor units or *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ6TY1 Cooling capacity (Capacity correction factor: 1.0) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (195)	10	10.6	1.18	13.3	1.50	16.8	1.97	18.6	2.21	20.1	2.40	20.7	2.27	21.3	2.15
	12	10.6	1.20	13.3	1.53	16.8	2.01	18.6	2.25	19.8	2.39	20.4	2.26	21.1	2.18
	14	10.6	1.22	13.3	1.56	16.8	2.05	18.6	2.29	19.5	2.37	20.2	2.28	20.8	2.31
	16	10.6	1.24	13.3	1.59	16.8	2.09	18.6	2.34	19.3	2.37	19.9	2.40	20.6	2.43
	18	10.6	1.27	13.3	1.62	16.8	2.13	18.6	2.45	19.0	2.49	19.7	2.52	20.3	2.55
	20	10.6	1.29	13.3	1.65	16.8	2.27	18.4	2.60	18.8	2.62	19.4	2.65	20.0	2.68
	21	10.6	1.30	13.3	1.67	16.8	2.35	18.3	2.66	18.6	2.68	19.3	2.71	19.9	2.74
	23	10.6	1.33	13.3	1.79	16.8	2.52	18.0	2.78	18.4	2.80	19.0	2.83	19.6	2.87
	25	10.6	1.42	13.3	1.92	16.8	2.70	17.8	2.90	18.1	2.92	18.8	2.96	19.4	3.00
	27	10.6	1.52	13.3	2.05	16.8	2.89	17.5	3.02	17.8	3.04	18.5	3.08	19.1	3.12
	29	10.6	1.62	13.3	2.18	16.8	3.09	17.3	3.15	17.6	3.17	18.2	3.21	18.9	3.25
	31	10.6	1.72	13.3	2.33	16.7	3.25	17.0	3.27	17.3	3.29	18.0	3.34	18.6	3.38
	33	10.6	1.83	13.3	2.48	16.4	3.37	16.7	3.39	17.1	3.42	17.7	3.46	18.3	3.51
	35	10.6	1.94	13.3	2.64	16.2	3.49	16.5	3.52	16.8	3.54	17.5	3.59	18.1	3.64
	37	10.6	2.06	13.3	2.81	15.9	3.61	16.2	3.64	16.5	3.67	17.2	3.72	17.8	3.77
	39	10.6	2.19	13.3	2.99	15.6	3.74	16.0	3.77	16.3	3.79	16.9	3.85	17.6	3.91
120% (180)	10	9.83	1.09	12.3	1.37	15.5	1.80	17.1	2.01	18.7	2.23	20.4	2.34	20.9	2.23
	12	9.83	1.10	12.3	1.40	15.5	1.83	17.1	2.05	18.7	2.28	20.1	2.33	20.7	2.21
	14	9.83	1.12	12.3	1.43	15.5	1.87	17.1	2.09	18.7	2.32	19.8	2.31	20.4	2.29
	16	9.83	1.14	12.3	1.45	15.5	1.90	17.1	2.13	18.7	2.37	19.6	2.39	20.2	2.41
	18	9.83	1.16	12.3	1.48	15.5	1.94	17.1	2.17	18.7	2.48	19.3	2.51	19.9	2.54
	20	9.83	1.18	12.3	1.51	15.5	2.02	17.1	2.33	18.5	2.60	19.1	2.63	19.6	2.66
	21	9.83	1.20	12.3	1.52	15.5	2.09	17.1	2.42	18.3	2.66	18.9	2.69	19.5	2.72
	23	9.83	1.22	12.3	1.61	15.5	2.24	17.1	2.59	18.1	2.78	18.7	2.82	19.2	2.85
	25	9.83	1.29	12.3	1.72	15.5	2.40	17.1	2.78	17.8	2.90	18.4	2.94	19.0	2.97
	27	9.83	1.37	12.3	1.83	15.5	2.56	17.1	2.97	17.6	3.03	18.2	3.06	18.7	3.10
	29	9.83	1.46	12.3	1.95	15.5	2.74	17.0	3.13	17.3	3.15	17.9	3.19	18.5	3.23
	31	9.83	1.55	12.3	2.08	15.5	2.92	16.7	3.25	17.0	3.27	17.6	3.31	18.2	3.35
	33	9.83	1.65	12.3	2.21	15.5	3.12	16.5	3.37	16.8	3.39	17.4	3.44	17.9	3.48
	35	9.83	1.75	12.3	2.35	15.5	3.32	16.2	3.49	16.5	3.52	17.1	3.57	17.7	3.61
	37	9.83	1.85	12.3	2.50	15.5	3.54	16.0	3.62	16.3	3.64	16.9	3.69	17.4	3.74
	39	9.83	1.97	12.3	2.66	15.4	3.72	15.7	3.74	16.0	3.77	16.6	3.82	17.2	3.87
110% (165)	10	9.01	0.99	11.2	1.25	14.2	1.63	15.7	1.82	17.2	2.02	20.0	2.41	20.6	2.30
	12	9.01	1.01	11.2	1.27	14.2	1.66	15.7	1.86	17.2	2.06	19.8	2.39	20.3	2.29
	14	9.01	1.03	11.2	1.29	14.2	1.69	15.7	1.89	17.2	2.10	19.5	2.38	20.0	2.28
	16	9.01	1.04	11.2	1.32	14.2	1.72	15.7	1.93	17.2	2.14	19.2	2.37	19.8	2.39
	18	9.01	1.06	11.2	1.34	14.2	1.75	15.7	1.97	17.2	2.18	19.0	2.49	19.5	2.52
	20	9.01	1.08	11.2	1.37	14.2	1.79	15.7	2.05	17.2	2.34	18.7	2.61	19.2	2.64
	21	9.01	1.09	11.2	1.38	14.2	1.85	15.7	2.13	17.2	2.43	18.6	2.67	19.1	2.70
	23	9.01	1.11	11.2	1.43	14.2	1.98	15.7	2.28	17.2	2.60	18.3	2.80	18.9	2.83
	25	9.01	1.16	11.2	1.53	14.2	2.11	15.7	2.44	17.2	2.79	18.1	2.92	18.6	2.95
	27	9.01	1.23	11.2	1.63	14.2	2.26	15.7	2.61	17.2	2.98	17.8	3.04	18.3	3.07
	29	9.01	1.31	11.2	1.73	14.2	2.41	15.7	2.79	17.0	3.13	17.5	3.16	18.1	3.20
	31	9.01	1.39	11.2	1.85	14.2	2.57	15.7	2.97	16.7	3.25	17.3	3.29	17.8	3.33
	33	9.01	1.47	11.2	1.96	14.2	2.74	15.7	3.17	16.5	3.37	17.0	3.41	17.6	3.45
	35	9.01	1.56	11.2	2.09	14.2	2.92	15.7	3.38	16.2	3.50	16.8	3.54	17.3	3.58
	37	9.01	1.66	11.2	2.22	14.2	3.11	15.7	3.60	16.0	3.62	16.5	3.66	17.0	3.71
	39	9.01	1.76	11.2	2.36	14.2	3.31	15.4	3.72	15.7	3.74	16.2	3.79	16.8	3.84
100% (150)	10	8.19	0.90	10.2	1.13	12.9	1.46	14.3	1.63	15.6	1.81	18.3	2.17	20.2	2.38
	12	8.19	0.92	10.2	1.15	12.9	1.49	14.3	1.66	15.6	1.84	18.3	2.21	19.9	2.37
	14	8.19	0.93	10.2	1.17	12.9	1.52	14.3	1.69	15.6	1.88	18.3	2.25	19.6	2.35
	16	8.19	0.95	10.2	1.19	12.9	1.54	14.3	1.73	15.6	1.92	18.3	2.30	19.4	2.38
	18	8.19	0.96	10.2	1.21	12.9	1.57	14.3	1.76	15.6	1.95	18.3	2.39	19.1	2.50
	20	8.19	0.98	10.2	1.23	12.9	1.60	14.3	1.80	15.6	2.04	18.3	2.57	18.9	2.62
	21	8.19	0.99	10.2	1.25	12.9	1.62	14.3	1.85	15.6	2.11	18.2	2.66	18.7	2.68
	23	8.19	1.01	10.2	1.27	12.9	1.73	14.3	1.99	15.6	2.26	18.0	2.78	18.5	2.80
	25	8.19	1.03	10.2	1.35	12.9	1.85	14.3	2.12	15.6	2.42	17.7	2.90	18.2	2.93
	27	8.19	1.10	10.2	1.44	12.9	1.97	14.3	2.27	15.6	2.59	17.5	3.02	17.9	3.05
	29	8.19	1.17	10.2	1.53	12.9	2.11	14.3	2.42	15.6	2.76	17.2	3.14	17.7	3.17
	31	8.19	1.24	10.2	1.63	12.9	2.24	14.3	2.58	15.6	2.95	16.9	3.26	17.4	3.30
	33	8.19	1.31	10.2	1.73	12.9	2.39	14.3	2.75	15.6	3.15	16.7	3.39	17.2	3.42
	35	8.19	1.39	10.2	1.84	12.9	2.54	14.3	2.93	15.6	3.35	16.4	3.51	16.9	3.55
	37	8.19	1.47	10.2	1.95	12.9	2.71	14.3	3.13	15.6	3.58	16.2	3.64	16.6	3.68
	39	8.19	1.56	10.2	2.07	12.9	2.88	14.3	3.33	15.4	3.72	15.9	3.76	16.4	3.80
90% (135)	10	7.37	0.82	9.19	1.01	11.6	1.30	12.9	1.45	14.1	1.60	16.5	1.92	18.8	2.24
	12	7.37	0.83	9.19	1.03	11.6	1.32	12.9	1.48	14.1	1.63	16.5	1.96	18.8	2.28
	14	7.37	0.84	9.19	1.05	11.6	1.35	12.9	1.50	14.1	1.66	16.5	2.00	18.8	2.32
	16	7.37	0.86	9.19	1.07	11.6	1.37	12.9	1.53	14.1	1.70	16.5	2.03	18.8	2.37
	18	7.37	0.87	9.19	1.08	11.6	1.40	12.9	1.56	14.1	1.73	16.5	2.07	18.7	2.48
	20	7.37	0.88	9.19	1.10	11.6	1.43	12.9	1.59	14.1	1.76	16.5	2.20	18.5	2.60
	21	7.37	0.89	9.19	1.11	11.6	1.44	12.9	1.61	14.1	1.81	16.5	2.28	18.3	2.66
	23	7.37	0.91	9.19	1.13	11.6	1.50	12.9	1.71	14.1	1.94	16.5	2.44	18.1	2.78
	25	7.37	0.92	9.19	1.18	11.6	1.60	12.9	1.83	14.1	2.08	16.5	2.61	17.8	2.90
	27	7.37	0.97	9.19	1.26	11.6	1.71	12.9	1.96	14.1	2.22	16.5	2.79	17.6	3.03
	29	7.37	1.03	9.19	1.34	11.6	1.82	12.9	2.09	14.1	2.37	16.5	2.99	17.3	3.15
	31	7.37	1.09	9.19	1.42	11.6	1.94	12.9	2.22	14.1	2.53	16.5	3.19	17.0	3.27
	33	7.37	1.16	9.19	1.51	11.6	2.06	12.9	2.37	14.1	2.69	16.3	3.36	16.8	3.39
	35	7.37	1.23	9.19	1.60	11.6	2.19	12.9	2.52	14.1	2.87	16.1	3.48	16.5	3.52
	37	7.37	1.30	9.19	1.70	11.6	2.33	12.9	2.68	14.1	3.06	15.8	3.61	16.3	3.64
	39	7.37	1.37	9.19	1.80	11.6	2.48	12.9	2.85	14.1	3.25	15.6	3.73	16.0	3.77

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (120)	10	6.55	0.74	8.17	0.90	10.4	1.15	11.4	1.27	12.5	1.41	14.6	1.68	16.7	1.95
	12	6.55	0.75	8.17	0.92	10.4	1.17	11.4	1.30	12.5	1.43	14.6	1.71	16.7	1.99
	14	6.55	0.76	8.17	0.93	10.4	1.19	11.4	1.32	12.5	1.46	14.6	1.74	16.7	2.03
	16	6.55	0.77	8.17	0.95	10.4	1.21	11.4	1.34	12.5	1.48	14.6	1.78	16.7	2.07
	18	6.55	0.78	8.17	0.96	10.4	1.23	11.4	1.37	12.5	1.51	14.6	1.81	16.7	2.11
	20	6.55	0.79	8.17	0.98	10.4	1.25	11.4	1.40	12.5	1.54	14.6	1.85	16.7	2.24
	21	6.55	0.80	8.17	0.99	10.4	1.26	11.4	1.41	12.5	1.56	14.6	1.92	16.7	2.32
	23	6.55	0.81	8.17	1.00	10.4	1.29	11.4	1.46	12.5	1.65	14.6	2.06	16.7	2.49
	25	6.55	0.83	8.17	1.03	10.4	1.37	11.4	1.56	12.5	1.76	14.6	2.20	16.7	2.67
	27	6.55	0.86	8.17	1.09	10.4	1.46	11.4	1.67	12.5	1.88	14.6	2.35	16.7	2.85
	29	6.55	0.91	8.17	1.16	10.4	1.56	11.4	1.77	12.5	2.01	14.6	2.51	16.7	3.05
	31	6.55	0.96	8.17	1.23	10.4	1.66	11.4	1.89	12.5	2.14	14.6	2.68	16.6	3.24
	33	6.55	1.02	8.17	1.31	10.4	1.76	11.4	2.01	12.5	2.28	14.6	2.85	16.4	3.37
	35	6.55	1.08	8.17	1.39	10.4	1.87	11.4	2.14	12.5	2.42	14.6	3.04	16.1	3.49
	37	6.55	1.14	8.17	1.47	10.4	1.99	11.4	2.27	12.5	2.58	14.6	3.24	15.9	3.61
	39	6.55	1.20	8.17	1.55	10.4	2.11	11.4	2.41	12.5	2.74	14.6	3.45	15.6	3.73
70% (105)	10	5.73	0.66	7.15	0.79	9.06	1.00	9.99	1.10	10.9	1.21	12.8	1.44	14.6	1.67
	12	5.73	0.67	7.15	0.81	9.06	1.01	9.99	1.12	10.9	1.24	12.8	1.47	14.6	1.71
	14	5.73	0.67	7.15	0.82	9.06	1.03	9.99	1.14	10.9	1.26	12.8	1.50	14.6	1.74
	16	5.73	0.68	7.15	0.83	9.06	1.05	9.99	1.16	10.9	1.28	12.8	1.52	14.6	1.77
	18	5.73	0.69	7.15	0.85	9.06	1.07	9.99	1.18	10.9	1.31	12.8	1.55	14.6	1.81
	20	5.73	0.70	7.15	0.86	9.06	1.09	9.99	1.21	10.9	1.33	12.8	1.58	14.6	1.85
	21	5.73	0.71	7.15	0.87	9.06	1.10	9.99	1.22	10.9	1.34	12.8	1.60	14.6	1.91
	23	5.73	0.72	7.15	0.88	9.06	1.12	9.99	1.24	10.9	1.38	12.8	1.70	14.6	2.05
	25	5.73	0.73	7.15	0.90	9.06	1.16	9.99	1.31	10.9	1.47	12.8	1.82	14.6	2.19
	27	5.73	0.75	7.15	0.94	9.06	1.24	9.99	1.40	10.9	1.57	12.8	1.94	14.6	2.34
	29	5.73	0.79	7.15	1.00	9.06	1.32	9.99	1.49	10.9	1.67	12.8	2.07	14.6	2.50
	31	5.73	0.84	7.15	1.06	9.06	1.40	9.99	1.58	10.9	1.78	12.8	2.21	14.6	2.67
	33	5.73	0.88	7.15	1.12	9.06	1.48	9.99	1.68	10.9	1.89	12.8	2.35	14.6	2.84
	35	5.73	0.93	7.15	1.18	9.06	1.57	9.99	1.79	10.9	2.01	12.8	2.50	14.6	3.03
	37	5.73	0.99	7.15	1.25	9.06	1.67	9.99	1.90	10.9	2.14	12.8	2.67	14.6	3.23
	39	5.73	1.04	7.15	1.33	9.06	1.77	9.99	2.01	10.9	2.27	12.8	2.83	14.6	3.44
60% (90)	10	4.91	0.58	6.13	0.69	7.76	0.86	8.57	0.94	9.37	1.03	11.0	1.22	12.5	1.41
	12	4.91	0.59	6.13	0.70	7.76	0.87	8.57	0.96	9.37	1.05	11.0	1.24	12.5	1.43
	14	4.91	0.60	6.13	0.71	7.76	0.89	8.57	0.98	9.37	1.07	11.0	1.26	12.5	1.46
	16	4.91	0.60	6.13	0.72	7.76	0.90	8.57	0.99	9.37	1.09	11.0	1.29	12.5	1.49
	18	4.91	0.61	6.13	0.73	7.76	0.91	8.57	1.01	9.37	1.11	11.0	1.31	12.5	1.51
	20	4.91	0.62	6.13	0.75	7.76	0.93	8.57	1.03	9.37	1.13	11.0	1.33	12.5	1.54
	21	4.91	0.62	6.13	0.75	7.76	0.94	8.57	1.04	9.37	1.14	11.0	1.35	12.5	1.56
	23	4.91	0.63	6.13	0.76	7.76	0.96	8.57	1.06	9.37	1.16	11.0	1.39	12.5	1.65
	25	4.91	0.64	6.13	0.78	7.76	0.97	8.57	1.09	9.37	1.21	11.0	1.48	12.5	1.77
	27	4.91	0.65	6.13	0.80	7.76	1.03	8.57	1.16	9.37	1.29	11.0	1.58	12.5	1.88
	29	4.91	0.68	6.13	0.85	7.76	1.10	8.57	1.23	9.37	1.37	11.0	1.68	12.5	2.01
	31	4.91	0.72	6.13	0.90	7.76	1.16	8.57	1.31	9.37	1.46	11.0	1.79	12.5	2.14
	33	4.91	0.76	6.13	0.95	7.76	1.23	8.57	1.39	9.37	1.55	11.0	1.90	12.5	2.28
	35	4.91	0.80	6.13	1.00	7.76	1.30	8.57	1.47	9.37	1.64	11.0	2.02	12.5	2.43
	37	4.91	0.85	6.13	1.06	7.76	1.38	8.57	1.56	9.37	1.74	11.0	2.15	12.5	2.58
	39	4.91	0.89	6.13	1.12	7.76	1.46	8.57	1.65	9.37	1.85	11.0	2.28	12.5	2.74
50% (75)	10	4.09	0.51	5.10	0.60	6.47	0.73	7.14	0.79	7.81	0.86	9.14	1.01	10.4	1.15
	12	4.09	0.52	5.10	0.61	6.47	0.74	7.14	0.81	7.81	0.88	9.14	1.02	10.4	1.17
	14	4.09	0.52	5.10	0.61	6.47	0.75	7.14	0.82	7.81	0.89	9.14	1.04	10.4	1.20
	16	4.09	0.53	5.10	0.62	6.47	0.76	7.14	0.83	7.81	0.91	9.14	1.06	10.4	1.22
	18	4.09	0.54	5.10	0.63	6.47	0.77	7.14	0.84	7.81	0.92	9.14	1.08	10.4	1.24
	20	4.09	0.54	5.10	0.64	6.47	0.78	7.14	0.86	7.81	0.94	9.14	1.10	10.4	1.26
	21	4.09	0.55	5.10	0.64	6.47	0.79	7.14	0.87	7.81	0.94	9.14	1.11	10.4	1.27
	23	4.09	0.55	5.10	0.65	6.47	0.80	7.14	0.88	7.81	0.96	9.14	1.13	10.4	1.30
	25	4.09	0.56	5.10	0.66	6.47	0.82	7.14	0.90	7.81	0.98	9.14	1.18	10.4	1.39
	27	4.09	0.57	5.10	0.67	6.47	0.85	7.14	0.94	7.81	1.04	9.14	1.25	10.4	1.48
	29	4.09	0.59	5.10	0.71	6.47	0.90	7.14	1.00	7.81	1.10	9.14	1.33	10.4	1.57
	31	4.09	0.62	5.10	0.75	6.47	0.95	7.14	1.06	7.81	1.17	9.14	1.41	10.4	1.67
	33	4.09	0.65	5.10	0.79	6.47	1.00	7.14	1.12	7.81	1.24	9.14	1.50	10.4	1.78
	35	4.09	0.68	5.10	0.83	6.47	1.06	7.14	1.18	7.81	1.31	9.14	1.59	10.4	1.89
	37	4.09	0.72	5.10	0.88	6.47	1.12	7.14	1.25	7.81	1.39	9.14	1.69	10.4	2.01
	39	4.09	0.76	5.10	0.93	6.47	1.18	7.14	1.32	7.81	1.47	9.14	1.79	10.4	2.13

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ☐ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ6TY1 Cooling capacity (Capacity correction factor: 0.95) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (195)	10	10.1	1.12	12.6	1.42	16.0	1.86	17.6	2.08	19.3	2.31	20.5	2.32	21.1	2.20
	12	10.1	1.14	12.6	1.45	16.0	1.89	17.6	2.12	19.3	2.35	20.2	2.30	20.8	2.19
	14	10.1	1.16	12.6	1.47	16.0	1.93	17.6	2.16	19.3	2.40	20.0	2.29	20.6	2.29
	16	10.1	1.18	12.6	1.50	16.0	1.97	17.6	2.20	19.1	2.40	19.7	2.39	20.3	2.42
	18	10.1	1.20	12.6	1.53	16.0	2.01	17.6	2.27	18.8	2.48	19.4	2.51	20.0	2.54
	20	10.1	1.22	12.6	1.56	16.0	2.11	17.6	2.44	18.6	2.61	19.2	2.64	19.8	2.67
	21	10.1	1.23	12.6	1.57	16.0	2.18	17.6	2.52	18.4	2.67	19.1	2.70	19.6	2.73
	23	10.1	1.26	12.6	1.67	16.0	2.34	17.6	2.71	18.2	2.79	18.8	2.82	19.4	2.86
	25	10.1	1.33	12.6	1.78	16.0	2.50	17.6	2.89	17.9	2.91	18.5	2.95	19.1	2.98
	27	10.1	1.42	12.6	1.90	16.0	2.67	17.3	3.01	17.7	3.03	18.3	3.07	18.9	3.11
	29	10.1	1.51	12.6	2.03	16.0	2.86	17.1	3.13	17.4	3.15	18.0	3.20	18.6	3.24
	31	10.1	1.61	12.6	2.16	16.0	3.05	16.8	3.26	17.1	3.28	17.8	3.32	18.3	3.36
	33	10.1	1.71	12.6	2.30	16.0	3.25	16.6	3.38	16.9	3.40	17.5	3.45	18.1	3.49
	35	10.1	1.81	12.6	2.45	16.0	3.47	16.3	3.50	16.6	3.53	17.2	3.58	17.8	3.62
	37	10.1	1.93	12.6	2.61	15.7	3.60	16.0	3.63	16.4	3.65	17.0	3.70	17.6	3.75
	39	10.1	2.04	12.6	2.77	15.5	3.72	15.8	3.75	16.1	3.78	16.7	3.83	17.3	3.88
120% (180)	10	9.33	1.03	11.6	1.30	14.7	1.69	16.3	1.90	17.8	2.11	20.2	2.38	20.7	2.27
	12	9.33	1.05	11.6	1.32	14.7	1.73	16.3	1.93	17.8	2.15	19.9	2.37	20.4	2.26
	14	9.33	1.06	11.6	1.35	14.7	1.76	16.3	1.97	17.8	2.19	19.6	2.35	20.2	2.28
	16	9.33	1.08	11.6	1.37	14.7	1.79	16.3	2.01	17.8	2.23	19.4	2.38	19.9	2.40
	18	9.33	1.10	11.6	1.40	14.7	1.83	16.3	2.05	17.8	2.30	19.1	2.50	19.7	2.52
	20	9.33	1.12	11.6	1.42	14.7	1.88	16.3	2.16	17.8	2.47	18.9	2.62	19.4	2.65
	21	9.33	1.13	11.6	1.44	14.7	1.94	16.3	2.24	17.8	2.56	18.7	2.68	19.3	2.71
	23	9.33	1.15	11.6	1.50	14.7	2.08	16.3	2.40	17.8	2.75	18.5	2.80	19.0	2.83
	25	9.33	1.21	11.6	1.60	14.7	2.23	16.3	2.57	17.6	2.89	18.2	2.93	18.8	2.96
	27	9.33	1.28	11.6	1.71	14.7	2.38	16.3	2.75	17.4	3.01	17.9	3.05	18.5	3.08
	29	9.33	1.37	11.6	1.82	14.7	2.54	16.3	2.94	17.1	3.14	17.7	3.17	18.2	3.21
	31	9.33	1.45	11.6	1.94	14.7	2.71	16.3	3.14	16.9	3.26	17.4	3.30	18.0	3.34
	33	9.33	1.54	11.6	2.06	14.7	2.89	16.3	3.35	16.6	3.38	17.2	3.42	17.7	3.46
	35	9.33	1.64	11.6	2.19	14.7	3.08	16.1	3.48	16.3	3.50	16.9	3.55	17.5	3.59
	37	9.33	1.74	11.6	2.33	14.7	3.28	15.8	3.60	16.1	3.63	16.6	3.68	17.2	3.72
	39	9.33	1.84	11.6	2.48	14.7	3.49	15.5	3.73	15.8	3.75	16.4	3.80	16.9	3.85
110% (165)	10	8.56	0.94	10.7	1.18	13.5	1.53	14.9	1.72	16.3	1.90	19.1	2.28	20.3	2.35
	12	8.56	0.96	10.7	1.20	13.5	1.56	14.9	1.75	16.3	1.94	19.1	2.33	20.1	2.33
	14	8.56	0.97	10.7	1.23	13.5	1.59	14.9	1.78	16.3	1.98	19.1	2.37	19.8	2.32
	16	8.56	0.99	10.7	1.25	13.5	1.62	14.9	1.82	16.3	2.02	19.1	2.41	19.6	2.38
	18	8.56	1.01	10.7	1.27	13.5	1.65	14.9	1.85	16.3	2.06	18.8	2.48	19.3	2.51
	20	8.56	1.03	10.7	1.29	13.5	1.69	14.9	1.91	16.3	2.17	18.5	2.60	19.0	2.63
	21	8.56	1.03	10.7	1.31	13.5	1.72	14.9	1.97	16.3	2.25	18.4	2.66	18.9	2.69
	23	8.56	1.05	10.7	1.34	13.5	1.84	14.9	2.12	16.3	2.41	18.1	2.79	18.6	2.81
	25	8.56	1.09	10.7	1.43	13.5	1.97	14.9	2.26	16.3	2.58	17.9	2.91	18.4	2.94
	27	8.56	1.16	10.7	1.52	13.5	2.10	14.9	2.42	16.3	2.76	17.6	3.03	18.1	3.06
	29	8.56	1.23	10.7	1.62	13.5	2.24	14.9	2.58	16.3	2.95	17.4	3.15	17.9	3.19
	31	8.56	1.30	10.7	1.72	13.5	2.39	14.9	2.76	16.3	3.15	17.1	3.28	17.6	3.31
	33	8.56	1.38	10.7	1.83	13.5	2.54	14.9	2.94	16.3	3.36	16.8	3.40	17.3	3.44
	35	8.56	1.47	10.7	1.95	13.5	2.71	14.9	3.13	16.1	3.48	16.6	3.52	17.1	3.56
	37	8.56	1.55	10.7	2.07	13.5	2.89	14.9	3.34	15.8	3.61	16.3	3.65	16.8	3.69
	39	8.56	1.65	10.7	2.20	13.5	3.07	14.9	3.55	15.5	3.73	16.1	3.77	16.6	3.82
100% (150)	10	7.78	0.86	9.70	1.07	12.3	1.38	13.6	1.54	14.8	1.71	17.4	2.05	19.8	2.38
	12	7.78	0.87	9.70	1.09	12.3	1.40	13.6	1.57	14.8	1.74	17.4	2.08	19.7	2.40
	14	7.78	0.89	9.70	1.11	12.3	1.43	13.6	1.60	14.8	1.77	17.4	2.12	19.4	2.39
	16	7.78	0.90	9.70	1.13	12.3	1.46	13.6	1.63	14.8	1.81	17.4	2.17	19.2	2.38
	18	7.78	0.92	9.70	1.15	12.3	1.49	13.6	1.66	14.8	1.84	17.4	2.22	18.9	2.49
	20	7.78	0.93	9.70	1.17	12.3	1.51	13.6	1.69	14.8	1.89	17.4	2.38	18.7	2.61
	21	7.78	0.94	9.70	1.18	12.3	1.53	13.6	1.73	14.8	1.96	17.4	2.47	18.5	2.67
	23	7.78	0.96	9.70	1.20	12.3	1.61	13.6	1.85	14.8	2.10	17.4	2.64	18.3	2.79
	25	7.78	0.97	9.70	1.27	12.3	1.72	13.6	1.98	14.8	2.25	17.4	2.83	18.0	2.92
	27	7.78	1.03	9.70	1.35	12.3	1.84	13.6	2.11	14.8	2.40	17.3	3.01	17.8	3.04
	29	7.78	1.10	9.70	1.43	12.3	1.96	13.6	2.25	14.8	2.56	17.0	3.13	17.5	3.16
	31	7.78	1.16	9.70	1.52	12.3	2.09	13.6	2.40	14.8	2.73	16.8	3.25	17.2	3.28
	33	7.78	1.23	9.70	1.62	12.3	2.22	13.6	2.56	14.8	2.92	16.5	3.38	17.0	3.41
	35	7.78	1.31	9.70	1.72	12.3	2.37	13.6	2.72	14.8	3.11	16.3	3.50	16.7	3.53
	37	7.78	1.38	9.70	1.82	12.3	2.52	13.6	2.90	14.8	3.31	16.0	3.62	16.5	3.66
	39	7.78	1.47	9.70	1.93	12.3	2.68	13.6	3.09	14.8	3.53	15.7	3.75	16.2	3.79
90% (135)	10	7.00	0.78	8.73	0.96	11.1	1.23	12.2	1.37	13.4	1.51	15.6	1.81	17.8	2.11
	12	7.00	0.79	8.73	0.98	11.1	1.25	12.2	1.39	13.4	1.54	15.6	1.84	17.8	2.15
	14	7.00	0.80	8.73	0.99	11.1	1.27	12.2	1.42	13.4	1.57	15.6	1.88	17.8	2.19
	16	7.00	0.82	8.73	1.01	11.1	1.30	12.2	1.45	13.4	1.60	15.6	1.92	17.8	2.23
	18	7.00	0.83	8.73	1.03	11.1	1.32	12.2	1.47	13.4	1.63	15.6	1.95	17.8	2.30
	20	7.00	0.84	8.73	1.05	11.1	1.35	12.2	1.50	13.4	1.66	15.6	2.04	17.8	2.48
	21	7.00	0.85	8.73	1.06	11.1	1.36	12.2	1.52	13.4	1.69	15.6	2.11	17.8	2.56
	23	7.00	0.86	8.73	1.08	11.1	1.40	12.2	1.60	13.4	1.81	15.6	2.26	17.8	2.75
	25	7.00	0.88	8.73	1.11	11.1	1.50	12.2	1.71	13.4	1.93	15.6	2.42	17.6	2.89
	27	7.00	0.92	8.73	1.18	11.1	1.60	12.2	1.82	13.4	2.06	15.6	2.59	17.4	3.01
	29	7.00	0.98	8.73	1.26	11.1	1.70	12.2	1.94	13.4	2.20	15.6	2.77	17.1	3.14
	31	7.00	1.03	8.73	1.34	11.1	1.81	12.2	2.07	13.4	2.35	15.6	2.95	16.9	3.26
	33	7.00	1.09	8.73	1.42	11.1	1.92	12.2	2.20	13.4	2.50	15.6	3.15	16.6	3.38
	35	7.00	1.16	8.73	1.50	11.1	2.05	12.2	2.34	13.4	2.66	15.6	3.36	16.3	3.51
	37	7.00	1.22	8.73	1.59	11.1	2.17	12.2	2.49	13.4	2.83	15.6	3.58	16.1	3.63
	39	7.00	1.29	8.73	1.69	11.1	2.31	12.2	2.65	13.4	3.02	15.4	3.72	15.8	3.75

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (120)	10	6.22	0.70	7.76	0.86	9.83	1.09	10.9	1.20	11.9	1.33	13.9	1.58	15.8	1.84
	12	6.22	0.71	7.76	0.87	9.83	1.10	10.9	1.23	11.9	1.35	13.9	1.61	15.8	1.87
	14	6.22	0.72	7.76	0.89	9.83	1.12	10.9	1.25	11.9	1.38	13.9	1.64	15.8	1.91
	16	6.22	0.73	7.76	0.90	9.83	1.14	10.9	1.27	11.9	1.40	13.9	1.67	15.8	1.95
	18	6.22	0.75	7.76	0.91	9.83	1.16	10.9	1.29	11.9	1.43	13.9	1.71	15.8	1.99
	20	6.22	0.76	7.76	0.93	9.83	1.19	10.9	1.32	11.9	1.46	13.9	1.74	15.8	2.08
	21	6.22	0.76	7.76	0.94	9.83	1.20	10.9	1.33	11.9	1.47	13.9	1.78	15.8	2.15
	23	6.22	0.77	7.76	0.95	9.83	1.22	10.9	1.37	11.9	1.54	13.9	1.91	15.8	2.31
	25	6.22	0.79	7.76	0.97	9.83	1.29	10.9	1.46	11.9	1.64	13.9	2.04	15.8	2.47
	27	6.22	0.81	7.76	1.03	9.83	1.37	10.9	1.56	11.9	1.75	13.9	2.18	15.8	2.64
	29	6.22	0.86	7.76	1.09	9.83	1.46	10.9	1.66	11.9	1.87	13.9	2.33	15.8	2.82
	31	6.22	0.91	7.76	1.16	9.83	1.55	10.9	1.76	11.9	1.99	13.9	2.48	15.8	3.01
	33	6.22	0.96	7.76	1.23	9.83	1.65	10.9	1.88	11.9	2.12	13.9	2.65	15.8	3.21
	35	6.22	1.02	7.76	1.30	9.83	1.75	10.9	1.99	11.9	2.25	13.9	2.82	15.8	3.43
	37	6.22	1.08	7.76	1.38	9.83	1.86	10.9	2.12	11.9	2.40	13.9	3.00	15.7	3.60
	39	6.22	1.14	7.76	1.46	9.83	1.97	10.9	2.25	11.9	2.55	13.9	3.20	15.5	3.72
70% (105)	10	5.45	0.63	6.79	0.76	8.60	0.95	9.50	1.05	10.4	1.15	12.2	1.36	13.9	1.58
	12	5.45	0.64	6.79	0.77	8.60	0.96	9.50	1.06	10.4	1.17	12.2	1.39	13.9	1.61
	14	5.45	0.65	6.79	0.78	8.60	0.98	9.50	1.08	10.4	1.19	12.2	1.41	13.9	1.64
	16	5.45	0.66	6.79	0.79	8.60	1.00	9.50	1.10	10.4	1.21	12.2	1.44	13.9	1.67
	18	5.45	0.66	6.79	0.81	8.60	1.01	9.50	1.12	10.4	1.23	12.2	1.47	13.9	1.70
	20	5.45	0.67	6.79	0.82	8.60	1.03	9.50	1.14	10.4	1.26	12.2	1.50	13.9	1.74
	21	5.45	0.68	6.79	0.83	8.60	1.04	9.50	1.15	10.4	1.27	12.2	1.51	13.9	1.78
	23	5.45	0.69	6.79	0.84	8.60	1.06	9.50	1.17	10.4	1.29	12.2	1.59	13.9	1.91
	25	5.45	0.70	6.79	0.85	8.60	1.09	9.50	1.23	10.4	1.38	12.2	1.70	13.9	2.04
	27	5.45	0.71	6.79	0.89	8.60	1.16	9.50	1.31	10.4	1.47	12.2	1.81	13.9	2.18
	29	5.45	0.75	6.79	0.94	8.60	1.24	9.50	1.40	10.4	1.57	12.2	1.93	13.9	2.32
	31	5.45	0.80	6.79	1.00	8.60	1.31	9.50	1.48	10.4	1.66	12.2	2.06	13.9	2.48
	33	5.45	0.84	6.79	1.06	8.60	1.39	9.50	1.57	10.4	1.77	12.2	2.19	13.9	2.64
	35	5.45	0.89	6.79	1.12	8.60	1.48	9.50	1.67	10.4	1.88	12.2	2.33	13.9	2.81
	37	5.45	0.94	6.79	1.18	8.60	1.57	9.50	1.77	10.4	2.00	12.2	2.48	13.9	2.99
	39	5.45	0.99	6.79	1.25	8.60	1.66	9.50	1.88	10.4	2.12	12.2	2.63	13.9	3.19
60% (90)	10	4.67	0.56	5.82	0.67	7.37	0.82	8.14	0.90	8.90	0.98	10.4	1.15	11.9	1.33
	12	4.67	0.57	5.82	0.67	7.37	0.83	8.14	0.91	8.90	1.00	10.4	1.17	11.9	1.35
	14	4.67	0.57	5.82	0.68	7.37	0.84	8.14	0.93	8.90	1.01	10.4	1.19	11.9	1.38
	16	4.67	0.58	5.82	0.69	7.37	0.86	8.14	0.94	8.90	1.03	10.4	1.22	11.9	1.40
	18	4.67	0.59	5.82	0.70	7.37	0.87	8.14	0.96	8.90	1.05	10.4	1.24	11.9	1.43
	20	4.67	0.60	5.82	0.71	7.37	0.89	8.14	0.98	8.90	1.07	10.4	1.26	11.9	1.46
	21	4.67	0.60	5.82	0.72	7.37	0.89	8.14	0.98	8.90	1.08	10.4	1.27	11.9	1.47
	23	4.67	0.61	5.82	0.73	7.37	0.91	8.14	1.00	8.90	1.10	10.4	1.30	11.9	1.54
	25	4.67	0.62	5.82	0.74	7.37	0.92	8.14	1.02	8.90	1.14	10.4	1.39	11.9	1.65
	27	4.67	0.63	5.82	0.76	7.37	0.97	8.14	1.09	8.90	1.21	10.4	1.48	11.9	1.76
	29	4.67	0.65	5.82	0.80	7.37	1.03	8.14	1.16	8.90	1.29	10.4	1.57	11.9	1.87
	31	4.67	0.69	5.82	0.85	7.37	1.10	8.14	1.23	8.90	1.37	10.4	1.67	11.9	1.99
	33	4.67	0.73	5.82	0.90	7.37	1.16	8.14	1.30	8.90	1.45	10.4	1.78	11.9	2.12
	35	4.67	0.77	5.82	0.95	7.37	1.23	8.14	1.38	8.90	1.54	10.4	1.89	11.9	2.26
	37	4.67	0.81	5.82	1.00	7.37	1.30	8.14	1.46	8.90	1.63	10.4	2.00	11.9	2.40
	39	4.67	0.85	5.82	1.06	7.37	1.38	8.14	1.55	8.90	1.73	10.4	2.13	11.9	2.55
50% (75)	10	3.89	0.49	4.85	0.58	6.15	0.70	6.78	0.76	7.42	0.82	8.68	0.96	9.90	1.09
	12	3.89	0.50	4.85	0.58	6.15	0.71	6.78	0.77	7.42	0.84	8.68	0.97	9.90	1.11
	14	3.89	0.51	4.85	0.59	6.15	0.72	6.78	0.78	7.42	0.85	8.68	0.99	9.90	1.13
	16	3.89	0.51	4.85	0.60	6.15	0.73	6.78	0.79	7.42	0.86	8.68	1.01	9.90	1.15
	18	3.89	0.52	4.85	0.61	6.15	0.74	6.78	0.81	7.42	0.88	8.68	1.02	9.90	1.17
	20	3.89	0.52	4.85	0.61	6.15	0.75	6.78	0.82	7.42	0.89	8.68	1.04	9.90	1.19
	21	3.89	0.53	4.85	0.62	6.15	0.75	6.78	0.82	7.42	0.90	8.68	1.05	9.90	1.21
	23	3.89	0.53	4.85	0.63	6.15	0.77	6.78	0.84	7.42	0.91	8.68	1.07	9.90	1.23
	25	3.89	0.54	4.85	0.64	6.15	0.78	6.78	0.85	7.42	0.93	8.68	1.11	9.90	1.30
	27	3.89	0.55	4.85	0.65	6.15	0.80	6.78	0.89	7.42	0.98	8.68	1.18	9.90	1.38
	29	3.89	0.56	4.85	0.68	6.15	0.85	6.78	0.94	7.42	1.04	8.68	1.25	9.90	1.47
	31	3.89	0.59	4.85	0.71	6.15	0.90	6.78	1.00	7.42	1.10	8.68	1.33	9.90	1.56
	33	3.89	0.62	4.85	0.75	6.15	0.95	6.78	1.06	7.42	1.17	8.68	1.41	9.90	1.66
	35	3.89	0.66	4.85	0.79	6.15	1.00	6.78	1.12	7.42	1.24	8.68	1.49	9.90	1.77
	37	3.89	0.69	4.85	0.84	6.15	1.06	6.78	1.18	7.42	1.31	8.68	1.58	9.90	1.87
	39	3.89	0.72	4.85	0.88	6.15	1.12	6.78	1.25	7.42	1.39	8.68	1.68	9.90	1.99

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ6TY1 Cooling capacity (Capacity correction factor: 0.90) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (195)	10	9.58	1.06	11.9	1.34	15.1	1.75	16.7	1.96	18.3	2.17	20.3	2.36	20.8	2.25
	12	9.58	1.07	11.9	1.36	15.1	1.78	16.7	1.99	18.3	2.21	20.0	2.35	20.6	2.24
	14	9.58	1.09	11.9	1.39	15.1	1.81	16.7	2.03	18.3	2.25	19.7	2.33	20.3	2.28
	16	9.58	1.11	11.9	1.41	15.1	1.85	16.7	2.07	18.3	2.30	19.5	2.38	20.0	2.41
	18	9.58	1.13	11.9	1.44	15.1	1.88	16.7	2.11	18.3	2.39	19.2	2.50	19.8	2.53
	20	9.58	1.15	11.9	1.47	15.1	1.95	16.7	2.25	18.3	2.57	19.0	2.63	19.5	2.65
	21	9.58	1.16	11.9	1.48	15.1	2.02	16.7	2.33	18.2	2.66	18.8	2.69	19.4	2.72
	23	9.58	1.19	11.9	1.55	15.1	2.16	16.7	2.50	18.0	2.78	18.6	2.81	19.1	2.84
	25	9.58	1.25	11.9	1.66	15.1	2.31	16.7	2.67	17.7	2.90	18.3	2.93	18.9	2.97
	27	9.58	1.33	11.9	1.77	15.1	2.47	16.7	2.86	17.5	3.02	18.0	3.06	18.6	3.09
	29	9.58	1.41	11.9	1.88	15.1	2.64	16.7	3.05	17.2	3.14	17.8	3.18	18.4	3.22
	31	9.58	1.50	11.9	2.01	15.1	2.81	16.7	3.24	16.9	3.26	17.5	3.31	18.1	3.35
	33	9.58	1.59	11.9	2.14	15.1	3.00	16.4	3.37	16.7	3.39	17.3	3.43	17.8	3.47
	35	9.58	1.69	11.9	2.27	15.1	3.20	16.1	3.49	16.4	3.51	17.0	3.56	17.6	3.60
	37	9.58	1.79	11.9	2.42	15.1	3.41	15.9	3.61	16.2	3.64	16.7	3.68	17.3	3.73
	39	9.58	1.90	11.9	2.57	15.1	3.63	15.6	3.74	15.9	3.76	16.5	3.81	17.0	3.86
120% (180)	10	8.84	0.97	11.0	1.23	14.0	1.59	15.4	1.78	16.9	1.98	19.7	2.37	20.5	2.32
	12	8.84	0.99	11.0	1.25	14.0	1.62	15.4	1.82	16.9	2.02	19.7	2.41	20.2	2.31
	14	8.84	1.01	11.0	1.27	14.0	1.65	15.4	1.85	16.9	2.05	19.4	2.39	20.0	2.29
	16	8.84	1.02	11.0	1.29	14.0	1.68	15.4	1.89	16.9	2.09	19.2	2.38	19.7	2.39
	18	8.84	1.04	11.0	1.32	14.0	1.72	15.4	1.92	16.9	2.14	18.9	2.49	19.4	2.51
	20	8.84	1.06	11.0	1.34	14.0	1.75	15.4	2.00	16.9	2.28	18.7	2.61	19.2	2.64
	21	8.84	1.07	11.0	1.35	14.0	1.80	15.4	2.07	16.9	2.36	18.5	2.67	19.0	2.70
	23	8.84	1.09	11.0	1.40	14.0	1.93	15.4	2.22	16.9	2.53	18.3	2.79	18.8	2.82
	25	8.84	1.13	11.0	1.49	14.0	2.06	15.4	2.37	16.9	2.71	18.0	2.91	18.5	2.95
	27	8.84	1.20	11.0	1.59	14.0	2.20	15.4	2.54	16.9	2.90	17.7	3.04	18.3	3.07
	29	8.84	1.28	11.0	1.69	14.0	2.35	15.4	2.71	16.9	3.10	17.5	3.16	18.0	3.20
	31	8.84	1.36	11.0	1.80	14.0	2.50	15.4	2.89	16.7	3.25	17.2	3.28	17.7	3.32
	33	8.84	1.44	11.0	1.92	14.0	2.67	15.4	3.09	16.4	3.37	17.0	3.41	17.5	3.45
	35	8.84	1.53	11.0	2.04	14.0	2.84	15.4	3.29	16.2	3.49	16.7	3.53	17.2	3.57
	37	8.84	1.62	11.0	2.16	14.0	3.03	15.4	3.51	15.9	3.61	16.4	3.66	17.0	3.70
	39	8.84	1.72	11.0	2.30	14.0	3.22	15.4	3.71	15.6	3.74	16.2	3.79	16.7	3.83
110% (165)	10	8.11	0.89	10.1	1.12	12.8	1.44	14.1	1.61	15.5	1.79	18.1	2.15	20.1	2.39
	12	8.11	0.91	10.1	1.14	12.8	1.47	14.1	1.64	15.5	1.82	18.1	2.19	19.9	2.37
	14	8.11	0.92	10.1	1.16	12.8	1.50	14.1	1.68	15.5	1.86	18.1	2.23	19.6	2.36
	16	8.11	0.94	10.1	1.18	12.8	1.53	14.1	1.71	15.5	1.89	18.1	2.27	19.3	2.38
	18	8.11	0.95	10.1	1.20	12.8	1.56	14.1	1.74	15.5	1.93	18.1	2.36	19.1	2.50
	20	8.11	0.97	10.1	1.22	12.8	1.59	14.1	1.78	15.5	2.01	18.1	2.53	18.8	2.62
	21	8.11	0.98	10.1	1.23	12.8	1.60	14.1	1.83	15.5	2.08	18.1	2.62	18.7	2.68
	23	8.11	1.00	10.1	1.26	12.8	1.71	14.1	1.96	15.5	2.23	18.0	2.77	18.4	2.80
	25	8.11	1.02	10.1	1.33	12.8	1.82	14.1	2.09	15.5	2.38	17.7	2.90	18.2	2.92
	27	8.11	1.08	10.1	1.42	12.8	1.95	14.1	2.24	15.5	2.55	17.4	3.02	17.9	3.05
	29	8.11	1.15	10.1	1.51	12.8	2.08	14.1	2.39	15.5	2.72	17.2	3.14	17.6	3.17
	31	8.11	1.22	10.1	1.61	12.8	2.21	14.1	2.55	15.5	2.91	16.9	3.26	17.4	3.30
	33	8.11	1.30	10.1	1.71	12.8	2.36	14.1	2.71	15.5	3.10	16.7	3.39	17.1	3.42
	35	8.11	1.37	10.1	1.81	12.8	2.51	14.1	2.89	15.5	3.30	16.4	3.51	16.9	3.55
	37	8.11	1.45	10.1	1.92	12.8	2.67	14.1	3.08	15.5	3.52	16.1	3.63	16.6	3.67
	39	8.11	1.54	10.1	2.04	12.8	2.84	14.1	3.28	15.4	3.71	15.9	3.76	16.3	3.80
100% (150)	10	7.37	0.82	9.19	1.01	11.6	1.30	12.9	1.45	14.1	1.60	16.5	1.92	18.8	2.24
	12	7.37	0.83	9.19	1.03	11.6	1.32	12.9	1.48	14.1	1.63	16.5	1.96	18.8	2.28
	14	7.37	0.84	9.19	1.05	11.6	1.35	12.9	1.50	14.1	1.66	16.5	2.00	18.8	2.32
	16	7.37	0.86	9.19	1.07	11.6	1.37	12.9	1.53	14.1	1.70	16.5	2.03	18.8	2.37
	18	7.37	0.87	9.19	1.08	11.6	1.40	12.9	1.56	14.1	1.73	16.5	2.07	18.7	2.48
	20	7.37	0.88	9.19	1.10	11.6	1.43	12.9	1.59	14.1	1.76	16.5	2.20	18.5	2.60
	21	7.37	0.89	9.19	1.11	11.6	1.44	12.9	1.61	14.1	1.81	16.5	2.28	18.3	2.66
	23	7.37	0.91	9.19	1.13	11.6	1.50	12.9	1.71	14.1	1.94	16.5	2.44	18.1	2.78
	25	7.37	0.92	9.19	1.18	11.6	1.60	12.9	1.83	14.1	2.08	16.5	2.61	17.8	2.90
	27	7.37	0.97	9.19	1.26	11.6	1.71	12.9	1.96	14.1	2.22	16.5	2.79	17.6	3.03
	29	7.37	1.03	9.19	1.34	11.6	1.82	12.9	2.09	14.1	2.37	16.5	2.99	17.3	3.15
	31	7.37	1.09	9.19	1.42	11.6	1.94	12.9	2.22	14.1	2.53	16.5	3.19	17.0	3.27
	33	7.37	1.16	9.19	1.51	11.6	2.06	12.9	2.37	14.1	2.69	16.3	3.36	16.8	3.39
	35	7.37	1.23	9.19	1.60	11.6	2.19	12.9	2.52	14.1	2.87	16.1	3.48	16.5	3.52
	37	7.37	1.30	9.19	1.70	11.6	2.33	12.9	2.68	14.1	3.06	15.8	3.61	16.3	3.64
	39	7.37	1.37	9.19	1.80	11.6	2.48	12.9	2.85	14.1	3.25	15.6	3.73	16.0	3.77
90% (135)	10	6.63	0.74	8.27	0.91	10.5	1.16	11.6	1.29	12.7	1.43	14.8	1.70	16.9	1.98
	12	6.63	0.75	8.27	0.93	10.5	1.18	11.6	1.31	12.7	1.45	14.8	1.73	16.9	2.02
	14	6.63	0.77	8.27	0.94	10.5	1.20	11.6	1.34	12.7	1.48	14.8	1.77	16.9	2.06
	16	6.63	0.78	8.27	0.96	10.5	1.22	11.6	1.36	12.7	1.51	14.8	1.80	16.9	2.10
	18	6.63	0.79	8.27	0.97	10.5	1.25	11.6	1.39	12.7	1.53	14.8	1.84	16.9	2.14
	20	6.63	0.80	8.27	0.99	10.5	1.27	11.6	1.41	12.7	1.56	14.8	1.89	16.9	2.28
	21	6.63	0.81	8.27	1.00	10.5	1.28	11.6	1.43	12.7	1.58	14.8	1.95	16.9	2.37
	23	6.63	0.82	8.27	1.02	10.5	1.31	11.6	1.49	12.7	1.68	14.8	2.09	16.9	2.54
	25	6.63	0.84	8.27	1.04	10.5	1.40	11.6	1.59	12.7	1.79	14.8	2.24	16.9	2.72
	27	6.63	0.87	8.27	1.11	10.5	1.49	11.6	1.69	12.7	1.91	14.8	2.39	16.9	2.91
	29	6.63	0.92	8.27	1.18	10.5	1.58	11.6	1.80	12.7	2.04	14.8	2.55	16.9	3.11
	31	6.63	0.97	8.27	1.25	10.5	1.68	11.6	1.92	12.7	2.17	14.8	2.73	16.7	3.25
	33	6.63	1.03	8.27	1.33	10.5	1.79	11.6	2.04	12.7	2.32	14.8	2.91	16.4	3.37
	35	6.63	1.09	8.27	1.41	10.5	1.90	11.6	2.17	12.7	2.46	14.8	3.10	16.2	3.49
	37	6.63	1.15	8.27	1.49	10.5	2.02	11.6	2.31	12.7	2.62	14.8	3.30	15.9	3.61
	39	6.63	1.22	8.27	1.58	10.5	2.14	11.6	2.46	12.7	2.79	14.8	3.51	15.6	3.74

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (120)	10	5.90	0.67	7.35	0.82	9.32	1.03	10.3	1.14	11.2	1.25	13.2	1.49	15.0	1.73
	12	5.90	0.68	7.35	0.83	9.32	1.04	10.3	1.16	11.2	1.27	13.2	1.52	15.0	1.76
	14	5.90	0.69	7.35	0.84	9.32	1.06	10.3	1.18	11.2	1.30	13.2	1.54	15.0	1.79
	16	5.90	0.70	7.35	0.85	9.32	1.08	10.3	1.20	11.2	1.32	13.2	1.57	15.0	1.83
	18	5.90	0.71	7.35	0.87	9.32	1.10	10.3	1.22	11.2	1.35	13.2	1.60	15.0	1.87
	20	5.90	0.72	7.35	0.88	9.32	1.12	10.3	1.24	11.2	1.37	13.2	1.64	15.0	1.92
	21	5.90	0.73	7.35	0.89	9.32	1.13	10.3	1.26	11.2	1.39	13.2	1.66	15.0	1.99
	23	5.90	0.74	7.35	0.91	9.32	1.15	10.3	1.28	11.2	1.43	13.2	1.77	15.0	2.13
	25	5.90	0.75	7.35	0.92	9.32	1.20	10.3	1.36	11.2	1.53	13.2	1.89	15.0	2.28
	27	5.90	0.77	7.35	0.97	9.32	1.28	10.3	1.45	11.2	1.63	13.2	2.02	15.0	2.44
	29	5.90	0.81	7.35	1.03	9.32	1.36	10.3	1.54	11.2	1.74	13.2	2.16	15.0	2.61
	31	5.90	0.86	7.35	1.09	9.32	1.45	10.3	1.64	11.2	1.85	13.2	2.30	15.0	2.78
	33	5.90	0.91	7.35	1.16	9.32	1.54	10.3	1.75	11.2	1.97	13.2	2.45	15.0	2.96
	35	5.90	0.96	7.35	1.22	9.32	1.63	10.3	1.85	11.2	2.09	13.2	2.61	15.0	3.16
	37	5.90	1.02	7.35	1.30	9.32	1.73	10.3	1.97	11.2	2.22	13.2	2.78	15.0	3.37
	39	5.90	1.07	7.35	1.37	9.32	1.84	10.3	2.09	11.2	2.36	13.2	2.95	15.0	3.59
70% (105)	10	5.16	0.60	6.43	0.72	8.15	0.90	9.00	0.99	9.84	1.09	11.5	1.28	13.1	1.49
	12	5.16	0.61	6.43	0.73	8.15	0.91	9.00	1.01	9.84	1.11	11.5	1.31	13.1	1.51
	14	5.16	0.62	6.43	0.74	8.15	0.93	9.00	1.02	9.84	1.12	11.5	1.33	13.1	1.54
	16	5.16	0.63	6.43	0.76	8.15	0.94	9.00	1.04	9.84	1.14	11.5	1.36	13.1	1.57
	18	5.16	0.64	6.43	0.77	8.15	0.96	9.00	1.06	9.84	1.17	11.5	1.38	13.1	1.60
	20	5.16	0.65	6.43	0.78	8.15	0.98	9.00	1.08	9.84	1.19	11.5	1.41	13.1	1.63
	21	5.16	0.65	6.43	0.79	8.15	0.99	9.00	1.09	9.84	1.20	11.5	1.42	13.1	1.65
	23	5.16	0.66	6.43	0.80	8.15	1.00	9.00	1.11	9.84	1.22	11.5	1.48	13.1	1.77
	25	5.16	0.67	6.43	0.81	8.15	1.03	9.00	1.15	9.84	1.29	11.5	1.58	13.1	1.89
	27	5.16	0.68	6.43	0.84	8.15	1.09	9.00	1.23	9.84	1.37	11.5	1.68	13.1	2.02
	29	5.16	0.72	6.43	0.89	8.15	1.16	9.00	1.30	9.84	1.46	11.5	1.79	13.1	2.15
	31	5.16	0.76	6.43	0.94	8.15	1.23	9.00	1.39	9.84	1.55	11.5	1.91	13.1	2.29
	33	5.16	0.80	6.43	1.00	8.15	1.30	9.00	1.47	9.84	1.65	11.5	2.03	13.1	2.44
	35	5.16	0.84	6.43	1.05	8.15	1.38	9.00	1.56	9.84	1.75	11.5	2.16	13.1	2.60
	37	5.16	0.89	6.43	1.11	8.15	1.46	9.00	1.66	9.84	1.86	11.5	2.30	13.1	2.77
	39	5.16	0.93	6.43	1.18	8.15	1.55	9.00	1.75	9.84	1.97	11.5	2.44	13.1	2.94
60% (90)	10	4.42	0.54	5.51	0.64	6.99	0.78	7.71	0.85	8.44	0.93	9.87	1.09	11.3	1.25
	12	4.42	0.55	5.51	0.64	6.99	0.79	7.71	0.87	8.44	0.95	9.87	1.11	11.3	1.28
	14	4.42	0.55	5.51	0.65	6.99	0.80	7.71	0.88	8.44	0.96	9.87	1.13	11.3	1.30
	16	4.42	0.56	5.51	0.66	6.99	0.81	7.71	0.89	8.44	0.98	9.87	1.15	11.3	1.32
	18	4.42	0.57	5.51	0.67	6.99	0.83	7.71	0.91	8.44	0.99	9.87	1.17	11.3	1.35
	20	4.42	0.57	5.51	0.68	6.99	0.84	7.71	0.92	8.44	1.01	9.87	1.19	11.3	1.37
	21	4.42	0.58	5.51	0.69	6.99	0.85	7.71	0.93	8.44	1.02	9.87	1.20	11.3	1.39
	23	4.42	0.58	5.51	0.70	6.99	0.86	7.71	0.95	8.44	1.04	9.87	1.22	11.3	1.44
	25	4.42	0.59	5.51	0.71	6.99	0.88	7.71	0.97	8.44	1.07	9.87	1.29	11.3	1.53
	27	4.42	0.60	5.51	0.72	6.99	0.92	7.71	1.02	8.44	1.14	9.87	1.38	11.3	1.63
	29	4.42	0.62	5.51	0.76	6.99	0.97	7.71	1.09	8.44	1.21	9.87	1.47	11.3	1.74
	31	4.42	0.66	5.51	0.81	6.99	1.03	7.71	1.15	8.44	1.28	9.87	1.56	11.3	1.85
	33	4.42	0.69	5.51	0.85	6.99	1.09	7.71	1.22	8.44	1.36	9.87	1.66	11.3	1.97
	35	4.42	0.73	5.51	0.90	6.99	1.16	7.71	1.29	8.44	1.44	9.87	1.76	11.3	2.09
	37	4.42	0.77	5.51	0.95	6.99	1.22	7.71	1.37	8.44	1.53	9.87	1.87	11.3	2.23
	39	4.42	0.81	5.51	1.00	6.99	1.29	7.71	1.45	8.44	1.62	9.87	1.98	11.3	2.37
50% (75)	10	3.68	0.48	4.59	0.55	5.82	0.67	6.43	0.72	7.03	0.78	8.23	0.91	9.38	1.03
	12	3.68	0.48	4.59	0.56	5.82	0.67	6.43	0.73	7.03	0.79	8.23	0.92	9.38	1.05
	14	3.68	0.49	4.59	0.57	5.82	0.68	6.43	0.74	7.03	0.81	8.23	0.94	9.38	1.07
	16	3.68	0.49	4.59	0.57	5.82	0.69	6.43	0.76	7.03	0.82	8.23	0.95	9.38	1.09
	18	3.68	0.50	4.59	0.58	5.82	0.70	6.43	0.77	7.03	0.83	8.23	0.97	9.38	1.11
	20	3.68	0.50	4.59	0.59	5.82	0.71	6.43	0.78	7.03	0.85	8.23	0.99	9.38	1.13
	21	3.68	0.51	4.59	0.59	5.82	0.72	6.43	0.78	7.03	0.85	8.23	0.99	9.38	1.14
	23	3.68	0.51	4.59	0.60	5.82	0.73	6.43	0.80	7.03	0.87	8.23	1.01	9.38	1.16
	25	3.68	0.52	4.59	0.61	5.82	0.74	6.43	0.81	7.03	0.88	8.23	1.04	9.38	1.21
	27	3.68	0.53	4.59	0.62	5.82	0.76	6.43	0.84	7.03	0.92	8.23	1.10	9.38	1.29
	29	3.68	0.54	4.59	0.64	5.82	0.80	6.43	0.89	7.03	0.98	8.23	1.17	9.38	1.37
	31	3.68	0.57	4.59	0.68	5.82	0.85	6.43	0.94	7.03	1.04	8.23	1.24	9.38	1.46
	33	3.68	0.60	4.59	0.72	5.82	0.90	6.43	1.00	7.03	1.10	8.23	1.32	9.38	1.55
	35	3.68	0.63	4.59	0.76	5.82	0.95	6.43	1.05	7.03	1.16	8.23	1.40	9.38	1.65
	37	3.68	0.66	4.59	0.80	5.82	1.00	6.43	1.11	7.03	1.23	8.23	1.48	9.38	1.75
	39	3.68	0.69	4.59	0.84	5.82	1.06	6.43	1.18	7.03	1.30	8.23	1.57	9.38	1.85

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ6TY1 Cooling capacity (Capacity correction factor: 0.85) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (195)	10	9.05	1.00	11.3	1.26	14.3	1.64	15.8	1.83	17.3	2.03	20.0	2.40	20.6	2.30
	12	9.05	1.01	11.3	1.28	14.3	1.67	15.8	1.86	17.3	2.07	19.8	2.39	20.3	2.29
	14	9.05	1.03	11.3	1.30	14.3	1.70	15.8	1.90	17.3	2.11	19.5	2.38	20.0	2.27
	16	9.05	1.05	11.3	1.33	14.3	1.73	15.8	1.94	17.3	2.15	19.3	2.37	19.8	2.40
	18	9.05	1.07	11.3	1.35	14.3	1.76	15.8	1.98	17.3	2.20	19.0	2.49	19.5	2.52
	20	9.05	1.09	11.3	1.38	14.3	1.80	15.8	2.07	17.3	2.36	18.7	2.61	19.3	2.64
	21	9.05	1.10	11.3	1.39	14.3	1.86	15.8	2.14	17.3	2.44	18.6	2.67	19.1	2.70
	23	9.05	1.12	11.3	1.44	14.3	1.99	15.8	2.29	17.3	2.62	18.3	2.80	18.9	2.83
	25	9.05	1.16	11.3	1.54	14.3	2.13	15.8	2.45	17.3	2.81	18.1	2.92	18.6	2.95
	27	9.05	1.24	11.3	1.64	14.3	2.27	15.8	2.62	17.3	3.00	17.8	3.04	18.4	3.08
	29	9.05	1.31	11.3	1.74	14.3	2.43	15.8	2.80	17.0	3.13	17.6	3.17	18.1	3.20
	31	9.05	1.40	11.3	1.86	14.3	2.59	15.8	2.99	16.8	3.25	17.3	3.29	17.8	3.33
	33	9.05	1.48	11.3	1.98	14.3	2.76	15.8	3.19	16.5	3.37	17.0	3.41	17.6	3.45
	35	9.05	1.57	11.3	2.10	14.3	2.94	15.8	3.41	16.2	3.50	16.8	3.54	17.3	3.58
	37	9.05	1.67	11.3	2.23	14.3	3.13	15.7	3.60	16.0	3.62	16.5	3.67	17.1	3.71
	39	9.05	1.77	11.3	2.37	14.3	3.33	15.4	3.72	15.7	3.74	16.3	3.79	16.8	3.84
120% (180)	10	8.35	0.92	10.4	1.15	13.2	1.49	14.6	1.67	15.9	1.85	18.6	2.22	20.2	2.36
	12	8.35	0.94	10.4	1.17	13.2	1.52	14.6	1.70	15.9	1.89	18.6	2.26	20.0	2.35
	14	8.35	0.95	10.4	1.19	13.2	1.55	14.6	1.73	15.9	1.92	18.6	2.31	19.7	2.34
	16	8.35	0.97	10.4	1.22	13.2	1.58	14.6	1.77	15.9	1.96	18.6	2.35	19.5	2.38
	18	8.35	0.98	10.4	1.24	13.2	1.61	14.6	1.80	15.9	2.00	18.6	2.46	19.2	2.50
	20	8.35	1.00	10.4	1.26	13.2	1.64	14.6	1.84	15.9	2.10	18.4	2.60	18.9	2.62
	21	8.35	1.01	10.4	1.27	13.2	1.66	14.6	1.91	15.9	2.17	18.3	2.66	18.8	2.69
	23	8.35	1.03	10.4	1.30	13.2	1.78	14.6	2.04	15.9	2.33	18.1	2.78	18.5	2.81
	25	8.35	1.06	10.4	1.38	13.2	1.90	14.6	2.19	15.9	2.49	17.8	2.90	18.3	2.93
	27	8.35	1.12	10.4	1.47	13.2	2.03	14.6	2.33	15.9	2.66	17.5	3.02	18.0	3.06
	29	8.35	1.19	10.4	1.57	13.2	2.16	14.6	2.49	15.9	2.85	17.3	3.15	17.8	3.18
	31	8.35	1.27	10.4	1.67	13.2	2.31	14.6	2.66	15.9	3.04	17.0	3.27	17.5	3.30
	33	8.35	1.34	10.4	1.78	13.2	2.46	14.6	2.84	15.9	3.24	16.8	3.39	17.2	3.43
	35	8.35	1.42	10.4	1.89	13.2	2.62	14.6	3.02	15.9	3.46	16.5	3.52	17.0	3.56
	37	8.35	1.51	10.4	2.00	13.2	2.79	14.6	3.22	15.7	3.60	16.2	3.64	16.7	3.68
	39	8.35	1.60	10.4	2.13	13.2	2.96	14.6	3.43	15.5	3.72	16.0	3.77	16.5	3.81
110% (165)	10	7.66	0.85	9.55	1.05	12.1	1.36	13.4	1.51	14.6	1.68	17.1	2.01	19.5	2.34
	12	7.66	0.86	9.55	1.07	12.1	1.38	13.4	1.54	14.6	1.71	17.1	2.05	19.5	2.38
	14	7.66	0.87	9.55	1.09	12.1	1.41	13.4	1.57	14.6	1.74	17.1	2.09	19.4	2.40
	16	7.66	0.89	9.55	1.11	12.1	1.43	13.4	1.60	14.6	1.77	17.1	2.13	19.1	2.39
	18	7.66	0.90	9.55	1.13	12.1	1.46	13.4	1.63	14.6	1.81	17.1	2.17	18.9	2.49
	20	7.66	0.92	9.55	1.15	12.1	1.49	13.4	1.66	14.6	1.85	17.1	2.32	18.6	2.61
	21	7.66	0.93	9.55	1.16	12.1	1.50	13.4	1.69	14.6	1.92	17.1	2.41	18.5	2.67
	23	7.66	0.94	9.55	1.18	12.1	1.58	13.4	1.81	14.6	2.05	17.1	2.58	18.2	2.79
	25	7.66	0.96	9.55	1.24	12.1	1.69	13.4	1.93	14.6	2.19	17.1	2.77	18.0	2.91
	27	7.66	1.02	9.55	1.32	12.1	1.80	13.4	2.06	14.6	2.34	17.1	2.96	17.7	3.03
	29	7.66	1.08	9.55	1.40	12.1	1.92	13.4	2.20	14.6	2.50	17.0	3.13	17.4	3.16
	31	7.66	1.14	9.55	1.49	12.1	2.04	13.4	2.35	14.6	2.67	16.7	3.25	17.2	3.28
	33	7.66	1.21	9.55	1.59	12.1	2.17	13.4	2.50	14.6	2.85	16.5	3.37	16.9	3.40
	35	7.66	1.28	9.55	1.68	12.1	2.31	13.4	2.66	14.6	3.03	16.2	3.49	16.7	3.53
	37	7.66	1.36	9.55	1.79	12.1	2.46	13.4	2.83	14.6	3.23	15.9	3.62	16.4	3.65
	39	7.66	1.44	9.55	1.89	12.1	2.62	13.4	3.01	14.6	3.44	15.7	3.74	16.1	3.78
100% (150)	10	6.96	0.78	8.68	0.96	11.0	1.22	12.1	1.36	13.3	1.50	15.5	1.80	17.7	2.09
	12	6.96	0.79	8.68	0.97	11.0	1.24	12.1	1.39	13.3	1.53	15.5	1.83	17.7	2.13
	14	6.96	0.80	8.68	0.99	11.0	1.27	12.1	1.41	13.3	1.56	15.5	1.87	17.7	2.17
	16	6.96	0.81	8.68	1.00	11.0	1.29	12.1	1.44	13.3	1.59	15.5	1.90	17.7	2.22
	18	6.96	0.82	8.68	1.02	11.0	1.31	12.1	1.46	13.3	1.62	15.5	1.94	17.7	2.28
	20	6.96	0.84	8.68	1.04	11.0	1.34	12.1	1.49	13.3	1.65	15.5	2.02	17.7	2.45
	21	6.96	0.84	8.68	1.05	11.0	1.35	12.1	1.51	13.3	1.68	15.5	2.09	17.7	2.54
	23	6.96	0.86	8.68	1.07	11.0	1.39	12.1	1.59	13.3	1.79	15.5	2.24	17.7	2.73
	25	6.96	0.87	8.68	1.10	11.0	1.49	12.1	1.69	13.3	1.92	15.5	2.40	17.6	2.89
	27	6.96	0.91	8.68	1.18	11.0	1.58	12.1	1.81	13.3	2.05	15.5	2.57	17.4	3.01
	29	6.96	0.97	8.68	1.25	11.0	1.69	12.1	1.93	13.3	2.18	15.5	2.74	17.1	3.14
	31	6.96	1.03	8.68	1.33	11.0	1.79	12.1	2.05	13.3	2.33	15.5	2.93	16.8	3.26
	33	6.96	1.09	8.68	1.41	11.0	1.91	12.1	2.18	13.3	2.48	15.5	3.12	16.6	3.38
	35	6.96	1.15	8.68	1.49	11.0	2.03	12.1	2.32	13.3	2.64	15.5	3.33	16.3	3.50
	37	6.96	1.22	8.68	1.58	11.0	2.16	12.1	2.47	13.3	2.81	15.5	3.55	16.1	3.63
	39	6.96	1.29	8.68	1.68	11.0	2.29	12.1	2.63	13.3	2.99	15.4	3.72	15.8	3.75
90% (135)	10	6.26	0.71	7.81	0.86	9.90	1.09	10.9	1.21	12.0	1.34	14.0	1.59	15.9	1.85
	12	6.26	0.72	7.81	0.88	9.90	1.11	10.9	1.23	12.0	1.36	14.0	1.62	15.9	1.89
	14	6.26	0.73	7.81	0.89	9.90	1.13	10.9	1.26	12.0	1.39	14.0	1.65	15.9	1.92
	16	6.26	0.74	7.81	0.91	9.90	1.15	10.9	1.28	12.0	1.41	14.0	1.69	15.9	1.96
	18	6.26	0.75	7.81	0.92	9.90	1.17	10.9	1.30	12.0	1.44	14.0	1.72	15.9	2.00
	20	6.26	0.76	7.81	0.94	9.90	1.19	10.9	1.33	12.0	1.47	14.0	1.75	15.9	2.10
	21	6.26	0.77	7.81	0.94	9.90	1.21	10.9	1.34	12.0	1.48	14.0	1.80	15.9	2.17
	23	6.26	0.78	7.81	0.96	9.90	1.23	10.9	1.38	12.0	1.55	14.0	1.93	15.9	2.33
	25	6.26	0.79	7.81	0.98	9.90	1.30	10.9	1.47	12.0	1.66	14.0	2.06	15.9	2.49
	27	6.26	0.82	7.81	1.04	9.90	1.38	10.9	1.57	12.0	1.77	14.0	2.20	15.9	2.67
	29	6.26	0.87	7.81	1.10	9.90	1.47	10.9	1.67	12.0	1.89	14.0	2.35	15.9	2.85
	31	6.26	0.92	7.81	1.17	9.90	1.56	10.9	1.78	12.0	2.01	14.0	2.51	15.9	3.04
	33	6.26	0.97	7.81	1.24	9.90	1.66	10.9	1.89	12.0	2.14	14.0	2.67	15.9	3.25
	35	6.26	1.02	7.81	1.31	9.90	1.76	10.9	2.01	12.0	2.27	14.0	2.85	15.9	3.46
	37	6.26	1.08	7.81	1.39	9.90	1.87	10.9	2.14	12.0	2.42	14.0	3.03	15.7	3.60
	39	6.26	1.14	7.81	1.47	9.90	1.99	10.9	2.27	12.0	2.57	14.0	3.23	15.5	3.72

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (120)	10	5.57	0.64	6.94	0.77	8.80	0.97	9.71	1.07	10.6	1.18	12.4	1.40	14.2	1.62
	12	5.57	0.65	6.94	0.79	8.80	0.99	9.71	1.09	10.6	1.20	12.4	1.42	14.2	1.65
	14	5.57	0.66	6.94	0.80	8.80	1.00	9.71	1.11	10.6	1.22	12.4	1.45	14.2	1.68
	16	5.57	0.67	6.94	0.81	8.80	1.02	9.71	1.13	10.6	1.24	12.4	1.48	14.2	1.71
	18	5.57	0.68	6.94	0.82	8.80	1.04	9.71	1.15	10.6	1.26	12.4	1.50	14.2	1.75
	20	5.57	0.69	6.94	0.84	8.80	1.06	9.71	1.17	10.6	1.29	12.4	1.53	14.2	1.78
	21	5.57	0.69	6.94	0.84	8.80	1.06	9.71	1.18	10.6	1.30	12.4	1.55	14.2	1.84
	23	5.57	0.70	6.94	0.86	8.80	1.08	9.71	1.20	10.6	1.33	12.4	1.64	14.2	1.97
	25	5.57	0.71	6.94	0.87	8.80	1.12	9.71	1.27	10.6	1.42	12.4	1.75	14.2	2.10
	27	5.57	0.73	6.94	0.91	8.80	1.19	9.71	1.35	10.6	1.51	12.4	1.87	14.2	2.25
	29	5.57	0.77	6.94	0.97	8.80	1.27	9.71	1.44	10.6	1.61	12.4	1.99	14.2	2.40
	31	5.57	0.81	6.94	1.02	8.80	1.35	9.71	1.53	10.6	1.71	12.4	2.12	14.2	2.56
	33	5.57	0.86	6.94	1.08	8.80	1.43	9.71	1.62	10.6	1.82	12.4	2.26	14.2	2.73
	35	5.57	0.91	6.94	1.15	8.80	1.52	9.71	1.72	10.6	1.94	12.4	2.40	14.2	2.90
	37	5.57	0.96	6.94	1.21	8.80	1.61	9.71	1.83	10.6	2.06	12.4	2.56	14.2	3.09
	39	5.57	1.01	6.94	1.28	8.80	1.71	9.71	1.94	10.6	2.18	12.4	2.72	14.2	3.29
70% (105)	10	4.87	0.58	6.07	0.69	7.70	0.85	8.50	0.94	9.30	1.02	10.9	1.21	12.4	1.39
	12	4.87	0.59	6.07	0.70	7.70	0.86	8.50	0.95	9.30	1.04	10.9	1.23	12.4	1.42
	14	4.87	0.59	6.07	0.71	7.70	0.88	8.50	0.97	9.30	1.06	10.9	1.25	12.4	1.45
	16	4.87	0.60	6.07	0.72	7.70	0.89	8.50	0.98	9.30	1.08	10.9	1.27	12.4	1.47
	18	4.87	0.61	6.07	0.73	7.70	0.91	8.50	1.00	9.30	1.10	10.9	1.30	12.4	1.50
	20	4.87	0.62	6.07	0.74	7.70	0.92	8.50	1.02	9.30	1.12	10.9	1.32	12.4	1.53
	21	4.87	0.62	6.07	0.75	7.70	0.93	8.50	1.03	9.30	1.13	10.9	1.33	12.4	1.55
	23	4.87	0.63	6.07	0.76	7.70	0.95	8.50	1.05	9.30	1.15	10.9	1.37	12.4	1.63
	25	4.87	0.64	6.07	0.77	7.70	0.96	8.50	1.08	9.30	1.20	10.9	1.46	12.4	1.74
	27	4.87	0.65	6.07	0.79	7.70	1.02	8.50	1.15	9.30	1.28	10.9	1.56	12.4	1.86
	29	4.87	0.68	6.07	0.84	7.70	1.08	8.50	1.22	9.30	1.36	10.9	1.66	12.4	1.99
	31	4.87	0.72	6.07	0.89	7.70	1.15	8.50	1.29	9.30	1.44	10.9	1.77	12.4	2.12
	33	4.87	0.76	6.07	0.94	7.70	1.22	8.50	1.37	9.30	1.53	10.9	1.88	12.4	2.25
	35	4.87	0.80	6.07	0.99	7.70	1.29	8.50	1.45	9.30	1.63	10.9	2.00	12.4	2.40
	37	4.87	0.84	6.07	1.05	7.70	1.37	8.50	1.54	9.30	1.73	10.9	2.12	12.4	2.55
	39	4.87	0.88	6.07	1.11	7.70	1.45	8.50	1.63	9.30	1.83	10.9	2.26	12.4	2.71
60% (90)	10	4.18	0.52	5.21	0.61	6.60	0.74	7.28	0.81	7.97	0.88	9.32	1.03	10.6	1.18
	12	4.18	0.52	5.21	0.62	6.60	0.75	7.28	0.82	7.97	0.89	9.32	1.05	10.6	1.20
	14	4.18	0.53	5.21	0.62	6.60	0.76	7.28	0.83	7.97	0.91	9.32	1.06	10.6	1.22
	16	4.18	0.54	5.21	0.63	6.60	0.77	7.28	0.85	7.97	0.92	9.32	1.08	10.6	1.24
	18	4.18	0.54	5.21	0.64	6.60	0.79	7.28	0.86	7.97	0.94	9.32	1.10	10.6	1.27
	20	4.18	0.55	5.21	0.65	6.60	0.80	7.28	0.87	7.97	0.95	9.32	1.12	10.6	1.29
	21	4.18	0.55	5.21	0.65	6.60	0.80	7.28	0.88	7.97	0.96	9.32	1.13	10.6	1.30
	23	4.18	0.56	5.21	0.66	6.60	0.82	7.28	0.90	7.97	0.98	9.32	1.15	10.6	1.33
	25	4.18	0.57	5.21	0.67	6.60	0.83	7.28	0.91	7.97	1.00	9.32	1.20	10.6	1.42
	27	4.18	0.58	5.21	0.68	6.60	0.86	7.28	0.96	7.97	1.06	9.32	1.28	10.6	1.52
	29	4.18	0.59	5.21	0.72	6.60	0.91	7.28	1.02	7.97	1.13	9.32	1.36	10.6	1.61
	31	4.18	0.63	5.21	0.76	6.60	0.97	7.28	1.08	7.97	1.20	9.32	1.45	10.6	1.72
	33	4.18	0.66	5.21	0.80	6.60	1.03	7.28	1.14	7.97	1.27	9.32	1.54	10.6	1.82
	35	4.18	0.70	5.21	0.85	6.60	1.08	7.28	1.21	7.97	1.35	9.32	1.63	10.6	1.94
	37	4.18	0.73	5.21	0.90	6.60	1.15	7.28	1.28	7.97	1.42	9.32	1.73	10.6	2.06
	39	4.18	0.77	5.21	0.94	6.60	1.21	7.28	1.36	7.97	1.51	9.32	1.84	10.6	2.19
50% (75)	10	3.48	0.46	4.34	0.53	5.50	0.64	6.07	0.69	6.64	0.74	7.77	0.86	8.86	0.98
	12	3.48	0.47	4.34	0.54	5.50	0.64	6.07	0.70	6.64	0.75	7.77	0.87	8.86	0.99
	14	3.48	0.47	4.34	0.54	5.50	0.65	6.07	0.71	6.64	0.77	7.77	0.89	8.86	1.01
	16	3.48	0.48	4.34	0.55	5.50	0.66	6.07	0.72	6.64	0.78	7.77	0.90	8.86	1.03
	18	3.48	0.48	4.34	0.56	5.50	0.67	6.07	0.73	6.64	0.79	7.77	0.92	8.86	1.04
	20	3.48	0.49	4.34	0.56	5.50	0.68	6.07	0.74	6.64	0.80	7.77	0.93	8.86	1.06
	21	3.48	0.49	4.34	0.57	5.50	0.69	6.07	0.75	6.64	0.81	7.77	0.94	8.86	1.07
	23	3.48	0.49	4.34	0.58	5.50	0.70	6.07	0.76	6.64	0.82	7.77	0.96	8.86	1.09
	25	3.48	0.50	4.34	0.58	5.50	0.71	6.07	0.77	6.64	0.84	7.77	0.97	8.86	1.13
	27	3.48	0.51	4.34	0.59	5.50	0.72	6.07	0.79	6.64	0.87	7.77	1.03	8.86	1.21
	29	3.48	0.52	4.34	0.61	5.50	0.76	6.07	0.84	6.64	0.92	7.77	1.10	8.86	1.28
	31	3.48	0.54	4.34	0.65	5.50	0.80	6.07	0.89	6.64	0.98	7.77	1.16	8.86	1.36
	33	3.48	0.57	4.34	0.68	5.50	0.85	6.07	0.94	6.64	1.03	7.77	1.23	8.86	1.44
	35	3.48	0.60	4.34	0.72	5.50	0.90	6.07	0.99	6.64	1.09	7.77	1.31	8.86	1.53
	37	3.48	0.63	4.34	0.76	5.50	0.95	6.07	1.05	6.64	1.15	7.77	1.38	8.86	1.62
	39	3.48	0.66	4.34	0.79	5.50	1.00	6.07	1.10	6.64	1.22	7.77	1.46	8.86	1.72

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When only Residential indoor units or *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ8TY1 Cooling capacity (Capacity correction factor: 1.0) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (260)	10	14.9	1.69	18.6	2.16	23.5	2.83	26.0	3.17	28.1	3.44	29.0	3.26	29.9	3.09
	12	14.9	1.72	18.6	2.20	23.5	2.88	26.0	3.23	27.7	3.42	28.6	3.24	29.5	3.13
	14	14.9	1.75	18.6	2.24	23.5	2.94	26.0	3.29	27.4	3.41	28.3	3.27	29.1	3.31
	16	14.9	1.79	18.6	2.28	23.5	2.99	26.0	3.36	27.0	3.41	27.9	3.45	28.8	3.49
	18	14.9	1.82	18.6	2.32	23.5	3.05	26.0	3.51	26.6	3.58	27.5	3.62	28.4	3.67
	20	14.9	1.85	18.6	2.37	23.5	3.26	25.8	3.73	26.3	3.75	27.2	3.80	28.0	3.85
	21	14.9	1.87	18.6	2.40	23.5	3.37	25.6	3.82	26.1	3.84	27.0	3.89	27.9	3.94
	23	14.9	1.92	18.6	2.57	23.5	3.62	25.3	3.99	25.7	4.02	26.6	4.07	27.5	4.12
	25	14.9	2.04	18.6	2.75	23.5	3.87	24.9	4.16	25.4	4.19	26.3	4.25	27.1	4.30
	27	14.9	2.18	18.6	2.94	23.5	4.14	24.5	4.34	25.0	4.37	25.9	4.43	26.8	4.48
	29	14.9	2.32	18.6	3.13	23.5	4.43	24.2	4.51	24.6	4.55	25.5	4.61	26.4	4.67
	31	14.9	2.47	18.6	3.34	23.3	4.66	23.8	4.69	24.3	4.72	25.2	4.79	26.0	4.85
	33	14.9	2.62	18.6	3.56	23.0	4.83	23.4	4.87	23.9	4.90	24.8	4.97	25.7	5.04
	35	14.9	2.79	18.6	3.79	22.6	5.01	23.1	5.05	23.5	5.08	24.4	5.16	25.3	5.23
	37	14.9	2.96	18.6	4.03	22.3	5.19	22.7	5.22	23.2	5.26	24.1	5.34	24.9	5.42
	39	14.9	3.14	18.6	4.29	21.9	5.36	22.3	5.40	22.8	5.45	23.7	5.53	24.6	5.61
120% (240)	10	13.8	1.56	17.2	1.97	21.7	2.58	24.0	2.89	26.2	3.21	28.5	3.36	29.3	3.20
	12	13.8	1.58	17.2	2.01	21.7	2.63	24.0	2.94	26.2	3.27	28.1	3.34	29.0	3.18
	14	13.8	1.61	17.2	2.05	21.7	2.68	24.0	3.00	26.2	3.33	27.8	3.32	28.6	3.29
	16	13.8	1.64	17.2	2.08	21.7	2.73	24.0	3.06	26.2	3.40	27.4	3.42	28.2	3.46
	18	13.8	1.67	17.2	2.12	21.7	2.78	24.0	3.12	26.2	3.56	27.1	3.60	27.9	3.64
	20	13.8	1.70	17.2	2.17	21.7	2.90	24.0	3.35	25.9	3.73	26.7	3.78	27.5	3.82
	21	13.8	1.72	17.2	2.19	21.7	3.00	24.0	3.47	25.7	3.82	26.5	3.86	27.3	3.91
	23	13.8	1.75	17.2	2.30	21.7	3.22	24.0	3.72	25.3	3.99	26.1	4.04	26.9	4.09
	25	13.8	1.85	17.2	2.46	21.7	3.44	24.0	3.98	24.9	4.17	25.8	4.22	26.6	4.27
	27	13.8	1.97	17.2	2.63	21.7	3.68	24.0	4.26	24.6	4.34	25.4	4.40	26.2	4.45
	29	13.8	2.09	17.2	2.80	21.7	3.93	23.8	4.49	24.2	4.52	25.0	4.58	25.9	4.63
	31	13.8	2.22	17.2	2.98	21.7	4.19	23.4	4.66	23.8	4.69	24.7	4.76	25.5	4.81
	33	13.8	2.36	17.2	3.18	21.7	4.47	23.1	4.84	23.5	4.87	24.3	4.94	25.1	5.00
	35	13.8	2.51	17.2	3.38	21.7	4.77	22.7	5.02	23.1	5.05	24.0	5.12	24.8	5.18
	37	13.8	2.66	17.2	3.59	21.7	5.08	22.3	5.19	22.8	5.23	23.6	5.30	24.4	5.37
	39	13.8	2.82	17.2	3.82	21.5	5.33	22.0	5.37	22.4	5.41	23.2	5.48	24.0	5.56
110% (220)	10	12.6	1.42	15.7	1.79	19.9	2.33	22.0	2.61	24.1	2.90	28.0	3.45	28.8	3.31
	12	12.6	1.45	15.7	1.83	19.9	2.38	22.0	2.66	24.1	2.95	27.7	3.44	28.4	3.29
	14	12.6	1.47	15.7	1.86	19.9	2.42	22.0	2.71	24.1	3.01	27.3	3.42	28.0	3.27
	16	12.6	1.50	15.7	1.89	19.9	2.47	22.0	2.77	24.1	3.07	26.9	3.40	27.7	3.44
	18	12.6	1.52	15.7	1.93	19.9	2.52	22.0	2.82	24.1	3.13	26.6	3.58	27.3	3.61
	20	12.6	1.55	15.7	1.97	19.9	2.57	22.0	2.95	24.1	3.36	26.2	3.75	26.9	3.79
	21	12.6	1.57	15.7	1.98	19.9	2.65	22.0	3.05	24.1	3.48	26.0	3.84	26.8	3.88
	23	12.6	1.59	15.7	2.05	19.9	2.84	22.0	3.27	24.1	3.74	25.7	4.01	26.4	4.06
	25	12.6	1.66	15.7	2.19	19.9	3.03	22.0	3.50	24.1	4.00	25.3	4.19	26.0	4.23
	27	12.6	1.76	15.7	2.34	19.9	3.24	22.0	3.74	24.1	4.28	24.9	4.37	25.7	4.41
	29	12.6	1.88	15.7	2.49	19.9	3.46	22.0	4.00	23.8	4.49	24.6	4.54	25.3	4.59
	31	12.6	1.99	15.7	2.65	19.9	3.69	22.0	4.27	23.4	4.66	24.2	4.72	24.9	4.77
	33	12.6	2.12	15.7	2.82	19.9	3.93	22.0	4.55	23.1	4.84	23.8	4.90	24.6	4.96
	35	12.6	2.24	15.7	3.00	19.9	4.19	22.0	4.85	22.7	5.02	23.5	5.08	24.2	5.14
	37	12.6	2.38	15.7	3.18	19.9	4.46	22.0	5.16	22.3	5.19	23.1	5.26	23.9	5.32
	39	12.6	2.52	15.7	3.38	19.9	4.75	21.6	5.34	22.0	5.37	22.7	5.44	23.5	5.51
100% (200)	10	11.5	1.30	14.3	1.62	18.1	2.10	20.0	2.34	21.9	2.60	25.6	3.12	28.2	3.41
	12	11.5	1.32	14.3	1.65	18.1	2.13	20.0	2.39	21.9	2.65	25.6	3.17	27.9	3.40
	14	11.5	1.34	14.3	1.68	18.1	2.17	20.0	2.43	21.9	2.70	25.6	3.24	27.5	3.38
	16	11.5	1.36	14.3	1.71	18.1	2.22	20.0	2.48	21.9	2.75	25.6	3.30	27.1	3.41
	18	11.5	1.38	14.3	1.74	18.1	2.26	20.0	2.53	21.9	2.80	25.6	3.43	26.8	3.59
	20	11.5	1.41	14.3	1.77	18.1	2.30	20.0	2.58	21.9	2.92	25.6	3.69	26.4	3.76
	21	11.5	1.42	14.3	1.79	18.1	2.33	20.0	2.66	21.9	3.03	25.5	3.81	26.2	3.85
	23	11.5	1.45	14.3	1.82	18.1	2.48	20.0	2.85	21.9	3.24	25.2	3.99	25.9	4.02
	25	11.5	1.48	14.3	1.94	18.1	2.65	20.0	3.05	21.9	3.47	24.8	4.16	25.5	4.20
	27	11.5	1.57	14.3	2.06	18.1	2.83	20.0	3.26	21.9	3.71	24.5	4.33	25.1	4.38
	29	11.5	1.67	14.3	2.20	18.1	3.02	20.0	3.48	21.9	3.97	24.1	4.51	24.8	4.56
	31	11.5	1.77	14.3	2.34	18.1	3.22	20.0	3.71	21.9	4.23	23.7	4.69	24.4	4.73
	33	11.5	1.88	14.3	2.48	18.1	3.43	20.0	3.95	21.9	4.52	23.4	4.86	24.0	4.91
	35	11.5	2.00	14.3	2.64	18.1	3.65	20.0	4.21	21.9	4.81	23.0	5.04	23.7	5.09
	37	11.5	2.11	14.3	2.80	18.1	3.89	20.0	4.49	21.9	5.13	22.6	5.22	23.3	5.28
	39	11.5	2.24	14.3	2.97	18.1	4.13	20.0	4.78	21.6	5.34	22.3	5.40	22.9	5.46
90% (180)	10	10.3	1.17	12.9	1.45	16.3	1.87	18.0	2.08	19.7	2.30	23.0	2.76	26.3	3.21
	12	10.3	1.19	12.9	1.48	16.3	1.90	18.0	2.12	19.7	2.35	23.0	2.81	26.3	3.27
	14	10.3	1.21	12.9	1.50	16.3	1.93	18.0	2.16	19.7	2.39	23.0	2.86	26.3	3.33
	16	10.3	1.23	12.9	1.53	16.3	1.97	18.0	2.20	19.7	2.44	23.0	2.92	26.3	3.40
	18	10.3	1.25	12.9	1.56	16.3	2.01	18.0	2.24	19.7	2.48	23.0	2.98	26.2	3.56
	20	10.3	1.27	12.9	1.58	16.3	2.05	18.0	2.29	19.7	2.53	23.0	3.15	25.9	3.73
	21	10.3	1.28	12.9	1.60	16.3	2.07	18.0	2.31	19.7	2.60	23.0	3.27	25.7	3.82
	23	10.3	1.30	12.9	1.63	16.3	2.15	18.0	2.46	19.7	2.79	23.0	3.50	25.3	3.99
	25	10.3	1.33	12.9	1.70	16.3	2.30	18.0	2.63	19.7	2.98	23.0	3.75	24.9	4.17
	27	10.3	1.40	12.9	1.81	16.3	2.45	18.0	2.81	19.7	3.19	23.0	4.01	24.6	4.34
	29	10.3	1.48	12.9	1.92	16.3	2.61	18.0	2.99	19.7	3.40	23.0	4.29	24.2	4.52
	31	10.3	1.57	12.9	2.04	16.3	2.78	18.0	3.19	19.7	3.63	23.0	4.58	23.9	4.69
	33	10.3	1.66	12.9	2.17	16.3	2.96	18.0	3.40	19.7	3.87	22.9	4.83	23.5	4.87
	35	10.3	1.76	12.9	2.30	16.3	3.15	18.0	3.62	19.7	4.12	22.5	5.00	23.1	5.05
	37	10.3	1.86	12.9	2.44	16.3	3.35	18.0	3.85	19.7	4.38	22.2	5.18	22.8	5.23
	39	10.3	1.97	12.9	2.59	16.3	3.56	18.0	4.09	19.7	4.67	21.8	5.35	22.4	5.41

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (160)	10	9.17	1.06	11.4	1.29	14.5	1.64	16.0	1.83	17.5	2.02	20.5	2.41	23.4	2.80
	12	9.17	1.07	11.4	1.31	14.5	1.67	16.0	1.86	17.5	2.05	20.5	2.45	23.4	2.85
	14	9.17	1.09	11.4	1.34	14.5	1.70	16.0	1.89	17.5	2.09	20.5	2.50	23.4	2.91
	16	9.17	1.10	11.4	1.36	14.5	1.73	16.0	1.93	17.5	2.13	20.5	2.55	23.4	2.97
	18	9.17	1.12	11.4	1.38	14.5	1.76	16.0	1.96	17.5	2.17	20.5	2.60	23.4	3.02
	20	9.17	1.14	11.4	1.40	14.5	1.80	16.0	2.00	17.5	2.21	20.5	2.66	23.4	3.22
	21	9.17	1.15	11.4	1.42	14.5	1.81	16.0	2.02	17.5	2.24	20.5	2.75	23.4	3.33
	23	9.17	1.17	11.4	1.44	14.5	1.85	16.0	2.10	17.5	2.37	20.5	2.95	23.4	3.57
	25	9.17	1.18	11.4	1.48	14.5	1.97	16.0	2.24	17.5	2.53	20.5	3.16	23.4	3.83
	27	9.17	1.23	11.4	1.57	14.5	2.10	16.0	2.39	17.5	2.70	20.5	3.37	23.4	4.09
	29	9.17	1.30	11.4	1.67	14.5	2.24	16.0	2.55	17.5	2.88	20.5	3.60	23.4	4.37
	31	9.17	1.38	11.4	1.77	14.5	2.38	16.0	2.71	17.5	3.07	20.5	3.84	23.3	4.66
	33	9.17	1.46	11.4	1.88	14.5	2.53	16.0	2.88	17.5	3.27	20.5	4.09	22.9	4.83
	35	9.17	1.54	11.4	1.99	14.5	2.69	16.0	3.07	17.5	3.48	20.5	4.36	22.6	5.01
	37	9.17	1.63	11.4	2.11	14.5	2.85	16.0	3.26	17.5	3.70	20.5	4.65	22.2	5.18
	39	9.17	1.72	11.4	2.23	14.5	3.03	16.0	3.46	17.5	3.93	20.5	4.95	21.8	5.36
70% (140)	10	8.02	0.94	10.0	1.14	12.7	1.43	14.0	1.59	15.3	1.74	17.9	2.07	20.4	2.40
	12	8.02	0.96	10.0	1.16	12.7	1.46	14.0	1.61	15.3	1.77	17.9	2.11	20.4	2.45
	14	8.02	0.97	10.0	1.18	12.7	1.48	14.0	1.64	15.3	1.81	17.9	2.15	20.4	2.49
	16	8.02	0.98	10.0	1.19	12.7	1.51	14.0	1.67	15.3	1.84	17.9	2.19	20.4	2.54
	18	8.02	1.00	10.0	1.21	12.7	1.53	14.0	1.70	15.3	1.87	17.9	2.23	20.4	2.59
	20	8.02	1.01	10.0	1.23	12.7	1.56	14.0	1.73	15.3	1.91	17.9	2.27	20.4	2.65
	21	8.02	1.02	10.0	1.24	12.7	1.57	14.0	1.75	15.3	1.93	17.9	2.30	20.4	2.75
	23	8.02	1.03	10.0	1.26	12.7	1.60	14.0	1.78	15.3	1.98	17.9	2.45	20.4	2.94
	25	8.02	1.05	10.0	1.29	12.7	1.67	14.0	1.89	15.3	2.12	17.9	2.61	20.4	3.15
	27	8.02	1.07	10.0	1.35	12.7	1.78	14.0	2.01	15.3	2.26	17.9	2.79	20.4	3.36
	29	8.02	1.14	10.0	1.43	12.7	1.89	14.0	2.14	15.3	2.40	17.9	2.98	20.4	3.59
	31	8.02	1.20	10.0	1.52	12.7	2.01	14.0	2.27	15.3	2.56	17.9	3.17	20.4	3.83
	33	8.02	1.27	10.0	1.61	12.7	2.13	14.0	2.41	15.3	2.72	17.9	3.38	20.4	4.08
	35	8.02	1.34	10.0	1.70	12.7	2.26	14.0	2.56	15.3	2.89	17.9	3.59	20.4	4.35
	37	8.02	1.42	10.0	1.80	12.7	2.40	14.0	2.72	15.3	3.07	17.9	3.83	20.4	4.63
	39	8.02	1.49	10.0	1.90	12.7	2.54	14.0	2.89	15.3	3.26	17.9	4.07	20.4	4.93
60% (120)	10	6.88	0.84	8.58	1.00	10.9	1.23	12.0	1.36	13.1	1.48	15.4	1.75	17.5	2.02
	12	6.88	0.85	8.58	1.01	10.9	1.25	12.0	1.38	13.1	1.51	15.4	1.78	17.5	2.06
	14	6.88	0.86	8.58	1.02	10.9	1.27	12.0	1.40	13.1	1.53	15.4	1.81	17.5	2.09
	16	6.88	0.87	8.58	1.04	10.9	1.29	12.0	1.42	13.1	1.56	15.4	1.84	17.5	2.13
	18	6.88	0.88	8.58	1.05	10.9	1.31	12.0	1.45	13.1	1.59	15.4	1.88	17.5	2.17
	20	6.88	0.89	8.58	1.07	10.9	1.34	12.0	1.47	13.1	1.62	15.4	1.92	17.5	2.22
	21	6.88	0.90	8.58	1.08	10.9	1.35	12.0	1.49	13.1	1.63	15.4	1.93	17.5	2.24
	23	6.88	0.91	8.58	1.10	10.9	1.37	12.0	1.51	13.1	1.66	15.4	1.99	17.5	2.37
	25	6.88	0.92	8.58	1.11	10.9	1.40	12.0	1.56	13.1	1.74	15.4	2.12	17.5	2.53
	27	6.88	0.94	8.58	1.15	10.9	1.48	12.0	1.66	13.1	1.85	15.4	2.26	17.5	2.70
	29	6.88	0.98	8.58	1.21	10.9	1.57	12.0	1.76	13.1	1.97	15.4	2.41	17.5	2.88
	31	6.88	1.04	8.58	1.29	10.9	1.67	12.0	1.87	13.1	2.09	15.4	2.57	17.5	3.07
	33	6.88	1.09	8.58	1.36	10.9	1.77	12.0	1.99	13.1	2.22	15.4	2.73	17.5	3.27
	35	6.88	1.15	8.58	1.44	10.9	1.87	12.0	2.11	13.1	2.36	15.4	2.90	17.5	3.48
	37	6.88	1.22	8.58	1.52	10.9	1.98	12.0	2.23	13.1	2.50	15.4	3.08	17.5	3.70
	39	6.88	1.28	8.58	1.60	10.9	2.10	12.0	2.37	13.1	2.66	15.4	3.28	17.5	3.94
50% (100)	10	5.73	0.73	7.15	0.86	9.06	1.04	9.99	1.14	10.9	1.24	12.8	1.45	14.6	1.66
	12	5.73	0.74	7.15	0.87	9.06	1.06	9.99	1.16	10.9	1.26	12.8	1.47	14.6	1.69
	14	5.73	0.75	7.15	0.88	9.06	1.07	9.99	1.17	10.9	1.28	12.8	1.49	14.6	1.72
	16	5.73	0.76	7.15	0.89	9.06	1.09	9.99	1.19	10.9	1.30	12.8	1.52	14.6	1.75
	18	5.73	0.77	7.15	0.91	9.06	1.11	9.99	1.21	10.9	1.32	12.8	1.55	14.6	1.78
	20	5.73	0.78	7.15	0.92	9.06	1.12	9.99	1.23	10.9	1.34	12.8	1.58	14.6	1.81
	21	5.73	0.78	7.15	0.92	9.06	1.13	9.99	1.24	10.9	1.36	12.8	1.59	14.6	1.83
	23	5.73	0.79	7.15	0.94	9.06	1.15	9.99	1.26	10.9	1.38	12.8	1.62	14.6	1.86
	25	5.73	0.80	7.15	0.95	9.06	1.17	9.99	1.29	10.9	1.40	12.8	1.69	14.6	1.99
	27	5.73	0.81	7.15	0.97	9.06	1.21	9.99	1.35	10.9	1.49	12.8	1.80	14.6	2.12
	29	5.73	0.84	7.15	1.02	9.06	1.29	9.99	1.43	10.9	1.58	12.8	1.91	14.6	2.26
	31	5.73	0.89	7.15	1.07	9.06	1.36	9.99	1.52	10.9	1.68	12.8	2.03	14.6	2.40
	33	5.73	0.93	7.15	1.13	9.06	1.44	9.99	1.61	10.9	1.78	12.8	2.15	14.6	2.55
	35	5.73	0.98	7.15	1.20	9.06	1.52	9.99	1.70	10.9	1.89	12.8	2.29	14.6	2.71
	37	5.73	1.03	7.15	1.26	9.06	1.61	9.99	1.80	10.9	2.00	12.8	2.42	14.6	2.88
	39	5.73	1.08	7.15	1.33	9.06	1.70	9.99	1.90	10.9	2.11	12.8	2.57	14.6	3.06

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ8TY1 Cooling capacity (Capacity correction factor: 0.95) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (260)	10	14.2	1.60	17.7	2.04	22.4	2.67	24.7	2.99	27.0	3.32	28.7	3.33	29.5	3.16
	12	14.2	1.63	17.7	2.07	22.4	2.72	24.7	3.04	27.0	3.38	28.3	3.31	29.1	3.14
	14	14.2	1.66	17.7	2.11	22.4	2.77	24.7	3.10	27.0	3.44	27.9	3.29	28.8	3.29
	16	14.2	1.69	17.7	2.15	22.4	2.82	24.7	3.16	26.7	3.44	27.6	3.43	28.4	3.47
	18	14.2	1.72	17.7	2.19	22.4	2.88	24.7	3.25	26.4	3.57	27.2	3.61	28.1	3.65
	20	14.2	1.75	17.7	2.24	22.4	3.02	24.7	3.50	26.0	3.74	26.9	3.78	27.7	3.83
	21	14.2	1.77	17.7	2.26	22.4	3.13	24.7	3.62	25.8	3.83	26.7	3.87	27.5	3.92
	23	14.2	1.80	17.7	2.40	22.4	3.35	24.7	3.88	25.4	4.00	26.3	4.05	27.1	4.10
	25	14.2	1.91	17.7	2.56	22.4	3.59	24.6	4.15	25.1	4.18	25.9	4.23	26.8	4.28
	27	14.2	2.04	17.7	2.73	22.4	3.84	24.3	4.32	24.7	4.35	25.6	4.41	26.4	4.46
	29	14.2	2.17	17.7	2.91	22.4	4.10	23.9	4.50	24.4	4.53	25.2	4.59	26.0	4.64
	31	14.2	2.31	17.7	3.11	22.4	4.38	23.6	4.67	24.0	4.71	24.9	4.77	25.7	4.83
	33	14.2	2.45	17.7	3.31	22.4	4.67	23.2	4.85	23.6	4.88	24.5	4.95	25.3	5.01
	35	14.2	2.60	17.7	3.52	22.4	4.98	22.8	5.03	23.3	5.06	24.1	5.13	25.0	5.20
	37	14.2	2.76	17.7	3.74	22.0	5.17	22.5	5.20	22.9	5.24	23.8	5.31	24.6	5.39
	39	14.2	2.93	17.7	3.98	21.7	5.34	22.1	5.38	22.5	5.42	23.4	5.50	24.2	5.57
120% (240)	10	13.1	1.48	16.3	1.87	20.6	2.43	22.8	2.72	24.9	3.02	28.2	3.41	29.0	3.26
	12	13.1	1.50	16.3	1.90	20.6	2.48	22.8	2.77	24.9	3.08	27.9	3.40	28.6	3.24
	14	13.1	1.53	16.3	1.93	20.6	2.52	22.8	2.83	24.9	3.14	27.5	3.38	28.3	3.27
	16	13.1	1.55	16.3	1.97	20.6	2.57	22.8	2.88	24.9	3.20	27.1	3.41	27.9	3.45
	18	13.1	1.58	16.3	2.01	20.6	2.62	22.8	2.94	24.9	3.30	26.8	3.59	27.5	3.62
	20	13.1	1.61	16.3	2.04	20.6	2.69	22.8	3.10	24.9	3.55	26.4	3.76	27.2	3.80
	21	13.1	1.63	16.3	2.06	20.6	2.79	22.8	3.22	24.9	3.68	26.2	3.85	27.0	3.89
	23	13.1	1.66	16.3	2.15	20.6	2.99	22.8	3.45	24.9	3.94	25.9	4.02	26.6	4.07
	25	13.1	1.73	16.3	2.30	20.6	3.19	22.8	3.69	24.7	4.15	25.5	4.20	26.3	4.25
	27	13.1	1.84	16.3	2.45	20.6	3.41	22.8	3.95	24.3	4.33	25.1	4.38	25.9	4.43
	29	13.1	1.96	16.3	2.61	20.6	3.64	22.8	4.22	24.0	4.50	24.8	4.56	25.5	4.61
	31	13.1	2.08	16.3	2.78	20.6	3.89	22.8	4.50	23.6	4.68	24.4	4.73	25.2	4.79
	33	13.1	2.21	16.3	2.96	20.6	4.15	22.8	4.80	23.2	4.85	24.0	4.91	24.8	4.97
	35	13.1	2.35	16.3	3.15	20.6	4.42	22.5	5.00	22.9	5.03	23.7	5.09	24.4	5.16
	37	13.1	2.49	16.3	3.35	20.6	4.71	22.1	5.17	22.5	5.21	23.3	5.28	24.1	5.34
	39	13.1	2.64	16.3	3.56	20.6	5.01	21.7	5.35	22.1	5.39	22.9	5.46	23.7	5.53
110% (220)	10	12.0	1.35	14.9	1.70	18.9	2.20	20.9	2.46	22.9	2.73	26.7	3.28	28.5	3.37
	12	12.0	1.38	14.9	1.73	18.9	2.24	20.9	2.51	22.9	2.78	26.7	3.34	28.1	3.35
	14	12.0	1.40	14.9	1.76	18.9	2.29	20.9	2.56	22.9	2.84	26.7	3.40	27.7	3.33
	16	12.0	1.42	14.9	1.79	18.9	2.33	20.9	2.61	22.9	2.89	26.7	3.45	27.4	3.42
	18	12.0	1.45	14.9	1.82	18.9	2.37	20.9	2.66	22.9	2.95	26.3	3.56	27.0	3.60
	20	12.0	1.47	14.9	1.86	18.9	2.42	20.9	2.74	22.9	3.12	25.9	3.74	26.6	3.77
	21	12.0	1.49	14.9	1.88	18.9	2.47	20.9	2.83	22.9	3.23	25.8	3.82	26.5	3.86
	23	12.0	1.51	14.9	1.92	18.9	2.64	20.9	3.04	22.9	3.46	25.4	4.00	26.1	4.04
	25	12.0	1.56	14.9	2.05	18.9	2.82	20.9	3.25	22.9	3.71	25.0	4.17	25.7	4.22
	27	12.0	1.66	14.9	2.18	18.9	3.01	20.9	3.47	22.9	3.96	24.7	4.35	25.4	4.39
	29	12.0	1.76	14.9	2.33	18.9	3.22	20.9	3.71	22.9	4.23	24.3	4.52	25.0	4.57
	31	12.0	1.87	14.9	2.47	18.9	3.43	20.9	3.95	22.9	4.52	23.9	4.70	24.6	4.75
	33	12.0	1.99	14.9	2.63	18.9	3.65	20.9	4.22	22.8	4.82	23.6	4.88	24.3	4.93
	35	12.0	2.11	14.9	2.80	18.9	3.89	20.9	4.49	22.5	5.00	23.2	5.06	23.9	5.11
	37	12.0	2.23	14.9	2.97	18.9	4.14	20.9	4.79	22.1	5.17	22.8	5.24	23.6	5.30
	39	12.0	2.36	14.9	3.15	18.9	4.41	20.9	5.10	21.8	5.35	22.5	5.42	23.2	5.48
100% (200)	10	10.9	1.23	13.6	1.54	17.2	1.98	19.0	2.21	20.8	2.45	24.3	2.94	27.7	3.42
	12	10.9	1.25	13.6	1.56	17.2	2.02	19.0	2.25	20.8	2.49	24.3	2.99	27.6	3.45
	14	10.9	1.27	13.6	1.59	17.2	2.05	19.0	2.29	20.8	2.54	24.3	3.05	27.2	3.43
	16	10.9	1.29	13.6	1.62	17.2	2.09	19.0	2.34	20.8	2.59	24.3	3.11	26.9	3.42
	18	10.9	1.32	13.6	1.65	17.2	2.13	19.0	2.38	20.8	2.64	24.3	3.18	26.5	3.57
	20	10.9	1.34	13.6	1.68	17.2	2.17	19.0	2.43	20.8	2.72	24.3	3.42	26.1	3.75
	21	10.9	1.35	13.6	1.69	17.2	2.20	19.0	2.48	20.8	2.81	24.3	3.54	25.9	3.83
	23	10.9	1.37	13.6	1.72	17.2	2.32	19.0	2.65	20.8	3.01	24.3	3.80	25.6	4.01
	25	10.9	1.40	13.6	1.82	17.2	2.47	19.0	2.83	20.8	3.22	24.3	4.07	25.2	4.18
	27	10.9	1.48	13.6	1.93	17.2	2.64	19.0	3.03	20.8	3.44	24.2	4.32	24.9	4.36
	29	10.9	1.58	13.6	2.06	17.2	2.81	19.0	3.23	20.8	3.68	23.9	4.49	24.5	4.54
	31	10.9	1.67	13.6	2.19	17.2	3.00	19.0	3.44	20.8	3.92	23.5	4.67	24.1	4.71
	33	10.9	1.77	13.6	2.32	17.2	3.19	19.0	3.67	20.8	4.18	23.1	4.84	23.8	4.89
	35	10.9	1.88	13.6	2.47	17.2	3.40	19.0	3.91	20.8	4.46	22.8	5.02	23.4	5.07
	37	10.9	1.99	13.6	2.62	17.2	3.61	19.0	4.16	20.8	4.75	22.4	5.20	23.0	5.25
	39	10.9	2.10	13.6	2.78	17.2	3.84	19.0	4.43	20.8	5.06	22.0	5.38	22.7	5.43
90% (180)	10	9.80	1.12	12.2	1.38	15.5	1.77	17.1	1.97	18.7	2.17	21.9	2.60	25.0	3.03
	12	9.80	1.14	12.2	1.40	15.5	1.80	17.1	2.00	18.7	2.21	21.9	2.65	25.0	3.08
	14	9.80	1.15	12.2	1.43	15.5	1.83	17.1	2.04	18.7	2.25	21.9	2.70	25.0	3.14
	16	9.80	1.17	12.2	1.45	15.5	1.86	17.1	2.08	18.7	2.30	21.9	2.75	25.0	3.20
	18	9.80	1.19	12.2	1.48	15.5	1.90	17.1	2.12	18.7	2.34	21.9	2.81	25.0	3.31
	20	9.80	1.21	12.2	1.50	15.5	1.93	17.1	2.16	18.7	2.39	21.9	2.93	25.0	3.55
	21	9.80	1.22	12.2	1.52	15.5	1.95	17.1	2.18	18.7	2.42	21.9	3.03	25.0	3.68
	23	9.80	1.24	12.2	1.54	15.5	2.01	17.1	2.29	18.7	2.60	21.9	3.25	25.0	3.95
	25	9.80	1.26	12.2	1.60	15.5	2.15	17.1	2.45	18.7	2.77	21.9	3.48	24.7	4.15
	27	9.80	1.32	12.2	1.70	15.5	2.29	17.1	2.61	18.7	2.96	21.9	3.72	24.3	4.33
	29	9.80	1.40	12.2	1.81	15.5	2.44	17.1	2.79	18.7	3.16	21.9	3.97	24.0	4.50
	31	9.80	1.48	12.2	1.92	15.5	2.60	17.1	2.97	18.7	3.37	21.9	4.24	23.6	4.68
	33	9.80	1.57	12.2	2.03	15.5	2.76	17.1	3.16	18.7	3.59	21.9	4.52	23.2	4.85
	35	9.80	1.66	12.2	2.16	15.5	2.94	17.1	3.36	18.7	3.82	21.9	4.82	22.9	5.03
	37	9.80	1.76	12.2	2.29	15.5	3.12	17.1	3.58	18.7	4.07	21.9	5.14	22.5	5.21
	39	9.80	1.86	12.2	2.42	15.5	3.31	17.1	3.80	18.7	4.33	21.6	5.34	22.1	5.39

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (160)	10	8.71	1.01	10.9	1.23	13.8	1.56	15.2	1.73	16.6	1.91	19.5	2.27	22.2	2.64
	12	8.71	1.02	10.9	1.25	13.8	1.59	15.2	1.76	16.6	1.94	19.5	2.31	22.2	2.69
	14	8.71	1.04	10.9	1.27	13.8	1.61	15.2	1.79	16.6	1.98	19.5	2.36	22.2	2.74
	16	8.71	1.05	10.9	1.29	13.8	1.64	15.2	1.82	16.6	2.01	19.5	2.40	22.2	2.79
	18	8.71	1.07	10.9	1.31	13.8	1.67	15.2	1.86	16.6	2.05	19.5	2.45	22.2	2.85
	20	8.71	1.09	10.9	1.33	13.8	1.70	15.2	1.89	16.6	2.09	19.5	2.50	22.2	2.98
	21	8.71	1.09	10.9	1.35	13.8	1.72	15.2	1.91	16.6	2.11	19.5	2.56	22.2	3.09
	23	8.71	1.11	10.9	1.37	13.8	1.75	15.2	1.96	16.6	2.21	19.5	2.74	22.2	3.31
	25	8.71	1.13	10.9	1.39	13.8	1.85	15.2	2.10	16.6	2.36	19.5	2.93	22.2	3.55
	27	8.71	1.17	10.9	1.48	13.8	1.97	15.2	2.23	16.6	2.52	19.5	3.13	22.2	3.79
	29	8.71	1.23	10.9	1.57	13.8	2.09	15.2	2.38	16.6	2.68	19.5	3.34	22.2	4.05
	31	8.71	1.31	10.9	1.67	13.8	2.23	15.2	2.53	16.6	2.86	19.5	3.56	22.2	4.32
	33	8.71	1.38	10.9	1.77	13.8	2.36	15.2	2.69	16.6	3.04	19.5	3.80	22.2	4.61
	35	8.71	1.46	10.9	1.87	13.8	2.51	15.2	2.86	16.6	3.24	19.5	4.05	22.2	4.92
	37	8.71	1.54	10.9	1.98	13.8	2.66	15.2	3.04	16.6	3.44	19.5	4.31	22.0	5.16
	39	8.71	1.63	10.9	2.10	13.8	2.83	15.2	3.23	16.6	3.66	19.5	4.59	21.6	5.34
70% (140)	10	7.62	0.90	9.50	1.09	12.0	1.36	13.3	1.50	14.5	1.65	17.0	1.96	19.4	2.27
	12	7.62	0.92	9.50	1.11	12.0	1.38	13.3	1.53	14.5	1.68	17.0	1.99	19.4	2.31
	14	7.62	0.93	9.50	1.12	12.0	1.41	13.3	1.55	14.5	1.71	17.0	2.03	19.4	2.35
	16	7.62	0.94	9.50	1.14	12.0	1.43	13.3	1.58	14.5	1.74	17.0	2.07	19.4	2.40
	18	7.62	0.95	9.50	1.16	12.0	1.45	13.3	1.61	14.5	1.77	17.0	2.11	19.4	2.44
	20	7.62	0.97	9.50	1.18	12.0	1.48	13.3	1.64	14.5	1.81	17.0	2.15	19.4	2.49
	21	7.62	0.98	9.50	1.18	12.0	1.49	13.3	1.65	14.5	1.82	17.0	2.17	19.4	2.55
	23	7.62	0.99	9.50	1.20	12.0	1.52	13.3	1.69	14.5	1.86	17.0	2.28	19.4	2.73
	25	7.62	1.00	9.50	1.23	12.0	1.57	13.3	1.77	14.5	1.98	17.0	2.44	19.4	2.92
	27	7.62	1.02	9.50	1.28	12.0	1.67	13.3	1.88	14.5	2.11	17.0	2.60	19.4	3.12
	29	7.62	1.08	9.50	1.35	12.0	1.77	13.3	2.00	14.5	2.25	17.0	2.77	19.4	3.33
	31	7.62	1.14	9.50	1.43	12.0	1.88	13.3	2.13	14.5	2.39	17.0	2.95	19.4	3.55
	33	7.62	1.21	9.50	1.52	12.0	2.00	13.3	2.26	14.5	2.54	17.0	3.14	19.4	3.79
	35	7.62	1.27	9.50	1.61	12.0	2.12	13.3	2.40	14.5	2.70	17.0	3.34	19.4	4.03
	37	7.62	1.34	9.50	1.70	12.0	2.25	13.3	2.55	14.5	2.87	17.0	3.56	19.4	4.30
	39	7.62	1.42	9.50	1.79	12.0	2.38	13.3	2.70	14.5	3.04	17.0	3.78	19.4	4.57
60% (120)	10	6.53	0.80	8.15	0.95	10.3	1.17	11.4	1.29	12.5	1.41	14.6	1.66	16.6	1.91
	12	6.53	0.81	8.15	0.97	10.3	1.19	11.4	1.31	12.5	1.43	14.6	1.68	16.6	1.94
	14	6.53	0.82	8.15	0.98	10.3	1.21	11.4	1.33	12.5	1.46	14.6	1.71	16.6	1.98
	16	6.53	0.83	8.15	0.99	10.3	1.23	11.4	1.35	12.5	1.48	14.6	1.75	16.6	2.01
	18	6.53	0.85	8.15	1.01	10.3	1.25	11.4	1.38	12.5	1.51	14.6	1.78	16.6	2.05
	20	6.53	0.86	8.15	1.02	10.3	1.27	11.4	1.40	12.5	1.53	14.6	1.81	16.6	2.09
	21	6.53	0.86	8.15	1.03	10.3	1.28	11.4	1.41	12.5	1.55	14.6	1.83	16.6	2.11
	23	6.53	0.87	8.15	1.05	10.3	1.30	11.4	1.44	12.5	1.58	14.6	1.86	16.6	2.21
	25	6.53	0.89	8.15	1.06	10.3	1.33	11.4	1.47	12.5	1.64	14.6	1.99	16.6	2.36
	27	6.53	0.90	8.15	1.09	10.3	1.40	11.4	1.56	12.5	1.74	14.6	2.12	16.6	2.52
	29	6.53	0.94	8.15	1.15	10.3	1.48	11.4	1.66	12.5	1.85	14.6	2.26	16.6	2.69
	31	6.53	0.99	8.15	1.22	10.3	1.57	11.4	1.76	12.5	1.96	14.6	2.40	16.6	2.86
	33	6.53	1.04	8.15	1.29	10.3	1.67	11.4	1.87	12.5	2.09	14.6	2.55	16.6	3.05
	35	6.53	1.10	8.15	1.36	10.3	1.76	11.4	1.98	12.5	2.21	14.6	2.71	16.6	3.24
	37	6.53	1.16	8.15	1.44	10.3	1.87	11.4	2.10	12.5	2.35	14.6	2.88	16.6	3.44
	39	6.53	1.22	8.15	1.52	10.3	1.97	11.4	2.22	12.5	2.49	14.6	3.05	16.6	3.66
50% (100)	10	5.45	0.71	6.79	0.83	8.60	1.00	9.50	1.09	10.4	1.18	12.2	1.37	13.9	1.57
	12	5.45	0.72	6.79	0.84	8.60	1.01	9.50	1.10	10.4	1.20	12.2	1.40	13.9	1.60
	14	5.45	0.73	6.79	0.85	8.60	1.03	9.50	1.12	10.4	1.22	12.2	1.42	13.9	1.62
	16	5.45	0.73	6.79	0.86	8.60	1.04	9.50	1.14	10.4	1.24	12.2	1.44	13.9	1.65
	18	5.45	0.74	6.79	0.87	8.60	1.06	9.50	1.16	10.4	1.26	12.2	1.47	13.9	1.68
	20	5.45	0.75	6.79	0.88	8.60	1.07	9.50	1.17	10.4	1.28	12.2	1.49	13.9	1.71
	21	5.45	0.76	6.79	0.89	8.60	1.08	9.50	1.18	10.4	1.29	12.2	1.51	13.9	1.73
	23	5.45	0.76	6.79	0.90	8.60	1.10	9.50	1.20	10.4	1.31	12.2	1.54	13.9	1.76
	25	5.45	0.77	6.79	0.91	8.60	1.12	9.50	1.22	10.4	1.33	12.2	1.59	13.9	1.86
	27	5.45	0.78	6.79	0.93	8.60	1.15	9.50	1.28	10.4	1.41	12.2	1.69	13.9	1.98
	29	5.45	0.81	6.79	0.97	8.60	1.22	9.50	1.35	10.4	1.49	12.2	1.79	13.9	2.11
	31	5.45	0.85	6.79	1.02	8.60	1.29	9.50	1.43	10.4	1.58	12.2	1.91	13.9	2.25
	33	5.45	0.89	6.79	1.08	8.60	1.36	9.50	1.52	10.4	1.68	12.2	2.02	13.9	2.39
	35	5.45	0.94	6.79	1.14	8.60	1.44	9.50	1.60	10.4	1.78	12.2	2.14	13.9	2.53
	37	5.45	0.99	6.79	1.20	8.60	1.52	9.50	1.70	10.4	1.88	12.2	2.27	13.9	2.69
	39	5.45	1.04	6.79	1.26	8.60	1.61	9.50	1.79	10.4	1.99	12.2	2.41	13.9	2.85

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ8TY1 Cooling capacity (Capacity correction factor: 0.90) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (260)	10	13.4	1.52	16.7	1.92	21.2	2.51	23.4	2.81	25.6	3.11	28.4	3.39	29.2	3.23
	12	13.4	1.54	16.7	1.95	21.2	2.55	23.4	2.86	25.6	3.17	28.0	3.37	28.8	3.21
	14	13.4	1.57	16.7	1.99	21.2	2.60	23.4	2.91	25.6	3.23	27.6	3.35	28.4	3.28
	16	13.4	1.60	16.7	2.03	21.2	2.65	23.4	2.97	25.6	3.30	27.3	3.42	28.1	3.45
	18	13.4	1.63	16.7	2.06	21.2	2.70	23.4	3.03	25.6	3.43	26.9	3.59	27.7	3.63
	20	13.4	1.66	16.7	2.10	21.2	2.79	23.4	3.23	25.6	3.69	26.5	3.77	27.3	3.81
	21	13.4	1.67	16.7	2.13	21.2	2.89	23.4	3.34	25.5	3.81	26.4	3.86	27.1	3.90
	23	13.4	1.70	16.7	2.23	21.2	3.10	23.4	3.58	25.2	3.99	26.0	4.03	26.8	4.08
	25	13.4	1.79	16.7	2.38	21.2	3.32	23.4	3.84	24.8	4.16	25.6	4.21	26.4	4.26
	27	13.4	1.90	16.7	2.54	21.2	3.54	23.4	4.10	24.5	4.33	25.3	4.39	26.1	4.44
	29	13.4	2.03	16.7	2.71	21.2	3.79	23.4	4.38	24.1	4.51	24.9	4.57	25.7	4.62
	31	13.4	2.15	16.7	2.88	21.2	4.04	23.3	4.66	23.7	4.69	24.5	4.74	25.3	4.80
	33	13.4	2.29	16.7	3.07	21.2	4.31	22.9	4.83	23.4	4.86	24.2	4.93	25.0	4.99
	35	13.4	2.43	16.7	3.26	21.2	4.59	22.6	5.01	23.0	5.04	23.8	5.11	24.6	5.17
	37	13.4	2.58	16.7	3.47	21.2	4.89	22.2	5.18	22.6	5.22	23.4	5.29	24.2	5.36
	39	13.4	2.73	16.7	3.69	21.2	5.21	21.9	5.36	22.3	5.40	23.1	5.47	23.9	5.54
120% (240)	10	12.4	1.40	15.4	1.76	19.6	2.29	21.6	2.56	23.6	2.84	27.6	3.41	28.7	3.33
	12	12.4	1.42	15.4	1.79	19.6	2.33	21.6	2.61	23.6	2.89	27.6	3.45	28.3	3.31
	14	12.4	1.45	15.4	1.82	19.6	2.37	21.6	2.66	23.6	2.95	27.2	3.44	27.9	3.29
	16	12.4	1.47	15.4	1.86	19.6	2.42	21.6	2.71	23.6	3.01	26.8	3.42	27.6	3.43
	18	12.4	1.50	15.4	1.89	19.6	2.47	21.6	2.76	23.6	3.07	26.5	3.57	27.2	3.61
	20	12.4	1.52	15.4	1.93	19.6	2.51	21.6	2.87	23.6	3.27	26.1	3.75	26.8	3.78
	21	12.4	1.54	15.4	1.94	19.6	2.58	21.6	2.97	23.6	3.39	25.9	3.83	26.7	3.87
	23	12.4	1.56	15.4	2.00	19.6	2.76	21.6	3.18	23.6	3.63	25.6	4.01	26.3	4.05
	25	12.4	1.62	15.4	2.14	19.6	2.96	21.6	3.41	23.6	3.89	25.2	4.18	25.9	4.23
	27	12.4	1.73	15.4	2.28	19.6	3.16	21.6	3.64	23.6	4.16	24.8	4.36	25.6	4.41
	29	12.4	1.83	15.4	2.43	19.6	3.37	21.6	3.89	23.6	4.45	24.5	4.54	25.2	4.59
	31	12.4	1.95	15.4	2.58	19.6	3.59	21.6	4.15	23.4	4.66	24.1	4.71	24.8	4.77
	33	12.4	2.07	15.4	2.75	19.6	3.83	21.6	4.43	23.0	4.83	23.7	4.89	24.5	4.95
	35	12.4	2.19	15.4	2.92	19.6	4.08	21.6	4.72	22.6	5.01	23.4	5.07	24.1	5.13
	37	12.4	2.33	15.4	3.11	19.6	4.35	21.6	5.03	22.3	5.19	23.0	5.25	23.7	5.31
	39	12.4	2.46	15.4	3.30	19.6	4.63	21.5	5.33	21.9	5.36	22.7	5.43	23.4	5.50
110% (220)	10	11.3	1.28	14.1	1.60	17.9	2.07	19.8	2.32	21.7	2.57	25.3	3.08	28.2	3.42
	12	11.3	1.30	14.1	1.63	17.9	2.11	19.8	2.36	21.7	2.62	25.3	3.14	27.8	3.41
	14	11.3	1.33	14.1	1.66	17.9	2.15	19.8	2.40	21.7	2.67	25.3	3.20	27.4	3.39
	16	11.3	1.35	14.1	1.69	17.9	2.19	19.8	2.45	21.7	2.72	25.3	3.26	27.1	3.41
	18	11.3	1.37	14.1	1.72	17.9	2.23	19.8	2.50	21.7	2.77	25.3	3.38	26.7	3.58
	20	11.3	1.39	14.1	1.75	17.9	2.28	19.8	2.55	21.7	2.88	25.3	3.63	26.3	3.76
	21	11.3	1.41	14.1	1.77	17.9	2.30	19.8	2.62	21.7	2.98	25.3	3.77	26.2	3.85
	23	11.3	1.43	14.1	1.80	17.9	2.45	19.8	2.81	21.7	3.20	25.1	3.98	25.8	4.02
	25	11.3	1.46	14.1	1.91	17.9	2.62	19.8	3.01	21.7	3.42	24.8	4.16	25.4	4.20
	27	11.3	1.56	14.1	2.04	17.9	2.79	19.8	3.21	21.7	3.66	24.4	4.33	25.1	4.37
	29	11.3	1.65	14.1	2.17	17.9	2.98	19.8	3.43	21.7	3.91	24.0	4.51	24.7	4.55
	31	11.3	1.75	14.1	2.31	17.9	3.18	19.8	3.65	21.7	4.17	23.7	4.68	24.3	4.73
	33	11.3	1.86	14.1	2.45	17.9	3.38	19.8	3.90	21.7	4.45	23.3	4.86	24.0	4.91
	35	11.3	1.97	14.1	2.60	17.9	3.60	19.8	4.15	21.7	4.74	22.9	5.04	23.6	5.09
	37	11.3	2.09	14.1	2.76	17.9	3.83	19.8	4.42	21.7	5.05	22.6	5.21	23.3	5.27
	39	11.3	2.21	14.1	2.93	17.9	4.07	19.8	4.71	21.5	5.33	22.2	5.39	22.9	5.45
100% (200)	10	10.3	1.17	12.9	1.45	16.3	1.87	18.0	2.08	19.7	2.30	23.0	2.76	26.3	3.21
	12	10.3	1.19	12.9	1.48	16.3	1.90	18.0	2.12	19.7	2.35	23.0	2.81	26.3	3.27
	14	10.3	1.21	12.9	1.50	16.3	1.93	18.0	2.16	19.7	2.39	23.0	2.86	26.3	3.33
	16	10.3	1.23	12.9	1.53	16.3	1.97	18.0	2.20	19.7	2.44	23.0	2.92	26.3	3.40
	18	10.3	1.25	12.9	1.56	16.3	2.01	18.0	2.24	19.7	2.48	23.0	2.98	26.2	3.56
	20	10.3	1.27	12.9	1.58	16.3	2.05	18.0	2.29	19.7	2.53	23.0	3.15	25.9	3.73
	21	10.3	1.28	12.9	1.60	16.3	2.07	18.0	2.31	19.7	2.60	23.0	3.27	25.7	3.82
	23	10.3	1.30	12.9	1.63	16.3	2.15	18.0	2.46	19.7	2.79	23.0	3.50	25.3	3.99
	25	10.3	1.33	12.9	1.70	16.3	2.30	18.0	2.63	19.7	2.98	23.0	3.75	24.9	4.17
	27	10.3	1.40	12.9	1.81	16.3	2.45	18.0	2.81	19.7	3.19	23.0	4.01	24.6	4.34
	29	10.3	1.48	12.9	1.92	16.3	2.61	18.0	2.99	19.7	3.40	23.0	4.29	24.2	4.52
	31	10.3	1.57	12.9	2.04	16.3	2.78	18.0	3.19	19.7	3.63	23.0	4.58	23.9	4.69
	33	10.3	1.66	12.9	2.17	16.3	2.96	18.0	3.40	19.7	3.87	22.9	4.83	23.5	4.87
	35	10.3	1.76	12.9	2.30	16.3	3.15	18.0	3.62	19.7	4.12	22.5	5.00	23.1	5.05
	37	10.3	1.86	12.9	2.44	16.3	3.35	18.0	3.85	19.7	4.38	22.2	5.18	22.8	5.23
	39	10.3	1.97	12.9	2.59	16.3	3.56	18.0	4.09	19.7	4.67	21.8	5.35	22.4	5.41
90% (180)	10	9.29	1.07	11.6	1.31	14.7	1.67	16.2	1.85	17.7	2.05	20.7	2.44	23.6	2.84
	12	9.29	1.08	11.6	1.33	14.7	1.70	16.2	1.89	17.7	2.08	20.7	2.49	23.6	2.90
	14	9.29	1.10	11.6	1.35	14.7	1.73	16.2	1.92	17.7	2.12	20.7	2.54	23.6	2.95
	16	9.29	1.11	11.6	1.37	14.7	1.76	16.2	1.96	17.7	2.16	20.7	2.58	23.6	3.01
	18	9.29	1.13	11.6	1.40	14.7	1.79	16.2	1.99	17.7	2.20	20.7	2.64	23.6	3.07
	20	9.29	1.15	11.6	1.42	14.7	1.82	16.2	2.03	17.7	2.25	20.7	2.71	23.6	3.28
	21	9.29	1.16	11.6	1.43	14.7	1.84	16.2	2.05	17.7	2.27	20.7	2.80	23.6	3.40
	23	9.29	1.18	11.6	1.46	14.7	1.88	16.2	2.13	17.7	2.41	20.7	3.00	23.6	3.64
	25	9.29	1.20	11.6	1.50	14.7	2.00	16.2	2.28	17.7	2.57	20.7	3.21	23.6	3.90
	27	9.29	1.25	11.6	1.59	14.7	2.13	16.2	2.43	17.7	2.75	20.7	3.43	23.6	4.17
	29	9.29	1.32	11.6	1.69	14.7	2.27	16.2	2.59	17.7	2.93	20.7	3.67	23.6	4.46
	31	9.29	1.40	11.6	1.80	14.7	2.42	16.2	2.76	17.7	3.12	20.7	3.91	23.4	4.66
	33	9.29	1.48	11.6	1.90	14.7	2.57	16.2	2.93	17.7	3.32	20.7	4.17	23.0	4.83
	35	9.29	1.56	11.6	2.02	14.7	2.73	16.2	3.12	17.7	3.54	20.7	4.44	22.6	5.01
	37	9.29	1.65	11.6	2.14	14.7	2.90	16.2	3.32	17.7	3.76	20.7	4.74	22.3	5.19
	39	9.29	1.75	11.6	2.27	14.7	3.08	16.2	3.52	17.7	4.00	20.7	5.04	21.9	5.37

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (160)	10	8.25	0.96	10.3	1.17	13.0	1.47	14.4	1.63	15.7	1.80	18.4	2.14	21.0	2.48
	12	8.25	0.98	10.3	1.19	13.0	1.50	14.4	1.66	15.7	1.83	18.4	2.18	21.0	2.53
	14	8.25	0.99	10.3	1.21	13.0	1.52	14.4	1.69	15.7	1.86	18.4	2.22	21.0	2.58
	16	8.25	1.01	10.3	1.23	13.0	1.55	14.4	1.72	15.7	1.90	18.4	2.26	21.0	2.63
	18	8.25	1.02	10.3	1.25	13.0	1.58	14.4	1.75	15.7	1.93	18.4	2.30	21.0	2.68
	20	8.25	1.04	10.3	1.27	13.0	1.61	14.4	1.78	15.7	1.97	18.4	2.35	21.0	2.76
	21	8.25	1.04	10.3	1.28	13.0	1.62	14.4	1.80	15.7	1.99	18.4	2.38	21.0	2.86
	23	8.25	1.06	10.3	1.30	13.0	1.65	14.4	1.84	15.7	2.06	18.4	2.54	21.0	3.06
	25	8.25	1.08	10.3	1.32	13.0	1.73	14.4	1.95	15.7	2.20	18.4	2.72	21.0	3.28
	27	8.25	1.10	10.3	1.39	13.0	1.84	14.4	2.08	15.7	2.34	18.4	2.90	21.0	3.50
	29	8.25	1.17	10.3	1.48	13.0	1.96	14.4	2.22	15.7	2.49	18.4	3.10	21.0	3.74
	31	8.25	1.24	10.3	1.57	13.0	2.08	14.4	2.36	15.7	2.66	18.4	3.30	21.0	3.99
	33	8.25	1.31	10.3	1.66	13.0	2.21	14.4	2.51	15.7	2.82	18.4	3.51	21.0	4.26
	35	8.25	1.38	10.3	1.76	13.0	2.34	14.4	2.66	15.7	3.00	18.4	3.74	21.0	4.54
	37	8.25	1.46	10.3	1.86	13.0	2.48	14.4	2.83	15.7	3.19	18.4	3.98	21.0	4.83
	39	8.25	1.54	10.3	1.97	13.0	2.63	14.4	3.00	15.7	3.39	18.4	4.24	21.0	5.15
70% (140)	10	7.22	0.87	9.00	1.04	11.4	1.29	12.6	1.42	13.8	1.56	16.1	1.84	18.4	2.13
	12	7.22	0.88	9.00	1.05	11.4	1.31	12.6	1.45	13.8	1.59	16.1	1.88	18.4	2.17
	14	7.22	0.89	9.00	1.07	11.4	1.33	12.6	1.47	13.8	1.61	16.1	1.91	18.4	2.21
	16	7.22	0.90	9.00	1.08	11.4	1.35	12.6	1.50	13.8	1.64	16.1	1.95	18.4	2.25
	18	7.22	0.91	9.00	1.10	11.4	1.38	12.6	1.52	13.8	1.67	16.1	1.98	18.4	2.30
	20	7.22	0.93	9.00	1.12	11.4	1.40	12.6	1.55	13.8	1.70	16.1	2.02	18.4	2.34
	21	7.22	0.93	9.00	1.13	11.4	1.41	12.6	1.56	13.8	1.72	16.1	2.04	18.4	2.37
	23	7.22	0.95	9.00	1.15	11.4	1.44	12.6	1.59	13.8	1.75	16.1	2.12	18.4	2.54
	25	7.22	0.96	9.00	1.16	11.4	1.47	12.6	1.66	13.8	1.85	16.1	2.27	18.4	2.71
	27	7.22	0.98	9.00	1.21	11.4	1.57	12.6	1.76	13.8	1.97	16.1	2.42	18.4	2.89
	29	7.22	1.03	9.00	1.28	11.4	1.66	12.6	1.87	13.8	2.10	16.1	2.57	18.4	3.09
	31	7.22	1.09	9.00	1.35	11.4	1.77	12.6	1.99	13.8	2.23	16.1	2.74	18.4	3.29
	33	7.22	1.15	9.00	1.43	11.4	1.87	12.6	2.11	13.8	2.37	16.1	2.92	18.4	3.50
	35	7.22	1.21	9.00	1.51	11.4	1.98	12.6	2.24	13.8	2.51	16.1	3.10	18.4	3.73
	37	7.22	1.27	9.00	1.60	11.4	2.10	12.6	2.38	13.8	2.67	16.1	3.30	18.4	3.97
	39	7.22	1.34	9.00	1.69	11.4	2.23	12.6	2.52	13.8	2.83	16.1	3.50	18.4	4.22
60% (120)	10	6.19	0.77	7.72	0.91	9.78	1.12	10.8	1.22	11.8	1.34	13.8	1.57	15.8	1.80
	12	6.19	0.78	7.72	0.93	9.78	1.13	10.8	1.24	11.8	1.36	13.8	1.59	15.8	1.83
	14	6.19	0.79	7.72	0.94	9.78	1.15	10.8	1.26	11.8	1.38	13.8	1.62	15.8	1.86
	16	6.19	0.80	7.72	0.95	9.78	1.17	10.8	1.28	11.8	1.40	13.8	1.65	15.8	1.90
	18	6.19	0.81	7.72	0.96	9.78	1.19	10.8	1.30	11.8	1.43	13.8	1.68	15.8	1.93
	20	6.19	0.82	7.72	0.98	9.78	1.21	10.8	1.33	11.8	1.45	13.8	1.71	15.8	1.97
	21	6.19	0.83	7.72	0.99	9.78	1.22	10.8	1.34	11.8	1.46	13.8	1.72	15.8	1.99
	23	6.19	0.84	7.72	1.00	9.78	1.24	10.8	1.36	11.8	1.49	13.8	1.76	15.8	2.06
	25	6.19	0.85	7.72	1.02	9.78	1.26	10.8	1.39	11.8	1.53	13.8	1.86	15.8	2.20
	27	6.19	0.86	7.72	1.03	9.78	1.32	10.8	1.47	11.8	1.63	13.8	1.98	15.8	2.34
	29	6.19	0.90	7.72	1.09	9.78	1.40	10.8	1.56	11.8	1.73	13.8	2.10	15.8	2.50
	31	6.19	0.94	7.72	1.16	9.78	1.48	10.8	1.65	11.8	1.84	13.8	2.24	15.8	2.66
	33	6.19	1.00	7.72	1.22	9.78	1.57	10.8	1.75	11.8	1.95	13.8	2.38	15.8	2.83
	35	6.19	1.05	7.72	1.29	9.78	1.66	10.8	1.86	11.8	2.07	13.8	2.52	15.8	3.01
	37	6.19	1.10	7.72	1.36	9.78	1.75	10.8	1.97	11.8	2.19	13.8	2.68	15.8	3.20
	39	6.19	1.16	7.72	1.43	9.78	1.85	10.8	2.08	11.8	2.32	13.8	2.84	15.8	3.40
50% (100)	10	5.16	0.69	6.43	0.80	8.15	0.95	9.00	1.04	9.84	1.12	11.5	1.30	13.1	1.49
	12	5.16	0.69	6.43	0.80	8.15	0.97	9.00	1.05	9.84	1.14	11.5	1.32	13.1	1.51
	14	5.16	0.70	6.43	0.81	8.15	0.98	9.00	1.07	9.84	1.16	11.5	1.34	13.1	1.54
	16	5.16	0.71	6.43	0.82	8.15	1.00	9.00	1.08	9.84	1.18	11.5	1.37	13.1	1.56
	18	5.16	0.72	6.43	0.84	8.15	1.01	9.00	1.10	9.84	1.19	11.5	1.39	13.1	1.59
	20	5.16	0.72	6.43	0.85	8.15	1.02	9.00	1.12	9.84	1.21	11.5	1.41	13.1	1.62
	21	5.16	0.73	6.43	0.85	8.15	1.03	9.00	1.13	9.84	1.22	11.5	1.43	13.1	1.63
	23	5.16	0.74	6.43	0.86	8.15	1.05	9.00	1.14	9.84	1.24	11.5	1.45	13.1	1.66
	25	5.16	0.75	6.43	0.88	8.15	1.06	9.00	1.16	9.84	1.27	11.5	1.49	13.1	1.74
	27	5.16	0.76	6.43	0.89	8.15	1.09	9.00	1.20	9.84	1.33	11.5	1.58	13.1	1.85
	29	5.16	0.77	6.43	0.93	8.15	1.15	9.00	1.28	9.84	1.41	11.5	1.68	13.1	1.97
	31	5.16	0.81	6.43	0.98	8.15	1.22	9.00	1.35	9.84	1.49	11.5	1.78	13.1	2.10
	33	5.16	0.86	6.43	1.03	8.15	1.29	9.00	1.43	9.84	1.58	11.5	1.89	13.1	2.23
	35	5.16	0.90	6.43	1.08	8.15	1.36	9.00	1.51	9.84	1.67	11.5	2.01	13.1	2.36
	37	5.16	0.95	6.43	1.14	8.15	1.44	9.00	1.60	9.84	1.77	11.5	2.13	13.1	2.51
	39	5.16	0.99	6.43	1.20	8.15	1.52	9.00	1.69	9.84	1.87	11.5	2.25	13.1	2.66

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ8TY1 Cooling capacity (Capacity correction factor: 0.85) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (260)	10	12.7	1.43	15.8	1.80	20.0	2.35	22.1	2.63	24.2	2.92	28.1	3.45	28.8	3.30
	12	12.7	1.46	15.8	1.83	20.0	2.39	22.1	2.68	24.2	2.97	27.7	3.43	28.4	3.28
	14	12.7	1.48	15.8	1.87	20.0	2.44	22.1	2.73	24.2	3.03	27.3	3.41	28.1	3.26
	16	12.7	1.50	15.8	1.90	20.0	2.48	22.1	2.78	24.2	3.09	27.0	3.40	27.7	3.44
	18	12.7	1.53	15.8	1.94	20.0	2.53	22.1	2.84	24.2	3.15	26.6	3.58	27.3	3.61
	20	12.7	1.56	15.8	1.98	20.0	2.58	22.1	2.97	24.2	3.39	26.2	3.75	27.0	3.79
	21	12.7	1.57	15.8	1.99	20.0	2.67	22.1	3.07	24.2	3.51	26.1	3.84	26.8	3.88
	23	12.7	1.60	15.8	2.07	20.0	2.86	22.1	3.29	24.2	3.76	25.7	4.01	26.4	4.06
	25	12.7	1.67	15.8	2.20	20.0	3.05	22.1	3.52	24.2	4.03	25.3	4.19	26.1	4.24
	27	12.7	1.77	15.8	2.35	20.0	3.26	22.1	3.77	24.2	4.31	25.0	4.37	25.7	4.42
	29	12.7	1.89	15.8	2.50	20.0	3.48	22.1	4.02	23.8	4.49	24.6	4.54	25.3	4.60
	31	12.7	2.00	15.8	2.67	20.0	3.72	22.1	4.30	23.5	4.67	24.2	4.72	25.0	4.78
	33	12.7	2.13	15.8	2.84	20.0	3.96	22.1	4.58	23.1	4.84	23.9	4.90	24.6	4.96
	35	12.7	2.26	15.8	3.01	20.0	4.22	22.1	4.89	22.7	5.02	23.5	5.08	24.2	5.14
	37	12.7	2.39	15.8	3.20	20.0	4.49	22.0	5.16	22.4	5.20	23.1	5.26	23.9	5.33
	39	12.7	2.54	15.8	3.40	20.0	4.79	21.6	5.34	22.0	5.37	22.8	5.44	23.5	5.51
120% (240)	10	11.7	1.32	14.6	1.66	18.5	2.14	20.4	2.40	22.3	2.66	26.1	3.19	28.3	3.39
	12	11.7	1.34	14.6	1.68	18.5	2.18	20.4	2.44	22.3	2.71	26.1	3.25	28.0	3.38
	14	11.7	1.37	14.6	1.71	18.5	2.22	20.4	2.49	22.3	2.76	26.1	3.31	27.6	3.36
	16	11.7	1.39	14.6	1.74	18.5	2.27	20.4	2.54	22.3	2.81	26.1	3.37	27.2	3.42
	18	11.7	1.41	14.6	1.78	18.5	2.31	20.4	2.59	22.3	2.87	26.1	3.54	26.9	3.59
	20	11.7	1.44	14.6	1.81	18.5	2.36	20.4	2.64	22.3	3.01	25.8	3.73	26.5	3.77
	21	11.7	1.45	14.6	1.83	18.5	2.38	20.4	2.74	22.3	3.12	25.6	3.82	26.3	3.85
	23	11.7	1.48	14.6	1.86	18.5	2.55	20.4	2.93	22.3	3.34	25.3	3.99	26.0	4.03
	25	11.7	1.52	14.6	1.99	18.5	2.73	20.4	3.14	22.3	3.58	24.9	4.17	25.6	4.21
	27	11.7	1.61	14.6	2.12	18.5	2.91	20.4	3.35	22.3	3.82	24.6	4.34	25.2	4.39
	29	11.7	1.71	14.6	2.25	18.5	3.11	20.4	3.58	22.3	4.08	24.2	4.52	24.9	4.56
	31	11.7	1.82	14.6	2.40	18.5	3.31	20.4	3.82	22.3	4.36	23.8	4.69	24.5	4.74
	33	11.7	1.93	14.6	2.55	18.5	3.53	20.4	4.07	22.3	4.65	23.5	4.87	24.1	4.92
	35	11.7	2.04	14.6	2.71	18.5	3.76	20.4	4.34	22.3	4.96	23.1	5.05	23.8	5.10
	37	11.7	2.17	14.6	2.87	18.5	4.00	20.4	4.62	22.0	5.17	22.7	5.23	23.4	5.29
	39	11.7	2.29	14.6	3.05	18.5	4.25	20.4	4.92	21.7	5.34	22.4	5.41	23.1	5.47
110% (220)	10	10.7	1.22	13.4	1.51	16.9	1.95	18.7	2.17	20.4	2.40	23.9	2.88	27.3	3.36
	12	10.7	1.23	13.4	1.54	16.9	1.98	18.7	2.21	20.4	2.45	23.9	2.94	27.3	3.42
	14	10.7	1.25	13.4	1.56	16.9	2.02	18.7	2.25	20.4	2.50	23.9	2.99	27.1	3.45
	16	10.7	1.27	13.4	1.59	16.9	2.05	18.7	2.30	20.4	2.54	23.9	3.05	26.8	3.43
	18	10.7	1.30	13.4	1.62	16.9	2.09	18.7	2.34	20.4	2.59	23.9	3.11	26.4	3.57
	20	10.7	1.32	13.4	1.65	16.9	2.14	18.7	2.39	20.4	2.66	23.9	3.34	26.0	3.74
	21	10.7	1.33	13.4	1.66	16.9	2.16	18.7	2.42	20.4	2.75	23.9	3.46	25.9	3.83
	23	10.7	1.35	13.4	1.70	16.9	2.27	18.7	2.59	20.4	2.94	23.9	3.71	25.5	4.00
	25	10.7	1.38	13.4	1.78	16.9	2.42	18.7	2.77	20.4	3.15	23.9	3.97	25.1	4.18
	27	10.7	1.46	13.4	1.90	16.9	2.58	18.7	2.96	20.4	3.37	23.9	4.25	24.8	4.35
	29	10.7	1.55	13.4	2.02	16.9	2.75	18.7	3.16	20.4	3.59	23.8	4.49	24.4	4.53
	31	10.7	1.64	13.4	2.14	16.9	2.93	18.7	3.37	20.4	3.83	23.4	4.66	24.0	4.71
	33	10.7	1.74	13.4	2.28	16.9	3.12	18.7	3.59	20.4	4.09	23.1	4.84	23.7	4.89
	35	10.7	1.84	13.4	2.42	16.9	3.32	18.7	3.82	20.4	4.36	22.7	5.02	23.3	5.07
	37	10.7	1.95	13.4	2.56	16.9	3.53	18.7	4.07	20.4	4.64	22.3	5.19	23.0	5.25
	39	10.7	2.06	13.4	2.72	16.9	3.75	18.7	4.33	20.4	4.94	22.0	5.37	22.6	5.43
100% (200)	10	9.74	1.11	12.1	1.37	15.4	1.75	17.0	1.95	18.6	2.16	21.8	2.58	24.8	3.01
	12	9.74	1.13	12.1	1.40	15.4	1.78	17.0	1.99	18.6	2.20	21.8	2.63	24.8	3.06
	14	9.74	1.15	12.1	1.42	15.4	1.82	17.0	2.02	18.6	2.24	21.8	2.68	24.8	3.12
	16	9.74	1.17	12.1	1.44	15.4	1.85	17.0	2.06	18.6	2.28	21.8	2.73	24.8	3.18
	18	9.74	1.18	12.1	1.47	15.4	1.88	17.0	2.10	18.6	2.33	21.8	2.79	24.8	3.28
	20	9.74	1.20	12.1	1.49	15.4	1.92	17.0	2.14	18.6	2.37	21.8	2.90	24.8	3.52
	21	9.74	1.21	12.1	1.51	15.4	1.94	17.0	2.16	18.6	2.41	21.8	3.00	24.8	3.65
	23	9.74	1.23	12.1	1.53	15.4	2.00	17.0	2.28	18.6	2.57	21.8	3.22	24.8	3.91
	25	9.74	1.25	12.1	1.59	15.4	2.13	17.0	2.43	18.6	2.75	21.8	3.45	24.7	4.15
	27	9.74	1.31	12.1	1.69	15.4	2.27	17.0	2.59	18.6	2.94	21.8	3.68	24.3	4.32
	29	9.74	1.39	12.1	1.79	15.4	2.42	17.0	2.76	18.6	3.13	21.8	3.93	23.9	4.50
	31	9.74	1.47	12.1	1.90	15.4	2.58	17.0	2.95	18.6	3.34	21.8	4.20	23.6	4.68
	33	9.74	1.56	12.1	2.02	15.4	2.74	17.0	3.14	18.6	3.56	21.8	4.48	23.2	4.85
	35	9.74	1.65	12.1	2.14	15.4	2.91	17.0	3.34	18.6	3.79	21.8	4.78	22.9	5.03
	37	9.74	1.75	12.1	2.27	15.4	3.09	17.0	3.55	18.6	4.03	21.8	5.09	22.5	5.21
	39	9.74	1.85	12.1	2.41	15.4	3.29	17.0	3.77	18.6	4.29	21.6	5.33	22.1	5.38
90% (180)	10	8.77	1.02	10.9	1.24	13.9	1.57	15.3	1.74	16.7	1.92	19.6	2.29	22.3	2.66
	12	8.77	1.03	10.9	1.26	13.9	1.60	15.3	1.77	16.7	1.95	19.6	2.33	22.3	2.71
	14	8.77	1.04	10.9	1.28	13.9	1.62	15.3	1.80	16.7	1.99	19.6	2.38	22.3	2.76
	16	8.77	1.06	10.9	1.30	13.9	1.65	15.3	1.84	16.7	2.03	19.6	2.42	22.3	2.82
	18	8.77	1.08	10.9	1.32	13.9	1.68	15.3	1.87	16.7	2.07	19.6	2.47	22.3	2.87
	20	8.77	1.09	10.9	1.34	13.9	1.71	15.3	1.91	16.7	2.11	19.6	2.52	22.3	3.01
	21	8.77	1.10	10.9	1.36	13.9	1.73	15.3	1.92	16.7	2.13	19.6	2.59	22.3	3.12
	23	8.77	1.12	10.9	1.38	13.9	1.76	15.3	1.98	16.7	2.23	19.6	2.77	22.3	3.34
	25	8.77	1.14	10.9	1.40	13.9	1.86	15.3	2.11	16.7	2.38	19.6	2.96	22.3	3.58
	27	8.77	1.17	10.9	1.49	13.9	1.98	15.3	2.25	16.7	2.54	19.6	3.16	22.3	3.83
	29	8.77	1.24	10.9	1.58	13.9	2.11	15.3	2.40	16.7	2.71	19.6	3.37	22.3	4.09
	31	8.77	1.32	10.9	1.68	13.9	2.24	15.3	2.55	16.7	2.88	19.6	3.60	22.3	4.37
	33	8.77	1.39	10.9	1.78	13.9	2.38	15.3	2.71	16.7	3.07	19.6	3.84	22.3	4.66
	35	8.77	1.47	10.9	1.89	13.9	2.53	15.3	2.89	16.7	3.26	19.6	4.09	22.3	4.97
	37	8.77	1.55	10.9	2.00	13.9	2.69	15.3	3.07	16.7	3.47	19.6	4.35	22.0	5.17
	39	8.77	1.64	10.9	2.11	13.9	2.85	15.3	3.26	16.7	3.69	19.6	4.63	21.7	5.34

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (160)	10	7.80	0.92	9.72	1.11	12.3	1.39	13.6	1.54	14.9	1.69	17.4	2.01	19.8	2.32
	12	7.80	0.93	9.72	1.13	12.3	1.41	13.6	1.56	14.9	1.72	17.4	2.04	19.8	2.37
	14	7.80	0.95	9.72	1.14	12.3	1.44	13.6	1.59	14.9	1.75	17.4	2.08	19.8	2.41
	16	7.80	0.96	9.72	1.16	12.3	1.46	13.6	1.62	14.9	1.78	17.4	2.12	19.8	2.46
	18	7.80	0.97	9.72	1.18	12.3	1.49	13.6	1.65	14.9	1.81	17.4	2.16	19.8	2.51
	20	7.80	0.99	9.72	1.20	12.3	1.51	13.6	1.68	14.9	1.85	17.4	2.20	19.8	2.56
	21	7.80	0.99	9.72	1.21	12.3	1.53	13.6	1.69	14.9	1.87	17.4	2.22	19.8	2.64
	23	7.80	1.01	9.72	1.23	12.3	1.56	13.6	1.73	14.9	1.91	17.4	2.35	19.8	2.82
	25	7.80	1.02	9.72	1.25	12.3	1.61	13.6	1.82	14.9	2.04	17.4	2.51	19.8	3.02
	27	7.80	1.04	9.72	1.31	12.3	1.71	13.6	1.94	14.9	2.17	17.4	2.68	19.8	3.22
	29	7.80	1.10	9.72	1.39	12.3	1.82	13.6	2.06	14.9	2.31	17.4	2.86	19.8	3.44
	31	7.80	1.17	9.72	1.47	12.3	1.94	13.6	2.19	14.9	2.46	17.4	3.04	19.8	3.67
	33	7.80	1.23	9.72	1.56	12.3	2.05	13.6	2.33	14.9	2.62	17.4	3.24	19.8	3.91
	35	7.80	1.30	9.72	1.65	12.3	2.18	13.6	2.47	14.9	2.78	17.4	3.45	19.8	4.17
	37	7.80	1.37	9.72	1.74	12.3	2.31	13.6	2.62	14.9	2.95	17.4	3.67	19.8	4.44
	39	7.80	1.45	9.72	1.84	12.3	2.45	13.6	2.78	14.9	3.14	17.4	3.90	19.8	4.73
70% (140)	10	6.82	0.83	8.50	0.99	10.8	1.22	11.9	1.34	13.0	1.47	15.2	1.73	17.4	2.00
	12	6.82	0.84	8.50	1.00	10.8	1.24	11.9	1.37	13.0	1.50	15.2	1.76	17.4	2.04
	14	6.82	0.85	8.50	1.02	10.8	1.26	11.9	1.39	13.0	1.52	15.2	1.80	17.4	2.07
	16	6.82	0.86	8.50	1.03	10.8	1.28	11.9	1.41	13.0	1.55	15.2	1.83	17.4	2.11
	18	6.82	0.87	8.50	1.05	10.8	1.30	11.9	1.44	13.0	1.57	15.2	1.86	17.4	2.15
	20	6.82	0.89	8.50	1.06	10.8	1.32	11.9	1.46	13.0	1.60	15.2	1.90	17.4	2.20
	21	6.82	0.89	8.50	1.07	10.8	1.34	11.9	1.47	13.0	1.62	15.2	1.92	17.4	2.22
	23	6.82	0.90	8.50	1.09	10.8	1.36	11.9	1.50	13.0	1.65	15.2	1.97	17.4	2.34
	25	6.82	0.92	8.50	1.11	10.8	1.38	11.9	1.55	13.0	1.72	15.2	2.10	17.4	2.50
	27	6.82	0.93	8.50	1.14	10.8	1.47	11.9	1.64	13.0	1.83	15.2	2.24	17.4	2.67
	29	6.82	0.97	8.50	1.20	10.8	1.56	11.9	1.75	13.0	1.95	15.2	2.39	17.4	2.85
	31	6.82	1.03	8.50	1.27	10.8	1.65	11.9	1.86	13.0	2.07	15.2	2.54	17.4	3.04
	33	6.82	1.09	8.50	1.35	10.8	1.75	11.9	1.97	13.0	2.20	15.2	2.70	17.4	3.23
	35	6.82	1.14	8.50	1.42	10.8	1.85	11.9	2.09	13.0	2.34	15.2	2.87	17.4	3.44
	37	6.82	1.21	8.50	1.50	10.8	1.96	11.9	2.21	13.0	2.48	15.2	3.05	17.4	3.66
	39	6.82	1.27	8.50	1.59	10.8	2.08	11.9	2.34	13.0	2.63	15.2	3.24	17.4	3.89
60% (120)	10	5.85	0.74	7.29	0.87	9.24	1.06	10.2	1.16	11.2	1.26	13.1	1.48	14.9	1.69
	12	5.85	0.75	7.29	0.88	9.24	1.08	10.2	1.18	11.2	1.28	13.1	1.50	14.9	1.72
	14	5.85	0.76	7.29	0.90	9.24	1.09	10.2	1.20	11.2	1.30	13.1	1.53	14.9	1.75
	16	5.85	0.77	7.29	0.91	9.24	1.11	10.2	1.22	11.2	1.32	13.1	1.55	14.9	1.78
	18	5.85	0.78	7.29	0.92	9.24	1.13	10.2	1.23	11.2	1.35	13.1	1.58	14.9	1.82
	20	5.85	0.79	7.29	0.93	9.24	1.14	10.2	1.26	11.2	1.37	13.1	1.61	14.9	1.85
	21	5.85	0.79	7.29	0.94	9.24	1.15	10.2	1.27	11.2	1.38	13.1	1.62	14.9	1.87
	23	5.85	0.80	7.29	0.95	9.24	1.17	10.2	1.29	11.2	1.41	13.1	1.65	14.9	1.91
	25	5.85	0.81	7.29	0.97	9.24	1.19	10.2	1.31	11.2	1.44	13.1	1.73	14.9	2.04
	27	5.85	0.83	7.29	0.98	9.24	1.24	10.2	1.38	11.2	1.53	13.1	1.84	14.9	2.17
	29	5.85	0.85	7.29	1.04	9.24	1.31	10.2	1.46	11.2	1.62	13.1	1.96	14.9	2.32
	31	5.85	0.90	7.29	1.09	9.24	1.39	10.2	1.55	11.2	1.72	13.1	2.08	14.9	2.46
	33	5.85	0.95	7.29	1.16	9.24	1.47	10.2	1.64	11.2	1.82	13.1	2.21	14.9	2.62
	35	5.85	1.00	7.29	1.22	9.24	1.56	10.2	1.74	11.2	1.93	13.1	2.34	14.9	2.78
	37	5.85	1.05	7.29	1.28	9.24	1.64	10.2	1.84	11.2	2.04	13.1	2.49	14.9	2.96
	39	5.85	1.10	7.29	1.35	9.24	1.74	10.2	1.94	11.2	2.17	13.1	2.64	14.9	3.14
50% (100)	10	4.87	0.66	6.07	0.76	7.70	0.91	8.50	0.99	9.30	1.07	10.9	1.23	12.4	1.40
	12	4.87	0.67	6.07	0.77	7.70	0.92	8.50	1.00	9.30	1.08	10.9	1.25	12.4	1.42
	14	4.87	0.68	6.07	0.78	7.70	0.94	8.50	1.02	9.30	1.10	10.9	1.27	12.4	1.45
	16	4.87	0.68	6.07	0.79	7.70	0.95	8.50	1.03	9.30	1.12	10.9	1.29	12.4	1.47
	18	4.87	0.69	6.07	0.80	7.70	0.96	8.50	1.05	9.30	1.13	10.9	1.31	12.4	1.50
	20	4.87	0.70	6.07	0.81	7.70	0.98	8.50	1.06	9.30	1.15	10.9	1.34	12.4	1.53
	21	4.87	0.70	6.07	0.82	7.70	0.98	8.50	1.07	9.30	1.16	10.9	1.35	12.4	1.54
	23	4.87	0.71	6.07	0.83	7.70	1.00	8.50	1.09	9.30	1.18	10.9	1.37	12.4	1.57
	25	4.87	0.72	6.07	0.84	7.70	1.01	8.50	1.10	9.30	1.20	10.9	1.40	12.4	1.63
	27	4.87	0.73	6.07	0.85	7.70	1.03	8.50	1.14	9.30	1.25	10.9	1.48	12.4	1.73
	29	4.87	0.74	6.07	0.88	7.70	1.09	8.50	1.20	9.30	1.32	10.9	1.57	12.4	1.84
	31	4.87	0.78	6.07	0.93	7.70	1.15	8.50	1.27	9.30	1.40	10.9	1.67	12.4	1.95
	33	4.87	0.82	6.07	0.98	7.70	1.22	8.50	1.35	9.30	1.48	10.9	1.77	12.4	2.07
	35	4.87	0.86	6.07	1.03	7.70	1.29	8.50	1.42	9.30	1.57	10.9	1.87	12.4	2.20
	37	4.87	0.90	6.07	1.08	7.70	1.36	8.50	1.50	9.30	1.66	10.9	1.98	12.4	2.33
	39	4.87	0.95	6.07	1.14	7.70	1.43	8.50	1.59	9.30	1.75	10.9	2.10	12.4	2.47

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

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When only Residential indoor units or *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ10TY1 Cooling capacity (Capacity correction factor: 1.0) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (325)	10	18.6	2.30	23.2	2.93	29.4	3.84	32.5	4.30	35.1	4.67	36.2	4.43	37.3	4.19
	12	18.6	2.34	23.2	2.98	29.4	3.91	32.5	4.38	34.6	4.65	35.8	4.40	36.9	4.25
	14	18.6	2.38	23.2	3.04	29.4	3.98	32.5	4.47	34.2	4.62	35.3	4.44	36.4	4.49
	16	18.6	2.42	23.2	3.09	29.4	4.06	32.5	4.55	33.7	4.62	34.9	4.68	36.0	4.73
	18	18.6	2.47	23.2	3.15	29.4	4.14	32.5	4.76	33.3	4.85	34.4	4.92	35.5	4.97
	20	18.6	2.51	23.2	3.22	29.4	4.42	32.3	5.06	32.8	5.09	34.0	5.16	35.1	5.22
	21	18.6	2.54	23.2	3.26	29.4	4.58	32.0	5.18	32.6	5.21	33.7	5.28	34.8	5.34
	23	18.6	2.60	23.2	3.49	29.4	4.91	31.6	5.41	32.1	5.45	33.3	5.52	34.4	5.59
	25	18.6	2.77	23.2	3.73	29.4	5.26	31.1	5.65	31.7	5.69	32.8	5.76	33.9	5.83
	27	18.6	2.95	23.2	3.98	29.4	5.62	30.7	5.89	31.2	5.93	32.4	6.01	33.5	6.08
	29	18.6	3.15	23.2	4.25	29.4	6.01	30.2	6.12	30.8	6.17	31.9	6.25	33.0	6.33
	31	18.6	3.35	23.2	4.53	29.2	6.32	29.7	6.36	30.3	6.41	31.5	6.50	32.5	6.58
	33	18.6	3.56	23.2	4.82	28.7	6.56	29.3	6.60	29.9	6.65	31.0	6.75	32.1	6.84
	35	18.6	3.78	23.2	5.14	28.3	6.79	28.8	6.84	29.4	6.89	30.5	6.99	31.6	7.09
	37	18.6	4.02	23.2	5.47	27.8	7.03	28.4	7.09	29.0	7.14	30.1	7.24	31.2	7.35
	39	18.6	4.26	23.2	5.82	27.4	7.28	27.9	7.33	28.5	7.39	29.6	7.50	30.7	7.60
120% (300)	10	17.2	2.11	21.4	2.68	27.2	3.50	30.0	3.92	32.8	4.35	35.6	4.56	36.6	4.34
	12	17.2	2.15	21.4	2.72	27.2	3.56	30.0	3.99	32.8	4.43	35.2	4.53	36.2	4.31
	14	17.2	2.19	21.4	2.77	27.2	3.63	30.0	4.07	32.8	4.52	34.7	4.50	35.7	4.46
	16	17.2	2.22	21.4	2.83	27.2	3.70	30.0	4.15	32.8	4.61	34.3	4.65	35.3	4.70
	18	17.2	2.26	21.4	2.88	27.2	3.78	30.0	4.23	32.8	4.83	33.8	4.88	34.8	4.94
	20	17.2	2.31	21.4	2.94	27.2	3.93	30.0	4.54	32.3	5.06	33.4	5.12	34.4	5.18
	21	17.2	2.33	21.4	2.97	27.2	4.07	30.0	4.71	32.1	5.18	33.1	5.24	34.1	5.30
	23	17.2	2.37	21.4	3.13	27.2	4.36	30.0	5.05	31.6	5.42	32.7	5.48	33.7	5.54
	25	17.2	2.50	21.4	3.34	27.2	4.67	30.0	5.40	31.2	5.65	32.2	5.72	33.2	5.79
	27	17.2	2.67	21.4	3.56	27.2	4.99	30.0	5.78	30.7	5.89	31.8	5.96	32.8	6.03
	29	17.2	2.84	21.4	3.80	27.2	5.33	29.7	6.09	30.3	6.13	31.3	6.21	32.3	6.28
	31	17.2	3.02	21.4	4.05	27.2	5.69	29.3	6.33	29.8	6.37	30.9	6.45	31.9	6.53
	33	17.2	3.20	21.4	4.31	27.2	6.07	28.8	6.56	29.4	6.61	30.4	6.70	31.4	6.78
	35	17.2	3.40	21.4	4.58	27.2	6.47	28.4	6.80	28.9	6.85	29.9	6.94	31.0	7.03
	37	17.2	3.61	21.4	4.88	27.2	6.90	27.9	7.04	28.4	7.09	29.5	7.19	30.5	7.28
	39	17.2	3.83	21.4	5.18	26.9	7.23	27.5	7.29	28.0	7.34	29.0	7.44	30.0	7.54
110% (275)	10	15.8	1.93	19.7	2.43	24.9	3.17	27.5	3.54	30.1	3.93	35.0	4.68	36.0	4.49
	12	15.8	1.96	19.7	2.48	24.9	3.23	27.5	3.61	30.1	4.01	34.6	4.66	35.5	4.46
	14	15.8	2.00	19.7	2.52	24.9	3.29	27.5	3.68	30.1	4.08	34.1	4.64	35.1	4.43
	16	15.8	2.03	19.7	2.57	24.9	3.35	27.5	3.75	30.1	4.16	33.7	4.62	34.6	4.66
	18	15.8	2.07	19.7	2.62	24.9	3.42	27.5	3.83	30.1	4.25	33.2	4.85	34.1	4.90
	20	15.8	2.10	19.7	2.67	24.9	3.48	27.5	4.00	30.1	4.56	32.8	5.09	33.7	5.14
	21	15.8	2.12	19.7	2.69	24.9	3.59	27.5	4.14	30.1	4.73	32.5	5.21	33.5	5.26
	23	15.8	2.16	19.7	2.78	24.9	3.85	27.5	4.44	30.1	5.07	32.1	5.44	33.0	5.50
	25	15.8	2.25	19.7	2.97	24.9	4.12	27.5	4.75	30.1	5.43	31.6	5.68	32.5	5.74
	27	15.8	2.39	19.7	3.17	24.9	4.40	27.5	5.08	30.1	5.81	31.2	5.92	32.1	5.99
	29	15.8	2.54	19.7	3.38	24.9	4.69	27.5	5.42	29.8	6.09	30.7	6.16	31.6	6.23
	31	15.8	2.70	19.7	3.59	24.9	5.01	27.5	5.79	29.3	6.33	30.3	6.40	31.2	6.48
	33	15.8	2.87	19.7	3.82	24.9	5.34	27.5	6.17	28.8	6.57	29.8	6.65	30.7	6.72
	35	15.8	3.04	19.7	4.06	24.9	5.69	27.5	6.58	28.4	6.80	29.3	6.89	30.3	6.97
	37	15.8	3.23	19.7	4.32	24.9	6.06	27.4	7.00	27.9	7.05	28.9	7.13	29.8	7.22
	39	15.8	3.42	19.7	4.59	24.9	6.45	27.0	7.24	27.5	7.29	28.4	7.38	29.4	7.47
100% (250)	10	14.3	1.76	17.9	2.20	22.6	2.84	25.0	3.18	27.3	3.52	32.0	4.23	35.3	4.63
	12	14.3	1.79	17.9	2.24	22.6	2.90	25.0	3.24	27.3	3.59	32.0	4.31	34.8	4.61
	14	14.3	1.82	17.9	2.28	22.6	2.95	25.0	3.30	27.3	3.66	32.0	4.39	34.4	4.58
	16	14.3	1.85	17.9	2.32	22.6	3.01	25.0	3.36	27.3	3.73	32.0	4.47	33.9	4.63
	18	14.3	1.88	17.9	2.36	22.6	3.06	25.0	3.43	27.3	3.80	32.0	4.66	33.5	4.86
	20	14.3	1.91	17.9	2.40	22.6	3.12	25.0	3.50	27.3	3.97	32.0	5.01	33.0	5.10
	21	14.3	1.93	17.9	2.43	22.6	3.16	25.0	3.61	27.3	4.11	31.9	5.17	32.8	5.22
	23	14.3	1.96	17.9	2.47	22.6	3.37	25.0	3.87	27.3	4.40	31.5	5.41	32.3	5.46
	25	14.3	2.01	17.9	2.63	22.6	3.60	25.0	4.13	27.3	4.71	31.0	5.64	31.9	5.70
	27	14.3	2.14	17.9	2.80	22.6	3.84	25.0	4.42	27.3	5.04	30.6	5.88	31.4	5.94
	29	14.3	2.27	17.9	2.98	22.6	4.10	25.0	4.72	27.3	5.38	30.1	6.12	31.0	6.18
	31	14.3	2.41	17.9	3.17	22.6	4.37	25.0	5.03	27.3	5.74	29.7	6.36	30.5	6.42
	33	14.3	2.55	17.9	3.37	22.6	4.65	25.0	5.36	27.3	6.13	29.2	6.60	30.0	6.67
	35	14.3	2.71	17.9	3.58	22.6	4.95	25.0	5.71	27.3	6.53	28.7	6.84	29.6	6.91
	37	14.3	2.87	17.9	3.80	22.6	5.27	25.0	6.08	27.3	6.96	28.3	7.08	29.1	7.16
	39	14.3	3.04	17.9	4.03	22.6	5.61	25.0	6.48	27.0	7.24	27.8	7.32	28.7	7.40
90% (225)	10	12.9	1.59	16.1	1.97	20.4	2.53	22.5	2.82	24.6	3.12	28.8	3.74	32.8	4.36
	12	12.9	1.62	16.1	2.00	20.4	2.58	22.5	2.87	24.6	3.18	28.8	3.81	32.8	4.44
	14	12.9	1.64	16.1	2.04	20.4	2.62	22.5	2.93	24.6	3.24	28.8	3.88	32.8	4.52
	16	12.9	1.67	16.1	2.07	20.4	2.67	22.5	2.98	24.6	3.30	28.8	3.96	32.8	4.61
	18	12.9	1.69	16.1	2.11	20.4	2.72	22.5	3.04	24.6	3.37	28.8	4.04	32.8	4.83
	20	12.9	1.72	16.1	2.15	20.4	2.78	22.5	3.10	24.6	3.44	28.8	4.28	32.3	5.06
	21	12.9	1.74	16.1	2.17	20.4	2.80	22.5	3.13	24.6	3.53	28.8	4.43	32.1	5.18
	23	12.9	1.77	16.1	2.21	20.4	2.92	22.5	3.34	24.6	3.78	28.8	4.75	31.6	5.42
	25	12.9	1.80	16.1	2.30	20.4	3.12	22.5	3.57	24.6	4.04	28.8	5.09	31.2	5.65
	27	12.9	1.89	16.1	2.45	20.4	3.33	22.5	3.81	24.6	4.32	28.8	5.44	30.7	5.89
	29	12.9	2.01	16.1	2.61	20.4	3.54	22.5	4.06	24.6	4.61	28.8	5.81	30.3	6.13
	31	12.9	2.13	16.1	2.77	20.4	3.77	22.5	4.33	24.6	4.92	28.8	6.21	29.8	6.37
	33	12.9	2.26	16.1	2.94	20.4	4.02	22.5	4.61	24.6	5.24	28.6	6.55	29.4	6.61
	35	12.9	2.39	16.1	3.12	20.4	4.27	22.5	4.90	24.6	5.58	28.1	6.78	28.9	6.85
	37	12.9	2.53	16.1	3.31	20.4	4.54	22.5	5.22	24.6	5.95	27.7	7.02	28.4	7.09
	39	12.9	2.68	16.1	3.51	20.4	4.83	22.5	5.55	24.6	6.33	27.2	7.26	28.0	7.34

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (200)	10	11.5	1.43	14.3	1.75	18.1	2.23	20.0	2.48	21.9	2.74	25.6	3.27	29.2	3.80
	12	11.5	1.45	14.3	1.78	18.1	2.27	20.0	2.52	21.9	2.79	25.6	3.33	29.2	3.87
	14	11.5	1.47	14.3	1.81	18.1	2.31	20.0	2.57	21.9	2.84	25.6	3.39	29.2	3.95
	16	11.5	1.50	14.3	1.84	18.1	2.35	20.0	2.62	21.9	2.89	25.6	3.46	29.2	4.02
	18	11.5	1.52	14.3	1.87	18.1	2.39	20.0	2.67	21.9	2.95	25.6	3.52	29.2	4.10
	20	11.5	1.54	14.3	1.90	18.1	2.44	20.0	2.72	21.9	3.00	25.6	3.61	29.2	4.36
	21	11.5	1.55	14.3	1.92	18.1	2.46	20.0	2.74	21.9	3.03	25.6	3.74	29.2	4.52
	23	11.5	1.58	14.3	1.96	18.1	2.51	20.0	2.85	21.9	3.21	25.6	4.00	29.2	4.85
	25	11.5	1.61	14.3	2.00	18.1	2.67	20.0	3.04	21.9	3.43	25.6	4.28	29.2	5.19
	27	11.5	1.67	14.3	2.13	18.1	2.85	20.0	3.24	21.9	3.66	25.6	4.57	29.2	5.55
	29	11.5	1.77	14.3	2.26	18.1	3.03	20.0	3.45	21.9	3.91	25.6	4.88	29.2	5.93
	31	11.5	1.87	14.3	2.40	18.1	3.23	20.0	3.68	21.9	4.16	25.6	5.21	29.1	6.31
	33	11.5	1.98	14.3	2.55	18.1	3.43	20.0	3.91	21.9	4.43	25.6	5.55	28.7	6.55
	35	11.5	2.09	14.3	2.70	18.1	3.64	20.0	4.16	21.9	4.71	25.6	5.92	28.2	6.79
	37	11.5	2.21	14.3	2.86	18.1	3.87	20.0	4.42	21.9	5.02	25.6	6.30	27.8	7.03
	39	11.5	2.34	14.3	3.03	18.1	4.11	20.0	4.70	21.9	5.33	25.6	6.71	27.3	7.27
70% (175)	10	10.0	1.28	12.5	1.55	15.8	1.94	17.5	2.15	19.1	2.36	22.4	2.81	25.5	3.26
	12	10.0	1.30	12.5	1.57	15.8	1.98	17.5	2.19	19.1	2.41	22.4	2.86	25.5	3.32
	14	10.0	1.31	12.5	1.59	15.8	2.01	17.5	2.22	19.1	2.45	22.4	2.91	25.5	3.38
	16	10.0	1.33	12.5	1.62	15.8	2.04	17.5	2.26	19.1	2.49	22.4	2.97	25.5	3.45
	18	10.0	1.35	12.5	1.65	15.8	2.08	17.5	2.31	19.1	2.54	22.4	3.03	25.5	3.52
	20	10.0	1.37	12.5	1.67	15.8	2.12	17.5	2.35	19.1	2.59	22.4	3.09	25.5	3.60
	21	10.0	1.38	12.5	1.69	15.8	2.14	17.5	2.37	19.1	2.61	22.4	3.12	25.5	3.72
	23	10.0	1.40	12.5	1.72	15.8	2.18	17.5	2.42	19.1	2.69	22.4	3.32	25.5	3.99
	25	10.0	1.42	12.5	1.75	15.8	2.26	17.5	2.56	19.1	2.87	22.4	3.55	25.5	4.27
	27	10.0	1.46	12.5	1.83	15.8	2.41	17.5	2.72	19.1	3.06	22.4	3.78	25.5	4.56
	29	10.0	1.54	12.5	1.94	15.8	2.56	17.5	2.90	19.1	3.26	22.4	4.04	25.5	4.87
	31	10.0	1.63	12.5	2.06	15.8	2.72	17.5	3.08	19.1	3.47	22.4	4.30	25.5	5.19
	33	10.0	1.72	12.5	2.18	15.8	2.89	17.5	3.28	19.1	3.69	22.4	4.58	25.5	5.54
	35	10.0	1.82	12.5	2.31	15.8	3.06	17.5	3.48	19.1	3.92	22.4	4.88	25.5	5.90
	37	10.0	1.92	12.5	2.44	15.8	3.25	17.5	3.69	19.1	4.17	22.4	5.19	25.5	6.28
	39	10.0	2.02	12.5	2.58	15.8	3.45	17.5	3.92	19.1	4.42	22.4	5.52	25.5	6.69
60% (150)	10	8.60	1.13	10.7	1.35	13.6	1.67	15.0	1.84	16.4	2.01	19.2	2.37	21.9	2.74
	12	8.60	1.15	10.7	1.37	13.6	1.70	15.0	1.87	16.4	2.05	19.2	2.41	21.9	2.79
	14	8.60	1.16	10.7	1.39	13.6	1.72	15.0	1.90	16.4	2.08	19.2	2.46	21.9	2.84
	16	8.60	1.18	10.7	1.41	13.6	1.75	15.0	1.93	16.4	2.12	19.2	2.50	21.9	2.89
	18	8.60	1.19	10.7	1.43	13.6	1.78	15.0	1.96	16.4	2.15	19.2	2.55	21.9	2.95
	20	8.60	1.21	10.7	1.45	13.6	1.81	15.0	2.00	16.4	2.19	19.2	2.60	21.9	3.01
	21	8.60	1.22	10.7	1.46	13.6	1.83	15.0	2.02	16.4	2.21	19.2	2.62	21.9	3.04
	23	8.60	1.23	10.7	1.49	13.6	1.86	15.0	2.05	16.4	2.26	19.2	2.70	21.9	3.22
	25	8.60	1.25	10.7	1.51	13.6	1.89	15.0	2.12	16.4	2.36	19.2	2.88	21.9	3.44
	27	8.60	1.27	10.7	1.56	13.6	2.01	15.0	2.25	16.4	2.51	19.2	3.07	21.9	3.67
	29	8.60	1.33	10.7	1.65	13.6	2.13	15.0	2.39	16.4	2.67	19.2	3.27	21.9	3.91
	31	8.60	1.41	10.7	1.74	13.6	2.26	15.0	2.54	16.4	2.84	19.2	3.48	21.9	4.17
	33	8.60	1.48	10.7	1.84	13.6	2.40	15.0	2.70	16.4	3.02	19.2	3.70	21.9	4.44
	35	8.60	1.56	10.7	1.95	13.6	2.54	15.0	2.86	16.4	3.20	19.2	3.94	21.9	4.72
	37	8.60	1.65	10.7	2.06	13.6	2.69	15.0	3.03	16.4	3.40	19.2	4.18	21.9	5.02
	39	8.60	1.74	10.7	2.17	13.6	2.85	15.0	3.21	16.4	3.60	19.2	4.44	21.9	5.34
50% (125)	10	7.16	1.00	8.93	1.17	11.3	1.42	12.5	1.55	13.7	1.68	16.0	1.96	18.2	2.25
	12	7.16	1.01	8.93	1.18	11.3	1.44	12.5	1.57	13.7	1.71	16.0	1.99	18.2	2.29
	14	7.16	1.02	8.93	1.20	11.3	1.46	12.5	1.59	13.7	1.73	16.0	2.03	18.2	2.33
	16	7.16	1.03	8.93	1.21	11.3	1.48	12.5	1.62	13.7	1.76	16.0	2.06	18.2	2.37
	18	7.16	1.04	8.93	1.23	11.3	1.50	12.5	1.64	13.7	1.79	16.0	2.10	18.2	2.41
	20	7.16	1.06	8.93	1.25	11.3	1.53	12.5	1.67	13.7	1.82	16.0	2.14	18.2	2.46
	21	7.16	1.06	8.93	1.25	11.3	1.54	12.5	1.68	13.7	1.84	16.0	2.16	18.2	2.48
	23	7.16	1.08	8.93	1.27	11.3	1.56	12.5	1.71	13.7	1.87	16.0	2.20	18.2	2.53
	25	7.16	1.09	8.93	1.29	11.3	1.59	12.5	1.74	13.7	1.90	16.0	2.29	18.2	2.70
	27	7.16	1.10	8.93	1.31	11.3	1.65	12.5	1.83	13.7	2.02	16.0	2.44	18.2	2.87
	29	7.16	1.14	8.93	1.38	11.3	1.74	12.5	1.94	13.7	2.15	16.0	2.59	18.2	3.06
	31	7.16	1.20	8.93	1.46	11.3	1.85	12.5	2.06	13.7	2.28	16.0	2.75	18.2	3.26
	33	7.16	1.26	8.93	1.54	11.3	1.95	12.5	2.18	13.7	2.41	16.0	2.92	18.2	3.46
	35	7.16	1.33	8.93	1.62	11.3	2.07	12.5	2.30	13.7	2.56	16.0	3.10	18.2	3.68
	37	7.16	1.40	8.93	1.71	11.3	2.18	12.5	2.44	13.7	2.71	16.0	3.29	18.2	3.90
	39	7.16	1.47	8.93	1.80	11.3	2.31	12.5	2.58	13.7	2.87	16.0	3.49	18.2	4.15

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ10TY1 Cooling capacity (Capacity correction factor: 0.95) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (325)	10	17.7	2.18	22.1	2.76	28.0	3.62	30.9	4.05	33.8	4.50	35.8	4.51	36.9	4.29
	12	17.7	2.21	22.1	2.81	28.0	3.68	30.9	4.13	33.8	4.58	35.4	4.48	36.4	4.25
	14	17.7	2.25	22.1	2.87	28.0	3.75	30.9	4.21	33.8	4.67	34.9	4.46	36.0	4.47
	16	17.7	2.29	22.1	2.92	28.0	3.83	30.9	4.29	33.4	4.67	34.5	4.66	35.5	4.71
	18	17.7	2.33	22.1	2.98	28.0	3.90	30.9	4.41	32.9	4.84	34.0	4.89	35.1	4.95
	20	17.7	2.38	22.1	3.03	28.0	4.10	30.9	4.74	32.5	5.07	33.6	5.13	34.6	5.19
	21	17.7	2.40	22.1	3.06	28.0	4.24	30.9	4.91	32.3	5.19	33.3	5.25	34.4	5.31
	23	17.7	2.45	22.1	3.25	28.0	4.55	30.9	5.27	31.8	5.43	32.9	5.49	33.9	5.56
	25	17.7	2.60	22.1	3.47	28.0	4.87	30.8	5.63	31.4	5.66	32.4	5.74	33.5	5.80
	27	17.7	2.76	22.1	3.71	28.0	5.21	30.4	5.86	30.9	5.90	32.0	5.98	33.0	6.05
	29	17.7	2.94	22.1	3.95	28.0	5.56	29.9	6.10	30.4	6.14	31.5	6.22	32.6	6.30
	31	17.7	3.13	22.1	4.21	28.0	5.94	29.4	6.34	30.0	6.38	31.1	6.47	32.1	6.55
	33	17.7	3.33	22.1	4.49	28.0	6.34	29.0	6.58	29.5	6.62	30.6	6.71	31.6	6.80
	35	17.7	3.53	22.1	4.77	28.0	6.76	28.5	6.82	29.1	6.87	30.2	6.96	31.2	7.05
	37	17.7	3.75	22.1	5.08	27.5	7.01	28.1	7.06	28.6	7.11	29.7	7.21	30.7	7.31
	39	17.7	3.98	22.1	5.40	27.1	7.25	27.6	7.30	28.2	7.35	29.2	7.46	30.3	7.56
120% (300)	10	16.3	2.00	20.4	2.53	25.8	3.30	28.5	3.69	31.2	4.10	35.3	4.63	36.2	4.43
	12	16.3	2.04	20.4	2.57	25.8	3.36	28.5	3.76	31.2	4.18	34.8	4.61	35.8	4.40
	14	16.3	2.07	20.4	2.62	25.8	3.42	28.5	3.84	31.2	4.26	34.4	4.58	35.3	4.44
	16	16.3	2.11	20.4	2.67	25.8	3.49	28.5	3.91	31.2	4.34	33.9	4.63	34.9	4.68
	18	16.3	2.15	20.4	2.72	25.8	3.56	28.5	3.99	31.2	4.48	33.5	4.86	34.4	4.92
	20	16.3	2.18	20.4	2.77	25.8	3.65	28.5	4.21	31.2	4.81	33.0	5.10	34.0	5.16
	21	16.3	2.20	20.4	2.80	25.8	3.78	28.5	4.36	31.2	4.99	32.8	5.22	33.7	5.28
	23	16.3	2.25	20.4	2.92	25.8	4.05	28.5	4.67	31.2	5.35	32.3	5.46	33.3	5.52
	25	16.3	2.35	20.4	3.12	25.8	4.33	28.5	5.00	30.9	5.63	31.9	5.70	32.8	5.76
	27	16.3	2.50	20.4	3.32	25.8	4.63	28.5	5.35	30.4	5.87	31.4	5.94	32.4	6.01
	29	16.3	2.66	20.4	3.54	25.8	4.94	28.5	5.72	30.0	6.11	31.0	6.18	31.9	6.25
	31	16.3	2.83	20.4	3.77	25.8	5.27	28.5	6.11	29.5	6.34	30.5	6.42	31.5	6.50
	33	16.3	3.00	20.4	4.01	25.8	5.62	28.5	6.52	29.0	6.58	30.0	6.67	31.0	6.75
	35	16.3	3.18	20.4	4.27	25.8	5.99	28.1	6.78	28.6	6.82	29.6	6.91	30.5	6.99
	37	16.3	3.38	20.4	4.54	25.8	6.38	27.6	7.02	28.1	7.06	29.1	7.16	30.1	7.24
	39	16.3	3.58	20.4	4.82	25.8	6.80	27.2	7.26	27.7	7.31	28.7	7.40	29.6	7.50
110% (275)	10	15.0	1.84	18.7	2.30	23.7	2.99	26.1	3.34	28.6	3.71	33.4	4.45	35.6	4.57
	12	15.0	1.87	18.7	2.34	23.7	3.04	26.1	3.40	28.6	3.78	33.4	4.53	35.1	4.54
	14	15.0	1.90	18.7	2.38	23.7	3.10	26.1	3.47	28.6	3.85	33.4	4.62	34.7	4.52
	16	15.0	1.93	18.7	2.43	23.7	3.16	26.1	3.54	28.6	3.92	33.3	4.68	34.2	4.64
	18	15.0	1.96	18.7	2.47	23.7	3.22	26.1	3.61	28.6	4.00	32.9	4.83	33.8	4.88
	20	15.0	2.00	18.7	2.52	23.7	3.28	26.1	3.71	28.6	4.23	32.4	5.07	33.3	5.12
	21	15.0	2.01	18.7	2.54	23.7	3.35	26.1	3.84	28.6	4.38	32.2	5.19	33.1	5.24
	23	15.0	2.05	18.7	2.61	23.7	3.58	26.1	4.12	28.6	4.69	31.7	5.42	32.6	5.48
	25	15.0	2.12	18.7	2.78	23.7	3.83	26.1	4.41	28.6	5.03	31.3	5.66	32.2	5.72
	27	15.0	2.25	18.7	2.96	23.7	4.09	26.1	4.71	28.6	5.38	30.8	5.90	31.7	5.96
	29	15.0	2.39	18.7	3.15	23.7	4.36	26.1	5.03	28.6	5.74	30.4	6.14	31.3	6.20
	31	15.0	2.54	18.7	3.36	23.7	4.65	26.1	5.36	28.6	6.13	29.9	6.38	30.8	6.45
	33	15.0	2.69	18.7	3.57	23.7	4.95	26.1	5.72	28.6	6.54	29.5	6.62	30.4	6.69
	35	15.0	2.86	18.7	3.79	23.7	5.28	26.1	6.10	28.1	6.78	29.0	6.86	29.9	6.94
	37	15.0	3.03	18.7	4.03	23.7	5.62	26.1	6.50	27.7	7.02	28.6	7.10	29.4	7.18
	39	15.0	3.21	18.7	4.28	23.7	5.98	26.1	6.92	27.2	7.26	28.1	7.35	29.0	7.43
100% (250)	10	13.6	1.67	17.0	2.08	21.5	2.69	23.7	3.00	26.0	3.32	30.4	3.98	34.7	4.64
	12	13.6	1.70	17.0	2.12	21.5	2.73	23.7	3.05	26.0	3.38	30.4	4.06	34.5	4.68
	14	13.6	1.73	17.0	2.16	21.5	2.78	23.7	3.11	26.0	3.45	30.4	4.13	34.0	4.66
	16	13.6	1.76	17.0	2.19	21.5	2.84	23.7	3.17	26.0	3.51	30.4	4.22	33.6	4.63
	18	13.6	1.78	17.0	2.23	21.5	2.89	23.7	3.23	26.0	3.58	30.4	4.31	33.1	4.85
	20	13.6	1.82	17.0	2.27	21.5	2.95	23.7	3.30	26.0	3.68	30.4	4.63	32.7	5.08
	21	13.6	1.83	17.0	2.30	21.5	2.98	23.7	3.36	26.0	3.81	30.4	4.80	32.4	5.20
	23	13.6	1.86	17.0	2.34	21.5	3.14	23.7	3.60	26.0	4.09	30.4	5.15	32.0	5.44
	25	13.6	1.90	17.0	2.46	21.5	3.35	23.7	3.84	26.0	4.37	30.4	5.51	31.5	5.68
	27	13.6	2.01	17.0	2.62	21.5	3.58	23.7	4.11	26.0	4.67	30.3	5.86	31.1	5.91
	29	13.6	2.14	17.0	2.79	21.5	3.82	23.7	4.38	26.0	4.99	29.8	6.09	30.6	6.15
	31	13.6	2.27	17.0	2.97	21.5	4.07	23.7	4.67	26.0	5.32	29.4	6.33	30.2	6.40
	33	13.6	2.40	17.0	3.15	21.5	4.33	23.7	4.98	26.0	5.68	28.9	6.57	29.7	6.64
	35	13.6	2.55	17.0	3.34	21.5	4.61	23.7	5.30	26.0	6.05	28.4	6.81	29.2	6.88
	37	13.6	2.70	17.0	3.55	21.5	4.90	23.7	5.64	26.0	6.44	28.0	7.05	28.8	7.12
	39	13.6	2.85	17.0	3.77	21.5	5.21	23.7	6.01	26.0	6.86	27.5	7.29	28.3	7.37
90% (225)	10	12.3	1.52	15.3	1.87	19.4	2.39	21.4	2.67	23.4	2.95	27.4	3.53	31.2	4.10
	12	12.3	1.54	15.3	1.90	19.4	2.44	21.4	2.71	23.4	3.00	27.4	3.59	31.2	4.18
	14	12.3	1.56	15.3	1.93	19.4	2.48	21.4	2.76	23.4	3.06	27.4	3.66	31.2	4.26
	16	12.3	1.59	15.3	1.97	19.4	2.53	21.4	2.82	23.4	3.12	27.4	3.73	31.2	4.34
	18	12.3	1.61	15.3	2.00	19.4	2.57	21.4	2.87	23.4	3.18	27.4	3.81	31.2	4.48
	20	12.3	1.64	15.3	2.04	19.4	2.62	21.4	2.93	23.4	3.24	27.4	3.97	31.2	4.82
	21	12.3	1.65	15.3	2.06	19.4	2.65	21.4	2.95	23.4	3.29	27.4	4.11	31.2	4.99
	23	12.3	1.68	15.3	2.09	19.4	2.73	21.4	3.11	23.4	3.52	27.4	4.40	31.2	5.35
	25	12.3	1.71	15.3	2.17	19.4	2.91	21.4	3.32	23.4	3.76	27.4	4.71	30.9	5.63
	27	12.3	1.79	15.3	2.30	19.4	3.11	21.4	3.55	23.4	4.02	27.4	5.04	30.4	5.87
	29	12.3	1.90	15.3	2.45	19.4	3.31	21.4	3.78	23.4	4.29	27.4	5.38	30.0	6.11
	31	12.3	2.01	15.3	2.60	19.4	3.52	21.4	4.03	23.4	4.57	27.4	5.75	29.5	6.34
	33	12.3	2.13	15.3	2.76	19.4	3.75	21.4	4.29	23.4	4.87	27.4	6.13	29.1	6.58
	35	12.3	2.25	15.3	2.93	19.4	3.98	21.4	4.56	23.4	5.18	27.4	6.54	28.6	6.82
	37	12.3	2.38	15.3	3.10	19.4	4.23	21.4	4.85	23.4	5.52	27.4	6.97	28.1	7.06
	39	12.3	2.52	15.3	3.29	19.4	4.49	21.4	5.16	23.4	5.87	27.0	7.24	27.7	7.31

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (200)	10	10.9	1.37	13.6	1.67	17.2	2.11	19.0	2.35	20.8	2.59	24.3	3.08	27.7	3.58
	12	10.9	1.39	13.6	1.70	17.2	2.15	19.0	2.39	20.8	2.63	24.3	3.14	27.7	3.65
	14	10.9	1.41	13.6	1.72	17.2	2.19	19.0	2.43	20.8	2.68	24.3	3.20	27.7	3.72
	16	10.9	1.43	13.6	1.75	17.2	2.23	19.0	2.47	20.8	2.73	24.3	3.26	27.7	3.79
	18	10.9	1.45	13.6	1.78	17.2	2.27	19.0	2.52	20.8	2.78	24.3	3.32	27.7	3.87
	20	10.9	1.47	13.6	1.81	17.2	2.31	19.0	2.57	20.8	2.84	24.3	3.39	27.7	4.05
	21	10.9	1.48	13.6	1.83	17.2	2.33	19.0	2.59	20.8	2.86	24.3	3.47	27.7	4.19
	23	10.9	1.51	13.6	1.86	17.2	2.37	19.0	2.66	20.8	3.00	24.3	3.72	27.7	4.49
	25	10.9	1.53	13.6	1.89	17.2	2.51	19.0	2.84	20.8	3.20	24.3	3.98	27.7	4.81
	27	10.9	1.58	13.6	2.01	17.2	2.67	19.0	3.03	20.8	3.41	24.3	4.25	27.7	5.14
	29	10.9	1.67	13.6	2.13	17.2	2.84	19.0	3.23	20.8	3.64	24.3	4.53	27.7	5.49
	31	10.9	1.77	13.6	2.26	17.2	3.02	19.0	3.43	20.8	3.88	24.3	4.84	27.7	5.86
	33	10.9	1.87	13.6	2.40	17.2	3.21	19.0	3.65	20.8	4.12	24.3	5.15	27.7	6.26
	35	10.9	1.98	13.6	2.54	17.2	3.41	19.0	3.88	20.8	4.39	24.3	5.49	27.7	6.67
	37	10.9	2.09	13.6	2.69	17.2	3.61	19.0	4.12	20.8	4.67	24.3	5.84	27.5	7.00
	39	10.9	2.21	13.6	2.84	17.2	3.83	19.0	4.38	20.8	4.96	24.3	6.22	27.0	7.24
70% (175)	10	9.53	1.23	11.9	1.48	15.1	1.85	16.6	2.04	18.2	2.24	21.3	2.65	24.3	3.07
	12	9.53	1.24	11.9	1.50	15.1	1.88	16.6	2.07	18.2	2.28	21.3	2.70	24.3	3.13
	14	9.53	1.26	11.9	1.52	15.1	1.91	16.6	2.11	18.2	2.32	21.3	2.75	24.3	3.19
	16	9.53	1.28	11.9	1.54	15.1	1.94	16.6	2.15	18.2	2.36	21.3	2.80	24.3	3.25
	18	9.53	1.29	11.9	1.57	15.1	1.97	16.6	2.18	18.2	2.40	21.3	2.86	24.3	3.31
	20	9.53	1.31	11.9	1.59	15.1	2.01	16.6	2.22	18.2	2.45	21.3	2.91	24.3	3.38
	21	9.53	1.32	11.9	1.61	15.1	2.03	16.6	2.24	18.2	2.47	21.3	2.94	24.3	3.46
	23	9.53	1.34	11.9	1.63	15.1	2.06	16.6	2.29	18.2	2.52	21.3	3.09	24.3	3.71
	25	9.53	1.36	11.9	1.66	15.1	2.13	16.6	2.40	18.2	2.69	21.3	3.31	24.3	3.97
	27	9.53	1.39	11.9	1.73	15.1	2.26	16.6	2.55	18.2	2.86	21.3	3.53	24.3	4.24
	29	9.53	1.47	11.9	1.84	15.1	2.41	16.6	2.72	18.2	3.05	21.3	3.76	24.3	4.52
	31	9.53	1.55	11.9	1.94	15.1	2.56	16.6	2.89	18.2	3.24	21.3	4.00	24.3	4.82
	33	9.53	1.64	11.9	2.06	15.1	2.71	16.6	3.07	18.2	3.44	21.3	4.26	24.3	5.14
	35	9.53	1.73	11.9	2.18	15.1	2.87	16.6	3.25	18.2	3.66	21.3	4.54	24.3	5.47
	37	9.53	1.82	11.9	2.30	15.1	3.05	16.6	3.45	18.2	3.89	21.3	4.82	24.3	5.83
	39	9.53	1.92	11.9	2.43	15.1	3.23	16.6	3.66	18.2	4.13	21.3	5.13	24.3	6.20
60% (150)	10	8.17	1.09	10.2	1.29	12.9	1.59	14.2	1.75	15.6	1.91	18.2	2.25	20.8	2.59
	12	8.17	1.10	10.2	1.31	12.9	1.62	14.2	1.78	15.6	1.94	18.2	2.29	20.8	2.63
	14	8.17	1.12	10.2	1.33	12.9	1.64	14.2	1.81	15.6	1.97	18.2	2.33	20.8	2.68
	16	8.17	1.13	10.2	1.35	12.9	1.67	14.2	1.83	15.6	2.01	18.2	2.37	20.8	2.73
	18	8.17	1.15	10.2	1.37	12.9	1.70	14.2	1.87	15.6	2.04	18.2	2.41	20.8	2.78
	20	8.17	1.16	10.2	1.39	12.9	1.72	14.2	1.90	15.6	2.08	18.2	2.46	20.8	2.84
	21	8.17	1.17	10.2	1.40	12.9	1.74	14.2	1.91	15.6	2.10	18.2	2.48	20.8	2.87
	23	8.17	1.19	10.2	1.42	12.9	1.77	14.2	1.95	15.6	2.14	18.2	2.53	20.8	3.00
	25	8.17	1.20	10.2	1.44	12.9	1.80	14.2	1.99	15.6	2.22	18.2	2.70	20.8	3.20
	27	8.17	1.22	10.2	1.48	12.9	1.90	14.2	2.12	15.6	2.36	18.2	2.87	20.8	3.42
	29	8.17	1.27	10.2	1.56	12.9	2.01	14.2	2.25	15.6	2.51	18.2	3.06	20.8	3.64
	31	8.17	1.34	10.2	1.65	12.9	2.13	14.2	2.39	15.6	2.66	18.2	3.25	20.8	3.88
	33	8.17	1.42	10.2	1.75	12.9	2.26	14.2	2.53	15.6	2.83	18.2	3.46	20.8	4.13
	35	8.17	1.49	10.2	1.85	12.9	2.39	14.2	2.69	15.6	3.00	18.2	3.67	20.8	4.39
	37	8.17	1.57	10.2	1.95	12.9	2.53	14.2	2.85	15.6	3.18	18.2	3.90	20.8	4.67
	39	8.17	1.65	10.2	2.06	12.9	2.68	14.2	3.01	15.6	3.37	18.2	4.14	20.8	4.97
50% (125)	10	6.81	0.96	8.49	1.12	10.8	1.36	11.9	1.48	13.0	1.60	15.2	1.86	17.3	2.13
	12	6.81	0.97	8.49	1.14	10.8	1.37	11.9	1.50	13.0	1.63	15.2	1.89	17.3	2.17
	14	6.81	0.98	8.49	1.15	10.8	1.39	11.9	1.52	13.0	1.65	15.2	1.93	17.3	2.20
	16	6.81	1.00	8.49	1.16	10.8	1.41	11.9	1.54	13.0	1.68	15.2	1.96	17.3	2.24
	18	6.81	1.01	8.49	1.18	10.8	1.43	11.9	1.57	13.0	1.71	15.2	1.99	17.3	2.28
	20	6.81	1.02	8.49	1.20	10.8	1.46	11.9	1.59	13.0	1.73	15.2	2.03	17.3	2.33
	21	6.81	1.02	8.49	1.20	10.8	1.47	11.9	1.61	13.0	1.75	15.2	2.05	17.3	2.35
	23	6.81	1.04	8.49	1.22	10.8	1.49	11.9	1.63	13.0	1.78	15.2	2.08	17.3	2.39
	25	6.81	1.05	8.49	1.24	10.8	1.52	11.9	1.66	13.0	1.81	15.2	2.15	17.3	2.53
	27	6.81	1.06	8.49	1.26	10.8	1.56	11.9	1.73	13.0	1.91	15.2	2.29	17.3	2.69
	29	6.81	1.09	8.49	1.32	10.8	1.65	11.9	1.83	13.0	2.03	15.2	2.43	17.3	2.86
	31	6.81	1.15	8.49	1.39	10.8	1.75	11.9	1.94	13.0	2.15	15.2	2.58	17.3	3.05
	33	6.81	1.21	8.49	1.47	10.8	1.85	11.9	2.06	13.0	2.27	15.2	2.74	17.3	3.24
	35	6.81	1.28	8.49	1.55	10.8	1.96	11.9	2.18	13.0	2.41	15.2	2.91	17.3	3.44
	37	6.81	1.34	8.49	1.63	10.8	2.06	11.9	2.30	13.0	2.55	15.2	3.08	17.3	3.65
	39	6.81	1.41	8.49	1.71	10.8	2.18	11.9	2.43	13.0	2.70	15.2	3.27	17.3	3.87

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ10TY1 Cooling capacity (Capacity correction factor: 0.90) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (325)	10	16.8	2.06	20.9	2.60	26.5	3.40	29.2	3.81	32.0	4.22	35.5	4.59	36.4	4.38
	12	16.8	2.09	20.9	2.65	26.5	3.46	29.2	3.88	32.0	4.30	35.0	4.57	36.0	4.35
	14	16.8	2.13	20.9	2.70	26.5	3.53	29.2	3.95	32.0	4.39	34.5	4.54	35.5	4.45
	16	16.8	2.17	20.9	2.75	26.5	3.60	29.2	4.03	32.0	4.47	34.1	4.64	35.1	4.69
	18	16.8	2.20	20.9	2.80	26.5	3.67	29.2	4.11	32.0	4.65	33.6	4.87	34.6	4.93
	20	16.8	2.25	20.9	2.85	26.5	3.79	29.2	4.37	32.0	5.00	33.2	5.11	34.2	5.17
	21	16.8	2.27	20.9	2.88	26.5	3.92	29.2	4.53	31.9	5.17	33.0	5.23	33.9	5.29
	23	16.8	2.31	20.9	3.02	26.5	4.20	29.2	4.86	31.5	5.41	32.5	5.47	33.5	5.53
	25	16.8	2.43	20.9	3.23	26.5	4.50	29.2	5.20	31.0	5.64	32.0	5.71	33.0	5.77
	27	16.8	2.58	20.9	3.44	26.5	4.81	29.2	5.56	30.6	5.88	31.6	5.95	32.6	6.02
	29	16.8	2.75	20.9	3.67	26.5	5.13	29.2	5.95	30.1	6.12	31.1	6.19	32.1	6.27
	31	16.8	2.92	20.9	3.91	26.5	5.48	29.1	6.32	29.7	6.36	30.7	6.44	31.7	6.51
	33	16.8	3.10	20.9	4.16	26.5	5.84	28.7	6.55	29.2	6.60	30.2	6.68	31.2	6.76
	35	16.8	3.29	20.9	4.42	26.5	6.23	28.2	6.79	28.7	6.84	29.8	6.93	30.7	7.01
	37	16.8	3.49	20.9	4.71	26.5	6.64	27.8	7.03	28.3	7.08	29.3	7.17	30.3	7.26
	39	16.8	3.71	20.9	5.00	26.5	7.07	27.3	7.27	27.8	7.32	28.9	7.42	29.8	7.52
120% (300)	10	15.5	1.90	19.3	2.39	24.5	3.10	27.0	3.47	29.5	3.85	34.6	4.62	35.8	4.51
	12	15.5	1.93	19.3	2.43	24.5	3.16	27.0	3.54	29.5	3.92	34.5	4.69	35.4	4.49
	14	15.5	1.96	19.3	2.47	24.5	3.22	27.0	3.60	29.5	4.00	34.0	4.66	34.9	4.46
	16	15.5	1.99	19.3	2.52	24.5	3.28	27.0	3.67	29.5	4.08	33.6	4.64	34.5	4.65
	18	15.5	2.03	19.3	2.56	24.5	3.34	27.0	3.75	29.5	4.16	33.1	4.84	34.0	4.89
	20	15.5	2.07	19.3	2.61	24.5	3.41	27.0	3.89	29.5	4.44	32.6	5.08	33.5	5.13
	21	15.5	2.08	19.3	2.64	24.5	3.50	27.0	4.03	29.5	4.60	32.4	5.20	33.3	5.25
	23	15.5	2.12	19.3	2.72	24.5	3.75	27.0	4.32	29.5	4.93	32.0	5.44	32.9	5.49
	25	15.5	2.20	19.3	2.90	24.5	4.01	27.0	4.62	29.5	5.28	31.5	5.67	32.4	5.73
	27	15.5	2.34	19.3	3.09	24.5	4.28	27.0	4.94	29.5	5.65	31.0	5.91	32.0	5.98
	29	15.5	2.49	19.3	3.29	24.5	4.57	27.0	5.28	29.5	6.04	30.6	6.15	31.5	6.22
	31	15.5	2.64	19.3	3.51	24.5	4.88	27.0	5.63	29.2	6.32	30.1	6.39	31.0	6.46
	33	15.5	2.80	19.3	3.73	24.5	5.20	27.0	6.01	28.7	6.56	29.7	6.64	30.6	6.71
	35	15.5	2.97	19.3	3.96	24.5	5.53	27.0	6.40	28.3	6.80	29.2	6.88	30.1	6.96
	37	15.5	3.15	19.3	4.21	24.5	5.89	27.0	6.83	27.8	7.04	28.8	7.12	29.7	7.21
	39	15.5	3.34	19.3	4.47	24.5	6.27	26.9	7.23	27.4	7.28	28.3	7.37	29.2	7.46
110% (275)	10	14.2	1.74	17.7	2.18	22.4	2.81	24.7	3.14	27.1	3.48	31.7	4.18	35.2	4.65
	12	14.2	1.77	17.7	2.21	22.4	2.86	24.7	3.20	27.1	3.55	31.7	4.26	34.8	4.62
	14	14.2	1.80	17.7	2.25	22.4	2.92	24.7	3.26	27.1	3.62	31.7	4.34	34.3	4.60
	16	14.2	1.83	17.7	2.29	22.4	2.97	24.7	3.32	27.1	3.69	31.7	4.42	33.8	4.62
	18	14.2	1.86	17.7	2.33	22.4	3.03	24.7	3.39	27.1	3.76	31.7	4.59	33.4	4.86
	20	14.2	1.89	17.7	2.38	22.4	3.09	24.7	3.46	27.1	3.91	31.7	4.93	32.9	5.10
	21	14.2	1.91	17.7	2.40	22.4	3.12	24.7	3.56	27.1	4.05	31.7	5.11	32.7	5.22
	23	14.2	1.94	17.7	2.45	22.4	3.32	24.7	3.81	27.1	4.34	31.4	5.40	32.3	5.45
	25	14.2	1.99	17.7	2.59	22.4	3.55	24.7	4.08	27.1	4.64	31.0	5.64	31.8	5.69
	27	14.2	2.11	17.7	2.76	22.4	3.79	24.7	4.35	27.1	4.96	30.5	5.87	31.3	5.93
	29	14.2	2.24	17.7	2.94	22.4	4.04	24.7	4.65	27.1	5.30	30.1	6.11	30.9	6.17
	31	14.2	2.38	17.7	3.13	22.4	4.31	24.7	4.96	27.1	5.66	29.6	6.35	30.4	6.42
	33	14.2	2.52	17.7	3.32	22.4	4.59	24.7	5.28	27.1	6.03	29.1	6.59	30.0	6.66
	35	14.2	2.67	17.7	3.53	22.4	4.88	24.7	5.63	27.1	6.43	28.7	6.83	29.5	6.90
	37	14.2	2.83	17.7	3.75	22.4	5.19	24.7	5.99	27.1	6.86	28.2	7.07	29.1	7.15
	39	14.2	3.00	17.7	3.98	22.4	5.53	24.7	6.38	26.9	7.23	27.8	7.32	28.6	7.40
100% (250)	10	12.9	1.59	16.1	1.97	20.4	2.53	22.5	2.82	24.6	3.12	28.8	3.74	32.8	4.36
	12	12.9	1.62	16.1	2.00	20.4	2.58	22.5	2.87	24.6	3.18	28.8	3.81	32.8	4.44
	14	12.9	1.64	16.1	2.04	20.4	2.62	22.5	2.93	24.6	3.24	28.8	3.88	32.8	4.52
	16	12.9	1.67	16.1	2.07	20.4	2.67	22.5	2.98	24.6	3.30	28.8	3.96	32.8	4.61
	18	12.9	1.69	16.1	2.11	20.4	2.72	22.5	3.04	24.6	3.37	28.8	4.04	32.8	4.83
	20	12.9	1.72	16.1	2.15	20.4	2.78	22.5	3.10	24.6	3.44	28.8	4.28	32.3	5.06
	21	12.9	1.74	16.1	2.17	20.4	2.80	22.5	3.13	24.6	3.53	28.8	4.43	32.1	5.18
	23	12.9	1.77	16.1	2.21	20.4	2.92	22.5	3.34	24.6	3.78	28.8	4.75	31.6	5.42
	25	12.9	1.80	16.1	2.30	20.4	3.12	22.5	3.57	24.6	4.04	28.8	5.09	31.2	5.65
	27	12.9	1.89	16.1	2.45	20.4	3.33	22.5	3.81	24.6	4.32	28.8	5.44	30.7	5.89
	29	12.9	2.01	16.1	2.61	20.4	3.54	22.5	4.06	24.6	4.61	28.8	5.81	30.3	6.13
	31	12.9	2.13	16.1	2.77	20.4	3.77	22.5	4.33	24.6	4.92	28.8	6.21	29.8	6.37
	33	12.9	2.26	16.1	2.94	20.4	4.02	22.5	4.61	24.6	5.24	28.6	6.55	29.4	6.61
	35	12.9	2.39	16.1	3.12	20.4	4.27	22.5	4.90	24.6	5.58	28.1	6.78	28.9	6.85
	37	12.9	2.53	16.1	3.31	20.4	4.54	22.5	5.22	24.6	5.95	27.7	7.02	28.4	7.09
	39	12.9	2.68	16.1	3.51	20.4	4.83	22.5	5.55	24.6	6.33	27.2	7.26	28.0	7.34
90% (225)	10	11.6	1.45	14.5	1.78	18.3	2.26	20.2	2.51	22.1	2.77	25.9	3.31	29.6	3.85
	12	11.6	1.47	14.5	1.80	18.3	2.30	20.2	2.56	22.1	2.82	25.9	3.38	29.6	3.93
	14	11.6	1.49	14.5	1.83	18.3	2.34	20.2	2.60	22.1	2.88	25.9	3.44	29.6	4.00
	16	11.6	1.51	14.5	1.86	18.3	2.38	20.2	2.65	22.1	2.93	25.9	3.51	29.6	4.08
	18	11.6	1.54	14.5	1.90	18.3	2.43	20.2	2.70	22.1	2.99	25.9	3.57	29.6	4.16
	20	11.6	1.56	14.5	1.93	18.3	2.47	20.2	2.75	22.1	3.05	25.9	3.67	29.6	4.45
	21	11.6	1.57	14.5	1.95	18.3	2.50	20.2	2.78	22.1	3.08	25.9	3.80	29.6	4.60
	23	11.6	1.60	14.5	1.98	18.3	2.55	20.2	2.89	22.1	3.27	25.9	4.07	29.6	4.94
	25	11.6	1.63	14.5	2.03	18.3	2.72	20.2	3.09	22.1	3.49	25.9	4.36	29.6	5.29
	27	11.6	1.69	14.5	2.16	18.3	2.89	20.2	3.30	22.1	3.73	25.9	4.66	29.6	5.66
	29	11.6	1.79	14.5	2.30	18.3	3.08	20.2	3.51	22.1	3.97	25.9	4.97	29.6	6.04
	31	11.6	1.90	14.5	2.44	18.3	3.28	20.2	3.74	22.1	4.23	25.9	5.30	29.2	6.32
	33	11.6	2.01	14.5	2.58	18.3	3.48	20.2	3.98	22.1	4.51	25.9	5.66	28.7	6.56
	35	11.6	2.12	14.5	2.74	18.3	3.70	20.2	4.23	22.1	4.80	25.9	6.03	28.3	6.80
	37	11.6	2.24	14.5	2.90	18.3	3.93	20.2	4.50	22.1	5.11	25.9	6.42	27.8	7.04
	39	11.6	2.37	14.5	3.07	18.3	4.18	20.2	4.78	22.1	5.43	25.9	6.84	27.4	7.28

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (200)	10	10.3	1.31	12.9	1.59	16.3	2.00	18.0	2.21	19.7	2.44	23.0	2.90	26.3	3.37
	12	10.3	1.33	12.9	1.61	16.3	2.03	18.0	2.25	19.7	2.48	23.0	2.95	26.3	3.43
	14	10.3	1.34	12.9	1.64	16.3	2.07	18.0	2.29	19.7	2.53	23.0	3.01	26.3	3.49
	16	10.3	1.36	12.9	1.66	16.3	2.10	18.0	2.33	19.7	2.57	23.0	3.06	26.3	3.56
	18	10.3	1.38	12.9	1.69	16.3	2.14	18.0	2.38	19.7	2.62	23.0	3.12	26.3	3.63
	20	10.3	1.40	12.9	1.72	16.3	2.18	18.0	2.42	19.7	2.67	23.0	3.19	26.3	3.74
	21	10.3	1.42	12.9	1.73	16.3	2.20	18.0	2.44	19.7	2.70	23.0	3.22	26.3	3.88
	23	10.3	1.44	12.9	1.76	16.3	2.24	18.0	2.49	19.7	2.79	23.0	3.45	26.3	4.15
	25	10.3	1.46	12.9	1.79	16.3	2.34	18.0	2.65	19.7	2.98	23.0	3.69	26.3	4.44
	27	10.3	1.50	12.9	1.89	16.3	2.49	18.0	2.82	19.7	3.18	23.0	3.94	26.3	4.75
	29	10.3	1.59	12.9	2.00	16.3	2.65	18.0	3.01	19.7	3.38	23.0	4.20	26.3	5.07
	31	10.3	1.68	12.9	2.12	16.3	2.82	18.0	3.20	19.7	3.60	23.0	4.48	26.3	5.41
	33	10.3	1.77	12.9	2.25	16.3	2.99	18.0	3.40	19.7	3.83	23.0	4.77	26.3	5.77
	35	10.3	1.87	12.9	2.38	16.3	3.18	18.0	3.61	19.7	4.07	23.0	5.08	26.3	6.15
	37	10.3	1.98	12.9	2.52	16.3	3.37	18.0	3.83	19.7	4.33	23.0	5.40	26.3	6.55
	39	10.3	2.09	12.9	2.67	16.3	3.57	18.0	4.07	19.7	4.60	23.0	5.75	26.3	6.98
70% (175)	10	9.03	1.18	11.3	1.41	14.3	1.75	15.7	1.93	17.2	2.12	20.2	2.50	23.0	2.89
	12	9.03	1.19	11.3	1.43	14.3	1.78	15.7	1.96	17.2	2.15	20.2	2.55	23.0	2.95
	14	9.03	1.21	11.3	1.45	14.3	1.81	15.7	1.99	17.2	2.19	20.2	2.59	23.0	3.00
	16	9.03	1.22	11.3	1.47	14.3	1.84	15.7	2.03	17.2	2.23	20.2	2.64	23.0	3.06
	18	9.03	1.24	11.3	1.49	14.3	1.87	15.7	2.06	17.2	2.27	20.2	2.69	23.0	3.12
	20	9.03	1.26	11.3	1.52	14.3	1.90	15.7	2.10	17.2	2.31	20.2	2.74	23.0	3.18
	21	9.03	1.27	11.3	1.53	14.3	1.92	15.7	2.12	17.2	2.33	20.2	2.77	23.0	3.21
	23	9.03	1.28	11.3	1.55	14.3	1.95	15.7	2.16	17.2	2.38	20.2	2.88	23.0	3.44
	25	9.03	1.30	11.3	1.58	14.3	2.00	15.7	2.25	17.2	2.51	20.2	3.07	23.0	3.68
	27	9.03	1.32	11.3	1.64	14.3	2.12	15.7	2.39	17.2	2.67	20.2	3.28	23.0	3.92
	29	9.03	1.39	11.3	1.73	14.3	2.26	15.7	2.54	17.2	2.84	20.2	3.49	23.0	4.19
	31	9.03	1.47	11.3	1.84	14.3	2.39	15.7	2.70	17.2	3.02	20.2	3.72	23.0	4.46
	33	9.03	1.55	11.3	1.94	14.3	2.54	15.7	2.86	17.2	3.21	20.2	3.96	23.0	4.75
	35	9.03	1.64	11.3	2.05	14.3	2.69	15.7	3.04	17.2	3.41	20.2	4.21	23.0	5.06
	37	9.03	1.73	11.3	2.17	14.3	2.85	15.7	3.22	17.2	3.62	20.2	4.47	23.0	5.39
	39	9.03	1.82	11.3	2.29	14.3	3.02	15.7	3.42	17.2	3.84	20.2	4.75	23.0	5.73
60% (150)	10	7.74	1.05	9.65	1.24	12.2	1.52	13.5	1.66	14.8	1.81	17.3	2.12	19.7	2.44
	12	7.74	1.06	9.65	1.26	12.2	1.54	13.5	1.69	14.8	1.84	17.3	2.16	19.7	2.48
	14	7.74	1.07	9.65	1.27	12.2	1.56	13.5	1.71	14.8	1.87	17.3	2.20	19.7	2.53
	16	7.74	1.09	9.65	1.29	12.2	1.59	13.5	1.74	14.8	1.90	17.3	2.24	19.7	2.57
	18	7.74	1.10	9.65	1.31	12.2	1.61	13.5	1.77	14.8	1.93	17.3	2.28	19.7	2.62
	20	7.74	1.12	9.65	1.33	12.2	1.64	13.5	1.80	14.8	1.97	17.3	2.32	19.7	2.67
	21	7.74	1.12	9.65	1.34	12.2	1.65	13.5	1.81	14.8	1.99	17.3	2.34	19.7	2.70
	23	7.74	1.14	9.65	1.36	12.2	1.68	13.5	1.85	14.8	2.02	17.3	2.38	19.7	2.79
	25	7.74	1.15	9.65	1.38	12.2	1.71	13.5	1.88	14.8	2.08	17.3	2.52	19.7	2.98
	27	7.74	1.17	9.65	1.40	12.2	1.79	13.5	1.99	14.8	2.21	17.3	2.68	19.7	3.18
	29	7.74	1.21	9.65	1.48	12.2	1.89	13.5	2.12	14.8	2.35	17.3	2.85	19.7	3.39
	31	7.74	1.28	9.65	1.57	12.2	2.01	13.5	2.24	14.8	2.49	17.3	3.03	19.7	3.61
	33	7.74	1.35	9.65	1.66	12.2	2.13	13.5	2.38	14.8	2.65	17.3	3.22	19.7	3.84
	35	7.74	1.42	9.65	1.75	12.2	2.25	13.5	2.52	14.8	2.81	17.3	3.42	19.7	4.08
	37	7.74	1.50	9.65	1.84	12.2	2.38	13.5	2.67	14.8	2.97	17.3	3.63	19.7	4.33
	39	7.74	1.57	9.65	1.95	12.2	2.51	13.5	2.82	14.8	3.15	17.3	3.86	19.7	4.61
50% (125)	10	6.45	0.93	8.04	1.08	10.2	1.30	11.2	1.41	12.3	1.52	14.4	1.77	16.4	2.01
	12	6.45	0.94	8.04	1.09	10.2	1.31	11.2	1.43	12.3	1.55	14.4	1.80	16.4	2.05
	14	6.45	0.95	8.04	1.10	10.2	1.33	11.2	1.45	12.3	1.57	14.4	1.82	16.4	2.08
	16	6.45	0.96	8.04	1.12	10.2	1.35	11.2	1.47	12.3	1.60	14.4	1.85	16.4	2.12
	18	6.45	0.97	8.04	1.13	10.2	1.37	11.2	1.49	12.3	1.62	14.4	1.89	16.4	2.16
	20	6.45	0.98	8.04	1.15	10.2	1.39	11.2	1.52	12.3	1.65	14.4	1.92	16.4	2.20
	21	6.45	0.99	8.04	1.16	10.2	1.40	11.2	1.53	12.3	1.66	14.4	1.94	16.4	2.22
	23	6.45	1.00	8.04	1.17	10.2	1.42	11.2	1.55	12.3	1.69	14.4	1.97	16.4	2.26
	25	6.45	1.01	8.04	1.19	10.2	1.44	11.2	1.58	12.3	1.72	14.4	2.02	16.4	2.36
	27	6.45	1.02	8.04	1.20	10.2	1.48	11.2	1.63	12.3	1.80	14.4	2.15	16.4	2.52
	29	6.45	1.05	8.04	1.26	10.2	1.57	11.2	1.73	12.3	1.91	14.4	2.28	16.4	2.68
	31	6.45	1.11	8.04	1.32	10.2	1.66	11.2	1.83	12.3	2.02	14.4	2.42	16.4	2.84
	33	6.45	1.16	8.04	1.40	10.2	1.75	11.2	1.94	12.3	2.14	14.4	2.57	16.4	3.02
	35	6.45	1.22	8.04	1.47	10.2	1.85	11.2	2.05	12.3	2.26	14.4	2.72	16.4	3.20
	37	6.45	1.28	8.04	1.55	10.2	1.95	11.2	2.17	12.3	2.40	14.4	2.88	16.4	3.40
	39	6.45	1.35	8.04	1.63	10.2	2.06	11.2	2.29	12.3	2.53	14.4	3.05	16.4	3.61

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ10TY1 Cooling capacity (Capacity correction factor: 0.85) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (325)	10	15.8	1.94	19.7	2.45	25.0	3.18	27.6	3.56	30.2	3.95	35.1	4.68	36.0	4.48
	12	15.8	1.97	19.7	2.49	25.0	3.24	27.6	3.63	30.2	4.03	34.6	4.65	35.5	4.45
	14	15.8	2.01	19.7	2.53	25.0	3.30	27.6	3.70	30.2	4.11	34.2	4.63	35.1	4.43
	16	15.8	2.04	19.7	2.58	25.0	3.37	27.6	3.77	30.2	4.19	33.7	4.62	34.6	4.66
	18	15.8	2.08	19.7	2.63	25.0	3.43	27.6	3.85	30.2	4.27	33.2	4.85	34.2	4.90
	20	15.8	2.11	19.7	2.68	25.0	3.50	27.6	4.02	30.2	4.59	32.8	5.09	33.7	5.14
	21	15.8	2.13	19.7	2.71	25.0	3.62	27.6	4.17	30.2	4.76	32.6	5.21	33.5	5.26
	23	15.8	2.17	19.7	2.80	25.0	3.87	27.6	4.47	30.2	5.10	32.1	5.45	33.0	5.50
	25	15.8	2.26	19.7	2.99	25.0	4.14	27.6	4.78	30.2	5.46	31.7	5.68	32.6	5.75
	27	15.8	2.41	19.7	3.19	25.0	4.43	27.6	5.11	30.2	5.85	31.2	5.92	32.1	5.99
	29	15.8	2.56	19.7	3.40	25.0	4.72	27.6	5.46	29.8	6.09	30.7	6.16	31.7	6.23
	31	15.8	2.72	19.7	3.62	25.0	5.04	27.6	5.83	29.3	6.33	30.3	6.41	31.2	6.48
	33	15.8	2.89	19.7	3.85	25.0	5.37	27.6	6.22	28.9	6.57	29.8	6.65	30.8	6.73
	35	15.8	3.06	19.7	4.09	25.0	5.72	27.6	6.63	28.4	6.81	29.4	6.89	30.3	6.97
	37	15.8	3.25	19.7	4.35	25.0	6.10	27.5	7.00	28.0	7.05	28.9	7.14	29.8	7.22
	39	15.8	3.44	19.7	4.62	25.0	6.49	27.0	7.24	27.5	7.29	28.5	7.38	29.4	7.47
120% (300)	10	14.6	1.79	18.2	2.24	23.1	2.91	25.5	3.25	27.9	3.60	32.6	4.32	35.4	4.60
	12	14.6	1.82	18.2	2.28	23.1	2.96	25.5	3.31	27.9	3.67	32.6	4.41	35.0	4.58
	14	14.6	1.85	18.2	2.32	23.1	3.02	25.5	3.37	27.9	3.74	32.6	4.49	34.5	4.55
	16	14.6	1.88	18.2	2.37	23.1	3.07	25.5	3.44	27.9	3.82	32.6	4.58	34.1	4.63
	18	14.6	1.91	18.2	2.41	23.1	3.13	25.5	3.51	27.9	3.89	32.6	4.80	33.6	4.87
	20	14.6	1.95	18.2	2.45	23.1	3.20	25.5	3.59	27.9	4.08	32.3	5.06	33.1	5.11
	21	14.6	1.97	18.2	2.48	23.1	3.23	25.5	3.71	27.9	4.23	32.1	5.18	32.9	5.23
	23	14.6	2.00	18.2	2.53	23.1	3.46	25.5	3.98	27.9	4.53	31.6	5.41	32.5	5.47
	25	14.6	2.06	18.2	2.69	23.1	3.70	25.5	4.25	27.9	4.85	31.1	5.65	32.0	5.71
	27	14.6	2.19	18.2	2.87	23.1	3.95	25.5	4.55	27.9	5.19	30.7	5.89	31.5	5.95
	29	14.6	2.32	18.2	3.06	23.1	4.21	25.5	4.85	27.9	5.54	30.2	6.13	31.1	6.19
	31	14.6	2.47	18.2	3.25	23.1	4.49	25.5	5.18	27.9	5.91	29.8	6.37	30.6	6.43
	33	14.6	2.61	18.2	3.46	23.1	4.79	25.5	5.52	27.9	6.31	29.3	6.61	30.2	6.68
	35	14.6	2.77	18.2	3.67	23.1	5.10	25.5	5.88	27.9	6.73	28.9	6.85	29.7	6.92
	37	14.6	2.94	18.2	3.90	23.1	5.42	25.5	6.27	27.5	7.01	28.4	7.09	29.3	7.17
	39	14.6	3.11	18.2	4.14	23.1	5.77	25.5	6.67	27.1	7.25	28.0	7.33	28.8	7.42
110% (275)	10	13.4	1.65	16.7	2.05	21.2	2.64	23.4	2.95	25.6	3.26	29.9	3.91	34.1	4.55
	12	13.4	1.68	16.7	2.08	21.2	2.69	23.4	3.00	25.6	3.32	29.9	3.98	34.1	4.64
	14	13.4	1.70	16.7	2.12	21.2	2.74	23.4	3.06	25.6	3.39	29.9	4.06	33.9	4.68
	16	13.4	1.73	16.7	2.16	21.2	2.79	23.4	3.11	25.6	3.45	29.9	4.14	33.5	4.66
	18	13.4	1.76	16.7	2.20	21.2	2.84	23.4	3.17	25.6	3.52	29.9	4.22	33.0	4.84
	20	13.4	1.79	16.7	2.24	21.2	2.90	23.4	3.24	25.6	3.60	29.9	4.53	32.6	5.08
	21	13.4	1.80	16.7	2.26	21.2	2.92	23.4	3.29	25.6	3.73	29.9	4.69	32.3	5.19
	23	13.4	1.83	16.7	2.30	21.2	3.07	23.4	3.52	25.6	3.99	29.9	5.03	31.9	5.43
	25	13.4	1.87	16.7	2.41	21.2	3.28	23.4	3.76	25.6	4.27	29.9	5.38	31.4	5.67
	27	13.4	1.98	16.7	2.57	21.2	3.50	23.4	4.01	25.6	4.56	29.9	5.76	31.0	5.91
	29	13.4	2.10	16.7	2.73	21.2	3.73	23.4	4.28	25.6	4.87	29.7	6.09	30.5	6.15
	31	13.4	2.23	16.7	2.91	21.2	3.98	23.4	4.57	25.6	5.20	29.3	6.33	30.1	6.39
	33	13.4	2.36	16.7	3.09	21.2	4.23	23.4	4.86	25.6	5.54	28.8	6.56	29.6	6.63
	35	13.4	2.50	16.7	3.28	21.2	4.50	23.4	5.18	25.6	5.91	28.4	6.80	29.1	6.87
	37	13.4	2.64	16.7	3.48	21.2	4.79	23.4	5.51	25.6	6.29	27.9	7.04	28.7	7.12
	39	13.4	2.80	16.7	3.69	21.2	5.09	23.4	5.87	25.6	6.70	27.4	7.28	28.2	7.36
100% (250)	10	12.2	1.51	15.2	1.86	19.2	2.38	21.2	2.65	23.2	2.93	27.2	3.50	31.0	4.08
	12	12.2	1.53	15.2	1.89	19.2	2.42	21.2	2.70	23.2	2.98	27.2	3.57	31.0	4.15
	14	12.2	1.56	15.2	1.92	19.2	2.46	21.2	2.75	23.2	3.04	27.2	3.64	31.0	4.23
	16	12.2	1.58	15.2	1.96	19.2	2.51	21.2	2.80	23.2	3.10	27.2	3.71	31.0	4.32
	18	12.2	1.61	15.2	1.99	19.2	2.56	21.2	2.85	23.2	3.16	27.2	3.78	31.0	4.44
	20	12.2	1.63	15.2	2.03	19.2	2.61	21.2	2.91	23.2	3.22	27.2	3.94	31.0	4.78
	21	12.2	1.64	15.2	2.04	19.2	2.63	21.2	2.94	23.2	3.26	27.2	4.08	31.0	4.95
	23	12.2	1.67	15.2	2.08	19.2	2.71	21.2	3.09	23.2	3.49	27.2	4.37	31.0	5.31
	25	12.2	1.70	15.2	2.15	19.2	2.89	21.2	3.30	23.2	3.73	27.2	4.67	30.8	5.63
	27	12.2	1.78	15.2	2.29	19.2	3.08	21.2	3.52	23.2	3.98	27.2	5.00	30.4	5.87
	29	12.2	1.89	15.2	2.43	19.2	3.28	21.2	3.75	23.2	4.25	27.2	5.34	29.9	6.10
	31	12.2	2.00	15.2	2.58	19.2	3.49	21.2	3.99	23.2	4.53	27.2	5.70	29.5	6.34
	33	12.2	2.12	15.2	2.74	19.2	3.72	21.2	4.25	23.2	4.83	27.2	6.08	29.0	6.58
	35	12.2	2.24	15.2	2.91	19.2	3.95	21.2	4.52	23.2	5.14	27.2	6.48	28.6	6.82
	37	12.2	2.37	15.2	3.08	19.2	4.20	21.2	4.81	23.2	5.47	27.2	6.91	28.1	7.06
	39	12.2	2.50	15.2	3.26	19.2	4.46	21.2	5.12	23.2	5.82	26.9	7.23	27.7	7.30
90% (225)	10	11.0	1.38	13.7	1.68	17.3	2.13	19.1	2.36	20.9	2.60	24.5	3.10	27.9	3.61
	12	11.0	1.40	13.7	1.71	17.3	2.16	19.1	2.40	20.9	2.65	24.5	3.16	27.9	3.68
	14	11.0	1.42	13.7	1.73	17.3	2.20	19.1	2.45	20.9	2.70	24.5	3.22	27.9	3.75
	16	11.0	1.44	13.7	1.76	17.3	2.24	19.1	2.49	20.9	2.75	24.5	3.28	27.9	3.82
	18	11.0	1.46	13.7	1.79	17.3	2.28	19.1	2.54	20.9	2.80	24.5	3.35	27.9	3.90
	20	11.0	1.48	13.7	1.82	17.3	2.32	19.1	2.59	20.9	2.86	24.5	3.41	27.9	4.09
	21	11.0	1.49	13.7	1.84	17.3	2.35	19.1	2.61	20.9	2.88	24.5	3.51	27.9	4.23
	23	11.0	1.52	13.7	1.87	17.3	2.39	19.1	2.69	20.9	3.02	24.5	3.75	27.9	4.54
	25	11.0	1.54	13.7	1.90	17.3	2.53	19.1	2.87	20.9	3.23	24.5	4.01	27.9	4.86
	27	11.0	1.59	13.7	2.02	17.3	2.69	19.1	3.06	20.9	3.45	24.5	4.29	27.9	5.19
	29	11.0	1.69	13.7	2.15	17.3	2.86	19.1	3.25	20.9	3.67	24.5	4.58	27.9	5.55
	31	11.0	1.78	13.7	2.28	17.3	3.04	19.1	3.46	20.9	3.91	24.5	4.88	27.9	5.92
	33	11.0	1.89	13.7	2.41	17.3	3.23	19.1	3.68	20.9	4.16	24.5	5.20	27.9	6.32
	35	11.0	2.00	13.7	2.56	17.3	3.43	19.1	3.91	20.9	4.43	24.5	5.54	27.9	6.74
	37	11.0	2.11	13.7	2.71	17.3	3.65	19.1	4.16	20.9	4.71	24.5	5.90	27.5	7.01
	39	11.0	2.23	13.7	2.87	17.3	3.87	19.1	4.42	20.9	5.01	24.5	6.28	27.1	7.25

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (200)	10	9.74	1.25	12.1	1.51	15.4	1.89	17.0	2.09	18.6	2.29	21.8	2.72	24.8	3.15
	12	9.74	1.27	12.1	1.53	15.4	1.92	17.0	2.12	18.6	2.33	21.8	2.77	24.8	3.21
	14	9.74	1.28	12.1	1.55	15.4	1.95	17.0	2.16	18.6	2.37	21.8	2.82	24.8	3.27
	16	9.74	1.30	12.1	1.58	15.4	1.98	17.0	2.20	18.6	2.42	21.8	2.87	24.8	3.33
	18	9.74	1.32	12.1	1.60	15.4	2.02	17.0	2.24	18.6	2.46	21.8	2.93	24.8	3.40
	20	9.74	1.34	12.1	1.63	15.4	2.05	17.0	2.28	18.6	2.51	21.8	2.99	24.8	3.47
	21	9.74	1.35	12.1	1.64	15.4	2.07	17.0	2.30	18.6	2.53	21.8	3.02	24.8	3.57
	23	9.74	1.37	12.1	1.67	15.4	2.11	17.0	2.34	18.6	2.59	21.8	3.19	24.8	3.83
	25	9.74	1.39	12.1	1.70	15.4	2.19	17.0	2.47	18.6	2.76	21.8	3.41	24.8	4.09
	27	9.74	1.42	12.1	1.77	15.4	2.33	17.0	2.63	18.6	2.95	21.8	3.64	24.8	4.37
	29	9.74	1.50	12.1	1.88	15.4	2.47	17.0	2.79	18.6	3.14	21.8	3.88	24.8	4.67
	31	9.74	1.58	12.1	1.99	15.4	2.63	17.0	2.97	18.6	3.34	21.8	4.13	24.8	4.98
	33	9.74	1.67	12.1	2.11	15.4	2.79	17.0	3.15	18.6	3.55	21.8	4.40	24.8	5.31
	35	9.74	1.77	12.1	2.23	15.4	2.96	17.0	3.35	18.6	3.77	21.8	4.68	24.8	5.65
	37	9.74	1.86	12.1	2.36	15.4	3.13	17.0	3.55	18.6	4.00	21.8	4.98	24.8	6.02
	39	9.74	1.97	12.1	2.50	15.4	3.32	17.0	3.77	18.6	4.25	21.8	5.29	24.8	6.41
70% (175)	10	8.53	1.13	10.6	1.34	13.5	1.66	14.9	1.82	16.3	2.00	19.0	2.35	21.7	2.71
	12	8.53	1.14	10.6	1.36	13.5	1.68	14.9	1.85	16.3	2.03	19.0	2.39	21.7	2.76
	14	8.53	1.15	10.6	1.38	13.5	1.71	14.9	1.88	16.3	2.06	19.0	2.44	21.7	2.81
	16	8.53	1.17	10.6	1.40	13.5	1.74	14.9	1.91	16.3	2.10	19.0	2.48	21.7	2.87
	18	8.53	1.18	10.6	1.42	13.5	1.77	14.9	1.95	16.3	2.14	19.0	2.53	21.7	2.92
	20	8.53	1.20	10.6	1.44	13.5	1.80	14.9	1.98	16.3	2.17	19.0	2.57	21.7	2.98
	21	8.53	1.21	10.6	1.45	13.5	1.81	14.9	2.00	16.3	2.19	19.0	2.60	21.7	3.01
	23	8.53	1.23	10.6	1.48	13.5	1.84	14.9	2.04	16.3	2.24	19.0	2.67	21.7	3.18
	25	8.53	1.24	10.6	1.50	13.5	1.88	14.9	2.10	16.3	2.34	19.0	2.85	21.7	3.40
	27	8.53	1.26	10.6	1.54	13.5	1.99	14.9	2.23	16.3	2.49	19.0	3.04	21.7	3.63
	29	8.53	1.32	10.6	1.63	13.5	2.11	14.9	2.37	16.3	2.64	19.0	3.24	21.7	3.87
	31	8.53	1.40	10.6	1.73	13.5	2.24	14.9	2.52	16.3	2.81	19.0	3.44	21.7	4.12
	33	8.53	1.47	10.6	1.83	13.5	2.37	14.9	2.67	16.3	2.98	19.0	3.66	21.7	4.38
	35	8.53	1.55	10.6	1.93	13.5	2.51	14.9	2.83	16.3	3.17	19.0	3.89	21.7	4.67
	37	8.53	1.64	10.6	2.04	13.5	2.66	14.9	3.00	16.3	3.36	19.0	4.14	21.7	4.96
	39	8.53	1.72	10.6	2.15	13.5	2.82	14.9	3.18	16.3	3.56	19.0	4.39	21.7	5.28
60% (150)	10	7.31	1.01	9.11	1.18	11.5	1.44	12.7	1.57	13.9	1.71	16.3	2.00	18.6	2.30
	12	7.31	1.02	9.11	1.20	11.5	1.46	12.7	1.60	13.9	1.74	16.3	2.03	18.6	2.33
	14	7.31	1.03	9.11	1.22	11.5	1.48	12.7	1.62	13.9	1.77	16.3	2.07	18.6	2.38
	16	7.31	1.04	9.11	1.23	11.5	1.51	12.7	1.65	13.9	1.80	16.3	2.11	18.6	2.42
	18	7.31	1.06	9.11	1.25	11.5	1.53	12.7	1.67	13.9	1.83	16.3	2.14	18.6	2.46
	20	7.31	1.07	9.11	1.27	11.5	1.55	12.7	1.70	13.9	1.86	16.3	2.18	18.6	2.51
	21	7.31	1.08	9.11	1.27	11.5	1.57	12.7	1.72	13.9	1.87	16.3	2.20	18.6	2.53
	23	7.31	1.09	9.11	1.29	11.5	1.59	12.7	1.75	13.9	1.91	16.3	2.24	18.6	2.59
	25	7.31	1.10	9.11	1.31	11.5	1.62	12.7	1.78	13.9	1.95	16.3	2.35	18.6	2.77
	27	7.31	1.12	9.11	1.33	11.5	1.68	12.7	1.87	13.9	2.07	16.3	2.50	18.6	2.95
	29	7.31	1.16	9.11	1.41	11.5	1.78	12.7	1.98	13.9	2.20	16.3	2.66	18.6	3.14
	31	7.31	1.22	9.11	1.48	11.5	1.89	12.7	2.10	13.9	2.33	16.3	2.82	18.6	3.34
	33	7.31	1.29	9.11	1.57	11.5	2.00	12.7	2.23	13.9	2.47	16.3	3.00	18.6	3.55
	35	7.31	1.35	9.11	1.65	11.5	2.11	12.7	2.36	13.9	2.62	16.3	3.18	18.6	3.78
	37	7.31	1.42	9.11	1.74	11.5	2.23	12.7	2.49	13.9	2.77	16.3	3.37	18.6	4.01
	39	7.31	1.50	9.11	1.84	11.5	2.36	12.7	2.64	13.9	2.94	16.3	3.58	18.6	4.26
50% (125)	10	6.09	0.90	7.59	1.04	9.62	1.24	10.6	1.34	11.6	1.45	13.6	1.67	15.5	1.90
	12	6.09	0.91	7.59	1.05	9.62	1.25	10.6	1.36	11.6	1.47	13.6	1.70	15.5	1.93
	14	6.09	0.92	7.59	1.06	9.62	1.27	10.6	1.38	11.6	1.49	13.6	1.73	15.5	1.96
	16	6.09	0.93	7.59	1.07	9.62	1.29	10.6	1.40	11.6	1.51	13.6	1.75	15.5	2.00
	18	6.09	0.94	7.59	1.09	9.62	1.30	10.6	1.42	11.6	1.54	13.6	1.78	15.5	2.03
	20	6.09	0.95	7.59	1.10	9.62	1.32	10.6	1.44	11.6	1.56	13.6	1.81	15.5	2.07
	21	6.09	0.95	7.59	1.11	9.62	1.33	10.6	1.45	11.6	1.57	13.6	1.83	15.5	2.09
	23	6.09	0.96	7.59	1.12	9.62	1.35	10.6	1.47	11.6	1.60	13.6	1.86	15.5	2.13
	25	6.09	0.97	7.59	1.14	9.62	1.37	10.6	1.50	11.6	1.63	13.6	1.89	15.5	2.21
	27	6.09	0.99	7.59	1.15	9.62	1.40	10.6	1.54	11.6	1.69	13.6	2.01	15.5	2.35
	29	6.09	1.01	7.59	1.20	9.62	1.48	10.6	1.63	11.6	1.79	13.6	2.13	15.5	2.49
	31	6.09	1.06	7.59	1.26	9.62	1.56	10.6	1.73	11.6	1.90	13.6	2.26	15.5	2.65
	33	6.09	1.11	7.59	1.33	9.62	1.65	10.6	1.83	11.6	2.01	13.6	2.40	15.5	2.81
	35	6.09	1.17	7.59	1.40	9.62	1.74	10.6	1.93	11.6	2.12	13.6	2.54	15.5	2.98
	37	6.09	1.23	7.59	1.47	9.62	1.84	10.6	2.04	11.6	2.25	13.6	2.69	15.5	3.16
	39	6.09	1.29	7.59	1.55	9.62	1.94	10.6	2.15	11.6	2.37	13.6	2.85	15.5	3.35

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When only Residential indoor units or *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ12TY1 Cooling capacity (Capacity correction factor: 1.0) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	10	22.3	2.84	27.8	3.62	35.2	4.74	38.9	5.32	42.0	5.77	43.4	5.47	44.7	5.17
	12	22.3	2.89	27.8	3.68	35.2	4.83	38.9	5.42	41.5	5.74	42.8	5.44	44.1	5.25
	14	22.3	2.94	27.8	3.75	35.2	4.92	38.9	5.52	40.9	5.71	42.3	5.48	43.6	5.55
	16	22.3	2.99	27.8	3.82	35.2	5.02	38.9	5.63	40.4	5.71	41.7	5.78	43.0	5.85
	18	22.3	3.05	27.8	3.90	35.2	5.12	38.9	5.89	39.8	6.00	41.2	6.07	42.5	6.15
	20	22.3	3.11	27.8	3.97	35.2	5.46	38.6	6.25	39.3	6.29	40.6	6.37	41.9	6.45
	21	22.3	3.14	27.8	4.03	35.2	5.66	38.3	6.40	39.0	6.44	40.4	6.52	41.7	6.60
	23	22.3	3.21	27.8	4.31	35.2	6.07	37.8	6.69	38.5	6.73	39.8	6.82	41.1	6.90
	25	22.3	3.43	27.8	4.61	35.2	6.50	37.2	6.98	37.9	7.03	39.3	7.12	40.6	7.21
	27	22.3	3.65	27.8	4.92	35.2	6.95	36.7	7.27	37.4	7.32	38.7	7.42	40.0	7.52
	29	22.3	3.89	27.8	5.25	35.2	7.43	36.1	7.57	36.8	7.62	38.2	7.73	39.5	7.83
	31	22.3	4.14	27.8	5.60	34.9	7.81	35.6	7.86	36.3	7.92	37.6	8.03	38.9	8.14
	33	22.3	4.40	27.8	5.96	34.4	8.10	35.0	8.16	35.7	8.22	37.1	8.34	38.4	8.45
	35	22.3	4.67	27.8	6.35	33.8	8.40	34.5	8.46	35.2	8.52	36.5	8.64	37.9	8.76
	37	22.3	4.96	27.8	6.76	33.3	8.69	34.0	8.76	34.6	8.82	36.0	8.95	37.3	9.08
	39	22.3	5.27	27.8	7.19	32.7	8.99	33.4	9.06	34.1	9.13	35.5	9.27	36.8	9.40
120% (360)	10	20.6	2.61	25.6	3.31	32.5	4.32	35.9	4.84	39.3	5.38	42.6	5.63	43.8	5.36
	12	20.6	2.66	25.6	3.37	32.5	4.40	35.9	4.94	39.3	5.48	42.1	5.60	43.3	5.32
	14	20.6	2.70	25.6	3.43	32.5	4.49	35.9	5.03	39.3	5.58	41.5	5.57	42.8	5.51
	16	20.6	2.75	25.6	3.49	32.5	4.58	35.9	5.13	39.3	5.69	41.0	5.74	42.2	5.80
	18	20.6	2.80	25.6	3.56	32.5	4.67	35.9	5.23	39.2	5.97	40.5	6.04	41.7	6.10
	20	20.6	2.85	25.6	3.63	32.5	4.86	35.9	5.61	38.7	6.26	39.9	6.33	41.1	6.40
	21	20.6	2.88	25.6	3.67	32.5	5.03	35.9	5.82	38.4	6.40	39.6	6.48	40.8	6.55
	23	20.6	2.93	25.6	3.86	32.5	5.39	35.9	6.24	37.8	6.69	39.1	6.77	40.3	6.85
	25	20.6	3.09	25.6	4.13	32.5	5.77	35.9	6.68	37.3	6.99	38.6	7.07	39.8	7.15
	27	20.6	3.29	25.6	4.40	32.5	6.17	35.9	7.14	36.8	7.28	38.0	7.37	39.2	7.46
	29	20.6	3.51	25.6	4.70	32.5	6.59	35.6	7.53	36.2	7.57	37.5	7.67	38.7	7.76
	31	20.6	3.73	25.6	5.00	32.5	7.03	35.0	7.82	35.7	7.87	36.9	7.97	38.1	8.07
	33	20.6	3.96	25.6	5.32	32.5	7.50	34.5	8.11	35.1	8.17	36.4	8.27	37.6	8.38
	35	20.6	4.20	25.6	5.67	32.5	8.00	33.9	8.41	34.6	8.47	35.8	8.58	37.0	8.69
	37	20.6	4.46	25.6	6.03	32.5	8.52	33.4	8.71	34.0	8.77	35.3	8.89	36.5	9.00
	39	20.6	4.74	25.6	6.41	32.2	8.94	32.9	9.00	33.5	9.07	34.7	9.19	35.9	9.32
110% (330)	10	18.9	2.39	23.5	3.01	29.8	3.91	32.9	4.38	36.0	4.86	41.9	5.79	43.0	5.54
	12	18.9	2.43	23.5	3.06	29.8	3.99	32.9	4.46	36.0	4.95	41.4	5.76	42.5	5.51
	14	18.9	2.47	23.5	3.12	29.8	4.06	32.9	4.55	36.0	5.05	40.8	5.73	41.9	5.48
	16	18.9	2.51	23.5	3.17	29.8	4.14	32.9	4.64	36.0	5.15	40.3	5.70	41.4	5.76
	18	18.9	2.56	23.5	3.23	29.8	4.22	32.9	4.73	36.0	5.25	39.7	6.00	40.8	6.06
	20	18.9	2.60	23.5	3.29	29.8	4.31	32.9	4.94	36.0	5.64	39.2	6.29	40.3	6.35
	21	18.9	2.62	23.5	3.33	29.8	4.44	32.9	5.12	36.0	5.84	38.9	6.43	40.0	6.50
	23	18.9	2.67	23.5	3.44	29.8	4.76	32.9	5.48	36.0	6.26	38.4	6.73	39.5	6.80
	25	18.9	2.78	23.5	3.67	29.8	5.09	32.9	5.87	36.0	6.71	37.8	7.02	38.9	7.10
	27	18.9	2.96	23.5	3.92	29.8	5.43	32.9	6.27	36.0	7.18	37.3	7.32	38.4	7.40
	29	18.9	3.14	23.5	4.17	29.8	5.80	32.9	6.70	35.6	7.53	36.7	7.62	37.9	7.70
	31	18.9	3.34	23.5	4.44	29.8	6.19	32.9	7.15	35.1	7.82	36.2	7.91	37.3	8.00
	33	18.9	3.55	23.5	4.72	29.8	6.60	32.9	7.63	34.5	8.11	35.7	8.21	36.8	8.31
	35	18.9	3.76	23.5	5.02	29.8	7.03	32.9	8.14	34.0	8.41	35.1	8.51	36.2	8.61
	37	18.9	3.99	23.5	5.34	29.8	7.48	32.8	8.65	33.4	8.71	34.6	8.82	35.7	8.92
	39	18.9	4.23	23.5	5.67	29.8	7.97	32.3	8.95	32.9	9.01	34.0	9.12	35.1	9.23
100% (300)	10	17.1	2.17	21.4	2.72	27.1	3.51	29.9	3.93	32.7	4.35	38.3	5.22	42.2	5.72
	12	17.1	2.21	21.4	2.76	27.1	3.58	29.9	4.00	32.7	4.44	38.3	5.32	41.7	5.69
	14	17.1	2.24	21.4	2.81	27.1	3.65	29.9	4.08	32.7	4.52	38.3	5.42	41.1	5.66
	16	17.1	2.28	21.4	2.86	27.1	3.71	29.9	4.16	32.7	4.61	38.3	5.53	40.6	5.72
	18	17.1	2.32	21.4	2.91	27.1	3.79	29.9	4.24	32.7	4.70	38.3	5.76	40.0	6.01
	20	17.1	2.36	21.4	2.97	27.1	3.86	29.9	4.32	32.7	4.90	38.3	6.19	39.5	6.30
	21	17.1	2.38	21.4	3.00	27.1	3.90	29.9	4.46	32.7	5.08	38.2	6.39	39.2	6.45
	23	17.1	2.42	21.4	3.06	27.1	4.16	29.9	4.78	32.7	5.44	37.7	6.68	38.7	6.75
	25	17.1	2.48	21.4	3.25	27.1	4.45	29.9	5.11	32.7	5.82	37.1	6.97	38.1	7.04
	27	17.1	2.64	21.4	3.46	27.1	4.75	29.9	5.46	32.7	6.22	36.6	7.27	37.6	7.34
	29	17.1	2.80	21.4	3.68	27.1	5.07	29.9	5.83	32.7	6.65	36.0	7.56	37.0	7.64
	31	17.1	2.98	21.4	3.92	27.1	5.40	29.9	6.22	32.7	7.10	35.5	7.86	36.5	7.94
	33	17.1	3.16	21.4	4.16	27.1	5.75	29.9	6.63	32.7	7.57	34.9	8.15	35.9	8.24
	35	17.1	3.34	21.4	4.42	27.1	6.12	29.9	7.07	32.7	8.07	34.4	8.45	35.4	8.54
	37	17.1	3.54	21.4	4.69	27.1	6.51	29.9	7.52	32.7	8.60	33.8	8.75	34.9	8.84
	39	17.1	3.75	21.4	4.98	27.1	6.93	29.9	8.01	32.3	8.94	33.3	9.05	34.3	9.15
90% (270)	10	15.4	1.97	19.2	2.44	24.4	3.13	26.9	3.49	29.4	3.86	34.4	4.62	39.3	5.38
	12	15.4	2.00	19.2	2.48	24.4	3.18	26.9	3.55	29.4	3.93	34.4	4.71	39.3	5.48
	14	15.4	2.03	19.2	2.52	24.4	3.24	26.9	3.62	29.4	4.01	34.4	4.80	39.3	5.59
	16	15.4	2.06	19.2	2.56	24.4	3.30	26.9	3.69	29.4	4.08	34.4	4.89	39.3	5.70
	18	15.4	2.09	19.2	2.61	24.4	3.36	26.9	3.76	29.4	4.16	34.4	4.99	39.2	5.97
	20	15.4	2.13	19.2	2.66	24.4	3.43	26.9	3.83	29.4	4.25	34.4	5.29	38.7	6.26
	21	15.4	2.15	19.2	2.68	24.4	3.46	26.9	3.87	29.4	4.37	34.4	5.48	38.4	6.40
	23	15.4	2.18	19.2	2.73	24.4	3.61	26.9	4.12	29.4	4.68	34.4	5.87	37.9	6.69
	25	15.4	2.22	19.2	2.85	24.4	3.85	26.9	4.41	29.4	5.00	34.4	6.29	37.3	6.99
	27	15.4	2.34	19.2	3.03	24.4	4.11	26.9	4.70	29.4	5.34	34.4	6.72	36.8	7.28
	29	15.4	2.48	19.2	3.22	24.4	4.38	26.9	5.02	29.4	5.70	34.4	7.18	36.2	7.57
	31	15.4	2.63	19.2	3.42	24.4	4.66	26.9	5.35	29.4	6.08	34.4	7.67	35.7	7.87
	33	15.4	2.79	19.2	3.64	24.4	4.96	26.9	5.69	29.4	6.48	34.2	8.09	35.1	8.17
	35	15.4	2.95	19.2	3.86	24.4	5.28	26.9	6.06	29.4	6.90	33.7	8.38	34.6	8.47
	37	15.4	3.13	19.2	4.09	24.4	5.61	26.9	6.45	29.4	7.35	33.1	8.68	34.0	8.77
	39	15.4	3.31	19.2	4.34	24.4	5.97	26.9	6.86	29.4	7.83	32.6	8.98	33.5	9.07

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (240)	10	13.7	1.77	17.1	2.17	21.7	2.76	23.9	3.06	26.2	3.38	30.6	4.04	34.9	4.70
	12	13.7	1.79	17.1	2.20	21.7	2.80	23.9	3.12	26.2	3.44	30.6	4.11	34.9	4.78
	14	13.7	1.82	17.1	2.24	21.7	2.85	23.9	3.17	26.2	3.51	30.6	4.19	34.9	4.88
	16	13.7	1.85	17.1	2.28	21.7	2.91	23.9	3.23	26.2	3.57	30.6	4.27	34.9	4.97
	18	13.7	1.88	17.1	2.31	21.7	2.96	23.9	3.29	26.2	3.64	30.6	4.36	34.9	5.07
	20	13.7	1.91	17.1	2.35	21.7	3.01	23.9	3.36	26.2	3.71	30.6	4.46	34.9	5.39
	21	13.7	1.92	17.1	2.38	21.7	3.04	23.9	3.39	26.2	3.75	30.6	4.62	34.9	5.59
	23	13.7	1.95	17.1	2.42	21.7	3.10	23.9	3.52	26.2	3.97	30.6	4.94	34.9	5.99
	25	13.7	1.99	17.1	2.48	21.7	3.30	23.9	3.76	26.2	4.24	30.6	5.29	34.9	6.41
	27	13.7	2.06	17.1	2.63	21.7	3.52	23.9	4.01	26.2	4.53	30.6	5.65	34.9	6.86
	29	13.7	2.18	17.1	2.80	21.7	3.75	23.9	4.27	26.2	4.83	30.6	6.03	34.9	7.33
	31	13.7	2.31	17.1	2.97	21.7	3.99	23.9	4.54	26.2	5.14	30.6	6.44	34.9	7.80
	33	13.7	2.45	17.1	3.15	21.7	4.24	23.9	4.83	26.2	5.48	30.6	6.86	34.3	8.10
	35	13.7	2.59	17.1	3.33	21.7	4.50	23.9	5.14	26.2	5.83	30.6	7.32	33.8	8.39
	37	13.7	2.74	17.1	3.53	21.7	4.78	23.9	5.47	26.2	6.20	30.6	7.79	33.2	8.69
	39	13.7	2.89	17.1	3.74	21.7	5.08	23.9	5.81	26.2	6.59	30.6	8.30	32.7	8.99
70% (210)	10	12.0	1.58	15.0	1.91	19.0	2.40	20.9	2.66	22.9	2.92	26.8	3.47	30.6	4.03
	12	12.0	1.60	15.0	1.94	19.0	2.44	20.9	2.70	22.9	2.97	26.8	3.54	30.6	4.10
	14	12.0	1.62	15.0	1.97	19.0	2.48	20.9	2.75	22.9	3.03	26.8	3.60	30.6	4.18
	16	12.0	1.65	15.0	2.00	19.0	2.53	20.9	2.80	22.9	3.08	26.8	3.67	30.6	4.26
	18	12.0	1.67	15.0	2.03	19.0	2.57	20.9	2.85	22.9	3.14	26.8	3.74	30.6	4.34
	20	12.0	1.69	15.0	2.07	19.0	2.62	20.9	2.90	22.9	3.20	26.8	3.81	30.6	4.45
	21	12.0	1.71	15.0	2.08	19.0	2.64	20.9	2.93	22.9	3.23	26.8	3.85	30.6	4.60
	23	12.0	1.73	15.0	2.12	19.0	2.69	20.9	2.99	22.9	3.32	26.8	4.10	30.6	4.93
	25	12.0	1.76	15.0	2.16	19.0	2.80	20.9	3.16	22.9	3.55	26.8	4.38	30.6	5.27
	27	12.0	1.80	15.0	2.26	19.0	2.98	20.9	3.37	22.9	3.78	26.8	4.68	30.6	5.63
	29	12.0	1.91	15.0	2.40	19.0	3.17	20.9	3.58	22.9	4.03	26.8	4.99	30.6	6.02
	31	12.0	2.01	15.0	2.54	19.0	3.36	20.9	3.81	22.9	4.29	26.8	5.32	30.6	6.42
	33	12.0	2.13	15.0	2.69	19.0	3.57	20.9	4.05	22.9	4.56	26.8	5.66	30.6	6.84
	35	12.0	2.25	15.0	2.85	19.0	3.79	20.9	4.30	22.9	4.85	26.8	6.03	30.6	7.29
	37	12.0	2.37	15.0	3.02	19.0	4.02	20.9	4.56	22.9	5.15	26.8	6.41	30.6	7.77
	39	12.0	2.50	15.0	3.19	19.0	4.26	20.9	4.84	22.9	5.47	26.8	6.82	30.6	8.27
60% (180)	10	10.3	1.40	12.8	1.67	16.3	2.07	17.9	2.27	19.6	2.49	23.0	2.93	26.2	3.39
	12	10.3	1.42	12.8	1.69	16.3	2.10	17.9	2.31	19.6	2.53	23.0	2.98	26.2	3.45
	14	10.3	1.44	12.8	1.72	16.3	2.13	17.9	2.35	19.6	2.57	23.0	3.04	26.2	3.51
	16	10.3	1.45	12.8	1.74	16.3	2.17	17.9	2.39	19.6	2.62	23.0	3.09	26.2	3.58
	18	10.3	1.47	12.8	1.77	16.3	2.20	17.9	2.43	19.6	2.66	23.0	3.15	26.2	3.65
	20	10.3	1.49	12.8	1.80	16.3	2.24	17.9	2.47	19.6	2.71	23.0	3.21	26.2	3.72
	21	10.3	1.50	12.8	1.81	16.3	2.26	17.9	2.49	19.6	2.74	23.0	3.24	26.2	3.75
	23	10.3	1.53	12.8	1.84	16.3	2.30	17.9	2.54	19.6	2.79	23.0	3.34	26.2	3.98
	25	10.3	1.55	12.8	1.87	16.3	2.34	17.9	2.62	19.6	2.92	23.0	3.56	26.2	4.25
	27	10.3	1.57	12.8	1.92	16.3	2.48	17.9	2.78	19.6	3.11	23.0	3.80	26.2	4.53
	29	10.3	1.65	12.8	2.04	16.3	2.63	17.9	2.96	19.6	3.30	23.0	4.04	26.2	4.83
	31	10.3	1.74	12.8	2.16	16.3	2.79	17.9	3.14	19.6	3.51	23.0	4.30	26.2	5.15
	33	10.3	1.83	12.8	2.28	16.3	2.96	17.9	3.33	19.6	3.73	23.0	4.58	26.2	5.48
	35	10.3	1.93	12.8	2.41	16.3	3.14	17.9	3.53	19.6	3.96	23.0	4.87	26.2	5.83
	37	10.3	2.04	12.8	2.54	16.3	3.32	17.9	3.75	19.6	4.20	23.0	5.17	26.2	6.21
	39	10.3	2.15	12.8	2.68	16.3	3.52	17.9	3.97	19.6	4.45	23.0	5.49	26.2	6.60
50% (150)	10	8.57	1.23	10.7	1.44	13.5	1.75	14.9	1.91	16.4	2.08	19.1	2.42	21.8	2.78
	12	8.57	1.24	10.7	1.46	13.5	1.78	14.9	1.94	16.4	2.11	19.1	2.46	21.8	2.83
	14	8.57	1.26	10.7	1.48	13.5	1.80	14.9	1.97	16.4	2.14	19.1	2.51	21.8	2.88
	16	8.57	1.27	10.7	1.50	13.5	1.83	14.9	2.00	16.4	2.18	19.1	2.55	21.8	2.93
	18	8.57	1.29	10.7	1.52	13.5	1.86	14.9	2.03	16.4	2.21	19.1	2.59	21.8	2.98
	20	8.57	1.30	10.7	1.54	13.5	1.88	14.9	2.07	16.4	2.25	19.1	2.64	21.8	3.04
	21	8.57	1.31	10.7	1.55	13.5	1.90	14.9	2.08	16.4	2.27	19.1	2.67	21.8	3.07
	23	8.57	1.33	10.7	1.57	13.5	1.93	14.9	2.12	16.4	2.31	19.1	2.72	21.8	3.13
	25	8.57	1.35	10.7	1.60	13.5	1.96	14.9	2.15	16.4	2.35	19.1	2.83	21.8	3.33
	27	8.57	1.36	10.7	1.62	13.5	2.03	14.9	2.26	16.4	2.50	19.1	3.01	21.8	3.55
	29	8.57	1.41	10.7	1.71	13.5	2.16	14.9	2.40	16.4	2.65	19.1	3.20	21.8	3.78
	31	8.57	1.48	10.7	1.80	13.5	2.28	14.9	2.54	16.4	2.81	19.1	3.40	21.8	4.02
	33	8.57	1.56	10.7	1.90	13.5	2.41	14.9	2.69	16.4	2.98	19.1	3.61	21.8	4.28
	35	8.57	1.64	10.7	2.00	13.5	2.55	14.9	2.85	16.4	3.16	19.1	3.83	21.8	4.54
	37	8.57	1.73	10.7	2.11	13.5	2.70	14.9	3.01	16.4	3.35	19.1	4.06	21.8	4.83
	39	8.57	1.82	10.7	2.23	13.5	2.85	14.9	3.19	16.4	3.54	19.1	4.31	21.8	5.12

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ12TY1 Cooling capacity (Capacity correction factor: 0.95) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	10	21.2	2.69	26.4	3.41	33.5	4.47	36.9	5.01	40.4	5.56	42.9	5.57	44.1	5.30
	12	21.2	2.74	26.4	3.48	33.5	4.55	36.9	5.10	40.4	5.66	42.3	5.54	43.6	5.26
	14	21.2	2.78	26.4	3.54	33.5	4.64	36.9	5.20	40.4	5.77	41.8	5.51	43.0	5.52
	16	21.2	2.83	26.4	3.61	33.5	4.73	36.9	5.30	40.0	5.77	41.3	5.75	42.5	5.82
	18	21.2	2.89	26.4	3.68	33.5	4.82	36.9	5.45	39.4	5.98	40.7	6.05	42.0	6.12
	20	21.2	2.94	26.4	3.75	33.5	5.07	36.9	5.86	38.9	6.27	40.2	6.34	41.4	6.42
	21	21.2	2.97	26.4	3.79	33.5	5.25	36.9	6.07	38.6	6.41	39.9	6.49	41.1	6.57
	23	21.2	3.02	26.4	4.02	33.5	5.62	36.9	6.51	38.1	6.71	39.3	6.79	40.6	6.87
	25	21.2	3.21	26.4	4.29	33.5	6.02	36.9	6.96	37.5	7.00	38.8	7.09	40.0	7.17
	27	21.2	3.42	26.4	4.58	33.5	6.44	36.3	7.25	37.0	7.29	38.3	7.39	39.5	7.48
	29	21.2	3.64	26.4	4.89	33.5	6.88	35.8	7.54	36.4	7.59	37.7	7.69	39.0	7.79
	31	21.2	3.87	26.4	5.21	33.5	7.34	35.2	7.83	35.9	7.89	37.2	7.99	38.4	8.09
	33	21.2	4.11	26.4	5.54	33.5	7.83	34.7	8.13	35.3	8.19	36.6	8.30	37.9	8.40
	35	21.2	4.37	26.4	5.90	33.5	8.35	34.1	8.43	34.8	8.49	36.1	8.60	37.3	8.71
	37	21.2	4.63	26.4	6.28	32.9	8.66	33.6	8.72	34.2	8.79	35.5	8.91	36.8	9.03
	39	21.2	4.92	26.4	6.68	32.4	8.96	33.1	9.02	33.7	9.09	35.0	9.22	36.2	9.34
120% (360)	10	19.5	2.48	24.4	3.13	30.9	4.08	34.1	4.57	37.3	5.07	42.2	5.72	43.4	5.47
	12	19.5	2.52	24.4	3.18	30.9	4.15	34.1	4.65	37.3	5.16	41.7	5.70	42.8	5.44
	14	19.5	2.56	24.4	3.24	30.9	4.23	34.1	4.74	37.3	5.26	41.1	5.67	42.3	5.48
	16	19.5	2.61	24.4	3.30	30.9	4.31	34.1	4.83	37.3	5.36	40.6	5.72	41.7	5.78
	18	19.5	2.65	24.4	3.36	30.9	4.40	34.1	4.93	37.3	5.53	40.0	6.01	41.2	6.07
	20	19.5	2.70	24.4	3.43	30.9	4.51	34.1	5.20	37.3	5.95	39.5	6.30	40.6	6.37
	21	19.5	2.72	24.4	3.46	30.9	4.67	34.1	5.39	37.3	6.16	39.2	6.45	40.4	6.52
	23	19.5	2.78	24.4	3.61	30.9	5.01	34.1	5.78	37.3	6.61	38.7	6.75	39.8	6.82
	25	19.5	2.90	24.4	3.85	30.9	5.35	34.1	6.19	36.9	6.96	38.1	7.04	39.3	7.12
	27	19.5	3.09	24.4	4.11	30.9	5.72	34.1	6.61	36.4	7.25	37.6	7.34	38.7	7.42
	29	19.5	3.29	24.4	4.38	30.9	6.11	34.1	7.07	35.8	7.55	37.0	7.64	38.2	7.73
	31	19.5	3.49	24.4	4.66	30.9	6.52	34.1	7.55	35.3	7.84	36.5	7.94	37.6	8.03
	33	19.5	3.71	24.4	4.96	30.9	6.95	34.1	8.05	34.8	8.14	35.9	8.24	37.1	8.34
	35	19.5	3.94	24.4	5.28	30.9	7.41	33.6	8.38	34.2	8.43	35.4	8.54	36.5	8.64
	37	19.5	4.18	24.4	5.61	30.9	7.89	33.1	8.67	33.7	8.73	34.9	8.84	36.0	8.95
	39	19.5	4.43	24.4	5.96	30.9	8.40	32.5	8.97	33.1	9.03	34.3	9.15	35.5	9.27
110% (330)	10	17.9	2.27	22.3	2.85	28.3	3.69	31.2	4.13	34.2	4.58	40.0	5.50	42.6	5.64
	12	17.9	2.31	22.3	2.90	28.3	3.76	31.2	4.21	34.2	4.67	40.0	5.60	42.0	5.61
	14	17.9	2.34	22.3	2.95	28.3	3.83	31.2	4.29	34.2	4.76	40.0	5.71	41.5	5.58
	16	17.9	2.38	22.3	3.00	28.3	3.90	31.2	4.37	34.2	4.85	39.9	5.79	40.9	5.74
	18	17.9	2.42	22.3	3.06	28.3	3.98	31.2	4.46	34.2	4.95	39.3	5.97	40.4	6.03
	20	17.9	2.47	22.3	3.11	28.3	4.06	31.2	4.59	34.2	5.23	38.8	6.26	39.9	6.33
	21	17.9	2.49	22.3	3.14	28.3	4.13	31.2	4.75	34.2	5.41	38.5	6.41	39.6	6.47
	23	17.9	2.54	22.3	3.22	28.3	4.43	31.2	5.09	34.2	5.80	38.0	6.70	39.0	6.77
	25	17.9	2.61	22.3	3.44	28.3	4.73	31.2	5.44	34.2	6.21	37.4	7.00	38.5	7.07
	27	17.9	2.78	22.3	3.66	28.3	5.05	31.2	5.82	34.2	6.64	36.9	7.29	37.9	7.37
	29	17.9	2.95	22.3	3.90	28.3	5.39	31.2	6.21	34.2	7.10	36.4	7.58	37.4	7.67
	31	17.9	3.14	22.3	4.15	28.3	5.75	31.2	6.63	34.2	7.58	35.8	7.88	36.9	7.97
	33	17.9	3.33	22.3	4.41	28.3	6.12	31.2	7.07	34.2	8.09	35.3	8.18	36.3	8.27
	35	17.9	3.53	22.3	4.69	28.3	6.52	31.2	7.54	33.6	8.38	34.7	8.48	35.8	8.57
	37	17.9	3.74	22.3	4.98	28.3	6.94	31.2	8.03	33.1	8.68	34.2	8.78	35.2	8.88
	39	17.9	3.96	22.3	5.29	28.3	7.39	31.2	8.55	32.5	8.97	33.6	9.08	34.7	9.19
100% (300)	10	16.3	2.07	20.3	2.58	25.7	3.32	28.4	3.71	31.1	4.11	36.4	4.92	41.5	5.73
	12	16.3	2.10	20.3	2.62	25.7	3.38	28.4	3.77	31.1	4.18	36.4	5.01	41.3	5.79
	14	16.3	2.14	20.3	2.66	25.7	3.44	28.4	3.85	31.1	4.26	36.4	5.11	40.7	5.76
	16	16.3	2.17	20.3	2.71	25.7	3.51	28.4	3.92	31.1	4.34	36.4	5.21	40.2	5.73
	18	16.3	2.21	20.3	2.76	25.7	3.57	28.4	4.00	31.1	4.43	36.4	5.33	39.6	5.99
	20	16.3	2.24	20.3	2.81	25.7	3.64	28.4	4.07	31.1	4.55	36.4	5.73	39.1	6.28
	21	16.3	2.26	20.3	2.84	25.7	3.68	28.4	4.15	31.1	4.71	36.4	5.93	38.8	6.43
	23	16.3	2.30	20.3	2.89	25.7	3.88	28.4	4.45	31.1	5.05	36.4	6.36	38.3	6.72
	25	16.3	2.34	20.3	3.04	25.7	4.15	28.4	4.75	31.1	5.40	36.4	6.82	37.7	7.01
	27	16.3	2.49	20.3	3.24	25.7	4.42	28.4	5.07	31.1	5.77	36.2	7.24	37.2	7.31
	29	16.3	2.64	20.3	3.45	25.7	4.72	28.4	5.41	31.1	6.16	35.7	7.53	36.6	7.61
	31	16.3	2.80	20.3	3.67	25.7	5.02	28.4	5.77	31.1	6.58	35.1	7.83	36.1	7.90
	33	16.3	2.97	20.3	3.89	25.7	5.35	28.4	6.15	31.1	7.01	34.6	8.12	35.5	8.20
	35	16.3	3.15	20.3	4.13	25.7	5.69	28.4	6.56	31.1	7.48	34.0	8.42	35.0	8.50
	37	16.3	3.33	20.3	4.39	25.7	6.05	28.4	6.97	31.1	7.96	33.5	8.71	34.4	8.81
	39	16.3	3.53	20.3	4.65	25.7	6.44	28.4	7.42	31.1	8.48	32.9	9.01	33.9	9.11
90% (270)	10	14.7	1.88	18.3	2.31	23.2	2.96	25.6	3.30	28.0	3.64	32.7	4.36	37.3	5.07
	12	14.7	1.91	18.3	2.35	23.2	3.01	25.6	3.35	28.0	3.71	32.7	4.44	37.3	5.17
	14	14.7	1.93	18.3	2.39	23.2	3.07	25.6	3.42	28.0	3.78	32.7	4.52	37.3	5.27
	16	14.7	1.96	18.3	2.43	23.2	3.12	25.6	3.48	28.0	3.85	32.7	4.61	37.3	5.37
	18	14.7	1.99	18.3	2.47	23.2	3.18	25.6	3.55	28.0	3.93	32.7	4.70	37.3	5.54
	20	14.7	2.03	18.3	2.52	23.2	3.24	25.6	3.62	28.0	4.00	32.7	4.91	37.3	5.96
	21	14.7	2.04	18.3	2.54	23.2	3.27	25.6	3.65	28.0	4.07	32.7	5.08	37.3	6.17
	23	14.7	2.08	18.3	2.59	23.2	3.37	25.6	3.85	28.0	4.35	32.7	5.44	37.3	6.62
	25	14.7	2.11	18.3	2.68	23.2	3.60	25.6	4.11	28.0	4.65	32.7	5.83	36.9	6.96
	27	14.7	2.21	18.3	2.85	23.2	3.84	25.6	4.38	28.0	4.97	32.7	6.23	36.4	7.25
	29	14.7	2.35	18.3	3.03	23.2	4.09	25.6	4.67	28.0	5.30	32.7	6.65	35.9	7.55
	31	14.7	2.49	18.3	3.21	23.2	4.35	25.6	4.98	28.0	5.65	32.7	7.10	35.3	7.84
	33	14.7	2.63	18.3	3.41	23.2	4.63	25.6	5.30	28.0	6.02	32.7	7.58	34.8	8.14
	35	14.7	2.79	18.3	3.62	23.2	4.92	25.6	5.64	28.0	6.41	32.7	8.08	34.2	8.43
	37	14.7	2.95	18.3	3.83	23.2	5.23	25.6	6.00	28.0	6.82	32.7	8.61	33.7	8.73
	39	14.7	3.12	18.3	4.06	23.2	5.56	25.6	6.38	28.0	7.26	32.3	8.94	33.1	9.03

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (240)	10	13.0	1.69	16.2	2.06	20.6	2.61	22.7	2.90	24.9	3.20	29.1	3.81	33.2	4.43
	12	13.0	1.72	16.2	2.10	20.6	2.66	22.7	2.95	24.9	3.25	29.1	3.88	33.2	4.51
	14	13.0	1.74	16.2	2.13	20.6	2.70	22.7	3.00	24.9	3.31	29.1	3.95	33.2	4.60
	16	13.0	1.77	16.2	2.16	20.6	2.75	22.7	3.06	24.9	3.37	29.1	4.03	33.2	4.68
	18	13.0	1.79	16.2	2.20	20.6	2.80	22.7	3.11	24.9	3.44	29.1	4.11	33.2	4.78
	20	13.0	1.82	16.2	2.24	20.6	2.85	22.7	3.17	24.9	3.50	29.1	4.19	33.2	5.00
	21	13.0	1.83	16.2	2.26	20.6	2.88	22.7	3.20	24.9	3.54	29.1	4.29	33.2	5.18
	23	13.0	1.86	16.2	2.30	20.6	2.93	22.7	3.29	24.9	3.70	29.1	4.60	33.2	5.55
	25	13.0	1.89	16.2	2.34	20.6	3.10	22.7	3.51	24.9	3.96	29.1	4.92	33.2	5.94
	27	13.0	1.95	16.2	2.48	20.6	3.30	22.7	3.74	24.9	4.22	29.1	5.25	33.2	6.36
	29	13.0	2.07	16.2	2.63	20.6	3.51	22.7	3.99	24.9	4.50	29.1	5.60	33.2	6.79
	31	13.0	2.19	16.2	2.79	20.6	3.73	22.7	4.24	24.9	4.79	29.1	5.98	33.2	7.25
	33	13.0	2.32	16.2	2.96	20.6	3.96	22.7	4.51	24.9	5.10	29.1	6.37	33.2	7.73
	35	13.0	2.45	16.2	3.14	20.6	4.21	22.7	4.80	24.9	5.42	29.1	6.78	33.2	8.25
	37	13.0	2.59	16.2	3.32	20.6	4.47	22.7	5.09	24.9	5.77	29.1	7.22	32.9	8.66
	39	13.0	2.73	16.2	3.52	20.6	4.74	22.7	5.41	24.9	6.13	29.1	7.69	32.3	8.95
70% (210)	10	11.4	1.52	14.2	1.83	18.0	2.28	19.9	2.52	21.8	2.77	25.5	3.28	29.0	3.80
	12	11.4	1.54	14.2	1.85	18.0	2.32	19.9	2.56	21.8	2.82	25.5	3.34	29.0	3.87
	14	11.4	1.56	14.2	1.88	18.0	2.36	19.9	2.61	21.8	2.86	25.5	3.40	29.0	3.94
	16	11.4	1.58	14.2	1.91	18.0	2.40	19.9	2.65	21.8	2.92	25.5	3.46	29.0	4.02
	18	11.4	1.60	14.2	1.94	18.0	2.44	19.9	2.70	21.8	2.97	25.5	3.53	29.0	4.10
	20	11.4	1.62	14.2	1.97	18.0	2.48	19.9	2.75	21.8	3.03	25.5	3.60	29.0	4.18
	21	11.4	1.63	14.2	1.99	18.0	2.50	19.9	2.77	21.8	3.05	25.5	3.63	29.0	4.28
	23	11.4	1.66	14.2	2.02	18.0	2.55	19.9	2.83	21.8	3.11	25.5	3.82	29.0	4.58
	25	11.4	1.68	14.2	2.05	18.0	2.63	19.9	2.96	21.8	3.32	25.5	4.08	29.0	4.90
	27	11.4	1.71	14.2	2.14	18.0	2.80	19.9	3.16	21.8	3.54	25.5	4.36	29.0	5.23
	29	11.4	1.81	14.2	2.27	18.0	2.97	19.9	3.36	21.8	3.77	25.5	4.65	29.0	5.59
	31	11.4	1.92	14.2	2.40	18.0	3.16	19.9	3.57	21.8	4.01	25.5	4.95	29.0	5.96
	33	11.4	2.02	14.2	2.54	18.0	3.35	19.9	3.79	21.8	4.26	25.5	5.27	29.0	6.35
	35	11.4	2.13	14.2	2.69	18.0	3.55	19.9	4.02	21.8	4.52	25.5	5.61	29.0	6.76
	37	11.4	2.25	14.2	2.85	18.0	3.77	19.9	4.27	21.8	4.80	25.5	5.96	29.0	7.20
	39	11.4	2.37	14.2	3.01	18.0	3.99	19.9	4.53	21.8	5.10	25.5	6.34	29.0	7.67
60% (180)	10	9.77	1.35	12.2	1.60	15.4	1.97	17.0	2.16	18.6	2.36	21.8	2.78	24.9	3.20
	12	9.77	1.37	12.2	1.62	15.4	2.00	17.0	2.20	18.6	2.40	21.8	2.82	24.9	3.26
	14	9.77	1.38	12.2	1.64	15.4	2.03	17.0	2.23	18.6	2.44	21.8	2.87	24.9	3.32
	16	9.77	1.40	12.2	1.67	15.4	2.06	17.0	2.27	18.6	2.48	21.8	2.93	24.9	3.38
	18	9.77	1.42	12.2	1.69	15.4	2.10	17.0	2.31	18.6	2.53	21.8	2.98	24.9	3.44
	20	9.77	1.44	12.2	1.72	15.4	2.13	17.0	2.35	18.6	2.57	21.8	3.04	24.9	3.51
	21	9.77	1.44	12.2	1.73	15.4	2.15	17.0	2.37	18.6	2.59	21.8	3.06	24.9	3.54
	23	9.77	1.46	12.2	1.76	15.4	2.19	17.0	2.41	18.6	2.64	21.8	3.12	24.9	3.71
	25	9.77	1.49	12.2	1.78	15.4	2.22	17.0	2.47	18.6	2.74	21.8	3.33	24.9	3.96
	27	9.77	1.51	12.2	1.83	15.4	2.34	17.0	2.62	18.6	2.92	21.8	3.55	24.9	4.23
	29	9.77	1.57	12.2	1.93	15.4	2.49	17.0	2.78	18.6	3.10	21.8	3.78	24.9	4.50
	31	9.77	1.66	12.2	2.05	15.4	2.64	17.0	2.95	18.6	3.29	21.8	4.02	24.9	4.80
	33	9.77	1.75	12.2	2.16	15.4	2.79	17.0	3.13	18.6	3.50	21.8	4.28	24.9	5.10
	35	9.77	1.84	12.2	2.28	15.4	2.96	17.0	3.32	18.6	3.71	21.8	4.54	24.9	5.43
	37	9.77	1.94	12.2	2.41	15.4	3.13	17.0	3.52	18.6	3.93	21.8	4.82	24.9	5.77
	39	9.77	2.04	12.2	2.54	15.4	3.31	17.0	3.73	18.6	4.17	21.8	5.12	24.9	6.14
50% (150)	10	8.14	1.19	10.2	1.39	12.9	1.67	14.2	1.82	15.5	1.98	18.2	2.30	20.7	2.63
	12	8.14	1.20	10.2	1.40	12.9	1.70	14.2	1.85	15.5	2.01	18.2	2.34	20.7	2.68
	14	8.14	1.22	10.2	1.42	12.9	1.72	14.2	1.88	15.5	2.04	18.2	2.38	20.7	2.72
	16	8.14	1.23	10.2	1.44	12.9	1.75	14.2	1.91	15.5	2.07	18.2	2.42	20.7	2.77
	18	8.14	1.24	10.2	1.46	12.9	1.77	14.2	1.94	15.5	2.11	18.2	2.46	20.7	2.82
	20	8.14	1.26	10.2	1.48	12.9	1.80	14.2	1.97	15.5	2.14	18.2	2.51	20.7	2.87
	21	8.14	1.27	10.2	1.49	12.9	1.81	14.2	1.98	15.5	2.16	18.2	2.53	20.7	2.90
	23	8.14	1.28	10.2	1.51	12.9	1.84	14.2	2.02	15.5	2.20	18.2	2.57	20.7	2.96
	25	8.14	1.30	10.2	1.53	12.9	1.87	14.2	2.05	15.5	2.24	18.2	2.66	20.7	3.12
	27	8.14	1.31	10.2	1.55	12.9	1.93	14.2	2.14	15.5	2.36	18.2	2.83	20.7	3.33
	29	8.14	1.35	10.2	1.63	12.9	2.04	14.2	2.27	15.5	2.50	18.2	3.01	20.7	3.54
	31	8.14	1.42	10.2	1.72	12.9	2.16	14.2	2.40	15.5	2.65	18.2	3.19	20.7	3.76
	33	8.14	1.50	10.2	1.81	12.9	2.29	14.2	2.54	15.5	2.81	18.2	3.39	20.7	4.00
	35	8.14	1.58	10.2	1.91	12.9	2.42	14.2	2.69	15.5	2.98	18.2	3.59	20.7	4.25
	37	8.14	1.66	10.2	2.01	12.9	2.55	14.2	2.84	15.5	3.15	18.2	3.81	20.7	4.51
	39	8.14	1.74	10.2	2.12	12.9	2.69	14.2	3.00	15.5	3.33	18.2	4.04	20.7	4.78

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ12TY1 Cooling capacity (Capacity correction factor: 0.90) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	10	20.1	2.54	25.0	3.22	31.7	4.20	35.0	4.70	38.3	5.22	42.4	5.68	43.6	5.42
	12	20.1	2.59	25.0	3.27	31.7	4.28	35.0	4.79	38.3	5.32	41.9	5.65	43.1	5.38
	14	20.1	2.63	25.0	3.33	31.7	4.36	35.0	4.89	38.3	5.42	41.3	5.62	42.5	5.50
	16	20.1	2.68	25.0	3.40	31.7	4.44	35.0	4.98	38.3	5.53	40.8	5.73	42.0	5.79
	18	20.1	2.72	25.0	3.46	31.7	4.53	35.0	5.08	38.3	5.75	40.2	6.02	41.4	6.09
	20	20.1	2.77	25.0	3.53	31.7	4.68	35.0	5.41	38.3	6.18	39.7	6.32	40.9	6.39
	21	20.1	2.80	25.0	3.56	31.7	4.85	35.0	5.60	38.2	6.39	39.4	6.46	40.6	6.54
	23	20.1	2.85	25.0	3.73	31.7	5.20	35.0	6.00	37.7	6.68	38.9	6.76	40.1	6.84
	25	20.1	3.00	25.0	3.99	31.7	5.56	35.0	6.43	37.1	6.97	38.3	7.06	39.5	7.14
	27	20.1	3.19	25.0	4.25	31.7	5.94	35.0	6.88	36.6	7.27	37.8	7.35	39.0	7.44
	29	20.1	3.39	25.0	4.53	31.7	6.35	35.0	7.35	36.0	7.56	37.2	7.65	38.4	7.74
	31	20.1	3.61	25.0	4.83	31.7	6.77	34.9	7.81	35.5	7.86	36.7	7.95	37.9	8.05
	33	20.1	3.83	25.0	5.14	31.7	7.22	34.3	8.10	34.9	8.15	36.2	8.26	37.3	8.36
	35	20.1	4.07	25.0	5.47	31.7	7.70	33.8	8.39	34.4	8.45	35.6	8.56	36.8	8.67
	37	20.1	4.32	25.0	5.82	31.7	8.20	33.2	8.69	33.8	8.75	35.1	8.87	36.2	8.98
	39	20.1	4.58	25.0	6.18	31.7	8.74	32.7	8.99	33.3	9.05	34.5	9.17	35.7	9.29
120% (360)	10	18.5	2.35	23.1	2.95	29.3	3.83	32.3	4.29	35.3	4.76	41.3	5.71	42.9	5.58
	12	18.5	2.38	23.1	3.00	29.3	3.90	32.3	4.37	35.3	4.85	41.2	5.79	42.3	5.55
	14	18.5	2.42	23.1	3.05	29.3	3.98	32.3	4.45	35.3	4.94	40.7	5.76	41.8	5.52
	16	18.5	2.46	23.1	3.11	29.3	4.05	32.3	4.54	35.3	5.04	40.1	5.73	41.2	5.75
	18	18.5	2.51	23.1	3.17	29.3	4.13	32.3	4.63	35.3	5.14	39.6	5.99	40.7	6.05
	20	18.5	2.55	23.1	3.23	29.3	4.22	32.3	4.81	35.3	5.49	39.1	6.28	40.1	6.34
	21	18.5	2.58	23.1	3.26	29.3	4.33	32.3	4.98	35.3	5.68	38.8	6.43	39.9	6.49
	23	18.5	2.62	23.1	3.36	29.3	4.63	32.3	5.34	35.3	6.09	38.2	6.72	39.3	6.79
	25	18.5	2.72	23.1	3.59	29.3	4.96	32.3	5.71	35.3	6.53	37.7	7.01	38.8	7.09
	27	18.5	2.89	23.1	3.82	29.3	5.29	32.3	6.11	35.3	6.98	37.1	7.31	38.2	7.39
	29	18.5	3.07	23.1	4.07	29.3	5.65	32.3	6.52	35.3	7.46	36.6	7.60	37.7	7.69
	31	18.5	3.27	23.1	4.33	29.3	6.03	32.3	6.96	34.9	7.81	36.1	7.90	37.1	7.99
	33	18.5	3.47	23.1	4.61	29.3	6.42	32.3	7.42	34.4	8.10	35.5	8.20	36.6	8.29
	35	18.5	3.68	23.1	4.90	29.3	6.84	32.3	7.92	33.8	8.40	35.0	8.50	36.1	8.60
	37	18.5	3.90	23.1	5.21	29.3	7.28	32.3	8.44	33.3	8.70	34.4	8.80	35.5	8.91
	39	18.5	4.13	23.1	5.53	29.3	7.75	32.2	8.94	32.8	8.99	33.9	9.11	35.0	9.22
110% (330)	10	17.0	2.15	21.2	2.69	26.8	3.48	29.6	3.88	32.4	4.30	37.9	5.16	42.1	5.74
	12	17.0	2.19	21.2	2.73	26.8	3.54	29.6	3.96	32.4	4.38	37.9	5.26	41.6	5.71
	14	17.0	2.22	21.2	2.78	26.8	3.60	29.6	4.03	32.4	4.47	37.9	5.36	41.0	5.68
	16	17.0	2.26	21.2	2.83	26.8	3.67	29.6	4.11	32.4	4.56	37.9	5.47	40.5	5.72
	18	17.0	2.30	21.2	2.88	26.8	3.74	29.6	4.19	32.4	4.65	37.9	5.67	39.9	6.01
	20	17.0	2.34	21.2	2.94	26.8	3.82	29.6	4.27	32.4	4.83	37.9	6.09	39.4	6.30
	21	17.0	2.36	21.2	2.97	26.8	3.86	29.6	4.40	32.4	5.00	37.9	6.31	39.1	6.45
	23	17.0	2.40	21.2	3.02	26.8	4.11	29.6	4.71	32.4	5.36	37.6	6.68	38.6	6.74
	25	17.0	2.45	21.2	3.21	26.8	4.39	29.6	5.04	32.4	5.74	37.0	6.97	38.0	7.04
	27	17.0	2.61	21.2	3.41	26.8	4.68	29.6	5.38	32.4	6.13	36.5	7.26	37.5	7.33
	29	17.0	2.77	21.2	3.63	26.8	4.99	29.6	5.74	32.4	6.55	36.0	7.55	37.0	7.63
	31	17.0	2.94	21.2	3.86	26.8	5.32	29.6	6.13	32.4	6.99	35.4	7.85	36.4	7.93
	33	17.0	3.12	21.2	4.11	26.8	5.67	29.6	6.53	32.4	7.46	34.9	8.15	35.9	8.23
	35	17.0	3.30	21.2	4.36	26.8	6.03	29.6	6.96	32.4	7.95	34.3	8.44	35.3	8.53
	37	17.0	3.50	21.2	4.63	26.8	6.42	29.6	7.41	32.4	8.47	33.8	8.74	34.8	8.84
	39	17.0	3.71	21.2	4.92	26.8	6.83	29.6	7.89	32.2	8.94	33.2	9.04	34.2	9.14
100% (300)	10	15.4	1.97	19.2	2.44	24.4	3.13	26.9	3.49	29.4	3.86	34.4	4.62	39.3	5.38
	12	15.4	2.00	19.2	2.48	24.4	3.18	26.9	3.55	29.4	3.93	34.4	4.71	39.3	5.48
	14	15.4	2.03	19.2	2.52	24.4	3.24	26.9	3.62	29.4	4.01	34.4	4.80	39.3	5.59
	16	15.4	2.06	19.2	2.56	24.4	3.30	26.9	3.69	29.4	4.08	34.4	4.89	39.3	5.70
	18	15.4	2.09	19.2	2.61	24.4	3.36	26.9	3.76	29.4	4.16	34.4	4.99	39.2	5.97
	20	15.4	2.13	19.2	2.66	24.4	3.43	26.9	3.83	29.4	4.25	34.4	5.29	38.7	6.26
	21	15.4	2.15	19.2	2.68	24.4	3.46	26.9	3.87	29.4	4.37	34.4	5.48	38.4	6.40
	23	15.4	2.18	19.2	2.73	24.4	3.61	26.9	4.12	29.4	4.68	34.4	5.87	37.9	6.69
	25	15.4	2.22	19.2	2.85	24.4	3.85	26.9	4.41	29.4	5.00	34.4	6.29	37.3	6.99
	27	15.4	2.34	19.2	3.03	24.4	4.11	26.9	4.70	29.4	5.34	34.4	6.72	36.8	7.28
	29	15.4	2.48	19.2	3.22	24.4	4.38	26.9	5.02	29.4	5.70	34.4	7.18	36.2	7.57
	31	15.4	2.63	19.2	3.42	24.4	4.66	26.9	5.35	29.4	6.08	34.4	7.67	35.7	7.87
	33	15.4	2.79	19.2	3.64	24.4	4.96	26.9	5.69	29.4	6.48	34.2	8.09	35.1	8.17
	35	15.4	2.95	19.2	3.86	24.4	5.28	26.9	6.07	29.4	6.90	33.7	8.38	34.6	8.47
	37	15.4	3.13	19.2	4.09	24.4	5.61	26.9	6.45	29.4	7.35	33.1	8.68	34.0	8.77
	39	15.4	3.31	19.2	4.34	24.4	5.97	26.9	6.86	29.4	7.83	32.6	8.98	33.5	9.07
90% (270)	10	13.9	1.79	17.3	2.20	21.9	2.79	24.2	3.11	26.5	3.43	31.0	4.10	35.4	4.76
	12	13.9	1.81	17.3	2.23	21.9	2.84	24.2	3.16	26.5	3.49	31.0	4.17	35.4	4.85
	14	13.9	1.84	17.3	2.27	21.9	2.89	24.2	3.22	26.5	3.56	31.0	4.25	35.4	4.95
	16	13.9	1.87	17.3	2.30	21.9	2.94	24.2	3.28	26.5	3.62	31.0	4.33	35.4	5.04
	18	13.9	1.90	17.3	2.34	21.9	3.00	24.2	3.34	26.5	3.69	31.0	4.42	35.4	5.14
	20	13.9	1.93	17.3	2.38	21.9	3.05	24.2	3.40	26.5	3.77	31.0	4.54	35.4	5.49
	21	13.9	1.94	17.3	2.40	21.9	3.08	24.2	3.44	26.5	3.80	31.0	4.70	35.4	5.69
	23	13.9	1.98	17.3	2.45	21.9	3.15	24.2	3.58	26.5	4.04	31.0	5.03	35.4	6.10
	25	13.9	2.01	17.3	2.51	21.9	3.36	24.2	3.82	26.5	4.31	31.0	5.39	35.4	6.53
	27	13.9	2.09	17.3	2.67	21.9	3.58	24.2	4.07	26.5	4.60	31.0	5.76	35.4	6.99
	29	13.9	2.21	17.3	2.84	21.9	3.81	24.2	4.34	26.5	4.91	31.0	6.15	35.4	7.47
	31	13.9	2.34	17.3	3.01	21.9	4.05	24.2	4.62	26.5	5.23	31.0	6.56	34.9	7.81
	33	13.9	2.48	17.3	3.19	21.9	4.31	24.2	4.92	26.5	5.57	31.0	6.99	34.4	8.10
	35	13.9	2.62	17.3	3.38	21.9	4.58	24.2	5.23	26.5	5.93	31.0	7.45	33.8	8.40
	37	13.9	2.77	17.3	3.59	21.9	4.86	24.2	5.56	26.5	6.31	31.0	7.94	33.3	8.70
	39	13.9	2.93	17.3	3.80	21.9	5.16	24.2	5.91	26.5	6.71	31.0	8.45	32.8	8.99

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (240)	10	12.3	1.62	15.4	1.96	19.5	2.47	21.5	2.74	23.6	3.01	27.6	3.58	31.4	4.16
	12	12.3	1.64	15.4	1.99	19.5	2.51	21.5	2.78	23.6	3.07	27.6	3.65	31.4	4.24
	14	12.3	1.66	15.4	2.02	19.5	2.56	21.5	2.83	23.6	3.12	27.6	3.72	31.4	4.32
	16	12.3	1.69	15.4	2.06	19.5	2.60	21.5	2.88	23.6	3.18	27.6	3.79	31.4	4.40
	18	12.3	1.71	15.4	2.09	19.5	2.65	21.5	2.94	23.6	3.24	27.6	3.86	31.4	4.49
	20	12.3	1.74	15.4	2.12	19.5	2.69	21.5	2.99	23.6	3.30	27.6	3.94	31.4	4.63
	21	12.3	1.75	15.4	2.14	19.5	2.72	21.5	3.02	23.6	3.33	27.6	3.98	31.4	4.79
	23	12.3	1.78	15.4	2.18	19.5	2.77	21.5	3.08	23.6	3.45	27.6	4.26	31.4	5.13
	25	12.3	1.80	15.4	2.22	19.5	2.90	21.5	3.28	23.6	3.68	27.6	4.56	31.4	5.49
	27	12.3	1.85	15.4	2.33	19.5	3.08	21.5	3.49	23.6	3.93	27.6	4.86	31.4	5.87
	29	12.3	1.96	15.4	2.48	19.5	3.28	21.5	3.71	23.6	4.18	27.6	5.19	31.4	6.27
	31	12.3	2.07	15.4	2.63	19.5	3.48	21.5	3.95	23.6	4.45	27.6	5.53	31.4	6.69
	33	12.3	2.19	15.4	2.78	19.5	3.70	21.5	4.20	23.6	4.73	27.6	5.89	31.4	7.13
	35	12.3	2.31	15.4	2.94	19.5	3.93	21.5	4.46	23.6	5.03	27.6	6.27	31.4	7.60
	37	12.3	2.44	15.4	3.12	19.5	4.16	21.5	4.74	23.6	5.35	27.6	6.68	31.4	8.10
	39	12.3	2.58	15.4	3.30	19.5	4.42	21.5	5.03	23.6	5.68	27.6	7.10	31.4	8.63
70% (210)	10	10.8	1.45	13.5	1.74	17.1	2.16	18.8	2.39	20.6	2.62	24.1	3.09	27.5	3.57
	12	10.8	1.47	13.5	1.77	17.1	2.20	18.8	2.42	20.6	2.66	24.1	3.15	27.5	3.64
	14	10.8	1.49	13.5	1.79	17.1	2.23	18.8	2.47	20.6	2.71	24.1	3.20	27.5	3.71
	16	10.8	1.51	13.5	1.82	17.1	2.27	18.8	2.51	20.6	2.75	24.1	3.26	27.5	3.78
	18	10.8	1.53	13.5	1.85	17.1	2.31	18.8	2.55	20.6	2.80	24.1	3.32	27.5	3.85
	20	10.8	1.55	13.5	1.88	17.1	2.35	18.8	2.60	20.6	2.86	24.1	3.39	27.5	3.93
	21	10.8	1.56	13.5	1.89	17.1	2.37	18.8	2.62	20.6	2.88	24.1	3.42	27.5	3.97
	23	10.8	1.59	13.5	1.92	17.1	2.41	18.8	2.67	20.6	2.94	24.1	3.56	27.5	4.25
	25	10.8	1.61	13.5	1.95	17.1	2.47	18.8	2.78	20.6	3.10	24.1	3.80	27.5	4.54
	27	10.8	1.63	13.5	2.02	17.1	2.63	18.8	2.95	20.6	3.30	24.1	4.05	27.5	4.85
	29	10.8	1.72	13.5	2.14	17.1	2.79	18.8	3.14	20.6	3.51	24.1	4.32	27.5	5.17
	31	10.8	1.82	13.5	2.27	17.1	2.96	18.8	3.33	20.6	3.73	24.1	4.60	27.5	5.51
	33	10.8	1.92	13.5	2.40	17.1	3.14	18.8	3.54	20.6	3.97	24.1	4.89	27.5	5.87
	35	10.8	2.02	13.5	2.54	17.1	3.33	18.8	3.76	20.6	4.21	24.1	5.20	27.5	6.25
	37	10.8	2.13	13.5	2.68	17.1	3.52	18.8	3.98	20.6	4.47	24.1	5.53	27.5	6.66
	39	10.8	2.25	13.5	2.83	17.1	3.73	18.8	4.22	20.6	4.75	24.1	5.87	27.5	7.08
60% (180)	10	9.26	1.30	11.5	1.53	14.6	1.87	16.1	2.05	17.7	2.24	20.7	2.62	23.6	3.02
	12	9.26	1.31	11.5	1.55	14.6	1.90	16.1	2.08	17.7	2.27	20.7	2.67	23.6	3.07
	14	9.26	1.33	11.5	1.57	14.6	1.93	16.1	2.12	17.7	2.31	20.7	2.71	23.6	3.12
	16	9.26	1.34	11.5	1.59	14.6	1.96	16.1	2.15	17.7	2.35	20.7	2.76	23.6	3.18
	18	9.26	1.36	11.5	1.62	14.6	1.99	16.1	2.19	17.7	2.39	20.7	2.81	23.6	3.24
	20	9.26	1.38	11.5	1.64	14.6	2.02	16.1	2.22	17.7	2.43	20.7	2.86	23.6	3.30
	21	9.26	1.39	11.5	1.65	14.6	2.04	16.1	2.24	17.7	2.45	20.7	2.89	23.6	3.34
	23	9.26	1.41	11.5	1.68	14.6	2.07	16.1	2.28	17.7	2.50	20.7	2.95	23.6	3.45
	25	9.26	1.42	11.5	1.70	14.6	2.11	16.1	2.32	17.7	2.57	20.7	3.11	23.6	3.69
	27	9.26	1.45	11.5	1.73	14.6	2.21	16.1	2.46	17.7	2.73	20.7	3.31	23.6	3.93
	29	9.26	1.50	11.5	1.83	14.6	2.34	16.1	2.61	17.7	2.90	20.7	3.53	23.6	4.19
	31	9.26	1.58	11.5	1.94	14.6	2.48	16.1	2.77	17.7	3.08	20.7	3.75	23.6	4.46
	33	9.26	1.67	11.5	2.05	14.6	2.63	16.1	2.94	17.7	3.27	20.7	3.98	23.6	4.74
	35	9.26	1.76	11.5	2.16	14.6	2.78	16.1	3.11	17.7	3.47	20.7	4.23	23.6	5.04
	37	9.26	1.85	11.5	2.28	14.6	2.94	16.1	3.30	17.7	3.68	20.7	4.49	23.6	5.36
	39	9.26	1.95	11.5	2.40	14.6	3.11	16.1	3.49	17.7	3.89	20.7	4.76	23.6	5.69
50% (150)	10	7.71	1.15	9.62	1.33	12.2	1.60	13.5	1.74	14.7	1.88	17.2	2.18	19.6	2.49
	12	7.71	1.16	9.62	1.35	12.2	1.62	13.5	1.76	14.7	1.91	17.2	2.22	19.6	2.53
	14	7.71	1.17	9.62	1.37	12.2	1.64	13.5	1.79	14.7	1.94	17.2	2.25	19.6	2.57
	16	7.71	1.19	9.62	1.38	12.2	1.67	13.5	1.82	14.7	1.97	17.2	2.29	19.6	2.62
	18	7.71	1.20	9.62	1.40	12.2	1.69	13.5	1.84	14.7	2.00	17.2	2.33	19.6	2.67
	20	7.71	1.21	9.62	1.42	12.2	1.72	13.5	1.87	14.7	2.04	17.2	2.37	19.6	2.71
	21	7.71	1.22	9.62	1.43	12.2	1.73	13.5	1.89	14.7	2.05	17.2	2.39	19.6	2.74
	23	7.71	1.24	9.62	1.45	12.2	1.76	13.5	1.92	14.7	2.09	17.2	2.44	19.6	2.79
	25	7.71	1.25	9.62	1.47	12.2	1.79	13.5	1.95	14.7	2.12	17.2	2.50	19.6	2.92
	27	7.71	1.27	9.62	1.49	12.2	1.83	13.5	2.02	14.7	2.22	17.2	2.65	19.6	3.11
	29	7.71	1.30	9.62	1.55	12.2	1.93	13.5	2.14	14.7	2.36	17.2	2.82	19.6	3.31
	31	7.71	1.37	9.62	1.64	12.2	2.05	13.5	2.27	14.7	2.50	17.2	2.99	19.6	3.51
	33	7.71	1.44	9.62	1.73	12.2	2.16	13.5	2.40	14.7	2.64	17.2	3.17	19.6	3.73
	35	7.71	1.51	9.62	1.82	12.2	2.28	13.5	2.53	14.7	2.80	17.2	3.36	19.6	3.96
	37	7.71	1.59	9.62	1.91	12.2	2.41	13.5	2.68	14.7	2.96	17.2	3.56	19.6	4.20
	39	7.71	1.67	9.62	2.01	12.2	2.54	13.5	2.83	14.7	3.13	17.2	3.77	19.6	4.46

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ12TY1 Cooling capacity (Capacity correction factor: 0.85) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (390)	10	18.9	2.40	23.6	3.02	29.9	3.93	33.0	4.40	36.1	4.89	42.0	5.78	43.1	5.53
	12	18.9	2.44	23.6	3.08	29.9	4.01	33.0	4.49	36.1	4.98	41.4	5.75	42.5	5.50
	14	18.9	2.48	23.6	3.13	29.9	4.08	33.0	4.57	36.1	5.07	40.9	5.72	42.0	5.47
	16	18.9	2.52	23.6	3.19	29.9	4.16	33.0	4.66	36.1	5.17	40.3	5.71	41.4	5.76
	18	18.9	2.57	23.6	3.25	29.9	4.24	33.0	4.75	36.1	5.28	39.8	6.00	40.9	6.06
	20	18.9	2.61	23.6	3.31	29.9	4.33	33.0	4.97	36.1	5.68	39.2	6.29	40.3	6.36
	21	18.9	2.64	23.6	3.34	29.9	4.47	33.0	5.15	36.1	5.88	39.0	6.44	40.1	6.50
	23	18.9	2.69	23.6	3.46	29.9	4.79	33.0	5.52	36.1	6.31	38.4	6.73	39.5	6.80
	25	18.9	2.79	23.6	3.70	29.9	5.12	33.0	5.91	36.1	6.75	37.9	7.02	39.0	7.10
	27	18.9	2.97	23.6	3.94	29.9	5.47	33.0	6.32	36.1	7.23	37.3	7.32	38.4	7.40
	29	18.9	3.16	23.6	4.20	29.9	5.84	33.0	6.75	35.6	7.53	36.8	7.62	37.9	7.70
	31	18.9	3.36	23.6	4.47	29.9	6.23	33.0	7.20	35.1	7.82	36.2	7.92	37.3	8.01
	33	18.9	3.57	23.6	4.75	29.9	6.64	33.0	7.68	34.5	8.12	35.7	8.22	36.8	8.31
	35	18.9	3.78	23.6	5.05	29.9	7.07	33.0	8.19	34.0	8.41	35.1	8.52	36.3	8.62
	37	18.9	4.01	23.6	5.37	29.9	7.53	32.9	8.65	33.4	8.71	34.6	8.82	35.7	8.93
	39	18.9	4.25	23.6	5.71	29.9	8.02	32.3	8.95	32.9	9.01	34.1	9.13	35.2	9.24
120% (360)	10	17.5	2.22	21.8	2.77	27.6	3.59	30.5	4.02	33.4	4.45	39.0	5.34	42.4	5.69
	12	17.5	2.25	21.8	2.82	27.6	3.66	30.5	4.09	33.4	4.54	39.0	5.45	41.8	5.66
	14	17.5	2.29	21.8	2.87	27.6	3.73	30.5	4.17	33.4	4.63	39.0	5.55	41.3	5.63
	16	17.5	2.33	21.8	2.92	27.6	3.80	30.5	4.25	33.4	4.72	39.0	5.66	40.7	5.73
	18	17.5	2.37	21.8	2.98	27.6	3.87	30.5	4.33	33.4	4.81	39.0	5.93	40.2	6.02
	20	17.5	2.41	21.8	3.03	27.6	3.95	30.5	4.43	33.4	5.04	38.6	6.25	39.6	6.31
	21	17.5	2.43	21.8	3.06	27.6	4.00	30.5	4.59	33.4	5.22	38.4	6.40	39.4	6.46
	23	17.5	2.47	21.8	3.12	27.6	4.28	30.5	4.92	33.4	5.60	37.8	6.69	38.8	6.76
	25	17.5	2.54	21.8	3.33	27.6	4.57	30.5	5.26	33.4	5.99	37.3	6.98	38.3	7.05
	27	17.5	2.70	21.8	3.55	27.6	4.88	30.5	5.62	33.4	6.41	36.7	7.28	37.7	7.35
	29	17.5	2.87	21.8	3.78	27.6	5.21	30.5	6.00	33.4	6.85	36.2	7.57	37.2	7.65
	31	17.5	3.05	21.8	4.02	27.6	5.55	30.5	6.40	33.4	7.31	35.6	7.87	36.7	7.95
	33	17.5	3.23	21.8	4.27	27.6	5.91	30.5	6.82	33.4	7.80	35.1	8.16	36.1	8.25
	35	17.5	3.43	21.8	4.54	27.6	6.30	30.5	7.27	33.4	8.32	34.5	8.46	35.6	8.56
	37	17.5	3.63	21.8	4.82	27.6	6.70	30.5	7.74	32.9	8.66	34.0	8.76	35.0	8.86
	39	17.5	3.85	21.8	5.12	27.6	7.13	30.5	8.25	32.4	8.96	33.4	9.06	34.5	9.17
110% (330)	10	16.0	2.04	20.0	2.53	25.3	3.26	28.0	3.64	30.6	4.03	35.8	4.83	40.8	5.63
	12	16.0	2.07	20.0	2.58	25.3	3.32	28.0	3.71	30.6	4.11	35.8	4.92	40.8	5.73
	14	16.0	2.10	20.0	2.62	25.3	3.38	28.0	3.78	30.6	4.18	35.8	5.02	40.6	5.78
	16	16.0	2.14	20.0	2.67	25.3	3.44	28.0	3.85	30.6	4.27	35.8	5.12	40.0	5.76
	18	16.0	2.17	20.0	2.71	25.3	3.51	28.0	3.92	30.6	4.35	35.8	5.22	39.5	5.98
	20	16.0	2.21	20.0	2.76	25.3	3.58	28.0	4.00	30.6	4.45	35.8	5.59	39.0	6.27
	21	16.0	2.23	20.0	2.79	25.3	3.61	28.0	4.06	30.6	4.61	35.8	5.80	38.7	6.42
	23	16.0	2.27	20.0	2.84	25.3	3.80	28.0	4.35	30.6	4.94	35.8	6.21	38.1	6.71
	25	16.0	2.31	20.0	2.98	25.3	4.06	28.0	4.65	30.6	5.28	35.8	6.65	37.6	7.01
	27	16.0	2.44	20.0	3.18	25.3	4.33	28.0	4.96	30.6	5.64	35.8	7.12	37.0	7.30
	29	16.0	2.59	20.0	3.38	25.3	4.61	28.0	5.29	30.6	6.02	35.6	7.52	36.5	7.60
	31	16.0	2.75	20.0	3.59	25.3	4.92	28.0	5.64	30.6	6.43	35.0	7.82	36.0	7.89
	33	16.0	2.91	20.0	3.81	25.3	5.23	28.0	6.01	30.6	6.85	34.5	8.11	35.4	8.19
	35	16.0	3.09	20.0	4.05	25.3	5.57	28.0	6.40	30.6	7.30	33.9	8.41	34.9	8.49
	37	16.0	3.27	20.0	4.30	25.3	5.92	28.0	6.82	30.6	7.78	33.4	8.70	34.3	8.79
	39	16.0	3.46	20.0	4.56	25.3	6.29	28.0	7.25	30.6	8.28	32.8	9.00	33.8	9.10
100% (300)	10	14.6	1.87	18.2	2.30	23.0	2.94	25.4	3.27	27.8	3.62	32.5	4.33	37.1	5.04
	12	14.6	1.89	18.2	2.34	23.0	2.99	25.4	3.33	27.8	3.68	32.5	4.41	37.1	5.13
	14	14.6	1.92	18.2	2.38	23.0	3.05	25.4	3.39	27.8	3.75	32.5	4.49	37.1	5.23
	16	14.6	1.95	18.2	2.42	23.0	3.10	25.4	3.46	27.8	3.83	32.5	4.58	37.1	5.33
	18	14.6	1.98	18.2	2.46	23.0	3.16	25.4	3.52	27.8	3.90	32.5	4.67	37.1	5.49
	20	14.6	2.02	18.2	2.50	23.0	3.22	25.4	3.59	27.8	3.98	32.5	4.86	37.1	5.90
	21	14.6	2.03	18.2	2.53	23.0	3.25	25.4	3.63	27.8	4.03	32.5	5.04	37.1	6.12
	23	14.6	2.07	18.2	2.57	23.0	3.35	25.4	3.82	27.8	4.32	32.5	5.40	37.1	6.56
	25	14.6	2.10	18.2	2.66	23.0	3.57	25.4	4.08	27.8	4.61	32.5	5.78	36.9	6.96
	27	14.6	2.20	18.2	2.83	23.0	3.81	25.4	4.35	27.8	4.92	32.5	6.18	36.4	7.25
	29	14.6	2.33	18.2	3.00	23.0	4.06	25.4	4.64	27.8	5.25	32.5	6.60	35.8	7.54
	31	14.6	2.47	18.2	3.19	23.0	4.32	25.4	4.94	27.8	5.60	32.5	7.04	35.3	7.84
	33	14.6	2.62	18.2	3.39	23.0	4.59	25.4	5.26	27.8	5.97	32.5	7.51	34.7	8.13
	35	14.6	2.77	18.2	3.59	23.0	4.88	25.4	5.60	27.8	6.35	32.5	8.01	34.2	8.43
	37	14.6	2.93	18.2	3.81	23.0	5.19	25.4	5.95	27.8	6.76	32.5	8.53	33.6	8.73
	39	14.6	3.09	18.2	4.03	23.0	5.51	25.4	6.32	27.8	7.20	32.2	8.94	33.1	9.03
90% (270)	10	13.1	1.70	16.4	2.08	20.7	2.63	22.9	2.92	25.0	3.22	29.3	3.84	33.4	4.46
	12	13.1	1.73	16.4	2.11	20.7	2.68	22.9	2.97	25.0	3.28	29.3	3.91	33.4	4.54
	14	13.1	1.75	16.4	2.14	20.7	2.72	22.9	3.02	25.0	3.34	29.3	3.98	33.4	4.63
	16	13.1	1.78	16.4	2.18	20.7	2.77	22.9	3.08	25.0	3.40	29.3	4.06	33.4	4.72
	18	13.1	1.80	16.4	2.21	20.7	2.82	22.9	3.14	25.0	3.46	29.3	4.14	33.4	4.81
	20	13.1	1.83	16.4	2.25	20.7	2.87	22.9	3.20	25.0	3.53	29.3	4.22	33.4	5.05
	21	13.1	1.85	16.4	2.27	20.7	2.90	22.9	3.23	25.0	3.57	29.3	4.33	33.4	5.23
	23	13.1	1.88	16.4	2.31	20.7	2.96	22.9	3.32	25.0	3.74	29.3	4.64	33.4	5.61
	25	13.1	1.91	16.4	2.35	20.7	3.12	22.9	3.54	25.0	3.99	29.3	4.96	33.4	6.00
	27	13.1	1.97	16.4	2.50	20.7	3.33	22.9	3.78	25.0	4.26	29.3	5.30	33.4	6.42
	29	13.1	2.08	16.4	2.65	20.7	3.54	22.9	4.02	25.0	4.54	29.3	5.66	33.4	6.86
	31	13.1	2.21	16.4	2.81	20.7	3.76	22.9	4.28	25.0	4.83	29.3	6.03	33.4	7.32
	33	13.1	2.33	16.4	2.98	20.7	4.00	22.9	4.55	25.0	5.14	29.3	6.43	33.4	7.81
	35	13.1	2.47	16.4	3.16	20.7	4.24	22.9	4.84	25.0	5.47	29.3	6.85	33.4	8.33
	37	13.1	2.60	16.4	3.35	20.7	4.51	22.9	5.14	25.0	5.82	29.3	7.29	32.9	8.66
	39	13.1	2.75	16.4	3.54	20.7	4.78	22.9	5.46	25.0	6.19	29.3	7.76	32.4	8.96

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (240)	10	11.7	1.54	14.5	1.86	18.4	2.33	20.3	2.58	22.2	2.83	26.0	3.36	29.7	3.90
	12	11.7	1.56	14.5	1.89	18.4	2.37	20.3	2.62	22.2	2.88	26.0	3.42	29.7	3.97
	14	11.7	1.59	14.5	1.92	18.4	2.41	20.3	2.67	22.2	2.93	26.0	3.49	29.7	4.04
	16	11.7	1.61	14.5	1.95	18.4	2.45	20.3	2.71	22.2	2.99	26.0	3.55	29.7	4.12
	18	11.7	1.63	14.5	1.98	18.4	2.49	20.3	2.76	22.2	3.04	26.0	3.62	29.7	4.20
	20	11.7	1.65	14.5	2.01	18.4	2.54	20.3	2.81	22.2	3.10	26.0	3.69	29.7	4.29
	21	11.7	1.67	14.5	2.03	18.4	2.56	20.3	2.84	22.2	3.13	26.0	3.73	29.7	4.42
	23	11.7	1.69	14.5	2.06	18.4	2.61	20.3	2.89	22.2	3.20	26.0	3.94	29.7	4.73
	25	11.7	1.72	14.5	2.10	18.4	2.70	20.3	3.05	22.2	3.42	26.0	4.21	29.7	5.06
	27	11.7	1.75	14.5	2.19	18.4	2.87	20.3	3.25	22.2	3.64	26.0	4.49	29.7	5.40
	29	11.7	1.85	14.5	2.32	18.4	3.06	20.3	3.45	22.2	3.88	26.0	4.79	29.7	5.77
	31	11.7	1.96	14.5	2.46	18.4	3.24	20.3	3.67	22.2	4.12	26.0	5.10	29.7	6.15
	33	11.7	2.07	14.5	2.61	18.4	3.44	20.3	3.90	22.2	4.39	26.0	5.44	29.7	6.56
	35	11.7	2.18	14.5	2.76	18.4	3.65	20.3	4.14	22.2	4.66	26.0	5.78	29.7	6.99
	37	11.7	2.30	14.5	2.92	18.4	3.87	20.3	4.39	22.2	4.95	26.0	6.15	29.7	7.44
	39	11.7	2.43	14.5	3.09	18.4	4.10	20.3	4.66	22.2	5.26	26.0	6.54	29.7	7.92
70% (210)	10	10.2	1.39	12.7	1.66	16.1	2.05	17.8	2.25	19.5	2.47	22.8	2.91	26.0	3.35
	12	10.2	1.41	12.7	1.68	16.1	2.08	17.8	2.29	19.5	2.51	22.8	2.96	26.0	3.41
	14	10.2	1.43	12.7	1.70	16.1	2.11	17.8	2.33	19.5	2.55	22.8	3.01	26.0	3.48
	16	10.2	1.44	12.7	1.73	16.1	2.15	17.8	2.37	19.5	2.59	22.8	3.06	26.0	3.54
	18	10.2	1.46	12.7	1.76	16.1	2.18	17.8	2.41	19.5	2.64	22.8	3.12	26.0	3.61
	20	10.2	1.48	12.7	1.78	16.1	2.22	17.8	2.45	19.5	2.69	22.8	3.18	26.0	3.68
	21	10.2	1.49	12.7	1.80	16.1	2.24	17.8	2.47	19.5	2.71	22.8	3.21	26.0	3.72
	23	10.2	1.51	12.7	1.82	16.1	2.28	17.8	2.52	19.5	2.76	22.8	3.30	26.0	3.93
	25	10.2	1.54	12.7	1.85	16.1	2.32	17.8	2.59	19.5	2.89	22.8	3.52	26.0	4.20
	27	10.2	1.56	12.7	1.91	16.1	2.46	17.8	2.76	19.5	3.07	22.8	3.76	26.0	4.48
	29	10.2	1.63	12.7	2.02	16.1	2.61	17.8	2.93	19.5	3.27	22.8	4.00	26.0	4.78
	31	10.2	1.73	12.7	2.14	16.1	2.77	17.8	3.11	19.5	3.47	22.8	4.26	26.0	5.09
	33	10.2	1.82	12.7	2.26	16.1	2.93	17.8	3.30	19.5	3.69	22.8	4.53	26.0	5.42
	35	10.2	1.92	12.7	2.39	16.1	3.11	17.8	3.50	19.5	3.91	22.8	4.81	26.0	5.77
	37	10.2	2.02	12.7	2.52	16.1	3.29	17.8	3.71	19.5	4.15	22.8	5.11	26.0	6.13
	39	10.2	2.13	12.7	2.66	16.1	3.48	17.8	3.93	19.5	4.40	22.8	5.43	26.0	6.52
60% (180)	10	8.74	1.25	10.9	1.46	13.8	1.78	15.2	1.95	16.7	2.12	19.5	2.47	22.3	2.84
	12	8.74	1.26	10.9	1.48	13.8	1.81	15.2	1.98	16.7	2.15	19.5	2.51	22.3	2.89
	14	8.74	1.28	10.9	1.50	13.8	1.83	15.2	2.01	16.7	2.19	19.5	2.56	22.3	2.94
	16	8.74	1.29	10.9	1.52	13.8	1.86	15.2	2.04	16.7	2.22	19.5	2.60	22.3	2.99
	18	8.74	1.31	10.9	1.54	13.8	1.89	15.2	2.07	16.7	2.26	19.5	2.65	22.3	3.05
	20	8.74	1.32	10.9	1.56	13.8	1.92	15.2	2.10	16.7	2.30	19.5	2.70	22.3	3.10
	21	8.74	1.33	10.9	1.58	13.8	1.93	15.2	2.12	16.7	2.32	19.5	2.72	22.3	3.13
	23	8.74	1.35	10.9	1.60	13.8	1.97	15.2	2.16	16.7	2.36	19.5	2.77	22.3	3.21
	25	8.74	1.37	10.9	1.62	13.8	2.00	15.2	2.20	16.7	2.41	19.5	2.90	22.3	3.42
	27	8.74	1.38	10.9	1.65	13.8	2.08	15.2	2.31	16.7	2.56	19.5	3.09	22.3	3.65
	29	8.74	1.43	10.9	1.74	13.8	2.20	15.2	2.45	16.7	2.72	19.5	3.28	22.3	3.88
	31	8.74	1.51	10.9	1.83	13.8	2.33	15.2	2.60	16.7	2.88	19.5	3.49	22.3	4.13
	33	8.74	1.59	10.9	1.94	13.8	2.47	15.2	2.75	16.7	3.05	19.5	3.70	22.3	4.39
	35	8.74	1.67	10.9	2.04	13.8	2.61	15.2	2.91	16.7	3.24	19.5	3.93	22.3	4.67
	37	8.74	1.76	10.9	2.15	13.8	2.76	15.2	3.08	16.7	3.43	19.5	4.17	22.3	4.96
	39	8.74	1.85	10.9	2.27	13.8	2.91	15.2	3.26	16.7	3.63	19.5	4.42	22.3	5.26
50% (150)	10	7.29	1.11	9.08	1.28	11.5	1.53	12.7	1.66	13.9	1.79	16.3	2.07	18.6	2.35
	12	7.29	1.12	9.08	1.30	11.5	1.55	12.7	1.68	13.9	1.82	16.3	2.10	18.6	2.39
	14	7.29	1.13	9.08	1.31	11.5	1.57	12.7	1.70	13.9	1.84	16.3	2.13	18.6	2.43
	16	7.29	1.15	9.08	1.33	11.5	1.59	12.7	1.73	13.9	1.87	16.3	2.17	18.6	2.47
	18	7.29	1.16	9.08	1.34	11.5	1.61	12.7	1.75	13.9	1.90	16.3	2.20	18.6	2.51
	20	7.29	1.17	9.08	1.36	11.5	1.64	12.7	1.78	13.9	1.93	16.3	2.24	18.6	2.56
	21	7.29	1.18	9.08	1.37	11.5	1.65	12.7	1.79	13.9	1.95	16.3	2.26	18.6	2.58
	23	7.29	1.19	9.08	1.39	11.5	1.67	12.7	1.82	13.9	1.98	16.3	2.30	18.6	2.63
	25	7.29	1.20	9.08	1.40	11.5	1.70	12.7	1.85	13.9	2.01	16.3	2.34	18.6	2.73
	27	7.29	1.22	9.08	1.42	11.5	1.73	12.7	1.91	13.9	2.09	16.3	2.48	18.6	2.90
	29	7.29	1.24	9.08	1.48	11.5	1.83	12.7	2.02	13.9	2.22	16.3	2.64	18.6	3.08
	31	7.29	1.31	9.08	1.56	11.5	1.93	12.7	2.13	13.9	2.35	16.3	2.80	18.6	3.27
	33	7.29	1.38	9.08	1.64	11.5	2.04	12.7	2.26	13.9	2.48	16.3	2.97	18.6	3.47
	35	7.29	1.44	9.08	1.73	11.5	2.16	12.7	2.38	13.9	2.63	16.3	3.14	18.6	3.69
	37	7.29	1.52	9.08	1.82	11.5	2.27	12.7	2.52	13.9	2.78	16.3	3.33	18.6	3.91
	39	7.29	1.59	9.08	1.91	11.5	2.40	12.7	2.66	13.9	2.93	16.3	3.52	18.6	4.14

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When only Residential indoor units or *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ14TY1 Cooling capacity (Capacity correction factor: 1.0) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (455)	10	26.6	3.37	33.2	4.30	42.0	5.63	46.4	6.31	50.1	6.85	51.8	6.50	53.3	6.15
	12	26.6	3.43	33.2	4.38	42.0	5.74	46.4	6.43	49.5	6.82	51.1	6.46	52.7	6.24
	14	26.6	3.49	33.2	4.46	42.0	5.85	46.4	6.56	48.8	6.79	50.5	6.51	52.0	6.59
	16	26.6	3.56	33.2	4.54	42.0	5.96	46.4	6.69	48.2	6.78	49.8	6.86	51.4	6.95
	18	26.6	3.62	33.2	4.63	42.0	6.08	46.4	7.00	47.5	7.13	49.2	7.22	50.7	7.30
	20	26.6	3.69	33.2	4.72	42.0	6.49	46.1	7.43	46.9	7.47	48.5	7.57	50.1	7.66
	21	26.6	3.73	33.2	4.79	42.0	6.72	45.8	7.60	46.6	7.65	48.2	7.75	49.7	7.84
	23	26.6	3.81	33.2	5.12	42.0	7.21	45.1	7.95	45.9	8.00	47.5	8.10	49.1	8.20
	25	26.6	4.07	33.2	5.48	42.0	7.72	44.5	8.29	45.3	8.35	46.9	8.46	48.4	8.57
	27	26.6	4.34	33.2	5.85	42.0	8.25	43.8	8.64	44.6	8.70	46.2	8.82	47.8	8.93
	29	26.6	4.62	33.2	6.24	42.0	8.82	43.2	8.99	44.0	9.05	45.6	9.18	47.1	9.30
	31	26.6	4.91	33.2	6.65	41.7	9.28	42.5	9.34	43.3	9.41	44.9	9.54	46.5	9.67
	33	26.6	5.22	33.2	7.08	41.0	9.63	41.8	9.70	42.7	9.77	44.3	9.90	45.8	10.0
	35	26.6	5.55	33.2	7.54	40.4	9.98	41.2	10.0	42.0	10.1	43.6	10.3	45.2	10.4
	37	26.6	5.90	33.2	8.03	39.7	10.3	40.5	10.4	41.4	10.5	43.0	10.6	44.5	10.8
	39	26.6	6.26	33.2	8.54	39.1	10.7	39.9	10.8	40.7	10.8	42.3	11.0	43.9	11.2
120% (420)	10	24.6	3.10	30.6	3.93	38.8	5.14	42.8	5.76	46.9	6.39	50.9	6.69	52.4	6.37
	12	24.6	3.15	30.6	4.00	38.8	5.23	42.8	5.86	46.9	6.51	50.3	6.65	51.7	6.33
	14	24.6	3.21	30.6	4.07	38.8	5.33	42.8	5.98	46.9	6.63	49.6	6.61	51.1	6.54
	16	24.6	3.27	30.6	4.15	38.8	5.44	42.8	6.09	46.9	6.76	49.0	6.82	50.4	6.90
	18	24.6	3.32	30.6	4.23	38.8	5.54	42.8	6.21	46.8	7.09	48.3	7.17	49.7	7.25
	20	24.6	3.39	30.6	4.31	38.8	5.77	42.8	6.67	46.2	7.43	47.7	7.52	49.1	7.60
	21	24.6	3.42	30.6	4.36	38.8	5.98	42.8	6.91	45.8	7.60	47.3	7.70	48.8	7.78
	23	24.6	3.48	30.6	4.59	38.8	6.40	42.8	7.41	45.2	7.95	46.7	8.05	48.1	8.14
	25	24.6	3.68	30.6	4.90	38.8	6.85	42.8	7.93	44.5	8.30	46.0	8.40	47.5	8.50
	27	24.6	3.91	30.6	5.23	38.8	7.33	42.8	8.49	43.9	8.65	45.4	8.76	46.8	8.86
	29	24.6	4.16	30.6	5.58	38.8	7.83	42.5	8.94	43.2	9.00	44.7	9.11	46.2	9.22
	31	24.6	4.43	30.6	5.94	38.8	8.35	41.8	9.29	42.6	9.35	44.1	9.47	45.5	9.59
	33	24.6	4.70	30.6	6.33	38.8	8.91	41.2	9.64	41.9	9.70	43.4	9.83	44.9	9.95
	35	24.6	4.99	30.6	6.73	38.8	9.50	40.5	9.99	41.3	10.1	42.8	10.2	44.2	10.3
	37	24.6	5.30	30.6	7.16	38.8	10.1	39.9	10.3	40.6	10.4	42.1	10.6	43.6	10.7
	39	24.6	5.63	30.6	7.61	38.5	10.6	39.2	10.7	40.0	10.8	41.5	10.9	42.9	11.1
110% (385)	10	22.5	2.84	28.1	3.57	35.6	4.65	39.3	5.20	43.0	5.77	50.1	6.87	51.4	6.59
	12	22.5	2.88	28.1	3.64	35.6	4.74	39.3	5.30	43.0	5.88	49.4	6.84	50.7	6.55
	14	22.5	2.93	28.1	3.70	35.6	4.83	39.3	5.40	43.0	6.00	48.8	6.81	50.1	6.51
	16	22.5	2.98	28.1	3.77	35.6	4.92	39.3	5.51	43.0	6.11	48.1	6.78	49.4	6.84
	18	22.5	3.04	28.1	3.84	35.6	5.01	39.3	5.62	43.0	6.24	47.5	7.12	48.8	7.20
	20	22.5	3.09	28.1	3.91	35.6	5.12	39.3	5.87	43.0	6.70	46.8	7.47	48.1	7.55
	21	22.5	3.12	28.1	3.95	35.6	5.28	39.3	6.08	43.0	6.94	46.5	7.64	47.8	7.72
	23	22.5	3.18	28.1	4.09	35.6	5.65	39.3	6.51	43.0	7.44	45.8	7.99	47.1	8.08
	25	22.5	3.30	28.1	4.36	35.6	6.04	39.3	6.97	43.0	7.97	45.2	8.34	46.5	8.43
	27	22.5	3.51	28.1	4.65	35.6	6.46	39.3	7.45	43.0	8.53	44.5	8.69	45.8	8.79
	29	22.5	3.74	28.1	4.96	35.6	6.89	39.3	7.96	42.5	8.94	43.9	9.05	45.2	9.15
	31	22.5	3.97	28.1	5.28	35.6	7.35	39.3	8.50	41.9	9.29	43.2	9.40	44.5	9.51
	33	22.5	4.21	28.1	5.61	35.6	7.84	39.3	9.07	41.2	9.64	42.6	9.76	43.9	9.87
	35	22.5	4.47	28.1	5.97	35.6	8.35	39.3	9.67	40.6	9.99	41.9	10.1	43.2	10.2
	37	22.5	4.74	28.1	6.34	35.6	8.89	39.2	10.3	39.9	10.3	41.3	10.5	42.6	10.6
	39	22.5	5.02	28.1	6.74	35.6	9.47	38.6	10.6	39.3	10.7	40.6	10.8	41.9	11.0
100% (350)	10	20.5	2.58	25.5	3.23	32.3	4.18	35.7	4.67	39.1	5.17	45.7	6.20	50.4	6.80
	12	20.5	2.62	25.5	3.28	32.3	4.25	35.7	4.75	39.1	5.27	45.7	6.32	49.8	6.77
	14	20.5	2.67	25.5	3.34	32.3	4.33	35.7	4.84	39.1	5.37	45.7	6.44	49.1	6.73
	16	20.5	2.71	25.5	3.40	32.3	4.41	35.7	4.94	39.1	5.47	45.7	6.57	48.4	6.79
	18	20.5	2.76	25.5	3.46	32.3	4.50	35.7	5.03	39.1	5.58	45.7	6.84	47.8	7.14
	20	20.5	2.80	25.5	3.53	32.3	4.59	35.7	5.13	39.1	5.82	45.7	7.35	47.1	7.49
	21	20.5	2.83	25.5	3.56	32.3	4.63	35.7	5.30	39.1	6.03	45.6	7.59	46.8	7.66
	23	20.5	2.88	25.5	3.63	32.3	4.95	35.7	5.68	39.1	6.46	45.0	7.94	46.2	8.01
	25	20.5	2.95	25.5	3.86	32.3	5.29	35.7	6.07	39.1	6.92	44.3	8.28	45.5	8.37
	27	20.5	3.14	25.5	4.11	32.3	5.64	35.7	6.49	39.1	7.39	43.7	8.63	44.9	8.72
	29	20.5	3.33	25.5	4.37	32.3	6.02	35.7	6.92	39.1	7.90	43.0	8.98	44.2	9.07
	31	20.5	3.53	25.5	4.65	32.3	6.41	35.7	7.39	39.1	8.43	42.4	9.33	43.6	9.43
	33	20.5	3.75	25.5	4.94	32.3	6.83	35.7	7.87	39.1	8.99	41.7	9.68	42.9	9.79
	35	20.5	3.97	25.5	5.25	32.3	7.27	35.7	8.39	39.1	9.59	41.1	10.0	42.3	10.1
	37	20.5	4.21	25.5	5.58	32.3	7.74	35.7	8.93	39.1	10.2	40.4	10.4	41.6	10.5
	39	20.5	4.46	25.5	5.92	32.3	8.23	35.7	9.51	38.5	10.6	39.8	10.8	41.0	10.9
90% (315)	10	18.4	2.34	23.0	2.90	29.1	3.72	32.1	4.14	35.1	4.59	41.1	5.49	46.9	6.39
	12	18.4	2.37	23.0	2.94	29.1	3.78	32.1	4.22	35.1	4.67	41.1	5.60	46.9	6.52
	14	18.4	2.41	23.0	2.99	29.1	3.85	32.1	4.30	35.1	4.76	41.1	5.70	46.9	6.64
	16	18.4	2.45	23.0	3.04	29.1	3.92	32.1	4.38	35.1	4.85	41.1	5.81	46.9	6.77
	18	18.4	2.49	23.0	3.10	29.1	4.00	32.1	4.46	35.1	4.95	41.1	5.93	46.8	7.09
	20	18.4	2.53	23.0	3.15	29.1	4.07	32.1	4.55	35.1	5.04	41.1	6.28	46.2	7.43
	21	18.4	2.55	23.0	3.18	29.1	4.11	32.1	4.60	35.1	5.19	41.1	6.51	45.8	7.61
	23	18.4	2.59	23.0	3.24	29.1	4.29	32.1	4.90	35.1	5.55	41.1	6.97	45.2	7.95
	25	18.4	2.64	23.0	3.38	29.1	4.58	32.1	5.24	35.1	5.94	41.1	7.47	44.5	8.30
	27	18.4	2.78	23.0	3.60	29.1	4.88	32.1	5.59	35.1	6.34	41.1	7.99	43.9	8.65
	29	18.4	2.95	23.0	3.83	29.1	5.20	32.1	5.96	35.1	6.77	41.1	8.53	43.2	9.00
	31	18.4	3.13	23.0	4.07	29.1	5.54	32.1	6.35	35.1	7.22	41.1	9.11	42.6	9.35
	33	18.4	3.31	23.0	4.32	29.1	5.90	32.1	6.77	35.1	7.70	40.9	9.61	41.9	9.70
	35	18.4	3.51	23.0	4.58	29.1	6.27	32.1	7.20	35.1	8.20	40.2	9.96	41.3	10.1
	37	18.4	3.71	23.0	4.86	29.1	6.67	32.1	7.66	35.1	8.73	39.6	10.3	40.6	10.4
	39	18.4	3.93	23.0	5.15	29.1	7.09	32.1	8.15	35.1	9.30	38.9	10.7	40.0	10.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (280)	10	16.4	2.10	20.4	2.58	25.9	3.28	28.6	3.64	31.2	4.02	36.6	4.80	41.7	5.58
	12	16.4	2.13	20.4	2.62	25.9	3.33	28.6	3.70	31.2	4.09	36.6	4.89	41.7	5.68
	14	16.4	2.16	20.4	2.66	25.9	3.39	28.6	3.77	31.2	4.17	36.6	4.98	41.7	5.79
	16	16.4	2.20	20.4	2.70	25.9	3.45	28.6	3.84	31.2	4.24	36.6	5.07	41.7	5.91
	18	16.4	2.23	20.4	2.75	25.9	3.51	28.6	3.91	31.2	4.33	36.6	5.17	41.7	6.02
	20	16.4	2.26	20.4	2.80	25.9	3.58	28.6	3.99	31.2	4.41	36.6	5.30	41.7	6.41
	21	16.4	2.28	20.4	2.82	25.9	3.61	28.6	4.03	31.2	4.45	36.6	5.49	41.7	6.64
	23	16.4	2.32	20.4	2.87	25.9	3.68	28.6	4.18	31.2	4.72	36.6	5.87	41.7	7.12
	25	16.4	2.36	20.4	2.94	25.9	3.93	28.6	4.46	31.2	5.04	36.6	6.28	41.7	7.62
	27	16.4	2.45	20.4	3.13	25.9	4.18	28.6	4.76	31.2	5.38	36.6	6.71	41.7	8.15
	29	16.4	2.59	20.4	3.32	25.9	4.45	28.6	5.07	31.2	5.73	36.6	7.17	41.7	8.71
	31	16.4	2.75	20.4	3.52	25.9	4.74	28.6	5.40	31.2	6.11	36.6	7.65	41.6	9.27
	33	16.4	2.91	20.4	3.74	25.9	5.03	28.6	5.74	31.2	6.50	36.6	8.15	41.0	9.62
	35	16.4	3.07	20.4	3.96	25.9	5.35	28.6	6.11	31.2	6.92	36.6	8.69	40.3	9.97
	37	16.4	3.25	20.4	4.20	25.9	5.68	28.6	6.49	31.2	7.36	36.6	9.26	39.7	10.3
	39	16.4	3.43	20.4	4.44	25.9	6.03	28.6	6.90	31.2	7.83	36.6	9.86	39.0	10.7
70% (245)	10	14.3	1.88	17.9	2.27	22.6	2.85	25.0	3.16	27.3	3.47	32.0	4.12	36.5	4.78
	12	14.3	1.90	17.9	2.31	22.6	2.90	25.0	3.21	27.3	3.53	32.0	4.20	36.5	4.87
	14	14.3	1.93	17.9	2.34	22.6	2.95	25.0	3.27	27.3	3.60	32.0	4.28	36.5	4.97
	16	14.3	1.96	17.9	2.38	22.6	3.00	25.0	3.32	27.3	3.66	32.0	4.36	36.5	5.06
	18	14.3	1.98	17.9	2.42	22.6	3.05	25.0	3.39	27.3	3.73	32.0	4.44	36.5	5.16
	20	14.3	2.01	17.9	2.46	22.6	3.11	25.0	3.45	27.3	3.80	32.0	4.53	36.5	5.28
	21	14.3	2.03	17.9	2.48	22.6	3.14	25.0	3.48	27.3	3.84	32.0	4.58	36.5	5.47
	23	14.3	2.06	17.9	2.52	22.6	3.19	25.0	3.55	27.3	3.95	32.0	4.87	36.5	5.86
	25	14.3	2.09	17.9	2.56	22.6	3.32	25.0	3.75	27.3	4.21	32.0	5.21	36.5	6.26
	27	14.3	2.14	17.9	2.69	22.6	3.54	25.0	4.00	27.3	4.49	32.0	5.56	36.5	6.69
	29	14.3	2.26	17.9	2.85	22.6	3.76	25.0	4.26	27.3	4.78	32.0	5.93	36.5	7.15
	31	14.3	2.39	17.9	3.02	22.6	4.00	25.0	4.53	27.3	5.09	32.0	6.32	36.5	7.62
	33	14.3	2.53	17.9	3.20	22.6	4.24	25.0	4.81	27.3	5.42	32.0	6.73	36.5	8.13
	35	14.3	2.67	17.9	3.39	22.6	4.50	25.0	5.11	27.3	5.76	32.0	7.16	36.5	8.66
	37	14.3	2.82	17.9	3.58	22.6	4.77	25.0	5.42	27.3	6.12	32.0	7.62	36.5	9.23
	39	14.3	2.97	17.9	3.79	22.6	5.06	25.0	5.75	27.3	6.50	32.0	8.10	36.5	9.83
60% (210)	10	12.3	1.66	15.3	1.98	19.4	2.45	21.4	2.70	23.4	2.95	27.4	3.48	31.3	4.02
	12	12.3	1.68	15.3	2.01	19.4	2.49	21.4	2.74	23.4	3.00	27.4	3.54	31.3	4.09
	14	12.3	1.71	15.3	2.04	19.4	2.53	21.4	2.79	23.4	3.06	27.4	3.61	31.3	4.17
	16	12.3	1.73	15.3	2.07	19.4	2.57	21.4	2.84	23.4	3.11	27.4	3.67	31.3	4.25
	18	12.3	1.75	15.3	2.10	19.4	2.62	21.4	2.88	23.4	3.16	27.4	3.74	31.3	4.33
	20	12.3	1.77	15.3	2.13	19.4	2.66	21.4	2.94	23.4	3.22	27.4	3.81	31.3	4.42
	21	12.3	1.79	15.3	2.15	19.4	2.68	21.4	2.96	23.4	3.25	27.4	3.85	31.3	4.46
	23	12.3	1.81	15.3	2.18	19.4	2.73	21.4	3.02	23.4	3.31	27.4	3.97	31.3	4.72
	25	12.3	1.84	15.3	2.22	19.4	2.78	21.4	3.11	23.4	3.47	27.4	4.23	31.3	5.05
	27	12.3	1.87	15.3	2.28	19.4	2.95	21.4	3.31	23.4	3.69	27.4	4.51	31.3	5.38
	29	12.3	1.96	15.3	2.42	19.4	3.13	21.4	3.51	23.4	3.92	27.4	4.80	31.3	5.74
	31	12.3	2.07	15.3	2.56	19.4	3.32	21.4	3.73	23.4	4.17	27.4	5.11	31.3	6.12
	33	12.3	2.18	15.3	2.71	19.4	3.52	21.4	3.96	23.4	4.43	27.4	5.44	31.3	6.51
	35	12.3	2.30	15.3	2.86	19.4	3.73	21.4	4.20	23.4	4.70	27.4	5.78	31.3	6.93
	37	12.3	2.42	15.3	3.02	19.4	3.95	21.4	4.45	23.4	4.99	27.4	6.14	31.3	7.37
	39	12.3	2.55	15.3	3.19	19.4	4.18	21.4	4.72	23.4	5.29	27.4	6.52	31.3	7.84
50% (175)	10	10.2	1.46	12.8	1.71	16.2	2.08	17.8	2.27	19.5	2.47	22.9	2.88	26.1	3.30
	12	10.2	1.48	12.8	1.73	16.2	2.11	17.8	2.30	19.5	2.51	22.9	2.93	26.1	3.36
	14	10.2	1.50	12.8	1.76	16.2	2.14	17.8	2.34	19.5	2.55	22.9	2.98	26.1	3.42
	16	10.2	1.51	12.8	1.78	16.2	2.17	17.8	2.38	19.5	2.59	22.9	3.03	26.1	3.48
	18	10.2	1.53	12.8	1.80	16.2	2.20	17.8	2.41	19.5	2.63	22.9	3.08	26.1	3.54
	20	10.2	1.55	12.8	1.83	16.2	2.24	17.8	2.45	19.5	2.68	22.9	3.14	26.1	3.61
	21	10.2	1.56	12.8	1.84	16.2	2.26	17.8	2.47	19.5	2.70	22.9	3.17	26.1	3.64
	23	10.2	1.58	12.8	1.87	16.2	2.29	17.8	2.52	19.5	2.75	22.9	3.23	26.1	3.71
	25	10.2	1.60	12.8	1.90	16.2	2.33	17.8	2.56	19.5	2.80	22.9	3.36	26.1	3.96
	27	10.2	1.62	12.8	1.93	16.2	2.42	17.8	2.69	19.5	2.97	22.9	3.58	26.1	4.22
	29	10.2	1.67	12.8	2.03	16.2	2.56	17.8	2.85	19.5	3.15	22.9	3.80	26.1	4.49
	31	10.2	1.76	12.8	2.14	16.2	2.71	17.8	3.02	19.5	3.34	22.9	4.04	26.1	4.78
	33	10.2	1.86	12.8	2.26	16.2	2.87	17.8	3.20	19.5	3.54	22.9	4.29	26.1	5.08
	35	10.2	1.95	12.8	2.38	16.2	3.03	17.8	3.38	19.5	3.76	22.9	4.55	26.1	5.40
	37	10.2	2.05	12.8	2.51	16.2	3.20	17.8	3.58	19.5	3.98	22.9	4.83	26.1	5.73
	39	10.2	2.16	12.8	2.64	16.2	3.39	17.8	3.79	19.5	4.21	22.9	5.12	26.1	6.09

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ14TY1 Cooling capacity (Capacity correction factor: 0.95) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (455)	10	25.3	3.20	31.5	4.06	39.9	5.31	44.1	5.95	48.2	6.60	51.2	6.62	52.7	6.29
	12	25.3	3.25	31.5	4.13	39.9	5.41	44.1	6.06	48.2	6.73	50.6	6.58	52.0	6.25
	14	25.3	3.31	31.5	4.21	39.9	5.51	44.1	6.18	48.2	6.86	49.9	6.55	51.4	6.56
	16	25.3	3.37	31.5	4.29	39.9	5.62	44.1	6.30	47.7	6.86	49.3	6.84	50.7	6.91
	18	25.3	3.43	31.5	4.37	39.9	5.73	44.1	6.48	47.1	7.10	48.6	7.19	50.1	7.27
	20	25.3	3.49	31.5	4.45	39.9	6.02	44.1	6.96	46.4	7.45	48.0	7.54	49.4	7.62
	21	25.3	3.52	31.5	4.50	39.9	6.23	44.1	7.21	46.1	7.62	47.6	7.71	49.1	7.80
	23	25.3	3.59	31.5	4.77	39.9	6.68	44.1	7.73	45.4	7.97	47.0	8.07	48.5	8.16
	25	25.3	3.81	31.5	5.10	39.9	7.15	44.0	8.26	44.8	8.32	46.3	8.42	47.8	8.52
	27	25.3	4.06	31.5	5.44	39.9	7.65	43.4	8.61	44.1	8.67	45.7	8.78	47.2	8.88
	29	25.3	4.32	31.5	5.80	39.9	8.17	42.7	8.96	43.5	9.02	45.0	9.14	46.5	9.25
	31	25.3	4.59	31.5	6.18	39.9	8.72	42.1	9.31	42.8	9.37	44.4	9.49	45.9	9.61
	33	25.3	4.88	31.5	6.59	39.9	9.30	41.4	9.66	42.2	9.72	43.7	9.86	45.2	9.98
	35	25.3	5.19	31.5	7.01	39.9	9.92	40.8	10.0	41.5	10.1	43.1	10.2	44.6	10.4
	37	25.3	5.51	31.5	7.46	39.3	10.3	40.1	10.4	40.9	10.4	42.4	10.6	43.9	10.7
	39	25.3	5.84	31.5	7.93	38.7	10.6	39.5	10.7	40.2	10.8	41.8	11.0	43.3	11.1
120% (420)	10	23.3	2.94	29.1	3.71	36.9	4.84	40.7	5.42	44.5	6.02	50.4	6.80	51.8	6.50
	12	23.3	2.99	29.1	3.78	36.9	4.93	40.7	5.53	44.5	6.13	49.7	6.77	51.1	6.46
	14	23.3	3.04	29.1	3.85	36.9	5.03	40.7	5.63	44.5	6.25	49.1	6.73	50.5	6.51
	16	23.3	3.10	29.1	3.92	36.9	5.12	40.7	5.74	44.5	6.37	48.4	6.79	49.8	6.86
	18	23.3	3.15	29.1	3.99	36.9	5.23	40.7	5.86	44.5	6.57	47.8	7.14	49.2	7.22
	20	23.3	3.21	29.1	4.07	36.9	5.36	40.7	6.18	44.5	7.07	47.1	7.49	48.5	7.57
	21	23.3	3.24	29.1	4.11	36.9	5.55	40.7	6.40	44.5	7.32	46.8	7.66	48.2	7.75
	23	23.3	3.30	29.1	4.29	36.9	5.95	40.7	6.86	44.5	7.85	46.2	8.01	47.5	8.10
	25	23.3	3.45	29.1	4.58	36.9	6.36	40.7	7.35	44.1	8.27	45.5	8.37	46.9	8.46
	27	23.3	3.67	29.1	4.88	36.9	6.80	40.7	7.86	43.4	8.62	44.9	8.72	46.2	8.82
	29	23.3	3.90	29.1	5.20	36.9	7.26	40.7	8.40	42.8	8.96	44.2	9.07	45.6	9.18
	31	23.3	4.15	29.1	5.54	36.9	7.74	40.7	8.97	42.1	9.31	43.6	9.43	44.9	9.54
	33	23.3	4.41	29.1	5.89	36.9	8.26	40.7	9.57	41.5	9.67	42.9	9.79	44.3	9.90
	35	23.3	4.68	29.1	6.27	36.9	8.80	40.1	9.95	40.8	10.0	42.3	10.1	43.6	10.3
	37	23.3	4.96	29.1	6.66	36.9	9.37	39.5	10.3	40.2	10.4	41.6	10.5	43.0	10.6
	39	23.3	5.26	29.1	7.08	36.9	9.98	38.8	10.7	39.5	10.7	41.0	10.9	42.3	11.0
110% (385)	10	21.4	2.70	26.7	3.38	33.8	4.39	37.3	4.91	40.8	5.44	47.8	6.53	50.8	6.70
	12	21.4	2.74	26.7	3.44	33.8	4.47	37.3	5.00	40.8	5.54	47.8	6.65	50.2	6.67
	14	21.4	2.78	26.7	3.50	33.8	4.55	37.3	5.09	40.8	5.65	47.8	6.78	49.5	6.63
	16	21.4	2.83	26.7	3.57	33.8	4.64	37.3	5.19	40.8	5.76	47.6	6.88	48.9	6.82
	18	21.4	2.88	26.7	3.63	33.8	4.73	37.3	5.29	40.8	5.88	47.0	7.10	48.2	7.17
	20	21.4	2.93	26.7	3.70	33.8	4.82	37.3	5.45	40.8	6.21	46.3	7.44	47.6	7.52
	21	21.4	2.96	26.7	3.74	33.8	4.91	37.3	5.64	40.8	6.43	46.0	7.62	47.3	7.69
	23	21.4	3.01	26.7	3.83	33.8	5.26	37.3	6.05	40.8	6.89	45.4	7.96	46.6	8.04
	25	21.4	3.11	26.7	4.08	33.8	5.62	37.3	6.47	40.8	7.38	44.7	8.31	46.0	8.40
	27	21.4	3.30	26.7	4.35	33.8	6.00	37.3	6.91	40.8	7.89	44.1	8.66	45.3	8.75
	29	21.4	3.51	26.7	4.63	33.8	6.40	37.3	7.38	40.8	8.43	43.4	9.01	44.7	9.11
	31	21.4	3.73	26.7	4.93	33.8	6.83	37.3	7.88	40.8	9.01	42.8	9.36	44.0	9.46
	33	21.4	3.95	26.7	5.24	33.8	7.27	37.3	8.40	40.8	9.61	42.1	9.72	43.4	9.82
	35	21.4	4.19	26.7	5.57	33.8	7.75	37.3	8.95	40.2	9.96	41.5	10.1	42.7	10.2
	37	21.4	4.44	26.7	5.91	33.8	8.25	37.3	9.54	39.5	10.3	40.8	10.4	42.1	10.5
	39	21.4	4.71	26.7	6.28	33.8	8.78	37.3	10.2	38.9	10.7	40.2	10.8	41.4	10.9
100% (350)	10	19.4	2.46	24.2	3.06	30.7	3.94	33.9	4.40	37.1	4.88	43.4	5.85	49.5	6.81
	12	19.4	2.50	24.2	3.11	30.7	4.02	33.9	4.48	37.1	4.97	43.4	5.96	49.3	6.87
	14	19.4	2.54	24.2	3.17	30.7	4.09	33.9	4.57	37.1	5.06	43.4	6.07	48.6	6.84
	16	19.4	2.58	24.2	3.22	30.7	4.17	33.9	4.66	37.1	5.16	43.4	6.19	48.0	6.80
	18	19.4	2.62	24.2	3.28	30.7	4.25	33.9	4.75	37.1	5.26	43.4	6.33	47.3	7.11
	20	19.4	2.67	24.2	3.34	30.7	4.33	33.9	4.84	37.1	5.41	43.4	6.80	46.7	7.46
	21	19.4	2.69	24.2	3.37	30.7	4.37	33.9	4.93	37.1	5.60	43.4	7.05	46.3	7.63
	23	19.4	2.74	24.2	3.43	30.7	4.61	33.9	5.28	37.1	6.00	43.4	7.56	45.7	7.98
	25	19.4	2.79	24.2	3.62	30.7	4.93	33.9	5.65	37.1	6.42	43.4	8.10	45.0	8.33
	27	19.4	2.96	24.2	3.85	30.7	5.26	33.9	6.03	37.1	6.86	43.2	8.60	44.4	8.68
	29	19.4	3.14	24.2	4.10	30.7	5.60	33.9	6.43	37.1	7.32	42.6	8.95	43.7	9.04
	31	19.4	3.33	24.2	4.35	30.7	5.97	33.9	6.86	37.1	7.81	41.9	9.30	43.1	9.39
	33	19.4	3.53	24.2	4.63	30.7	6.36	33.9	7.31	37.1	8.33	41.3	9.65	42.4	9.75
	35	19.4	3.74	24.2	4.91	30.7	6.76	33.9	7.78	37.1	8.88	40.6	10.0	41.8	10.1
	37	19.4	3.96	24.2	5.21	30.7	7.19	33.9	8.29	37.1	9.46	40.0	10.4	41.1	10.5
	39	19.4	4.19	24.2	5.53	30.7	7.65	33.9	8.82	37.1	10.1	39.3	10.7	40.5	10.8
90% (315)	10	17.5	2.23	21.8	2.75	27.7	3.52	30.5	3.91	33.4	4.33	39.1	5.18	44.6	6.03
	12	17.5	2.26	21.8	2.79	27.7	3.58	30.5	3.98	33.4	4.41	39.1	5.27	44.6	6.14
	14	17.5	2.30	21.8	2.84	27.7	3.64	30.5	4.06	33.4	4.49	39.1	5.37	44.6	6.26
	16	17.5	2.33	21.8	2.89	27.7	3.71	30.5	4.13	33.4	4.57	39.1	5.48	44.6	6.38
	18	17.5	2.37	21.8	2.94	27.7	3.78	30.5	4.21	33.4	4.66	39.1	5.59	44.6	6.58
	20	17.5	2.41	21.8	2.99	27.7	3.85	30.5	4.30	33.4	4.76	39.1	5.83	44.6	7.07
	21	17.5	2.43	21.8	3.02	27.7	3.89	30.5	4.34	33.4	4.83	39.1	6.04	44.6	7.33
	23	17.5	2.47	21.8	3.07	27.7	4.01	30.5	4.57	33.4	5.17	39.1	6.47	44.6	7.86
	25	17.5	2.51	21.8	3.18	27.7	4.28	30.5	4.88	33.4	5.52	39.1	6.92	44.1	8.27
	27	17.5	2.63	21.8	3.38	27.7	4.56	30.5	5.21	33.4	5.90	39.1	7.40	43.5	8.62
	29	17.5	2.79	21.8	3.60	27.7	4.86	30.5	5.55	33.4	6.29	39.1	7.90	42.8	8.96
	31	17.5	2.95	21.8	3.82	27.7	5.17	30.5	5.91	33.4	6.71	39.1	8.44	42.2	9.31
	33	17.5	3.13	21.8	4.05	27.7	5.50	30.5	6.29	33.4	7.15	39.1	9.00	41.5	9.67
	35	17.5	3.31	21.8	4.30	27.7	5.85	30.5	6.70	33.4	7.61	39.1	9.60	40.9	10.0
	37	17.5	3.50	21.8	4.56	27.7	6.21	30.5	7.12	33.4	8.10	39.1	10.2	40.2	10.4
	39	17.5	3.70	21.8	4.83	27.7	6.60	30.5	7.57	33.4	8.62	38.5	10.6	39.6	10.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (280)	10	15.6	2.01	19.4	2.45	24.6	3.10	27.1	3.44	29.7	3.80	34.7	4.52	39.6	5.26
	12	15.6	2.04	19.4	2.49	24.6	3.16	27.1	3.50	29.7	3.86	34.7	4.61	39.6	5.36
	14	15.6	2.07	19.4	2.53	24.6	3.21	27.1	3.57	29.7	3.93	34.7	4.69	39.6	5.46
	16	15.6	2.10	19.4	2.57	24.6	3.27	27.1	3.63	29.7	4.01	34.7	4.78	39.6	5.57
	18	15.6	2.13	19.4	2.61	24.6	3.33	27.1	3.70	29.7	4.08	34.7	4.88	39.6	5.68
	20	15.6	2.16	19.4	2.66	24.6	3.39	27.1	3.77	29.7	4.16	34.7	4.98	39.6	5.94
	21	15.6	2.18	19.4	2.68	24.6	3.42	27.1	3.81	29.7	4.20	34.7	5.10	39.6	6.16
	23	15.6	2.21	19.4	2.73	24.6	3.49	27.1	3.91	29.7	4.40	34.7	5.46	39.6	6.60
	25	15.6	2.25	19.4	2.78	24.6	3.68	27.1	4.17	29.7	4.70	34.7	5.84	39.6	7.06
	27	15.6	2.32	19.4	2.95	24.6	3.92	27.1	4.45	29.7	5.01	34.7	6.24	39.6	7.55
	29	15.6	2.46	19.4	3.13	24.6	4.17	27.1	4.74	29.7	5.34	34.7	6.66	39.6	8.07
	31	15.6	2.60	19.4	3.32	24.6	4.43	27.1	5.04	29.7	5.69	34.7	7.10	39.6	8.61
	33	15.6	2.75	19.4	3.52	24.6	4.71	27.1	5.36	29.7	6.06	34.7	7.57	39.6	9.19
	35	15.6	2.91	19.4	3.73	24.6	5.00	27.1	5.70	29.7	6.44	34.7	8.06	39.6	9.80
	37	15.6	3.07	19.4	3.95	24.6	5.31	27.1	6.05	29.7	6.85	34.7	8.58	39.3	10.3
	39	15.6	3.24	19.4	4.18	24.6	5.63	27.1	6.43	29.7	7.28	34.7	9.14	38.6	10.6
70% (245)	10	13.6	1.80	17.0	2.17	21.5	2.71	23.7	2.99	26.0	3.29	30.4	3.90	34.7	4.51
	12	13.6	1.82	17.0	2.20	21.5	2.75	23.7	3.04	26.0	3.34	30.4	3.97	34.7	4.60
	14	13.6	1.85	17.0	2.23	21.5	2.80	23.7	3.10	26.0	3.40	30.4	4.04	34.7	4.68
	16	13.6	1.87	17.0	2.27	21.5	2.85	23.7	3.15	26.0	3.46	30.4	4.12	34.7	4.77
	18	13.6	1.90	17.0	2.30	21.5	2.90	23.7	3.21	26.0	3.53	30.4	4.19	34.7	4.87
	20	13.6	1.93	17.0	2.34	21.5	2.95	23.7	3.27	26.0	3.59	30.4	4.28	34.7	4.96
	21	13.6	1.94	17.0	2.36	21.5	2.97	23.7	3.30	26.0	3.63	30.4	4.32	34.7	5.09
	23	13.6	1.97	17.0	2.40	21.5	3.03	23.7	3.36	26.0	3.70	30.4	4.54	34.7	5.45
	25	13.6	2.00	17.0	2.44	21.5	3.13	23.7	3.52	26.0	3.94	30.4	4.85	34.7	5.82
	27	13.6	2.04	17.0	2.54	21.5	3.32	23.7	3.75	26.0	4.20	30.4	5.18	34.7	6.22
	29	13.6	2.15	17.0	2.70	21.5	3.53	23.7	3.99	26.0	4.47	30.4	5.52	34.7	6.64
	31	13.6	2.28	17.0	2.86	21.5	3.75	23.7	4.24	26.0	4.76	30.4	5.88	34.7	7.08
	33	13.6	2.40	17.0	3.02	21.5	3.98	23.7	4.50	26.0	5.06	30.4	6.26	34.7	7.54
	35	13.6	2.54	17.0	3.20	21.5	4.22	23.7	4.78	26.0	5.37	30.4	6.66	34.7	8.03
	37	13.6	2.68	17.0	3.38	21.5	4.47	23.7	5.07	26.0	5.71	30.4	7.08	34.7	8.55
	39	13.6	2.82	17.0	3.57	21.5	4.74	23.7	5.38	26.0	6.06	30.4	7.53	34.7	9.11
60% (210)	10	11.7	1.60	14.5	1.90	18.4	2.34	20.3	2.57	22.3	2.81	26.1	3.30	29.7	3.80
	12	11.7	1.62	14.5	1.93	18.4	2.37	20.3	2.61	22.3	2.85	26.1	3.36	29.7	3.87
	14	11.7	1.64	14.5	1.95	18.4	2.41	20.3	2.65	22.3	2.90	26.1	3.41	29.7	3.94
	16	11.7	1.66	14.5	1.98	18.4	2.45	20.3	2.69	22.3	2.95	26.1	3.48	29.7	4.01
	18	11.7	1.68	14.5	2.01	18.4	2.49	20.3	2.74	22.3	3.00	26.1	3.54	29.7	4.09
	20	11.7	1.71	14.5	2.04	18.4	2.53	20.3	2.79	22.3	3.05	26.1	3.61	29.7	4.17
	21	11.7	1.72	14.5	2.05	18.4	2.55	20.3	2.81	22.3	3.08	26.1	3.64	29.7	4.21
	23	11.7	1.74	14.5	2.09	18.4	2.60	20.3	2.86	22.3	3.14	26.1	3.71	29.7	4.41
	25	11.7	1.76	14.5	2.12	18.4	2.64	20.3	2.93	22.3	3.26	26.1	3.96	29.7	4.71
	27	11.7	1.79	14.5	2.17	18.4	2.78	20.3	3.11	22.3	3.47	26.1	4.22	29.7	5.02
	29	11.7	1.87	14.5	2.30	18.4	2.95	20.3	3.31	22.3	3.68	26.1	4.49	29.7	5.35
	31	11.7	1.97	14.5	2.43	18.4	3.13	20.3	3.51	22.3	3.91	26.1	4.78	29.7	5.70
	33	11.7	2.08	14.5	2.57	18.4	3.32	20.3	3.72	22.3	4.15	26.1	5.08	29.7	6.06
	35	11.7	2.19	14.5	2.71	18.4	3.51	20.3	3.94	22.3	4.41	26.1	5.40	29.7	6.45
	37	11.7	2.31	14.5	2.86	18.4	3.72	20.3	4.18	22.3	4.67	26.1	5.73	29.7	6.86
	39	11.7	2.43	14.5	3.02	18.4	3.93	20.3	4.43	22.3	4.95	26.1	6.08	29.7	7.29
50% (175)	10	9.72	1.41	12.1	1.65	15.4	1.99	17.0	2.17	18.6	2.35	21.7	2.74	24.8	3.13
	12	9.72	1.43	12.1	1.67	15.4	2.02	17.0	2.20	18.6	2.39	21.7	2.78	24.8	3.18
	14	9.72	1.44	12.1	1.69	15.4	2.05	17.0	2.23	18.6	2.43	21.7	2.83	24.8	3.24
	16	9.72	1.46	12.1	1.71	15.4	2.08	17.0	2.27	18.6	2.46	21.7	2.87	24.8	3.29
	18	9.72	1.48	12.1	1.73	15.4	2.11	17.0	2.30	18.6	2.50	21.7	2.92	24.8	3.35
	20	9.72	1.50	12.1	1.76	15.4	2.14	17.0	2.34	18.6	2.55	21.7	2.98	24.8	3.41
	21	9.72	1.50	12.1	1.77	15.4	2.16	17.0	2.36	18.6	2.57	21.7	3.00	24.8	3.45
	23	9.72	1.52	12.1	1.79	15.4	2.19	17.0	2.40	18.6	2.61	21.7	3.06	24.8	3.51
	25	9.72	1.54	12.1	1.82	15.4	2.23	17.0	2.44	18.6	2.66	21.7	3.16	24.8	3.71
	27	9.72	1.56	12.1	1.85	15.4	2.29	17.0	2.54	18.6	2.80	21.7	3.36	24.8	3.95
	29	9.72	1.61	12.1	1.93	15.4	2.43	17.0	2.69	18.6	2.97	21.7	3.57	24.8	4.21
	31	9.72	1.69	12.1	2.04	15.4	2.57	17.0	2.85	18.6	3.15	21.7	3.79	24.8	4.47
	33	9.72	1.78	12.1	2.15	15.4	2.72	17.0	3.02	18.6	3.34	21.7	4.03	24.8	4.75
	35	9.72	1.87	12.1	2.27	15.4	2.87	17.0	3.19	18.6	3.54	21.7	4.27	24.8	5.05
	37	9.72	1.97	12.1	2.39	15.4	3.03	17.0	3.38	18.6	3.74	21.7	4.53	24.8	5.36
	39	9.72	2.07	12.1	2.52	15.4	3.20	17.0	3.57	18.6	3.96	21.7	4.80	24.8	5.68

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ14TY1 Cooling capacity (Capacity correction factor: 0.90) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (455)	10	24.0	3.02	29.9	3.82	37.8	4.99	41.8	5.59	45.7	6.20	50.7	6.74	52.1	6.43
	12	24.0	3.07	29.9	3.89	37.8	5.08	41.8	5.69	45.7	6.32	50.0	6.71	51.4	6.39
	14	24.0	3.13	29.9	3.96	37.8	5.18	41.8	5.80	45.7	6.44	49.4	6.67	50.8	6.53
	16	24.0	3.18	29.9	4.04	37.8	5.28	41.8	5.92	45.7	6.57	48.7	6.81	50.1	6.88
	18	24.0	3.24	29.9	4.11	37.8	5.38	41.8	6.03	45.7	6.83	48.1	7.16	49.5	7.23
	20	24.0	3.30	29.9	4.19	37.8	5.56	41.8	6.42	45.7	7.35	47.4	7.50	48.8	7.59
	21	24.0	3.33	29.9	4.23	37.8	5.76	41.8	6.65	45.6	7.59	47.1	7.68	48.5	7.76
	23	24.0	3.39	29.9	4.44	37.8	6.17	41.8	7.13	45.0	7.94	46.4	8.03	47.8	8.12
	25	24.0	3.56	29.9	4.74	37.8	6.60	41.8	7.64	44.3	8.28	45.8	8.38	47.2	8.48
	27	24.0	3.79	29.9	5.05	37.8	7.06	41.8	8.17	43.7	8.63	45.1	8.74	46.5	8.84
	29	24.0	4.03	29.9	5.39	37.8	7.54	41.8	8.73	43.0	8.98	44.5	9.09	45.9	9.20
	31	24.0	4.29	29.9	5.74	37.8	8.05	41.6	9.27	42.4	9.33	43.8	9.45	45.2	9.56
	33	24.0	4.55	29.9	6.11	37.8	8.58	41.0	9.62	41.7	9.68	43.2	9.81	44.6	9.93
	35	24.0	4.83	29.9	6.50	37.8	9.15	40.3	9.97	41.1	10.0	42.5	10.2	43.9	10.3
	37	24.0	5.13	29.9	6.91	37.8	9.75	39.7	10.3	40.4	10.4	41.9	10.5	43.3	10.7
	39	24.0	5.44	29.9	7.34	37.8	10.4	39.0	10.7	39.8	10.8	41.2	10.9	42.6	11.0
120% (420)	10	22.1	2.79	27.6	3.50	34.9	4.55	38.6	5.10	42.2	5.65	49.4	6.78	51.2	6.63
	12	22.1	2.83	27.6	3.56	34.9	4.64	38.6	5.19	42.2	5.76	49.2	6.88	50.5	6.59
	14	22.1	2.88	27.6	3.63	34.9	4.73	38.6	5.29	42.2	5.87	48.6	6.85	49.9	6.55
	16	22.1	2.93	27.6	3.69	34.9	4.82	38.6	5.39	42.2	5.99	47.9	6.81	49.2	6.83
	18	22.1	2.98	27.6	3.76	34.9	4.91	38.6	5.50	42.2	6.10	47.3	7.11	48.6	7.18
	20	22.1	3.03	27.6	3.84	34.9	5.01	38.6	5.71	42.2	6.52	46.6	7.46	47.9	7.54
	21	22.1	3.06	27.6	3.87	34.9	5.14	38.6	5.92	42.2	6.75	46.3	7.63	47.6	7.71
	23	22.1	3.12	27.6	3.99	34.9	5.51	38.6	6.34	42.2	7.24	45.7	7.98	47.0	8.06
	25	22.1	3.23	27.6	4.26	34.9	5.89	38.6	6.79	42.2	7.75	45.0	8.33	46.3	8.42
	27	22.1	3.44	27.6	4.54	34.9	6.29	38.6	7.25	42.2	8.29	44.4	8.68	45.7	8.78
	29	22.1	3.65	27.6	4.84	34.9	6.71	38.6	7.75	42.2	8.86	43.7	9.03	45.0	9.13
	31	22.1	3.88	27.6	5.15	34.9	7.16	38.6	8.27	41.7	9.28	43.1	9.39	44.3	9.49
	33	22.1	4.12	27.6	5.48	34.9	7.63	38.6	8.82	41.1	9.63	42.4	9.74	43.7	9.85
	35	22.1	4.37	27.6	5.82	34.9	8.13	38.6	9.40	40.4	9.98	41.8	10.1	43.0	10.2
	37	22.1	4.63	27.6	6.18	34.9	8.65	38.6	10.0	39.8	10.3	41.1	10.5	42.4	10.6
	39	22.1	4.91	27.6	6.57	34.9	9.21	38.4	10.6	39.1	10.7	40.5	10.8	41.7	10.9
110% (385)	10	20.3	2.56	25.3	3.19	32.0	4.13	35.3	4.61	38.7	5.11	45.2	6.13	50.3	6.82
	12	20.3	2.60	25.3	3.25	32.0	4.20	35.3	4.70	38.7	5.21	45.2	6.25	49.7	6.79
	14	20.3	2.64	25.3	3.31	32.0	4.28	35.3	4.79	38.7	5.31	45.2	6.37	49.0	6.75
	16	20.3	2.68	25.3	3.36	32.0	4.36	35.3	4.88	38.7	5.41	45.2	6.49	48.4	6.79
	18	20.3	2.73	25.3	3.43	32.0	4.45	35.3	4.98	38.7	5.52	45.2	6.73	47.7	7.14
	20	20.3	2.78	25.3	3.49	32.0	4.54	35.3	5.08	38.7	5.74	45.2	7.24	47.1	7.48
	21	20.3	2.80	25.3	3.52	32.0	4.58	35.3	5.23	38.7	5.94	45.2	7.50	46.7	7.66
	23	20.3	2.85	25.3	3.59	32.0	4.88	35.3	5.60	38.7	6.37	44.9	7.93	46.1	8.01
	25	20.3	2.92	25.3	3.81	32.0	5.21	35.3	5.98	38.7	6.81	44.2	8.28	45.4	8.36
	27	20.3	3.10	25.3	4.06	32.0	5.56	35.3	6.39	38.7	7.29	43.6	8.63	44.8	8.71
	29	20.3	3.29	25.3	4.32	32.0	5.93	35.3	6.82	38.7	7.78	42.9	8.97	44.1	9.07
	31	20.3	3.49	25.3	4.59	32.0	6.32	35.3	7.28	38.7	8.31	42.3	9.33	43.5	9.42
	33	20.3	3.70	25.3	4.88	32.0	6.73	35.3	7.76	38.7	8.86	41.6	9.68	42.8	9.78
	35	20.3	3.93	25.3	5.18	32.0	7.17	35.3	8.26	38.7	9.45	41.0	10.0	42.2	10.1
	37	20.3	4.16	25.3	5.50	32.0	7.63	35.3	8.80	38.7	10.1	40.3	10.4	41.5	10.5
	39	20.3	4.40	25.3	5.84	32.0	8.11	35.3	9.37	38.4	10.6	39.7	10.7	40.9	10.9
100% (350)	10	18.4	2.34	23.0	2.90	29.1	3.72	32.1	4.14	35.1	4.59	41.1	5.49	46.9	6.39
	12	18.4	2.37	23.0	2.94	29.1	3.78	32.1	4.22	35.1	4.67	41.1	5.60	46.9	6.52
	14	18.4	2.41	23.0	2.99	29.1	3.85	32.1	4.30	35.1	4.76	41.1	5.70	46.9	6.64
	16	18.4	2.45	23.0	3.04	29.1	3.92	32.1	4.38	35.1	4.85	41.1	5.81	46.9	6.77
	18	18.4	2.49	23.0	3.10	29.1	4.00	32.1	4.46	35.1	4.95	41.1	5.93	46.8	7.09
	20	18.4	2.53	23.0	3.15	29.1	4.07	32.1	4.55	35.1	5.04	41.1	6.28	46.2	7.43
	21	18.4	2.55	23.0	3.18	29.1	4.11	32.1	4.60	35.1	5.19	41.1	6.51	45.8	7.61
	23	18.4	2.59	23.0	3.24	29.1	4.29	32.1	4.90	35.1	5.55	41.1	6.97	45.2	7.95
	25	18.4	2.64	23.0	3.38	29.1	4.58	32.1	5.24	35.1	5.94	41.1	7.47	44.5	8.30
	27	18.4	2.78	23.0	3.60	29.1	4.88	32.1	5.59	35.1	6.34	41.1	7.99	43.9	8.65
	29	18.4	2.95	23.0	3.83	29.1	5.20	32.1	5.96	35.1	6.77	41.1	8.53	43.2	9.00
	31	18.4	3.13	23.0	4.07	29.1	5.54	32.1	6.35	35.1	7.22	41.1	9.11	42.6	9.35
	33	18.4	3.31	23.0	4.32	29.1	5.90	32.1	6.77	35.1	7.70	40.9	9.61	41.9	9.70
	35	18.4	3.51	23.0	4.58	29.1	6.27	32.1	7.20	35.1	8.20	40.2	9.96	41.3	10.1
	37	18.4	3.71	23.0	4.86	29.1	6.67	32.1	7.66	35.1	8.73	39.6	10.3	40.6	10.4
	39	18.4	3.93	23.0	5.15	29.1	7.09	32.1	8.15	35.1	9.30	38.9	10.7	40.0	10.8
90% (315)	10	16.6	2.13	20.7	2.61	26.2	3.32	28.9	3.69	31.6	4.07	37.0	4.86	42.2	5.66
	12	16.6	2.16	20.7	2.65	26.2	3.38	28.9	3.75	31.6	4.15	37.0	4.96	42.2	5.77
	14	16.6	2.19	20.7	2.69	26.2	3.44	28.9	3.82	31.6	4.22	37.0	5.05	42.2	5.88
	16	16.6	2.22	20.7	2.74	26.2	3.50	28.9	3.89	31.6	4.30	37.0	5.15	42.2	5.99
	18	16.6	2.25	20.7	2.78	26.2	3.56	28.9	3.97	31.6	4.39	37.0	5.25	42.2	6.11
	20	16.6	2.29	20.7	2.83	26.2	3.63	28.9	4.04	31.6	4.47	37.0	5.39	42.2	6.53
	21	16.6	2.31	20.7	2.86	26.2	3.66	28.9	4.08	31.6	4.52	37.0	5.58	42.2	6.76
	23	16.6	2.35	20.7	2.91	26.2	3.74	28.9	4.25	31.6	4.80	37.0	5.98	42.2	7.25
	25	16.6	2.39	20.7	2.98	26.2	3.99	28.9	4.54	31.6	5.13	37.0	6.40	42.2	7.76
	27	16.6	2.48	20.7	3.17	26.2	4.25	28.9	4.84	31.6	5.47	37.0	6.84	42.2	8.30
	29	16.6	2.63	20.7	3.37	26.2	4.52	28.9	5.16	31.6	5.83	37.0	7.30	42.2	8.88
	31	16.6	2.78	20.7	3.58	26.2	4.81	28.9	5.49	31.6	6.22	37.0	7.79	41.7	9.28
	33	16.6	2.95	20.7	3.79	26.2	5.12	28.9	5.84	31.6	6.62	37.0	8.31	41.1	9.63
	35	16.6	3.12	20.7	4.02	26.2	5.44	28.9	6.21	31.6	7.05	37.0	8.85	40.4	9.98
	37	16.6	3.29	20.7	4.26	26.2	5.77	28.9	6.60	31.6	7.50	37.0	9.43	39.8	10.3
	39	16.6	3.48	20.7	4.51	26.2	6.13	28.9	7.02	31.6	7.97	37.0	10.0	39.1	10.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (280)	10	14.7	1.92	18.4	2.33	23.3	2.94	25.7	3.25	28.1	3.58	32.9	4.26	37.5	4.94
	12	14.7	1.95	18.4	2.37	23.3	2.99	25.7	3.31	28.1	3.64	32.9	4.33	37.5	5.03
	14	14.7	1.97	18.4	2.40	23.3	3.04	25.7	3.37	28.1	3.71	32.9	4.42	37.5	5.13
	16	14.7	2.00	18.4	2.44	23.3	3.09	25.7	3.43	28.1	3.78	32.9	4.50	37.5	5.23
	18	14.7	2.03	18.4	2.48	23.3	3.14	25.7	3.49	28.1	3.85	32.9	4.59	37.5	5.33
	20	14.7	2.06	18.4	2.52	23.3	3.20	25.7	3.55	28.1	3.92	32.9	4.68	37.5	5.50
	21	14.7	2.08	18.4	2.54	23.3	3.23	25.7	3.59	28.1	3.96	32.9	4.73	37.5	5.69
	23	14.7	2.11	18.4	2.59	23.3	3.29	25.7	3.66	28.1	4.10	32.9	5.06	37.5	6.10
	25	14.7	2.14	18.4	2.63	23.3	3.44	25.7	3.89	28.1	4.37	32.9	5.41	37.5	6.52
	27	14.7	2.20	18.4	2.77	23.3	3.66	25.7	4.15	28.1	4.66	32.9	5.78	37.5	6.97
	29	14.7	2.33	18.4	2.94	23.3	3.89	25.7	4.41	28.1	4.97	32.9	6.16	37.5	7.45
	31	14.7	2.46	18.4	3.12	23.3	4.14	25.7	4.69	28.1	5.29	32.9	6.57	37.5	7.95
	33	14.7	2.60	18.4	3.30	23.3	4.39	25.7	4.99	28.1	5.62	32.9	7.00	37.5	8.47
	35	14.7	2.75	18.4	3.50	23.3	4.66	25.7	5.30	28.1	5.98	32.9	7.45	37.5	9.03
	37	14.7	2.90	18.4	3.70	23.3	4.95	25.7	5.63	28.1	6.36	32.9	7.93	37.5	9.62
	39	14.7	3.06	18.4	3.92	23.3	5.25	25.7	5.97	28.1	6.75	32.9	8.44	37.5	10.3
70% (245)	10	12.9	1.73	16.1	2.07	20.4	2.57	22.5	2.83	24.6	3.11	28.8	3.67	32.8	4.25
	12	12.9	1.75	16.1	2.10	20.4	2.61	22.5	2.88	24.6	3.16	28.8	3.74	32.8	4.32
	14	12.9	1.77	16.1	2.13	20.4	2.65	22.5	2.93	24.6	3.21	28.8	3.81	32.8	4.40
	16	12.9	1.79	16.1	2.16	20.4	2.70	22.5	2.98	24.6	3.27	28.8	3.88	32.8	4.49
	18	12.9	1.82	16.1	2.19	20.4	2.74	22.5	3.03	24.6	3.33	28.8	3.95	32.8	4.58
	20	12.9	1.84	16.1	2.23	20.4	2.79	22.5	3.09	24.6	3.39	28.8	4.03	32.8	4.67
	21	12.9	1.86	16.1	2.25	20.4	2.82	22.5	3.11	24.6	3.42	28.8	4.06	32.8	4.72
	23	12.9	1.88	16.1	2.28	20.4	2.87	22.5	3.17	24.6	3.49	28.8	4.23	32.8	5.05
	25	12.9	1.91	16.1	2.32	20.4	2.93	22.5	3.30	24.6	3.68	28.8	4.51	32.8	5.40
	27	12.9	1.94	16.1	2.40	20.4	3.12	22.5	3.51	24.6	3.92	28.8	4.81	32.8	5.76
	29	12.9	2.05	16.1	2.55	20.4	3.31	22.5	3.73	24.6	4.17	28.8	5.13	32.8	6.15
	31	12.9	2.16	16.1	2.69	20.4	3.52	22.5	3.96	24.6	4.44	28.8	5.46	32.8	6.55
	33	12.9	2.28	16.1	2.85	20.4	3.73	22.5	4.21	24.6	4.71	28.8	5.81	32.8	6.98
	35	12.9	2.41	16.1	3.01	20.4	3.95	22.5	4.46	24.6	5.01	28.8	6.18	32.8	7.43
	37	12.9	2.54	16.1	3.18	20.4	4.19	22.5	4.73	24.6	5.31	28.8	6.57	32.8	7.91
	39	12.9	2.67	16.1	3.36	20.4	4.43	22.5	5.02	24.6	5.64	28.8	6.98	32.8	8.41
60% (210)	10	11.1	1.54	13.8	1.82	17.5	2.23	19.3	2.44	21.1	2.66	24.7	3.12	28.1	3.58
	12	11.1	1.56	13.8	1.84	17.5	2.26	19.3	2.48	21.1	2.70	24.7	3.17	28.1	3.65
	14	11.1	1.58	13.8	1.87	17.5	2.29	19.3	2.52	21.1	2.75	24.7	3.22	28.1	3.71
	16	11.1	1.60	13.8	1.89	17.5	2.33	19.3	2.56	21.1	2.79	24.7	3.28	28.1	3.78
	18	11.1	1.62	13.8	1.92	17.5	2.37	19.3	2.60	21.1	2.84	24.7	3.34	28.1	3.85
	20	11.1	1.64	13.8	1.95	17.5	2.40	19.3	2.64	21.1	2.89	24.7	3.40	28.1	3.93
	21	11.1	1.65	13.8	1.96	17.5	2.42	19.3	2.66	21.1	2.92	24.7	3.43	28.1	3.96
	23	11.1	1.67	13.8	1.99	17.5	2.46	19.3	2.71	21.1	2.97	24.7	3.50	28.1	4.10
	25	11.1	1.69	13.8	2.02	17.5	2.51	19.3	2.76	21.1	3.05	24.7	3.70	28.1	4.38
	27	11.1	1.72	13.8	2.06	17.5	2.62	19.3	2.93	21.1	3.25	24.7	3.94	28.1	4.67
	29	11.1	1.78	13.8	2.18	17.5	2.78	19.3	3.11	21.1	3.45	24.7	4.19	28.1	4.97
	31	11.1	1.88	13.8	2.30	17.5	2.95	19.3	3.29	21.1	3.66	24.7	4.45	28.1	5.29
	33	11.1	1.98	13.8	2.43	17.5	3.12	19.3	3.49	21.1	3.89	24.7	4.73	28.1	5.63
	35	11.1	2.09	13.8	2.57	17.5	3.30	19.3	3.70	21.1	4.12	24.7	5.03	28.1	5.99
	37	11.1	2.20	13.8	2.71	17.5	3.49	19.3	3.92	21.1	4.37	24.7	5.33	28.1	6.36
	39	11.1	2.31	13.8	2.86	17.5	3.69	19.3	4.14	21.1	4.63	24.7	5.66	28.1	6.76
50% (175)	10	9.21	1.37	11.5	1.58	14.6	1.90	16.1	2.07	17.6	2.24	20.6	2.59	23.5	2.96
	12	9.21	1.38	11.5	1.60	14.6	1.93	16.1	2.10	17.6	2.27	20.6	2.64	23.5	3.01
	14	9.21	1.40	11.5	1.62	14.6	1.95	16.1	2.13	17.6	2.31	20.6	2.68	23.5	3.06
	16	9.21	1.41	11.5	1.64	14.6	1.98	16.1	2.16	17.6	2.34	20.6	2.72	23.5	3.11
	18	9.21	1.43	11.5	1.66	14.6	2.01	16.1	2.19	17.6	2.38	20.6	2.77	23.5	3.17
	20	9.21	1.44	11.5	1.68	14.6	2.04	16.1	2.23	17.6	2.42	20.6	2.82	23.5	3.22
	21	9.21	1.45	11.5	1.70	14.6	2.06	16.1	2.24	17.6	2.44	20.6	2.84	23.5	3.25
	23	9.21	1.47	11.5	1.72	14.6	2.09	16.1	2.28	17.6	2.48	20.6	2.89	23.5	3.32
	25	9.21	1.49	11.5	1.74	14.6	2.12	16.1	2.32	17.6	2.52	20.6	2.97	23.5	3.47
	27	9.21	1.50	11.5	1.77	14.6	2.17	16.1	2.40	17.6	2.64	20.6	3.15	23.5	3.69
	29	9.21	1.54	11.5	1.84	14.6	2.30	16.1	2.54	17.6	2.80	20.6	3.35	23.5	3.93
	31	9.21	1.62	11.5	1.94	14.6	2.43	16.1	2.69	17.6	2.97	20.6	3.55	23.5	4.17
	33	9.21	1.71	11.5	2.05	14.6	2.57	16.1	2.85	17.6	3.14	20.6	3.77	23.5	4.43
	35	9.21	1.79	11.5	2.16	14.6	2.71	16.1	3.01	17.6	3.32	20.6	4.00	23.5	4.71
	37	9.21	1.88	11.5	2.27	14.6	2.86	16.1	3.18	17.6	3.52	20.6	4.23	23.5	4.99
	39	9.21	1.98	11.5	2.39	14.6	3.02	16.1	3.36	17.6	3.72	20.6	4.48	23.5	5.29

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ14TY1 Cooling capacity (Capacity correction factor: 0.85) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (455)	10	22.6	2.85	28.2	3.59	35.7	4.67	39.4	5.23	43.2	5.81	50.1	6.87	51.4	6.58
	12	22.6	2.90	28.2	3.65	35.7	4.76	39.4	5.33	43.2	5.91	49.4	6.83	50.8	6.54
	14	22.6	2.95	28.2	3.72	35.7	4.85	39.4	5.43	43.2	6.03	48.8	6.80	50.1	6.50
	16	22.6	3.00	28.2	3.79	35.7	4.94	39.4	5.54	43.2	6.15	48.1	6.78	49.5	6.85
	18	22.6	3.05	28.2	3.86	35.7	5.04	39.4	5.65	43.2	6.28	47.5	7.12	48.8	7.20
	20	22.6	3.10	28.2	3.93	35.7	5.14	39.4	5.91	43.2	6.74	46.8	7.47	48.2	7.55
	21	22.6	3.13	28.2	3.97	35.7	5.31	39.4	6.12	43.2	6.99	46.5	7.65	47.8	7.73
	23	22.6	3.19	28.2	4.11	35.7	5.69	39.4	6.56	43.2	7.49	45.9	7.99	47.2	8.08
	25	22.6	3.32	28.2	4.39	35.7	6.08	39.4	7.02	43.2	8.02	45.2	8.35	46.5	8.44
	27	22.6	3.53	28.2	4.68	35.7	6.50	39.4	7.50	43.2	8.58	44.6	8.70	45.9	8.79
	29	22.6	3.76	28.2	4.99	35.7	6.94	39.4	8.02	42.5	8.94	43.9	9.05	45.2	9.15
	31	22.6	3.99	28.2	5.31	35.7	7.40	39.4	8.56	41.9	9.29	43.3	9.40	44.6	9.51
	33	22.6	4.24	28.2	5.65	35.7	7.89	39.4	9.13	41.2	9.64	42.6	9.76	43.9	9.87
	35	22.6	4.49	28.2	6.00	35.7	8.40	39.4	9.73	40.6	9.99	42.0	10.1	43.3	10.2
	37	22.6	4.77	28.2	6.38	35.7	8.95	39.2	10.3	39.9	10.3	41.3	10.5	42.6	10.6
	39	22.6	5.05	28.2	6.78	35.7	9.53	38.6	10.6	39.3	10.7	40.7	10.8	42.0	11.0
120% (420)	10	20.9	2.63	26.0	3.30	33.0	4.27	36.4	4.77	39.8	5.29	46.6	6.35	50.6	6.76
	12	20.9	2.68	26.0	3.35	33.0	4.35	36.4	4.86	39.8	5.39	46.6	6.47	49.9	6.72
	14	20.9	2.72	26.0	3.41	33.0	4.43	36.4	4.95	39.8	5.49	46.6	6.59	49.3	6.69
	16	20.9	2.76	26.0	3.47	33.0	4.51	36.4	5.05	39.8	5.60	46.6	6.72	48.6	6.80
	18	20.9	2.81	26.0	3.54	33.0	4.60	36.4	5.15	39.8	5.71	46.6	7.04	48.0	7.15
	20	20.9	2.86	26.0	3.60	33.0	4.69	36.4	5.27	39.8	5.99	46.1	7.43	47.3	7.50
	21	20.9	2.89	26.0	3.64	33.0	4.75	36.4	5.45	39.8	6.21	45.8	7.60	47.0	7.68
	23	20.9	2.94	26.0	3.71	33.0	5.08	36.4	5.84	39.8	6.65	45.1	7.95	46.4	8.03
	25	20.9	3.02	26.0	3.96	33.0	5.43	36.4	6.25	39.8	7.12	44.5	8.30	45.7	8.38
	27	20.9	3.21	26.0	4.22	33.0	5.80	36.4	6.67	39.8	7.61	43.8	8.64	45.1	8.73
	29	20.9	3.41	26.0	4.49	33.0	6.19	36.4	7.13	39.8	8.13	43.2	8.99	44.4	9.09
	31	20.9	3.62	26.0	4.77	33.0	6.60	36.4	7.60	39.8	8.68	42.5	9.35	43.8	9.44
	33	20.9	3.84	26.0	5.07	33.0	7.03	36.4	8.10	39.8	9.26	41.9	9.70	43.1	9.80
	35	20.9	4.07	26.0	5.39	33.0	7.48	36.4	8.64	39.8	9.88	41.2	10.1	42.5	10.2
	37	20.9	4.31	26.0	5.72	33.0	7.96	36.4	9.20	39.3	10.3	40.6	10.4	41.8	10.5
	39	20.9	4.57	26.0	6.08	33.0	8.47	36.4	9.80	38.7	10.6	39.9	10.8	41.2	10.9
110% (385)	10	19.1	2.42	23.9	3.01	30.2	3.88	33.4	4.32	36.5	4.79	42.7	5.74	48.7	6.68
	12	19.1	2.46	23.9	3.06	30.2	3.95	33.4	4.40	36.5	4.88	42.7	5.85	48.7	6.81
	14	19.1	2.50	23.9	3.11	30.2	4.02	33.4	4.49	36.5	4.97	42.7	5.96	48.5	6.87
	16	19.1	2.54	23.9	3.17	30.2	4.09	33.4	4.57	36.5	5.07	42.7	6.08	47.8	6.84
	18	19.1	2.58	23.9	3.22	30.2	4.17	33.4	4.66	36.5	5.17	42.7	6.20	47.2	7.11
	20	19.1	2.62	23.9	3.28	30.2	4.25	33.4	4.75	36.5	5.29	42.7	6.65	46.5	7.45
	21	19.1	2.65	23.9	3.31	30.2	4.29	33.4	4.83	36.5	5.48	42.7	6.88	46.2	7.63
	23	19.1	2.69	23.9	3.38	30.2	4.51	33.4	5.16	36.5	5.86	42.7	7.38	45.5	7.97
	25	19.1	2.74	23.9	3.55	30.2	4.82	33.4	5.52	36.5	6.27	42.7	7.91	44.9	8.32
	27	19.1	2.90	23.9	3.77	30.2	5.14	33.4	5.89	36.5	6.70	42.7	8.46	44.2	8.67
	29	19.1	3.08	23.9	4.01	30.2	5.48	33.4	6.29	36.5	7.16	42.5	8.94	43.6	9.02
	31	19.1	3.27	23.9	4.27	30.2	5.84	33.4	6.70	36.5	7.63	41.8	9.29	42.9	9.38
	33	19.1	3.46	23.9	4.53	30.2	6.22	33.4	7.14	36.5	8.14	41.2	9.64	42.3	9.73
	35	19.1	3.67	23.9	4.81	30.2	6.61	33.4	7.61	36.5	8.67	40.5	9.99	41.6	10.1
	37	19.1	3.88	23.9	5.11	30.2	7.03	33.4	8.10	36.5	9.24	39.9	10.3	41.0	10.4
	39	19.1	4.11	23.9	5.42	30.2	7.48	33.4	8.62	36.5	9.84	39.2	10.7	40.3	10.8
100% (350)	10	17.4	2.22	21.7	2.73	27.5	3.49	30.3	3.89	33.2	4.30	38.8	5.14	44.3	5.98
	12	17.4	2.25	21.7	2.78	27.5	3.55	30.3	3.96	33.2	4.38	38.8	5.24	44.3	6.10
	14	17.4	2.29	21.7	2.82	27.5	3.62	30.3	4.03	33.2	4.46	38.8	5.34	44.3	6.21
	16	17.4	2.32	21.7	2.87	27.5	3.68	30.3	4.11	33.2	4.54	38.8	5.44	44.3	6.34
	18	17.4	2.36	21.7	2.92	27.5	3.75	30.3	4.19	33.2	4.63	38.8	5.55	44.3	6.52
	20	17.4	2.40	21.7	2.97	27.5	3.83	30.3	4.27	33.2	4.72	38.8	5.78	44.3	7.01
	21	17.4	2.42	21.7	3.00	27.5	3.86	30.3	4.31	33.2	4.79	38.8	5.98	44.3	7.27
	23	17.4	2.46	21.7	3.06	27.5	3.98	30.3	4.53	33.2	5.13	38.8	6.41	44.3	7.79
	25	17.4	2.50	21.7	3.16	27.5	4.25	30.3	4.84	33.2	5.48	38.8	6.86	44.1	8.27
	27	17.4	2.61	21.7	3.36	27.5	4.53	30.3	5.17	33.2	5.85	38.8	7.34	43.4	8.61
	29	17.4	2.77	21.7	3.57	27.5	4.82	30.3	5.51	33.2	6.24	38.8	7.84	42.8	8.96
	31	17.4	2.93	21.7	3.79	27.5	5.13	30.3	5.87	33.2	6.65	38.8	8.36	42.1	9.31
	33	17.4	3.11	21.7	4.02	27.5	5.46	30.3	6.24	33.2	7.09	38.8	8.92	41.5	9.66
	35	17.4	3.29	21.7	4.27	27.5	5.80	30.3	6.64	33.2	7.55	38.8	9.51	40.8	10.0
	37	17.4	3.48	21.7	4.52	27.5	6.16	30.3	7.07	33.2	8.03	38.8	10.1	40.2	10.4
	39	17.4	3.68	21.7	4.79	27.5	6.55	30.3	7.51	33.2	8.55	38.5	10.6	39.5	10.7
90% (315)	10	15.7	2.02	19.5	2.47	24.7	3.13	27.3	3.47	29.9	3.82	35.0	4.56	39.9	5.30
	12	15.7	2.05	19.5	2.51	24.7	3.18	27.3	3.53	29.9	3.89	35.0	4.64	39.9	5.40
	14	15.7	2.08	19.5	2.55	24.7	3.23	27.3	3.59	29.9	3.96	35.0	4.73	39.9	5.50
	16	15.7	2.11	19.5	2.59	24.7	3.29	27.3	3.66	29.9	4.04	35.0	4.82	39.9	5.61
	18	15.7	2.14	19.5	2.63	24.7	3.35	27.3	3.73	29.9	4.11	35.0	4.92	39.9	5.72
	20	15.7	2.18	19.5	2.68	24.7	3.41	27.3	3.80	29.9	4.19	35.0	5.01	39.9	6.00
	21	15.7	2.19	19.5	2.70	24.7	3.44	27.3	3.83	29.9	4.24	35.0	5.15	39.9	6.22
	23	15.7	2.23	19.5	2.75	24.7	3.51	27.3	3.94	29.9	4.44	35.0	5.51	39.9	6.66
	25	15.7	2.26	19.5	2.80	24.7	3.71	27.3	4.21	29.9	4.74	35.0	5.89	39.9	7.13
	27	15.7	2.34	19.5	2.97	24.7	3.95	27.3	4.49	29.9	5.06	35.0	6.30	39.9	7.62
	29	15.7	2.48	19.5	3.15	24.7	4.20	27.3	4.78	29.9	5.39	35.0	6.72	39.9	8.15
	31	15.7	2.62	19.5	3.34	24.7	4.47	27.3	5.08	29.9	5.74	35.0	7.17	39.9	8.70
	33	15.7	2.77	19.5	3.54	24.7	4.75	27.3	5.41	29.9	6.11	35.0	7.64	39.9	9.28
	35	15.7	2.93	19.5	3.75	24.7	5.04	27.3	5.75	29.9	6.50	35.0	8.14	39.9	9.89
	37	15.7	3.09	19.5	3.98	24.7	5.35	27.3	6.11	29.9	6.91	35.0	8.66	39.3	10.3
	39	15.7	3.27	19.5	4.21	24.7	5.68	27.3	6.49	29.9	7.35	35.0	9.22	38.7	10.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (280)	10	13.9	1.83	17.4	2.21	22.0	2.77	24.3	3.06	26.6	3.37	31.1	3.99	35.4	4.63
	12	13.9	1.86	17.4	2.25	22.0	2.82	24.3	3.12	26.6	3.42	31.1	4.07	35.4	4.71
	14	13.9	1.88	17.4	2.28	22.0	2.86	24.3	3.17	26.6	3.49	31.1	4.14	35.4	4.80
	16	13.9	1.91	17.4	2.31	22.0	2.91	24.3	3.22	26.6	3.55	31.1	4.22	35.4	4.90
	18	13.9	1.94	17.4	2.35	22.0	2.96	24.3	3.28	26.6	3.61	31.1	4.30	35.4	4.99
	20	13.9	1.96	17.4	2.39	22.0	3.02	24.3	3.34	26.6	3.68	31.1	4.38	35.4	5.09
	21	13.9	1.98	17.4	2.41	22.0	3.04	24.3	3.37	26.6	3.72	31.1	4.43	35.4	5.25
	23	13.9	2.01	17.4	2.45	22.0	3.10	24.3	3.44	26.6	3.80	31.1	4.68	35.4	5.62
	25	13.9	2.04	17.4	2.49	22.0	3.21	24.3	3.62	26.6	4.06	31.1	5.00	35.4	6.01
	27	13.9	2.08	17.4	2.60	22.0	3.42	24.3	3.86	26.6	4.33	31.1	5.34	35.4	6.42
	29	13.9	2.20	17.4	2.76	22.0	3.63	24.3	4.10	26.6	4.61	31.1	5.69	35.4	6.85
	31	13.9	2.33	17.4	2.93	22.0	3.85	24.3	4.36	26.6	4.90	31.1	6.06	35.4	7.31
	33	13.9	2.46	17.4	3.10	22.0	4.09	24.3	4.63	26.6	5.21	31.1	6.46	35.4	7.79
	35	13.9	2.59	17.4	3.28	22.0	4.34	24.3	4.92	26.6	5.54	31.1	6.87	35.4	8.30
	37	13.9	2.74	17.4	3.47	22.0	4.60	24.3	5.22	26.6	5.88	31.1	7.31	35.4	8.84
	39	13.9	2.89	17.4	3.67	22.0	4.88	24.3	5.54	26.6	6.24	31.1	7.77	35.4	9.41
70% (245)	10	12.2	1.65	15.2	1.97	19.2	2.43	21.2	2.68	23.2	2.93	27.2	3.45	31.0	3.98
	12	12.2	1.67	15.2	2.00	19.2	2.47	21.2	2.72	23.2	2.98	27.2	3.51	31.0	4.06
	14	12.2	1.69	15.2	2.03	19.2	2.51	21.2	2.77	23.2	3.03	27.2	3.58	31.0	4.13
	16	12.2	1.72	15.2	2.05	19.2	2.55	21.2	2.81	23.2	3.08	27.2	3.64	31.0	4.21
	18	12.2	1.74	15.2	2.09	19.2	2.59	21.2	2.86	23.2	3.14	27.2	3.71	31.0	4.29
	20	12.2	1.76	15.2	2.12	19.2	2.64	21.2	2.91	23.2	3.19	27.2	3.78	31.0	4.37
	21	12.2	1.77	15.2	2.13	19.2	2.66	21.2	2.94	23.2	3.22	27.2	3.82	31.0	4.42
	23	12.2	1.80	15.2	2.17	19.2	2.71	21.2	2.99	23.2	3.28	27.2	3.92	31.0	4.67
	25	12.2	1.83	15.2	2.20	19.2	2.76	21.2	3.08	23.2	3.43	27.2	4.19	31.0	4.99
	27	12.2	1.85	15.2	2.27	19.2	2.92	21.2	3.28	23.2	3.65	27.2	4.46	31.0	5.32
	29	12.2	1.94	15.2	2.40	19.2	3.10	21.2	3.48	23.2	3.88	27.2	4.75	31.0	5.67
	31	12.2	2.05	15.2	2.54	19.2	3.29	21.2	3.69	23.2	4.13	27.2	5.06	31.0	6.05
	33	12.2	2.16	15.2	2.68	19.2	3.49	21.2	3.92	23.2	4.38	27.2	5.38	31.0	6.44
	35	12.2	2.28	15.2	2.84	19.2	3.69	21.2	4.16	23.2	4.65	27.2	5.72	31.0	6.85
	37	12.2	2.40	15.2	2.99	19.2	3.91	21.2	4.40	23.2	4.93	27.2	6.07	31.0	7.29
	39	12.2	2.53	15.2	3.16	19.2	4.14	21.2	4.67	23.2	5.23	27.2	6.45	31.0	7.75
60% (210)	10	10.4	1.48	13.0	1.74	16.5	2.12	18.2	2.31	19.9	2.52	23.3	2.94	26.6	3.37
	12	10.4	1.50	13.0	1.76	16.5	2.15	18.2	2.35	19.9	2.56	23.3	2.99	26.6	3.43
	14	10.4	1.52	13.0	1.78	16.5	2.18	18.2	2.38	19.9	2.60	23.3	3.04	26.6	3.49
	16	10.4	1.53	13.0	1.81	16.5	2.21	18.2	2.42	19.9	2.64	23.3	3.09	26.6	3.55
	18	10.4	1.55	13.0	1.83	16.5	2.24	18.2	2.46	19.9	2.68	23.3	3.15	26.6	3.62
	20	10.4	1.57	13.0	1.86	16.5	2.28	18.2	2.50	19.9	2.73	23.3	3.20	26.6	3.69
	21	10.4	1.58	13.0	1.87	16.5	2.30	18.2	2.52	19.9	2.75	23.3	3.23	26.6	3.72
	23	10.4	1.60	13.0	1.90	16.5	2.34	18.2	2.56	19.9	2.80	23.3	3.29	26.6	3.81
	25	10.4	1.62	13.0	1.93	16.5	2.38	18.2	2.61	19.9	2.86	23.3	3.44	26.6	4.06
	27	10.4	1.64	13.0	1.96	16.5	2.47	18.2	2.74	19.9	3.04	23.3	3.67	26.6	4.33
	29	10.4	1.70	13.0	2.06	16.5	2.61	18.2	2.91	19.9	3.23	23.3	3.90	26.6	4.61
	31	10.4	1.79	13.0	2.18	16.5	2.77	18.2	3.09	19.9	3.42	23.3	4.14	26.6	4.91
	33	10.4	1.89	13.0	2.30	16.5	2.93	18.2	3.27	19.9	3.63	23.3	4.40	26.6	5.22
	35	10.4	1.99	13.0	2.43	16.5	3.10	18.2	3.46	19.9	3.85	23.3	4.67	26.6	5.54
	37	10.4	2.09	13.0	2.56	16.5	3.28	18.2	3.66	19.9	4.07	23.3	4.95	26.6	5.89
	39	10.4	2.20	13.0	2.70	16.5	3.46	18.2	3.87	19.9	4.31	23.3	5.25	26.6	6.25
50% (175)	10	8.70	1.32	10.8	1.52	13.7	1.82	15.2	1.97	16.6	2.13	19.4	2.46	22.2	2.79
	12	8.70	1.33	10.8	1.54	13.7	1.84	15.2	2.00	16.6	2.16	19.4	2.49	22.2	2.84
	14	8.70	1.35	10.8	1.56	13.7	1.86	15.2	2.02	16.6	2.19	19.4	2.53	22.2	2.88
	16	8.70	1.36	10.8	1.58	13.7	1.89	15.2	2.05	16.6	2.22	19.4	2.57	22.2	2.93
	18	8.70	1.37	10.8	1.59	13.7	1.92	15.2	2.08	16.6	2.26	19.4	2.62	22.2	2.98
	20	8.70	1.39	10.8	1.61	13.7	1.94	15.2	2.11	16.6	2.29	19.4	2.66	22.2	3.04
	21	8.70	1.40	10.8	1.63	13.7	1.96	15.2	2.13	16.6	2.31	19.4	2.69	22.2	3.07
	23	8.70	1.41	10.8	1.65	13.7	1.99	15.2	2.17	16.6	2.35	19.4	2.73	22.2	3.12
	25	8.70	1.43	10.8	1.67	13.7	2.02	15.2	2.20	16.6	2.39	19.4	2.78	22.2	3.24
	27	8.70	1.45	10.8	1.69	13.7	2.05	15.2	2.26	16.6	2.48	19.4	2.95	22.2	3.44
	29	8.70	1.48	10.8	1.76	13.7	2.17	15.2	2.40	16.6	2.63	19.4	3.13	22.2	3.66
	31	8.70	1.55	10.8	1.85	13.7	2.30	15.2	2.54	16.6	2.79	19.4	3.32	22.2	3.89
	33	8.70	1.63	10.8	1.95	13.7	2.43	15.2	2.68	16.6	2.95	19.4	3.52	22.2	4.13
	35	8.70	1.72	10.8	2.05	13.7	2.56	15.2	2.83	16.6	3.12	19.4	3.73	22.2	4.38
	37	8.70	1.80	10.8	2.16	13.7	2.70	15.2	2.99	16.6	3.30	19.4	3.95	22.2	4.64
	39	8.70	1.89	10.8	2.27	13.7	2.85	15.2	3.16	16.6	3.48	19.4	4.18	22.2	4.92

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When only Residential indoor units or *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ16TY1 Cooling capacity (Capacity correction factor: 1.0) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	10	29.9	4.02	37.3	5.12	47.3	6.72	52.2	7.53	56.4	8.17	58.2	7.75	60.0	7.33
	12	29.9	4.09	37.3	5.22	47.3	6.85	52.2	7.67	55.7	8.14	57.5	7.70	59.3	7.44
	14	29.9	4.17	37.3	5.32	47.3	6.98	52.2	7.82	55.0	8.09	56.8	7.77	58.5	7.86
	16	29.9	4.24	37.3	5.42	47.3	7.11	52.2	7.97	54.2	8.09	56.0	8.19	57.8	8.28
	18	29.9	4.32	37.3	5.52	47.3	7.25	52.2	8.34	53.5	8.50	55.3	8.61	57.1	8.71
	20	29.9	4.40	37.3	5.63	47.3	7.74	51.8	8.86	52.8	8.92	54.6	9.03	56.3	9.14
	21	29.9	4.44	37.3	5.71	47.3	8.02	51.5	9.06	52.4	9.12	54.2	9.24	56.0	9.35
	23	29.9	4.55	37.3	6.11	47.3	8.59	50.7	9.48	51.7	9.54	53.5	9.66	55.2	9.78
	25	29.9	4.85	37.3	6.53	47.3	9.20	50.0	9.89	50.9	9.96	52.7	10.1	54.5	10.2
	27	29.9	5.17	37.3	6.97	47.3	9.84	49.3	10.3	50.2	10.4	52.0	10.5	53.8	10.7
	29	29.9	5.51	37.3	7.44	47.3	10.5	48.5	10.7	49.5	10.8	51.3	10.9	53.0	11.1
	31	29.9	5.86	37.3	7.93	46.9	11.1	47.8	11.1	48.7	11.2	50.6	11.4	52.3	11.5
	33	29.9	6.23	37.3	8.45	46.2	11.5	47.1	11.6	48.0	11.6	49.8	11.8	51.6	12.0
	35	29.9	6.62	37.3	8.99	45.4	11.9	46.3	12.0	47.3	12.1	49.1	12.2	50.8	12.4
	37	29.9	7.03	37.3	9.57	44.7	12.3	45.6	12.4	46.5	12.5	48.4	12.7	50.1	12.9
	39	29.9	7.47	37.3	10.2	44.0	12.7	44.9	12.8	45.8	12.9	47.6	13.1	49.4	13.3
120% (480)	10	27.6	3.70	34.5	4.69	43.7	6.13	48.2	6.86	52.7	7.62	57.3	7.98	58.9	7.60
	12	27.6	3.76	34.5	4.77	43.7	6.24	48.2	6.99	52.7	7.76	56.5	7.93	58.2	7.54
	14	27.6	3.83	34.5	4.86	43.7	6.36	48.2	7.13	52.7	7.91	55.8	7.89	57.4	7.80
	16	27.6	3.89	34.5	4.95	43.7	6.48	48.2	7.27	52.7	8.07	55.1	8.13	56.7	8.22
	18	27.6	3.97	34.5	5.04	43.7	6.61	48.2	7.41	52.7	8.45	54.3	8.55	56.0	8.65
	20	27.6	4.04	34.5	5.14	43.7	6.88	48.2	7.95	51.9	8.86	53.6	8.97	55.2	9.07
	21	27.6	4.08	34.5	5.19	43.7	7.13	48.2	8.24	51.6	9.07	53.2	9.18	54.9	9.28
	23	27.6	4.15	34.5	5.47	43.7	7.64	48.2	8.83	50.8	9.48	52.5	9.60	54.1	9.71
	25	27.6	4.38	34.5	5.85	43.7	8.17	48.2	9.46	50.1	9.90	51.8	10.0	53.4	10.1
	27	27.6	4.67	34.5	6.24	43.7	8.74	48.2	10.1	49.4	10.3	51.1	10.4	52.7	10.6
	29	27.6	4.97	34.5	6.65	43.7	9.33	47.8	10.7	48.6	10.7	50.3	10.9	51.9	11.0
	31	27.6	5.28	34.5	7.09	43.7	9.96	47.1	11.1	47.9	11.2	49.6	11.3	51.2	11.4
	33	27.6	5.61	34.5	7.54	43.7	10.6	46.3	11.5	47.2	11.6	48.9	11.7	50.5	11.9
	35	27.6	5.96	34.5	8.03	43.7	11.3	45.6	11.9	46.4	12.0	48.1	12.2	49.7	12.3
	37	27.6	6.32	34.5	8.54	43.7	12.1	44.9	12.3	45.7	12.4	47.4	12.6	49.0	12.8
	39	27.6	6.71	34.5	9.08	43.3	12.7	44.1	12.8	45.0	12.8	46.7	13.0	48.3	13.2
110% (440)	10	25.3	3.38	31.6	4.26	40.0	5.55	44.2	6.21	48.3	6.89	56.3	8.20	57.8	7.85
	12	25.3	3.44	31.6	4.34	40.0	5.65	44.2	6.32	48.3	7.02	55.6	8.16	57.1	7.81
	14	25.3	3.50	31.6	4.41	40.0	5.75	44.2	6.45	48.3	7.15	54.8	8.12	56.3	7.76
	16	25.3	3.56	31.6	4.50	40.0	5.87	44.2	6.57	48.3	7.29	54.1	8.08	55.6	8.16
	18	25.3	3.62	31.6	4.58	40.0	5.98	44.2	6.70	48.3	7.44	53.4	8.49	54.9	8.58
	20	25.3	3.69	31.6	4.67	40.0	6.10	44.2	7.00	48.3	7.99	52.7	8.91	54.1	9.00
	21	25.3	3.72	31.6	4.71	40.0	6.29	44.2	7.25	48.3	8.28	52.3	9.12	53.8	9.21
	23	25.3	3.79	31.6	4.88	40.0	6.74	44.2	7.77	48.3	8.87	51.6	9.53	53.0	9.63
	25	25.3	3.94	31.6	5.20	40.0	7.21	44.2	8.31	48.3	9.50	50.8	9.95	52.3	10.1
	27	25.3	4.19	31.6	5.55	40.0	7.70	44.2	8.89	48.3	10.2	50.1	10.4	51.6	10.5
	29	25.3	4.46	31.6	5.91	40.0	8.22	44.2	9.50	47.8	10.7	49.4	10.8	50.8	10.9
	31	25.3	4.73	31.6	6.29	40.0	8.77	44.2	10.1	47.1	11.1	48.6	11.2	50.1	11.3
	33	25.3	5.02	31.6	6.69	40.0	9.34	44.2	10.8	46.4	11.5	47.9	11.6	49.4	11.8
	35	25.3	5.33	31.6	7.12	40.0	9.96	44.2	11.5	45.6	11.9	47.2	12.1	48.6	12.2
	37	25.3	5.65	31.6	7.56	40.0	10.6	44.1	12.3	44.9	12.3	46.4	12.5	47.9	12.6
	39	25.3	5.99	31.6	8.04	40.0	11.3	43.4	12.7	44.2	12.8	45.7	12.9	47.2	13.1
100% (400)	10	23.0	3.08	28.7	3.85	36.4	4.98	40.2	5.57	43.9	6.17	51.4	7.40	56.7	8.11
	12	23.0	3.13	28.7	3.92	36.4	5.07	40.2	5.67	43.9	6.29	51.4	7.54	56.0	8.07
	14	23.0	3.18	28.7	3.98	36.4	5.17	40.2	5.78	43.9	6.41	51.4	7.68	55.2	8.03
	16	23.0	3.23	28.7	4.06	36.4	5.26	40.2	5.89	43.9	6.53	51.4	7.83	54.5	8.10
	18	23.0	3.29	28.7	4.13	36.4	5.36	40.2	6.00	43.9	6.66	51.4	8.15	53.8	8.52
	20	23.0	3.34	28.7	4.21	36.4	5.47	40.2	6.12	43.9	6.94	51.4	8.77	53.0	8.93
	21	23.0	3.37	28.7	4.25	36.4	5.53	40.2	6.32	43.9	7.19	51.3	9.05	52.7	9.14
	23	23.0	3.43	28.7	4.33	36.4	5.90	40.2	6.77	43.9	7.71	50.6	9.47	51.9	9.56
	25	23.0	3.52	28.7	4.60	36.4	6.30	40.2	7.24	43.9	8.25	49.9	9.88	51.2	9.98
	27	23.0	3.74	28.7	4.90	36.4	6.73	40.2	7.74	43.9	8.82	49.1	10.3	50.5	10.4
	29	23.0	3.97	28.7	5.22	36.4	7.18	40.2	8.26	43.9	9.42	48.4	10.7	49.7	10.8
	31	23.0	4.22	28.7	5.55	36.4	7.65	40.2	8.81	43.9	10.1	47.7	11.1	49.0	11.2
	33	23.0	4.47	28.7	5.90	36.4	8.15	40.2	9.39	43.9	10.7	46.9	11.5	48.3	11.7
	35	23.0	4.74	28.7	6.26	36.4	8.67	40.2	10.0	43.9	11.4	46.2	12.0	47.6	12.1
	37	23.0	5.02	28.7	6.65	36.4	9.23	40.2	10.7	43.9	12.2	45.5	12.4	46.8	12.5
	39	23.0	5.32	28.7	7.06	36.4	9.82	40.2	11.3	43.3	12.7	44.7	12.8	46.1	13.0
90% (360)	10	20.7	2.79	25.8	3.45	32.8	4.43	36.1	4.94	39.5	5.47	46.3	6.55	52.8	7.63
	12	20.7	2.83	25.8	3.51	32.8	4.51	36.1	5.03	39.5	5.57	46.3	6.67	52.8	7.77
	14	20.7	2.87	25.8	3.57	32.8	4.59	36.1	5.13	39.5	5.68	46.3	6.80	52.8	7.92
	16	20.7	2.92	25.8	3.63	32.8	4.68	36.1	5.22	39.5	5.78	46.3	6.93	52.8	8.07
	18	20.7	2.97	25.8	3.70	32.8	4.77	36.1	5.32	39.5	5.90	46.3	7.07	52.7	8.45
	20	20.7	3.02	25.8	3.76	32.8	4.86	36.1	5.43	39.5	6.02	46.3	7.49	51.9	8.86
	21	20.7	3.04	25.8	3.80	32.8	4.91	36.1	5.48	39.5	6.19	46.3	7.76	51.6	9.07
	23	20.7	3.09	25.8	3.87	32.8	5.12	36.1	5.84	39.5	6.62	46.3	8.32	50.8	9.48
	25	20.7	3.15	25.8	4.03	32.8	5.46	36.1	6.24	39.5	7.08	46.3	8.91	50.1	9.90
	27	20.7	3.32	25.8	4.29	32.8	5.82	36.1	6.67	39.5	7.57	46.3	9.52	49.4	10.3
	29	20.7	3.52	25.8	4.57	32.8	6.21	36.1	7.11	39.5	8.08	46.3	10.2	48.7	10.7
	31	20.7	3.73	25.8	4.85	32.8	6.61	36.1	7.58	39.5	8.61	46.3	10.9	47.9	11.2
	33	20.7	3.95	25.8	5.15	32.8	7.03	36.1	8.07	39.5	9.18	46.0	11.5	47.2	11.6
	35	20.7	4.18	25.8	5.47	32.8	7.48	36.1	8.59	39.5	9.78	45.2	11.9	46.5	12.0
	37	20.7	4.43	25.8	5.80	32.8	7.95	36.1	9.14	39.5	10.4	44.5	12.3	45.7	12.4
	39	20.7	4.68	25.8	6.15	32.8	8.45	36.1	9.72	39.5	11.1	43.8	12.7	45.0	12.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (320)	10	18.4	2.51	23.0	3.07	29.1	3.91	32.1	4.34	35.1	4.79	41.1	5.72	46.9	6.65
	12	18.4	2.54	23.0	3.12	29.1	3.97	32.1	4.42	35.1	4.88	41.1	5.83	46.9	6.78
	14	18.4	2.58	23.0	3.17	29.1	4.04	32.1	4.50	35.1	4.97	41.1	5.94	46.9	6.91
	16	18.4	2.62	23.0	3.22	29.1	4.12	32.1	4.58	35.1	5.06	41.1	6.05	46.9	7.04
	18	18.4	2.66	23.0	3.28	29.1	4.19	32.1	4.67	35.1	5.16	41.1	6.17	46.9	7.18
	20	18.4	2.70	23.0	3.34	29.1	4.27	32.1	4.76	35.1	5.26	41.1	6.32	46.9	7.64
	21	18.4	2.72	23.0	3.37	29.1	4.31	32.1	4.80	35.1	5.31	41.1	6.54	46.9	7.92
	23	18.4	2.77	23.0	3.43	29.1	4.39	32.1	4.99	35.1	5.63	41.1	7.01	46.9	8.49
	25	18.4	2.81	23.0	3.51	29.1	4.68	32.1	5.32	35.1	6.01	41.1	7.49	46.9	9.09
	27	18.4	2.92	23.0	3.73	29.1	4.99	32.1	5.68	35.1	6.41	41.1	8.01	46.9	9.72
	29	18.4	3.09	23.0	3.96	29.1	5.31	32.1	6.05	35.1	6.84	41.1	8.55	46.9	10.4
	31	18.4	3.28	23.0	4.20	29.1	5.65	32.1	6.44	35.1	7.29	41.1	9.12	46.8	11.1
	33	18.4	3.47	23.0	4.46	29.1	6.00	32.1	6.85	35.1	7.76	41.1	9.73	46.1	11.5
	35	18.4	3.67	23.0	4.72	29.1	6.38	32.1	7.28	35.1	8.26	41.1	10.4	45.4	11.9
	37	18.4	3.88	23.0	5.01	29.1	6.77	32.1	7.74	35.1	8.78	41.1	11.0	44.6	12.3
	39	18.4	4.09	23.0	5.30	29.1	7.19	32.1	8.23	35.1	9.34	41.1	11.8	43.9	12.7
70% (280)	10	16.1	2.24	20.1	2.71	25.5	3.40	28.1	3.77	30.8	4.14	36.0	4.92	41.0	5.71
	12	16.1	2.27	20.1	2.75	25.5	3.46	28.1	3.83	30.8	4.21	36.0	5.01	41.0	5.81
	14	16.1	2.30	20.1	2.79	25.5	3.52	28.1	3.90	30.8	4.29	36.0	5.10	41.0	5.92
	16	16.1	2.33	20.1	2.84	25.5	3.58	28.1	3.97	30.8	4.37	36.0	5.20	41.0	6.04
	18	16.1	2.37	20.1	2.88	25.5	3.64	28.1	4.04	30.8	4.45	36.0	5.30	41.0	6.16
	20	16.1	2.40	20.1	2.93	25.5	3.71	28.1	4.11	30.8	4.53	36.0	5.40	41.0	6.30
	21	16.1	2.42	20.1	2.95	25.5	3.74	28.1	4.15	30.8	4.58	36.0	5.46	41.0	6.52
	23	16.1	2.46	20.1	3.00	25.5	3.81	28.1	4.23	30.8	4.71	36.0	5.81	41.0	6.98
	25	16.1	2.49	20.1	3.06	25.5	3.96	28.1	4.48	30.8	5.03	36.0	6.21	41.0	7.47
	27	16.1	2.55	20.1	3.21	25.5	4.22	28.1	4.77	30.8	5.36	36.0	6.63	41.0	7.98
	29	16.1	2.70	20.1	3.40	25.5	4.49	28.1	5.08	30.8	5.71	36.0	7.07	41.0	8.52
	31	16.1	2.85	20.1	3.60	25.5	4.76	28.1	5.40	30.8	6.07	36.0	7.53	41.0	9.09
	33	16.1	3.02	20.1	3.82	25.5	5.06	28.1	5.74	30.8	6.46	36.0	8.02	41.0	9.70
	35	16.1	3.18	20.1	4.04	25.5	5.37	28.1	6.09	30.8	6.86	36.0	8.54	41.0	10.3
	37	16.1	3.36	20.1	4.27	25.5	5.69	28.1	6.47	30.8	7.29	36.0	9.09	41.0	11.0
	39	16.1	3.55	20.1	4.52	25.5	6.03	28.1	6.86	30.8	7.75	36.0	9.66	41.0	11.7
60% (240)	10	13.8	1.98	17.2	2.37	21.8	2.93	24.1	3.22	26.4	3.52	30.9	4.16	35.2	4.80
	12	13.8	2.01	17.2	2.40	21.8	2.97	24.1	3.27	26.4	3.58	30.9	4.23	35.2	4.88
	14	13.8	2.03	17.2	2.43	21.8	3.02	24.1	3.33	26.4	3.64	30.9	4.30	35.2	4.97
	16	13.8	2.06	17.2	2.47	21.8	3.07	24.1	3.38	26.4	3.71	30.9	4.38	35.2	5.07
	18	13.8	2.09	17.2	2.51	21.8	3.12	24.1	3.44	26.4	3.77	30.9	4.46	35.2	5.16
	20	13.8	2.12	17.2	2.54	21.8	3.17	24.1	3.50	26.4	3.84	30.9	4.55	35.2	5.27
	21	13.8	2.13	17.2	2.56	21.8	3.20	24.1	3.53	26.4	3.88	30.9	4.59	35.2	5.32
	23	13.8	2.16	17.2	2.60	21.8	3.26	24.1	3.60	26.4	3.95	30.9	4.73	35.2	5.63
	25	13.8	2.19	17.2	2.65	21.8	3.31	24.1	3.71	26.4	4.13	30.9	5.05	35.2	6.02
	27	13.8	2.22	17.2	2.72	21.8	3.52	24.1	3.95	26.4	4.40	30.9	5.38	35.2	6.42
	29	13.8	2.33	17.2	2.89	21.8	3.73	24.1	4.19	26.4	4.68	30.9	5.73	35.2	6.85
	31	13.8	2.46	17.2	3.05	21.8	3.96	24.1	4.45	26.4	4.97	30.9	6.10	35.2	7.30
	33	13.8	2.60	17.2	3.23	21.8	4.20	24.1	4.72	26.4	5.28	30.9	6.49	35.2	7.77
	35	13.8	2.74	17.2	3.41	21.8	4.45	24.1	5.01	26.4	5.61	30.9	6.89	35.2	8.27
	37	13.8	2.89	17.2	3.60	21.8	4.71	24.1	5.31	26.4	5.95	30.9	7.32	35.2	8.79
	39	13.8	3.04	17.2	3.80	21.8	4.98	24.1	5.62	26.4	6.31	30.9	7.78	35.2	9.35
50% (200)	10	11.5	1.74	14.4	2.04	18.2	2.48	20.1	2.71	22.0	2.94	25.7	3.44	29.3	3.94
	12	11.5	1.76	14.4	2.07	18.2	2.52	20.1	2.75	22.0	2.99	25.7	3.49	29.3	4.00
	14	11.5	1.78	14.4	2.10	18.2	2.55	20.1	2.79	22.0	3.04	25.7	3.55	29.3	4.07
	16	11.5	1.80	14.4	2.12	18.2	2.59	20.1	2.83	22.0	3.09	25.7	3.61	29.3	4.15
	18	11.5	1.83	14.4	2.15	18.2	2.63	20.1	2.88	22.0	3.14	25.7	3.68	29.3	4.22
	20	11.5	1.85	14.4	2.18	18.2	2.67	20.1	2.93	22.0	3.19	25.7	3.74	29.3	4.30
	21	11.5	1.86	14.4	2.20	18.2	2.69	20.1	2.95	22.0	3.22	25.7	3.78	29.3	4.34
	23	11.5	1.88	14.4	2.23	18.2	2.74	20.1	3.00	22.0	3.28	25.7	3.85	29.3	4.43
	25	11.5	1.91	14.4	2.26	18.2	2.78	20.1	3.05	22.0	3.34	25.7	4.01	29.3	4.72
	27	11.5	1.93	14.4	2.30	18.2	2.88	20.1	3.20	22.0	3.54	25.7	4.27	29.3	5.03
	29	11.5	2.00	14.4	2.42	18.2	3.05	20.1	3.40	22.0	3.76	25.7	4.54	29.3	5.36
	31	11.5	2.10	14.4	2.55	18.2	3.23	20.1	3.60	22.0	3.99	25.7	4.82	29.3	5.70
	33	11.5	2.21	14.4	2.69	18.2	3.42	20.1	3.81	22.0	4.23	25.7	5.12	29.3	6.06
	35	11.5	2.33	14.4	2.84	18.2	3.62	20.1	4.04	22.0	4.48	25.7	5.43	29.3	6.44
	37	11.5	2.45	14.4	2.99	18.2	3.82	20.1	4.27	22.0	4.74	25.7	5.76	29.3	6.84
	39	11.5	2.58	14.4	3.15	18.2	4.04	20.1	4.51	22.0	5.02	25.7	6.11	29.3	7.26

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ16TY1 Cooling capacity (Capacity correction factor: 0.95) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	10	28.4	3.81	35.5	4.84	44.9	6.33	49.6	7.10	54.3	7.88	57.6	7.90	59.3	7.50
	12	28.4	3.88	35.5	4.93	44.9	6.45	49.6	7.23	54.3	8.02	56.9	7.85	58.5	7.45
	14	28.4	3.94	35.5	5.02	44.9	6.57	49.6	7.37	54.3	8.18	56.1	7.81	57.8	7.82
	16	28.4	4.02	35.5	5.11	44.9	6.70	49.6	7.51	53.7	8.18	55.4	8.15	57.1	8.24
	18	28.4	4.09	35.5	5.21	44.9	6.84	49.6	7.72	53.0	8.47	54.7	8.57	56.4	8.67
	20	28.4	4.16	35.5	5.31	44.9	7.18	49.6	8.30	52.2	8.88	54.0	8.99	55.6	9.09
	21	28.4	4.20	35.5	5.37	44.9	7.43	49.6	8.60	51.9	9.09	53.6	9.20	55.3	9.31
	23	28.4	4.28	35.5	5.69	44.9	7.97	49.6	9.23	51.1	9.50	52.9	9.62	54.5	9.73
	25	28.4	4.55	35.5	6.08	44.9	8.53	49.5	9.86	50.4	9.92	52.1	10.0	53.8	10.2
	27	28.4	4.84	35.5	6.49	44.9	9.12	48.8	10.3	49.7	10.3	51.4	10.5	53.1	10.6
	29	28.4	5.15	35.5	6.92	44.9	9.74	48.1	10.7	48.9	10.8	50.7	10.9	52.3	11.0
	31	28.4	5.48	35.5	7.38	44.9	10.4	47.3	11.1	48.2	11.2	49.9	11.3	51.6	11.5
	33	28.4	5.82	35.5	7.85	44.9	11.1	46.6	11.5	47.5	11.6	49.2	11.8	50.9	11.9
	35	28.4	6.19	35.5	8.36	44.9	11.8	45.9	11.9	46.7	12.0	48.5	12.2	50.1	12.3
	37	28.4	6.57	35.5	8.89	44.3	12.3	45.1	12.4	46.0	12.4	47.7	12.6	49.4	12.8
	39	28.4	6.97	35.5	9.46	43.5	12.7	44.4	12.8	45.3	12.9	47.0	13.1	48.7	13.2
120% (480)	10	26.3	3.51	32.7	4.43	41.5	5.78	45.8	6.47	50.1	7.18	56.7	8.11	58.2	7.75
	12	26.3	3.57	32.7	4.51	41.5	5.88	45.8	6.59	50.1	7.31	56.0	8.07	57.5	7.70
	14	26.3	3.63	32.7	4.59	41.5	6.00	45.8	6.72	50.1	7.45	55.2	8.03	56.8	7.77
	16	26.3	3.69	32.7	4.68	41.5	6.11	45.8	6.85	50.1	7.60	54.5	8.10	56.0	8.19
	18	26.3	3.76	32.7	4.76	41.5	6.23	45.8	6.98	50.1	7.84	53.8	8.52	55.3	8.61
	20	26.3	3.83	32.7	4.86	41.5	6.39	45.8	7.37	50.1	8.43	53.0	8.93	54.6	9.03
	21	26.3	3.86	32.7	4.90	41.5	6.62	45.8	7.64	50.1	8.73	52.7	9.14	54.2	9.24
	23	26.3	3.93	32.7	5.11	41.5	7.09	45.8	8.19	50.1	9.36	51.9	9.56	53.5	9.66
	25	26.3	4.11	32.7	5.46	41.5	7.59	45.8	8.76	49.6	9.86	51.2	9.98	52.7	10.1
	27	26.3	4.38	32.7	5.82	41.5	8.11	45.8	9.37	48.9	10.3	50.5	10.4	52.0	10.5
	29	26.3	4.66	32.7	6.20	41.5	8.66	45.8	10.0	48.1	10.7	49.7	10.8	51.3	10.9
	31	26.3	4.95	32.7	6.60	41.5	9.24	45.8	10.7	47.4	11.1	49.0	11.2	50.6	11.4
	33	26.3	5.25	32.7	7.03	41.5	9.85	45.8	11.4	46.7	11.5	48.3	11.7	49.8	11.8
	35	26.3	5.58	32.7	7.47	41.5	10.5	45.1	11.9	46.0	11.9	47.5	12.1	49.1	12.2
	37	26.3	5.92	32.7	7.95	41.5	11.2	44.4	12.3	45.2	12.4	46.8	12.5	48.4	12.7
	39	26.3	6.27	32.7	8.45	41.5	11.9	43.7	12.7	44.5	12.8	46.1	13.0	47.6	13.1
110% (440)	10	24.1	3.22	30.0	4.03	38.0	5.23	42.0	5.85	45.9	6.49	53.7	7.79	57.2	8.00
	12	24.1	3.27	30.0	4.10	38.0	5.33	42.0	5.96	45.9	6.61	53.7	7.93	56.5	7.95
	14	24.1	3.32	30.0	4.18	38.0	5.43	42.0	6.08	45.9	6.74	53.7	8.09	55.7	7.91
	16	24.1	3.38	30.0	4.25	38.0	5.53	42.0	6.19	45.9	6.87	53.6	8.20	55.0	8.13
	18	24.1	3.44	30.0	4.33	38.0	5.64	42.0	6.32	45.9	7.01	52.9	8.46	54.3	8.55
	20	24.1	3.50	30.0	4.41	38.0	5.75	42.0	6.50	45.9	7.41	52.1	8.88	53.5	8.96
	21	24.1	3.53	30.0	4.46	38.0	5.86	42.0	6.73	45.9	7.67	51.8	9.08	53.2	9.17
	23	24.1	3.59	30.0	4.56	38.0	6.27	42.0	7.21	45.9	8.22	51.0	9.50	52.4	9.59
	25	24.1	3.70	30.0	4.87	38.0	6.70	42.0	7.71	45.9	8.80	50.3	9.91	51.7	10.0
	27	24.1	3.94	30.0	5.19	38.0	7.16	42.0	8.24	45.9	9.41	49.6	10.3	51.0	10.4
	29	24.1	4.19	30.0	5.52	38.0	7.64	42.0	8.80	45.9	10.1	48.8	10.7	50.2	10.9
	31	24.1	4.44	30.0	5.88	38.0	8.14	42.0	9.39	45.9	10.7	48.1	11.2	49.5	11.3
	33	24.1	4.72	30.0	6.25	38.0	8.68	42.0	10.0	45.9	11.5	47.4	11.6	48.8	11.7
	35	24.1	5.00	30.0	6.64	38.0	9.24	42.0	10.7	45.2	11.9	46.6	12.0	48.0	12.1
	37	24.1	5.30	30.0	7.05	38.0	9.84	42.0	11.4	44.4	12.3	45.9	12.4	47.3	12.6
	39	24.1	5.62	30.0	7.49	38.0	10.5	42.0	12.1	43.7	12.7	45.2	12.9	46.6	13.0
100% (400)	10	21.9	2.93	27.3	3.65	34.6	4.70	38.1	5.25	41.7	5.82	48.8	6.97	55.7	8.12
	12	21.9	2.98	27.3	3.71	34.6	4.79	38.1	5.35	41.7	5.93	48.8	7.10	55.4	8.20
	14	21.9	3.03	27.3	3.78	34.6	4.88	38.1	5.45	41.7	6.04	48.8	7.24	54.7	8.16
	16	21.9	3.07	27.3	3.84	34.6	4.97	38.1	5.55	41.7	6.15	48.8	7.38	54.0	8.11
	18	21.9	3.13	27.3	3.91	34.6	5.06	38.1	5.66	41.7	6.28	48.8	7.55	53.2	8.49
	20	21.9	3.18	27.3	3.98	34.6	5.16	38.1	5.77	41.7	6.45	48.8	8.12	52.5	8.90
	21	21.9	3.21	27.3	4.02	34.6	5.21	38.1	5.88	41.7	6.68	48.8	8.41	52.1	9.11
	23	21.9	3.26	27.3	4.10	34.6	5.50	38.1	6.30	41.7	7.15	48.8	9.02	51.4	9.52
	25	21.9	3.32	27.3	4.31	34.6	5.87	38.1	6.73	41.7	7.65	48.8	9.66	50.7	9.94
	27	21.9	3.53	27.3	4.59	34.6	6.27	38.1	7.19	41.7	8.18	48.6	10.3	49.9	10.4
	29	21.9	3.74	27.3	4.89	34.6	6.68	38.1	7.67	41.7	8.73	47.9	10.7	49.2	10.8
	31	21.9	3.97	27.3	5.19	34.6	7.12	38.1	8.18	41.7	9.32	47.2	11.1	48.5	11.2
	33	21.9	4.21	27.3	5.52	34.6	7.58	38.1	8.72	41.7	9.94	46.5	11.5	47.7	11.6
	35	21.9	4.46	27.3	5.86	34.6	8.07	38.1	9.28	41.7	10.6	45.7	11.9	47.0	12.0
	37	21.9	4.72	27.3	6.22	34.6	8.58	38.1	9.88	41.7	11.3	45.0	12.3	46.3	12.5
	39	21.9	5.00	27.3	6.59	34.6	9.12	38.1	10.5	41.7	12.0	44.3	12.8	45.5	12.9
90% (360)	10	19.7	2.66	24.5	3.28	31.1	4.19	34.3	4.67	37.6	5.16	44.0	6.17	50.1	7.19
	12	19.7	2.70	24.5	3.33	31.1	4.27	34.3	4.75	37.6	5.26	44.0	6.29	50.1	7.32
	14	19.7	2.74	24.5	3.39	31.1	4.34	34.3	4.84	37.6	5.35	44.0	6.41	50.1	7.46
	16	19.7	2.78	24.5	3.45	31.1	4.42	34.3	4.93	37.6	5.46	44.0	6.53	50.1	7.61
	18	19.7	2.83	24.5	3.51	31.1	4.51	34.3	5.03	37.6	5.56	44.0	6.66	50.1	7.85
	20	19.7	2.87	24.5	3.57	31.1	4.59	34.3	5.12	37.6	5.67	44.0	6.95	50.1	8.44
	21	19.7	2.90	24.5	3.60	31.1	4.64	34.3	5.17	37.6	5.76	44.0	7.20	50.1	8.74
	23	19.7	2.95	24.5	3.67	31.1	4.78	34.3	5.45	37.6	6.16	44.0	7.71	50.1	9.38
	25	19.7	3.00	24.5	3.79	31.1	5.10	34.3	5.82	37.6	6.59	44.0	8.26	49.6	9.86
	27	19.7	3.13	24.5	4.03	31.1	5.44	34.3	6.21	37.6	7.04	44.0	8.83	48.9	10.3
	29	19.7	3.32	24.5	4.29	31.1	5.79	34.3	6.62	37.6	7.51	44.0	9.43	48.2	10.7
	31	19.7	3.52	24.5	4.55	31.1	6.17	34.3	7.05	37.6	8.00	44.0	10.1	47.4	11.1
	33	19.7	3.73	24.5	4.83	31.1	6.56	34.3	7.51	37.6	8.53	44.0	10.7	46.7	11.5
	35	19.7	3.95	24.5	5.12	31.1	6.97	34.3	7.99	37.6	9.08	44.0	11.4	46.0	11.9
	37	19.7	4.17	24.5	5.43	31.1	7.41	34.3	8.50	37.6	9.66	44.0	12.2	45.2	12.4
	39	19.7	4.41	24.5	5.76	31.1	7.87	34.3	9.03	37.6	10.3	43.3	12.7	44.5	12.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (320)	10	17.5	2.40	21.8	2.93	27.7	3.70	30.5	4.11	33.4	4.53	39.1	5.40	44.6	6.27
	12	17.5	2.43	21.8	2.97	27.7	3.76	30.5	4.18	33.4	4.61	39.1	5.50	44.6	6.39
	14	17.5	2.47	21.8	3.02	27.7	3.83	30.5	4.25	33.4	4.69	39.1	5.60	44.6	6.51
	16	17.5	2.50	21.8	3.07	27.7	3.90	30.5	4.33	33.4	4.78	39.1	5.71	44.6	6.64
	18	17.5	2.54	21.8	3.12	27.7	3.97	30.5	4.41	33.4	4.87	39.1	5.82	44.6	6.77
	20	17.5	2.58	21.8	3.17	27.7	4.04	30.5	4.50	33.4	4.97	39.1	5.93	44.6	7.09
	21	17.5	2.60	21.8	3.20	27.7	4.08	30.5	4.54	33.4	5.01	39.1	6.08	44.6	7.34
	23	17.5	2.64	21.8	3.25	27.7	4.16	30.5	4.66	33.4	5.25	39.1	6.51	44.6	7.87
	25	17.5	2.68	21.8	3.31	27.7	4.39	30.5	4.98	33.4	5.61	39.1	6.97	44.6	8.42
	27	17.5	2.77	21.8	3.51	27.7	4.67	30.5	5.30	33.4	5.98	39.1	7.44	44.6	9.00
	29	17.5	2.93	21.8	3.73	27.7	4.97	30.5	5.65	33.4	6.37	39.1	7.94	44.6	9.62
	31	17.5	3.10	21.8	3.96	27.7	5.29	30.5	6.01	33.4	6.79	39.1	8.47	44.6	10.3
	33	17.5	3.28	21.8	4.19	27.7	5.62	30.5	6.39	33.4	7.22	39.1	9.02	44.6	11.0
	35	17.5	3.47	21.8	4.44	27.7	5.96	30.5	6.79	33.4	7.68	39.1	9.61	44.6	11.7
	37	17.5	3.66	21.8	4.71	27.7	6.33	30.5	7.22	33.4	8.17	39.1	10.2	44.2	12.3
	39	17.5	3.87	21.8	4.98	27.7	6.72	30.5	7.67	33.4	8.69	39.1	10.9	43.5	12.7
70% (280)	10	15.3	2.15	19.1	2.59	24.2	3.23	26.7	3.57	29.2	3.92	34.2	4.65	39.0	5.38
	12	15.3	2.18	19.1	2.63	24.2	3.29	26.7	3.63	29.2	3.99	34.2	4.73	39.0	5.48
	14	15.3	2.21	19.1	2.66	24.2	3.34	26.7	3.69	29.2	4.06	34.2	4.82	39.0	5.59
	16	15.3	2.24	19.1	2.70	24.2	3.40	26.7	3.76	29.2	4.13	34.2	4.91	39.0	5.69
	18	15.3	2.27	19.1	2.75	24.2	3.45	26.7	3.82	29.2	4.21	34.2	5.00	39.0	5.80
	20	15.3	2.30	19.1	2.79	24.2	3.52	26.7	3.89	29.2	4.29	34.2	5.10	39.0	5.92
	21	15.3	2.32	19.1	2.81	24.2	3.55	26.7	3.93	29.2	4.33	34.2	5.15	39.0	6.07
	23	15.3	2.35	19.1	2.86	24.2	3.61	26.7	4.00	29.2	4.41	34.2	5.42	39.0	6.49
	25	15.3	2.39	19.1	2.91	24.2	3.73	26.7	4.20	29.2	4.70	34.2	5.79	39.0	6.94
	27	15.3	2.43	19.1	3.03	24.2	3.97	26.7	4.47	29.2	5.01	34.2	6.18	39.0	7.42
	29	15.3	2.57	19.1	3.22	24.2	4.21	26.7	4.76	29.2	5.34	34.2	6.58	39.0	7.92
	31	15.3	2.71	19.1	3.41	24.2	4.47	26.7	5.06	29.2	5.68	34.2	7.01	39.0	8.44
	33	15.3	2.87	19.1	3.60	24.2	4.75	26.7	5.37	29.2	6.03	34.2	7.46	39.0	9.00
	35	15.3	3.02	19.1	3.81	24.2	5.03	26.7	5.70	29.2	6.41	34.2	7.94	39.0	9.58
	37	15.3	3.19	19.1	4.03	24.2	5.34	26.7	6.05	29.2	6.81	34.2	8.45	39.0	10.2
	39	15.3	3.36	19.1	4.26	24.2	5.65	26.7	6.41	29.2	7.23	34.2	8.98	39.0	10.9
60% (240)	10	13.1	1.91	16.4	2.27	20.7	2.79	22.9	3.06	25.0	3.35	29.3	3.93	33.4	4.53
	12	13.1	1.93	16.4	2.30	20.7	2.83	22.9	3.11	25.0	3.40	29.3	4.00	33.4	4.61
	14	13.1	1.96	16.4	2.33	20.7	2.88	22.9	3.16	25.0	3.46	29.3	4.07	33.4	4.70
	16	13.1	1.98	16.4	2.36	20.7	2.92	22.9	3.21	25.0	3.52	29.3	4.15	33.4	4.79
	18	13.1	2.01	16.4	2.40	20.7	2.97	22.9	3.27	25.0	3.58	29.3	4.22	33.4	4.88
	20	13.1	2.03	16.4	2.43	20.7	3.02	22.9	3.32	25.0	3.64	29.3	4.30	33.4	4.97
	21	13.1	2.05	16.4	2.45	20.7	3.04	22.9	3.35	25.0	3.68	29.3	4.34	33.4	5.02
	23	13.1	2.08	16.4	2.49	20.7	3.10	22.9	3.41	25.0	3.74	29.3	4.43	33.4	5.26
	25	13.1	2.10	16.4	2.53	20.7	3.15	22.9	3.49	25.0	3.88	29.3	4.72	33.4	5.61
	27	13.1	2.14	16.4	2.59	20.7	3.32	22.9	3.71	25.0	4.13	29.3	5.03	33.4	5.99
	29	13.1	2.23	16.4	2.74	20.7	3.52	22.9	3.94	25.0	4.39	29.3	5.36	33.4	6.38
	31	13.1	2.35	16.4	2.90	20.7	3.73	22.9	4.19	25.0	4.67	29.3	5.70	33.4	6.80
	33	13.1	2.48	16.4	3.06	20.7	3.96	22.9	4.44	25.0	4.95	29.3	6.06	33.4	7.23
	35	13.1	2.61	16.4	3.23	20.7	4.19	22.9	4.70	25.0	5.25	29.3	6.44	33.4	7.69
	37	13.1	2.75	16.4	3.41	20.7	4.43	22.9	4.98	25.0	5.57	29.3	6.83	33.4	8.18
	39	13.1	2.90	16.4	3.60	20.7	4.69	22.9	5.28	25.0	5.91	29.3	7.26	33.4	8.70
50% (200)	10	10.9	1.69	13.6	1.97	17.3	2.37	19.1	2.59	20.9	2.81	24.4	3.26	27.9	3.73
	12	10.9	1.70	13.6	1.99	17.3	2.41	19.1	2.62	20.9	2.85	24.4	3.32	27.9	3.79
	14	10.9	1.72	13.6	2.01	17.3	2.44	19.1	2.66	20.9	2.89	24.4	3.37	27.9	3.86
	16	10.9	1.74	13.6	2.04	17.3	2.48	19.1	2.70	20.9	2.94	24.4	3.43	27.9	3.93
	18	10.9	1.76	13.6	2.07	17.3	2.51	19.1	2.74	20.9	2.99	24.4	3.49	27.9	4.00
	20	10.9	1.78	13.6	2.09	17.3	2.55	19.1	2.79	20.9	3.04	24.4	3.55	27.9	4.07
	21	10.9	1.79	13.6	2.11	17.3	2.57	19.1	2.81	20.9	3.06	24.4	3.58	27.9	4.11
	23	10.9	1.82	13.6	2.14	17.3	2.61	19.1	2.86	20.9	3.11	24.4	3.65	27.9	4.19
	25	10.9	1.84	13.6	2.17	17.3	2.65	19.1	2.91	20.9	3.17	24.4	3.77	27.9	4.43
	27	10.9	1.86	13.6	2.20	17.3	2.73	19.1	3.03	20.9	3.34	24.4	4.01	27.9	4.71
	29	10.9	1.92	13.6	2.31	17.3	2.90	19.1	3.21	20.9	3.55	24.4	4.26	27.9	5.02
	31	10.9	2.02	13.6	2.43	17.3	3.06	19.1	3.40	20.9	3.76	24.4	4.52	27.9	5.33
	33	10.9	2.12	13.6	2.57	17.3	3.24	19.1	3.60	20.9	3.98	24.4	4.80	27.9	5.67
	35	10.9	2.23	13.6	2.71	17.3	3.42	19.1	3.81	20.9	4.22	24.4	5.09	27.9	6.02
	37	10.9	2.35	13.6	2.85	17.3	3.62	19.1	4.03	20.9	4.46	24.4	5.40	27.9	6.39
	39	10.9	2.47	13.6	3.00	17.3	3.82	19.1	4.26	20.9	4.72	24.4	5.72	27.9	6.78

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ16TY1 Cooling capacity (Capacity correction factor: 0.90) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	10	26.9	3.60	33.6	4.56	42.6	5.95	47.0	6.67	51.4	7.40	57.0	8.04	58.6	7.67
	12	26.9	3.66	33.6	4.64	42.6	6.06	47.0	6.79	51.4	7.54	56.3	8.00	57.8	7.62
	14	26.9	3.73	33.6	4.72	42.6	6.18	47.0	6.92	51.4	7.68	55.5	7.96	57.1	7.79
	16	26.9	3.79	33.6	4.81	42.6	6.30	47.0	7.06	51.4	7.83	54.8	8.12	56.4	8.21
	18	26.9	3.86	33.6	4.90	42.6	6.42	47.0	7.20	51.4	8.15	54.1	8.53	55.6	8.63
	20	26.9	3.93	33.6	5.00	42.6	6.64	47.0	7.66	51.4	8.76	53.3	8.95	54.9	9.05
	21	26.9	3.97	33.6	5.05	42.6	6.87	47.0	7.94	51.3	9.05	53.0	9.16	54.5	9.26
	23	26.9	4.04	33.6	5.29	42.6	7.36	47.0	8.51	50.6	9.47	52.2	9.58	53.8	9.69
	25	26.9	4.25	33.6	5.65	42.6	7.88	47.0	9.11	49.9	9.88	51.5	10.0	53.1	10.1
	27	26.9	4.52	33.6	6.03	42.6	8.42	47.0	9.74	49.1	10.3	50.8	10.4	52.3	10.5
	29	26.9	4.81	33.6	6.43	42.6	8.99	47.0	10.4	48.4	10.7	50.0	10.8	51.6	11.0
	31	26.9	5.11	33.6	6.84	42.6	9.60	46.8	11.1	47.7	11.1	49.3	11.3	50.9	11.4
	33	26.9	5.43	33.6	7.28	42.6	10.2	46.1	11.5	46.9	11.5	48.6	11.7	50.1	11.8
	35	26.9	5.77	33.6	7.75	42.6	10.9	45.4	11.9	46.2	12.0	47.8	12.1	49.4	12.3
	37	26.9	6.12	33.6	8.24	42.6	11.6	44.6	12.3	45.5	12.4	47.1	12.6	48.7	12.7
	39	26.9	6.49	33.6	8.76	42.6	12.4	43.9	12.7	44.7	12.8	46.4	13.0	48.0	13.2
120% (480)	10	24.9	3.32	31.0	4.18	39.3	5.43	43.4	6.08	47.5	6.74	55.5	8.09	57.6	7.91
	12	24.9	3.38	31.0	4.25	39.3	5.53	43.4	6.19	47.5	6.87	55.4	8.20	56.8	7.86
	14	24.9	3.43	31.0	4.33	39.3	5.64	43.4	6.31	47.5	7.00	54.7	8.16	56.1	7.81
	16	24.9	3.49	31.0	4.41	39.3	5.74	43.4	6.43	47.5	7.14	53.9	8.12	55.4	8.15
	18	24.9	3.55	31.0	4.49	39.3	5.86	43.4	6.56	47.5	7.28	53.2	8.48	54.7	8.57
	20	24.9	3.62	31.0	4.57	39.3	5.97	43.4	6.82	47.5	7.77	52.5	8.90	53.9	8.99
	21	24.9	3.65	31.0	4.62	39.3	6.13	43.4	7.06	47.5	8.05	52.1	9.10	53.6	9.20
	23	24.9	3.72	31.0	4.76	39.3	6.57	43.4	7.56	47.5	8.63	51.4	9.52	52.8	9.62
	25	24.9	3.85	31.0	5.08	39.3	7.02	43.4	8.09	47.5	9.25	50.6	9.94	52.1	10.0
	27	24.9	4.10	31.0	5.42	39.3	7.50	43.4	8.65	47.5	9.89	49.9	10.4	51.4	10.5
	29	24.9	4.36	31.0	5.77	39.3	8.00	43.4	9.24	47.5	10.6	49.2	10.8	50.6	10.9
	31	24.9	4.63	31.0	6.14	39.3	8.54	43.4	9.86	46.9	11.1	48.4	11.2	49.9	11.3
	33	24.9	4.91	31.0	6.53	39.3	9.10	43.4	10.5	46.2	11.5	47.7	11.6	49.2	11.8
	35	24.9	5.21	31.0	6.94	39.3	9.69	43.4	11.2	45.5	11.9	47.0	12.0	48.4	12.2
	37	24.9	5.52	31.0	7.38	39.3	10.3	43.4	12.0	44.7	12.3	46.2	12.5	47.7	12.6
	39	24.9	5.85	31.0	7.84	39.3	11.0	43.2	12.7	44.0	12.7	45.5	12.9	47.0	13.1
110% (440)	10	22.8	3.05	28.4	3.81	36.0	4.92	39.8	5.50	43.5	6.10	50.9	7.31	56.6	8.13
	12	22.8	3.10	28.4	3.87	36.0	5.01	39.8	5.60	43.5	6.21	50.9	7.45	55.9	8.09
	14	22.8	3.15	28.4	3.94	36.0	5.11	39.8	5.71	43.5	6.33	50.9	7.60	55.1	8.05
	16	22.8	3.20	28.4	4.01	36.0	5.20	39.8	5.82	43.5	6.45	50.9	7.74	54.4	8.10
	18	22.8	3.25	28.4	4.09	36.0	5.30	39.8	5.93	43.5	6.58	50.9	8.03	53.7	8.51
	20	22.8	3.31	28.4	4.16	36.0	5.41	39.8	6.05	43.5	6.84	50.9	8.63	52.9	8.93
	21	22.8	3.34	28.4	4.20	36.0	5.46	39.8	6.23	43.5	7.09	50.9	8.95	52.6	9.13
	23	22.8	3.40	28.4	4.28	36.0	5.82	39.8	6.67	43.5	7.59	50.5	9.46	51.8	9.55
	25	22.8	3.48	28.4	4.54	36.0	6.22	39.8	7.14	43.5	8.13	49.8	9.87	51.1	9.97
	27	22.8	3.70	28.4	4.84	36.0	6.64	39.8	7.63	43.5	8.69	49.0	10.3	50.4	10.4
	29	22.8	3.93	28.4	5.15	36.0	7.08	39.8	8.14	43.5	9.28	48.3	10.7	49.6	10.8
	31	22.8	4.17	28.4	5.48	36.0	7.54	39.8	8.68	43.5	9.91	47.6	11.1	48.9	11.2
	33	22.8	4.42	28.4	5.82	36.0	8.03	39.8	9.25	43.5	10.6	46.8	11.5	48.2	11.7
	35	22.8	4.68	28.4	6.18	36.0	8.55	39.8	9.86	43.5	11.3	46.1	12.0	47.4	12.1
	37	22.8	4.96	28.4	6.56	36.0	9.10	39.8	10.5	43.5	12.0	45.4	12.4	46.7	12.5
	39	22.8	5.25	28.4	6.96	36.0	9.68	39.8	11.2	43.3	12.7	44.6	12.8	46.0	13.0
100% (400)	10	20.7	2.79	25.8	3.45	32.8	4.43	36.1	4.94	39.5	5.47	46.3	6.55	52.8	7.63
	12	20.7	2.83	25.8	3.51	32.8	4.51	36.1	5.03	39.5	5.57	46.3	6.67	52.8	7.77
	14	20.7	2.87	25.8	3.57	32.8	4.59	36.1	5.13	39.5	5.68	46.3	6.80	52.8	7.92
	16	20.7	2.92	25.8	3.63	32.8	4.68	36.1	5.22	39.5	5.78	46.3	6.93	52.8	8.07
	18	20.7	2.97	25.8	3.70	32.8	4.77	36.1	5.32	39.5	5.90	46.3	7.07	52.7	8.45
	20	20.7	3.02	25.8	3.76	32.8	4.86	36.1	5.43	39.5	6.02	46.3	7.49	51.9	8.86
	21	20.7	3.04	25.8	3.80	32.8	4.91	36.1	5.48	39.5	6.19	46.3	7.76	51.6	9.07
	23	20.7	3.09	25.8	3.87	32.8	5.12	36.1	5.84	39.5	6.62	46.3	8.32	50.8	9.48
	25	20.7	3.15	25.8	4.03	32.8	5.46	36.1	6.24	39.5	7.08	46.3	8.91	50.1	9.90
	27	20.7	3.32	25.8	4.29	32.8	5.82	36.1	6.67	39.5	7.57	46.3	9.52	49.4	10.3
	29	20.7	3.52	25.8	4.57	32.8	6.21	36.1	7.11	39.5	8.08	46.3	10.2	48.7	10.7
	31	20.7	3.73	25.8	4.85	32.8	6.61	36.1	7.58	39.5	8.61	46.3	10.9	47.9	11.2
	33	20.7	3.95	25.8	5.15	32.8	7.03	36.1	8.07	39.5	9.18	46.0	11.5	47.2	11.6
	35	20.7	4.18	25.8	5.47	32.8	7.48	36.1	8.59	39.5	9.78	45.2	11.9	46.5	12.0
	37	20.7	4.43	25.8	5.80	32.8	7.95	36.1	9.14	39.5	10.4	44.5	12.3	45.7	12.4
	39	20.7	4.68	25.8	6.15	32.8	8.45	36.1	9.72	39.5	11.1	43.8	12.7	45.0	12.8
90% (360)	10	18.7	2.53	23.3	3.11	29.5	3.96	32.5	4.40	35.6	4.86	41.6	5.80	47.5	6.75
	12	18.7	2.57	23.3	3.16	29.5	4.03	32.5	4.48	35.6	4.95	41.6	5.91	47.5	6.88
	14	18.7	2.61	23.3	3.21	29.5	4.10	32.5	4.56	35.6	5.04	41.6	6.02	47.5	7.01
	16	18.7	2.65	23.3	3.26	29.5	4.17	32.5	4.64	35.6	5.13	41.6	6.14	47.5	7.15
	18	18.7	2.69	23.3	3.32	29.5	4.25	32.5	4.73	35.6	5.23	41.6	6.26	47.5	7.29
	20	18.7	2.73	23.3	3.38	29.5	4.33	32.5	4.82	35.6	5.33	41.6	6.43	47.5	7.78
	21	18.7	2.75	23.3	3.41	29.5	4.37	32.5	4.87	35.6	5.39	41.6	6.66	47.5	8.06
	23	18.7	2.80	23.3	3.47	29.5	4.46	32.5	5.07	35.6	5.72	41.6	7.13	47.5	8.65
	25	18.7	2.85	23.3	3.56	29.5	4.76	32.5	5.41	35.6	6.11	41.6	7.63	47.5	9.26
	27	18.7	2.96	23.3	3.78	29.5	5.07	32.5	5.77	35.6	6.52	41.6	8.15	47.5	9.90
	29	18.7	3.14	23.3	4.02	29.5	5.40	32.5	6.15	35.6	6.96	41.6	8.71	47.5	10.6
	31	18.7	3.32	23.3	4.27	29.5	5.74	32.5	6.55	35.6	7.41	41.6	9.29	46.9	11.1
	33	18.7	3.51	23.3	4.52	29.5	6.10	32.5	6.97	35.6	7.89	41.6	9.91	46.2	11.5
	35	18.7	3.72	23.3	4.80	29.5	6.48	32.5	7.41	35.6	8.40	41.6	10.6	45.5	11.9
	37	18.7	3.93	23.3	5.08	29.5	6.89	32.5	7.88	35.6	8.94	41.6	11.2	44.7	12.3
	39	18.7	4.15	23.3	5.38	29.5	7.31	32.5	8.37	35.6	9.51	41.6	12.0	44.0	12.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (320)	10	16.6	2.29	20.7	2.78	26.2	3.50	28.9	3.88	31.6	4.27	37.0	5.08	42.2	5.89
	12	16.6	2.32	20.7	2.82	26.2	3.56	28.9	3.94	31.6	4.34	37.0	5.17	42.2	6.00
	14	16.6	2.36	20.7	2.87	26.2	3.62	28.9	4.01	31.6	4.42	37.0	5.27	42.2	6.12
	16	16.6	2.39	20.7	2.91	26.2	3.68	28.9	4.09	31.6	4.50	37.0	5.37	42.2	6.24
	18	16.6	2.42	20.7	2.96	26.2	3.75	28.9	4.16	31.6	4.59	37.0	5.47	42.2	6.36
	20	16.6	2.46	20.7	3.01	26.2	3.82	28.9	4.24	31.6	4.68	37.0	5.58	42.2	6.56
	21	16.6	2.48	20.7	3.03	26.2	3.85	28.9	4.28	31.6	4.72	37.0	5.64	42.2	6.79
	23	16.6	2.52	20.7	3.09	26.2	3.92	28.9	4.36	31.6	4.89	37.0	6.04	42.2	7.27
	25	16.6	2.56	20.7	3.14	26.2	4.10	28.9	4.64	31.6	5.22	37.0	6.46	42.2	7.78
	27	16.6	2.62	20.7	3.31	26.2	4.37	28.9	4.94	31.6	5.56	37.0	6.89	42.2	8.32
	29	16.6	2.78	20.7	3.51	26.2	4.64	28.9	5.26	31.6	5.92	37.0	7.35	42.2	8.88
	31	16.6	2.94	20.7	3.72	26.2	4.94	28.9	5.60	31.6	6.31	37.0	7.84	42.2	9.48
	33	16.6	3.10	20.7	3.94	26.2	5.24	28.9	5.95	31.6	6.71	37.0	8.35	42.2	10.1
	35	16.6	3.28	20.7	4.17	26.2	5.56	28.9	6.32	31.6	7.13	37.0	8.89	42.2	10.8
	37	16.6	3.46	20.7	4.42	26.2	5.90	28.9	6.71	31.6	7.58	37.0	9.46	42.2	11.5
	39	16.6	3.65	20.7	4.67	26.2	6.26	28.9	7.13	31.6	8.05	37.0	10.1	42.2	12.2
70% (280)	10	14.5	2.06	18.1	2.47	22.9	3.07	25.3	3.38	27.7	3.71	32.4	4.38	36.9	5.06
	12	14.5	2.09	18.1	2.50	22.9	3.12	25.3	3.44	27.7	3.77	32.4	4.46	36.9	5.16
	14	14.5	2.11	18.1	2.54	22.9	3.17	25.3	3.49	27.7	3.83	32.4	4.54	36.9	5.25
	16	14.5	2.14	18.1	2.58	22.9	3.22	25.3	3.55	27.7	3.90	32.4	4.62	36.9	5.35
	18	14.5	2.17	18.1	2.62	22.9	3.27	25.3	3.62	27.7	3.97	32.4	4.71	36.9	5.46
	20	14.5	2.20	18.1	2.66	22.9	3.33	25.3	3.68	27.7	4.05	32.4	4.80	36.9	5.57
	21	14.5	2.22	18.1	2.68	22.9	3.36	25.3	3.71	27.7	4.08	32.4	4.85	36.9	5.63
	23	14.5	2.25	18.1	2.72	22.9	3.42	25.3	3.78	27.7	4.16	32.4	5.04	36.9	6.02
	25	14.5	2.28	18.1	2.77	22.9	3.50	25.3	3.93	27.7	4.39	32.4	5.38	36.9	6.44
	27	14.5	2.32	18.1	2.86	22.9	3.72	25.3	4.18	27.7	4.68	32.4	5.74	36.9	6.87
	29	14.5	2.44	18.1	3.04	22.9	3.95	25.3	4.45	27.7	4.98	32.4	6.12	36.9	7.33
	31	14.5	2.58	18.1	3.21	22.9	4.19	25.3	4.72	27.7	5.29	32.4	6.51	36.9	7.81
	33	14.5	2.72	18.1	3.40	22.9	4.45	25.3	5.02	27.7	5.62	32.4	6.93	36.9	8.32
	35	14.5	2.87	18.1	3.59	22.9	4.71	25.3	5.32	27.7	5.97	32.4	7.37	36.9	8.86
	37	14.5	3.02	18.1	3.80	22.9	4.99	25.3	5.64	27.7	6.34	32.4	7.83	36.9	9.43
	39	14.5	3.19	18.1	4.01	22.9	5.29	25.3	5.98	27.7	6.72	32.4	8.32	36.9	10.0
60% (240)	10	12.4	1.84	15.5	2.17	19.7	2.66	21.7	2.91	23.7	3.17	27.8	3.72	31.7	4.27
	12	12.4	1.86	15.5	2.20	19.7	2.69	21.7	2.95	23.7	3.22	27.8	3.78	31.7	4.35
	14	12.4	1.88	15.5	2.23	19.7	2.73	21.7	3.00	23.7	3.27	27.8	3.85	31.7	4.43
	16	12.4	1.90	15.5	2.26	19.7	2.78	21.7	3.05	23.7	3.33	27.8	3.91	31.7	4.51
	18	12.4	1.93	15.5	2.29	19.7	2.82	21.7	3.10	23.7	3.39	27.8	3.98	31.7	4.59
	20	12.4	1.95	15.5	2.32	19.7	2.87	21.7	3.15	23.7	3.45	27.8	4.06	31.7	4.68
	21	12.4	1.97	15.5	2.34	19.7	2.89	21.7	3.18	23.7	3.48	27.8	4.10	31.7	4.73
	23	12.4	1.99	15.5	2.38	19.7	2.94	21.7	3.23	23.7	3.54	27.8	4.18	31.7	4.89
	25	12.4	2.02	15.5	2.41	19.7	2.99	21.7	3.29	23.7	3.64	27.8	4.41	31.7	5.22
	27	12.4	2.05	15.5	2.46	19.7	3.13	21.7	3.49	23.7	3.87	27.8	4.70	31.7	5.57
	29	12.4	2.13	15.5	2.60	19.7	3.32	21.7	3.70	23.7	4.12	27.8	5.00	31.7	5.93
	31	12.4	2.24	15.5	2.75	19.7	3.51	21.7	3.93	23.7	4.37	27.8	5.31	31.7	6.31
	33	12.4	2.36	15.5	2.90	19.7	3.72	21.7	4.16	23.7	4.63	27.8	5.64	31.7	6.72
	35	12.4	2.49	15.5	3.06	19.7	3.94	21.7	4.41	23.7	4.91	27.8	5.99	31.7	7.14
	37	12.4	2.62	15.5	3.23	19.7	4.16	21.7	4.67	23.7	5.21	27.8	6.36	31.7	7.59
	39	12.4	2.76	15.5	3.41	19.7	4.40	21.7	4.94	23.7	5.52	27.8	6.75	31.7	8.06
50% (200)	10	10.4	1.63	12.9	1.89	16.4	2.27	18.1	2.47	19.8	2.67	23.1	3.09	26.4	3.53
	12	10.4	1.65	12.9	1.91	16.4	2.30	18.1	2.50	19.8	2.71	23.1	3.14	26.4	3.59
	14	10.4	1.66	12.9	1.93	16.4	2.33	18.1	2.54	19.8	2.75	23.1	3.19	26.4	3.65
	16	10.4	1.68	12.9	1.96	16.4	2.36	18.1	2.57	19.8	2.79	23.1	3.25	26.4	3.71
	18	10.4	1.70	12.9	1.98	16.4	2.40	18.1	2.61	19.8	2.84	23.1	3.30	26.4	3.78
	20	10.4	1.72	12.9	2.01	16.4	2.43	18.1	2.65	19.8	2.88	23.1	3.36	26.4	3.85
	21	10.4	1.73	12.9	2.02	16.4	2.45	18.1	2.68	19.8	2.91	23.1	3.39	26.4	3.88
	23	10.4	1.75	12.9	2.05	16.4	2.49	18.1	2.72	19.8	2.96	23.1	3.45	26.4	3.95
	25	10.4	1.77	12.9	2.08	16.4	2.53	18.1	2.76	19.8	3.01	23.1	3.54	26.4	4.14
	27	10.4	1.79	12.9	2.11	16.4	2.59	18.1	2.86	19.8	3.15	23.1	3.76	26.4	4.41
	29	10.4	1.84	12.9	2.20	16.4	2.74	18.1	3.03	19.8	3.34	23.1	3.99	26.4	4.69
	31	10.4	1.94	12.9	2.32	16.4	2.90	18.1	3.21	19.8	3.54	23.1	4.24	26.4	4.98
	33	10.4	2.04	12.9	2.44	16.4	3.06	18.1	3.40	19.8	3.75	23.1	4.50	26.4	5.29
	35	10.4	2.14	12.9	2.58	16.4	3.24	18.1	3.59	19.8	3.97	23.1	4.77	26.4	5.61
	37	10.4	2.25	12.9	2.71	16.4	3.42	18.1	3.79	19.8	4.19	23.1	5.05	26.4	5.95
	39	10.4	2.36	12.9	2.85	16.4	3.60	18.1	4.01	19.8	4.43	23.1	5.35	26.4	6.32

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ16TY1 Cooling capacity (Capacity correction factor: 0.85) (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (520)	10	25.4	3.40	31.7	4.28	40.2	5.57	44.4	6.24	48.6	6.92	56.4	8.19	57.9	7.84
	12	25.4	3.46	31.7	4.36	40.2	5.68	44.4	6.36	48.6	7.05	55.6	8.15	57.1	7.80
	14	25.4	3.51	31.7	4.44	40.2	5.78	44.4	6.48	48.6	7.19	54.9	8.11	56.4	7.75
	16	25.4	3.57	31.7	4.52	40.2	5.90	44.4	6.60	48.6	7.33	54.2	8.08	55.7	8.17
	18	25.4	3.64	31.7	4.60	40.2	6.01	44.4	6.74	48.6	7.48	53.4	8.50	54.9	8.58
	20	25.4	3.70	31.7	4.69	40.2	6.13	44.4	7.05	48.6	8.04	52.7	8.91	54.2	9.00
	21	25.4	3.74	31.7	4.74	40.2	6.33	44.4	7.30	48.6	8.33	52.3	9.12	53.8	9.21
	23	25.4	3.81	31.7	4.91	40.2	6.78	44.4	7.82	48.6	8.93	51.6	9.54	53.1	9.64
	25	25.4	3.96	31.7	5.24	40.2	7.25	44.4	8.37	48.6	9.57	50.9	9.95	52.4	10.1
	27	25.4	4.21	31.7	5.58	40.2	7.75	44.4	8.95	48.6	10.2	50.1	10.4	51.6	10.5
	29	25.4	4.48	31.7	5.95	40.2	8.27	44.4	9.56	47.9	10.7	49.4	10.8	50.9	10.9
	31	25.4	4.76	31.7	6.33	40.2	8.82	44.4	10.2	47.1	11.1	48.7	11.2	50.2	11.3
	33	25.4	5.05	31.7	6.74	40.2	9.41	44.4	10.9	46.4	11.5	47.9	11.6	49.4	11.8
	35	25.4	5.36	31.7	7.16	40.2	10.0	44.4	11.6	45.7	11.9	47.2	12.1	48.7	12.2
	37	25.4	5.68	31.7	7.61	40.2	10.7	44.2	12.3	44.9	12.3	46.5	12.5	48.0	12.6
	39	25.4	6.03	31.7	8.09	40.2	11.4	43.4	12.7	44.2	12.8	45.7	12.9	47.2	13.1
120% (480)	10	23.5	3.14	29.3	3.93	37.1	5.09	41.0	5.69	44.8	6.31	52.4	7.57	56.9	8.06
	12	23.5	3.19	29.3	4.00	37.1	5.18	41.0	5.80	44.8	6.43	52.4	7.71	56.2	8.02
	14	23.5	3.24	29.3	4.07	37.1	5.28	41.0	5.91	44.8	6.55	52.4	7.86	55.5	7.97
	16	23.5	3.30	29.3	4.14	37.1	5.38	41.0	6.02	44.8	6.68	52.4	8.02	54.7	8.12
	18	23.5	3.35	29.3	4.22	37.1	5.49	41.0	6.14	44.8	6.81	52.4	8.40	54.0	8.53
	20	23.5	3.41	29.3	4.30	37.1	5.60	41.0	6.28	44.8	7.15	51.9	8.86	53.3	8.95
	21	23.5	3.44	29.3	4.34	37.1	5.66	41.0	6.50	44.8	7.40	51.5	9.07	52.9	9.16
	23	23.5	3.50	29.3	4.42	37.1	6.06	41.0	6.96	44.8	7.93	50.8	9.48	52.2	9.57
	25	23.5	3.60	29.3	4.72	37.1	6.48	41.0	7.45	44.8	8.49	50.1	9.89	51.4	9.99
	27	23.5	3.83	29.3	5.03	37.1	6.92	41.0	7.96	44.8	9.08	49.3	10.3	50.7	10.4
	29	23.5	4.07	29.3	5.35	37.1	7.38	41.0	8.50	44.8	9.70	48.6	10.7	50.0	10.8
	31	23.5	4.32	29.3	5.69	37.1	7.87	41.0	9.07	44.8	10.4	47.9	11.1	49.2	11.3
	33	23.5	4.58	29.3	6.05	37.1	8.38	41.0	9.67	44.8	11.0	47.1	11.6	48.5	11.7
	35	23.5	4.85	29.3	6.43	37.1	8.92	41.0	10.3	44.8	11.8	46.4	12.0	47.8	12.1
	37	23.5	5.14	29.3	6.83	37.1	9.50	41.0	11.0	44.2	12.3	45.7	12.4	47.0	12.6
	39	23.5	5.45	29.3	7.25	37.1	10.1	41.0	11.7	43.5	12.7	44.9	12.8	46.3	13.0
110% (440)	10	21.5	2.89	26.8	3.59	34.0	4.62	37.5	5.16	41.1	5.71	48.1	6.85	54.8	7.97
	12	21.5	2.93	26.8	3.65	34.0	4.71	37.5	5.25	41.1	5.82	48.1	6.97	54.8	8.12
	14	21.5	2.98	26.8	3.71	34.0	4.79	37.5	5.35	41.1	5.93	48.1	7.11	54.5	8.20
	16	21.5	3.03	26.8	3.78	34.0	4.88	37.5	5.45	41.1	6.04	48.1	7.25	53.8	8.15
	18	21.5	3.08	26.8	3.85	34.0	4.97	37.5	5.56	41.1	6.16	48.1	7.39	53.1	8.48
	20	21.5	3.13	26.8	3.92	34.0	5.07	37.5	5.67	41.1	6.31	48.1	7.93	52.3	8.89
	21	21.5	3.16	26.8	3.95	34.0	5.12	37.5	5.76	41.1	6.53	48.1	8.21	52.0	9.10
	23	21.5	3.21	26.8	4.03	34.0	5.38	37.5	6.16	41.1	6.99	48.1	8.80	51.2	9.51
	25	21.5	3.27	26.8	4.23	34.0	5.75	37.5	6.58	41.1	7.48	48.1	9.43	50.5	9.93
	27	21.5	3.46	26.8	4.50	34.0	6.13	37.5	7.03	41.1	7.99	48.1	10.1	49.8	10.3
	29	21.5	3.67	26.8	4.79	34.0	6.54	37.5	7.50	41.1	8.53	47.8	10.7	49.0	10.8
	31	21.5	3.90	26.8	5.09	34.0	6.96	37.5	8.00	41.1	9.10	47.0	11.1	48.3	11.2
	33	21.5	4.13	26.8	5.41	34.0	7.41	37.5	8.52	41.1	9.71	46.3	11.5	47.6	11.6
	35	21.5	4.37	26.8	5.74	34.0	7.89	37.5	9.07	41.1	10.3	45.6	11.9	46.8	12.0
	37	21.5	4.63	26.8	6.09	34.0	8.39	37.5	9.66	41.1	11.0	44.8	12.3	46.1	12.5
	39	21.5	4.90	26.8	6.46	34.0	8.92	37.5	10.3	41.1	11.7	44.1	12.8	45.4	12.9
100% (400)	10	19.6	2.65	24.4	3.26	30.9	4.17	34.1	4.64	37.3	5.13	43.7	6.13	49.8	7.14
	12	19.6	2.68	24.4	3.31	30.9	4.24	34.1	4.72	37.3	5.22	43.7	6.25	49.8	7.27
	14	19.6	2.73	24.4	3.37	30.9	4.32	34.1	4.81	37.3	5.32	43.7	6.37	49.8	7.41
	16	19.6	2.77	24.4	3.43	30.9	4.39	34.1	4.90	37.3	5.42	43.7	6.49	49.8	7.56
	18	19.6	2.81	24.4	3.48	30.9	4.48	34.1	4.99	37.3	5.53	43.7	6.62	49.8	7.78
	20	19.6	2.86	24.4	3.55	30.9	4.56	34.1	5.09	37.3	5.63	43.7	6.89	49.8	8.36
	21	19.6	2.88	24.4	3.58	30.9	4.61	34.1	5.14	37.3	5.71	43.7	7.14	49.8	8.67
	23	19.6	2.93	24.4	3.64	30.9	4.75	34.1	5.41	37.3	6.11	43.7	7.65	49.8	9.29
	25	19.6	2.98	24.4	3.77	30.9	5.06	34.1	5.77	37.3	6.54	43.7	8.18	49.6	9.86
	27	19.6	3.12	24.4	4.01	30.9	5.40	34.1	6.16	37.3	6.98	43.7	8.75	48.8	10.3
	29	19.6	3.30	24.4	4.26	30.9	5.75	34.1	6.57	37.3	7.44	43.7	9.35	48.1	10.7
	31	19.6	3.50	24.4	4.52	30.9	6.12	34.1	7.00	37.3	7.94	43.7	9.98	47.4	11.1
	33	19.6	3.71	24.4	4.80	30.9	6.51	34.1	7.45	37.3	8.45	43.7	10.6	46.6	11.5
	35	19.6	3.92	24.4	5.09	30.9	6.92	34.1	7.92	37.3	9.00	43.7	11.3	45.9	11.9
	37	19.6	4.15	24.4	5.39	30.9	7.35	34.1	8.43	37.3	9.58	43.7	12.1	45.2	12.4
	39	19.6	4.38	24.4	5.72	30.9	7.81	34.1	8.96	37.3	10.2	43.3	12.7	44.4	12.8
90% (360)	10	17.6	2.41	22.0	2.94	27.8	3.73	30.7	4.14	33.6	4.56	39.3	5.44	44.9	6.32
	12	17.6	2.45	22.0	2.99	27.8	3.79	30.7	4.21	33.6	4.64	39.3	5.54	44.9	6.44
	14	17.6	2.48	22.0	3.04	27.8	3.86	30.7	4.28	33.6	4.73	39.3	5.64	44.9	6.56
	16	17.6	2.52	22.0	3.09	27.8	3.92	30.7	4.36	33.6	4.82	39.3	5.75	44.9	6.69
	18	17.6	2.55	22.0	3.14	27.8	4.00	30.7	4.44	33.6	4.91	39.3	5.86	44.9	6.82
	20	17.6	2.59	22.0	3.19	27.8	4.07	30.7	4.53	33.6	5.00	39.3	5.98	44.9	7.16
	21	17.6	2.61	22.0	3.22	27.8	4.11	30.7	4.57	33.6	5.05	39.3	6.14	44.9	7.41
	23	17.6	2.66	22.0	3.28	27.8	4.19	30.7	4.70	33.6	5.30	39.3	6.57	44.9	7.94
	25	17.6	2.70	22.0	3.33	27.8	4.42	30.7	5.02	33.6	5.66	39.3	7.03	44.9	8.50
	27	17.6	2.79	22.0	3.54	27.8	4.71	30.7	5.35	33.6	6.03	39.3	7.51	44.9	9.09
	29	17.6	2.95	22.0	3.76	27.8	5.01	30.7	5.70	33.6	6.43	39.3	8.01	44.9	9.71
	31	17.6	3.13	22.0	3.99	27.8	5.33	30.7	6.06	33.6	6.85	39.3	8.55	44.9	10.4
	33	17.6	3.31	22.0	4.23	27.8	5.66	30.7	6.45	33.6	7.29	39.3	9.11	44.9	11.1
	35	17.6	3.49	22.0	4.48	27.8	6.01	30.7	6.85	33.6	7.75	39.3	9.70	44.9	11.8
	37	17.6	3.69	22.0	4.74	27.8	6.38	30.7	7.28	33.6	8.25	39.3	10.3	44.2	12.3
	39	17.6	3.90	22.0	5.02	27.8	6.77	30.7	7.74	33.6	8.77	39.3	11.0	43.5	12.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (320)	10	15.7	2.19	19.5	2.64	24.7	3.31	27.3	3.65	29.9	4.02	35.0	4.76	39.9	5.52
	12	15.7	2.22	19.5	2.68	24.7	3.36	27.3	3.72	29.9	4.08	35.0	4.85	39.9	5.62
	14	15.7	2.25	19.5	2.72	24.7	3.42	27.3	3.78	29.9	4.16	35.0	4.94	39.9	5.73
	16	15.7	2.28	19.5	2.76	24.7	3.47	27.3	3.85	29.9	4.23	35.0	5.03	39.9	5.84
	18	15.7	2.31	19.5	2.80	24.7	3.53	27.3	3.92	29.9	4.31	35.0	5.13	39.9	5.95
	20	15.7	2.34	19.5	2.85	24.7	3.60	27.3	3.99	29.9	4.39	35.0	5.23	39.9	6.07
	21	15.7	2.36	19.5	2.87	24.7	3.63	27.3	4.02	29.9	4.43	35.0	5.28	39.9	6.26
	23	15.7	2.40	19.5	2.92	24.7	3.70	27.3	4.10	29.9	4.54	35.0	5.58	39.9	6.70
	25	15.7	2.43	19.5	2.97	24.7	3.83	27.3	4.32	29.9	4.84	35.0	5.97	39.9	7.17
	27	15.7	2.48	19.5	3.11	24.7	4.07	27.3	4.60	29.9	5.16	35.0	6.37	39.9	7.66
	29	15.7	2.62	19.5	3.29	24.7	4.33	27.3	4.89	29.9	5.49	35.0	6.79	39.9	8.17
	31	15.7	2.77	19.5	3.49	24.7	4.60	27.3	5.20	29.9	5.84	35.0	7.23	39.9	8.72
	33	15.7	2.93	19.5	3.69	24.7	4.88	27.3	5.52	29.9	6.21	35.0	7.70	39.9	9.29
	35	15.7	3.09	19.5	3.91	24.7	5.18	27.3	5.87	29.9	6.60	35.0	8.19	39.9	9.90
	37	15.7	3.26	19.5	4.13	24.7	5.49	27.3	6.22	29.9	7.01	35.0	8.72	39.9	10.5
	39	15.7	3.44	19.5	4.37	24.7	5.82	27.3	6.60	29.9	7.45	35.0	9.27	39.9	11.2
70% (280)	10	13.7	1.97	17.1	2.35	21.7	2.90	23.9	3.19	26.1	3.49	30.6	4.12	34.9	4.75
	12	13.7	2.00	17.1	2.38	21.7	2.95	23.9	3.24	26.1	3.55	30.6	4.19	34.9	4.84
	14	13.7	2.02	17.1	2.42	21.7	3.00	23.9	3.30	26.1	3.61	30.6	4.26	34.9	4.93
	16	13.7	2.05	17.1	2.45	21.7	3.04	23.9	3.35	26.1	3.68	30.6	4.34	34.9	5.02
	18	13.7	2.07	17.1	2.49	21.7	3.09	23.9	3.41	26.1	3.74	30.6	4.42	34.9	5.12
	20	13.7	2.10	17.1	2.52	21.7	3.15	23.9	3.47	26.1	3.81	30.6	4.51	34.9	5.22
	21	13.7	2.12	17.1	2.54	21.7	3.17	23.9	3.50	26.1	3.84	30.6	4.55	34.9	5.27
	23	13.7	2.15	17.1	2.58	21.7	3.23	23.9	3.57	26.1	3.92	30.6	4.68	34.9	5.57
	25	13.7	2.18	17.1	2.63	21.7	3.29	23.9	3.67	26.1	4.09	30.6	4.99	34.9	5.95
	27	13.7	2.21	17.1	2.70	21.7	3.48	23.9	3.91	26.1	4.36	30.6	5.32	34.9	6.35
	29	13.7	2.32	17.1	2.86	21.7	3.70	23.9	4.15	26.1	4.63	30.6	5.67	34.9	6.77
	31	13.7	2.44	17.1	3.03	21.7	3.92	23.9	4.41	26.1	4.92	30.6	6.03	34.9	7.21
	33	13.7	2.58	17.1	3.20	21.7	4.16	23.9	4.67	26.1	5.23	30.6	6.41	34.9	7.68
	35	13.7	2.72	17.1	3.38	21.7	4.40	23.9	4.96	26.1	5.55	30.6	6.82	34.9	8.17
	37	13.7	2.86	17.1	3.57	21.7	4.66	23.9	5.25	26.1	5.88	30.6	7.24	34.9	8.69
	39	13.7	3.02	17.1	3.77	21.7	4.93	23.9	5.57	26.1	6.24	30.6	7.69	34.9	9.24
60% (240)	10	11.7	1.77	14.6	2.07	18.6	2.52	20.5	2.76	22.4	3.00	26.2	3.51	29.9	4.02
	12	11.7	1.79	14.6	2.10	18.6	2.56	20.5	2.80	22.4	3.05	26.2	3.56	29.9	4.09
	14	11.7	1.81	14.6	2.13	18.6	2.60	20.5	2.84	22.4	3.10	26.2	3.62	29.9	4.16
	16	11.7	1.83	14.6	2.16	18.6	2.64	20.5	2.89	22.4	3.15	26.2	3.69	29.9	4.24
	18	11.7	1.85	14.6	2.19	18.6	2.68	20.5	2.93	22.4	3.20	26.2	3.75	29.9	4.32
	20	11.7	1.87	14.6	2.22	18.6	2.72	20.5	2.98	22.4	3.25	26.2	3.82	29.9	4.40
	21	11.7	1.89	14.6	2.23	18.6	2.74	20.5	3.01	22.4	3.28	26.2	3.86	29.9	4.44
	23	11.7	1.91	14.6	2.26	18.6	2.79	20.5	3.06	22.4	3.34	26.2	3.93	29.9	4.54
	25	11.7	1.93	14.6	2.30	18.6	2.83	20.5	3.11	22.4	3.41	26.2	4.11	29.9	4.85
	27	11.7	1.96	14.6	2.33	18.6	2.94	20.5	3.27	22.4	3.62	26.2	4.37	29.9	5.16
	29	11.7	2.03	14.6	2.46	18.6	3.12	20.5	3.47	22.4	3.85	26.2	4.65	29.9	5.50
	31	11.7	2.14	14.6	2.60	18.6	3.30	20.5	3.68	22.4	4.08	26.2	4.94	29.9	5.85
	33	11.7	2.25	14.6	2.74	18.6	3.49	20.5	3.90	22.4	4.33	26.2	5.25	29.9	6.22
	35	11.7	2.37	14.6	2.89	18.6	3.70	20.5	4.13	22.4	4.59	26.2	5.57	29.9	6.61
	37	11.7	2.49	14.6	3.05	18.6	3.91	20.5	4.37	22.4	4.86	26.2	5.91	29.9	7.02
	39	11.7	2.62	14.6	3.22	18.6	4.13	20.5	4.62	22.4	5.14	26.2	6.26	29.9	7.46
50% (200)	10	9.79	1.57	12.2	1.82	15.5	2.17	17.1	2.35	18.7	2.54	21.9	2.93	24.9	3.33
	12	9.79	1.59	12.2	1.84	15.5	2.19	17.1	2.38	18.7	2.57	21.9	2.97	24.9	3.38
	14	9.79	1.61	12.2	1.86	15.5	2.22	17.1	2.41	18.7	2.61	21.9	3.02	24.9	3.44
	16	9.79	1.62	12.2	1.88	15.5	2.25	17.1	2.45	18.7	2.65	21.9	3.07	24.9	3.50
	18	9.79	1.64	12.2	1.90	15.5	2.29	17.1	2.48	18.7	2.69	21.9	3.12	24.9	3.56
	20	9.79	1.66	12.2	1.93	15.5	2.32	17.1	2.52	18.7	2.73	21.9	3.17	24.9	3.62
	21	9.79	1.67	12.2	1.94	15.5	2.34	17.1	2.54	18.7	2.76	21.9	3.20	24.9	3.66
	23	9.79	1.69	12.2	1.96	15.5	2.37	17.1	2.58	18.7	2.80	21.9	3.26	24.9	3.72
	25	9.79	1.71	12.2	1.99	15.5	2.41	17.1	2.62	18.7	2.85	21.9	3.32	24.9	3.86
	27	9.79	1.73	12.2	2.02	15.5	2.45	17.1	2.70	18.7	2.96	21.9	3.52	24.9	4.11
	29	9.79	1.76	12.2	2.09	15.5	2.59	17.1	2.86	18.7	3.14	21.9	3.74	24.9	4.37
	31	9.79	1.85	12.2	2.21	15.5	2.74	17.1	3.02	18.7	3.32	21.9	3.96	24.9	4.64
	33	9.79	1.95	12.2	2.33	15.5	2.89	17.1	3.20	18.7	3.52	21.9	4.20	24.9	4.92
	35	9.79	2.05	12.2	2.45	15.5	3.05	17.1	3.38	18.7	3.72	21.9	4.45	24.9	5.22
	37	9.79	2.15	12.2	2.58	15.5	3.22	17.1	3.57	18.7	3.93	21.9	4.71	24.9	5.54
	39	9.79	2.25	12.2	2.71	15.5	3.40	17.1	3.77	18.7	4.16	21.9	4.99	24.9	5.87

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

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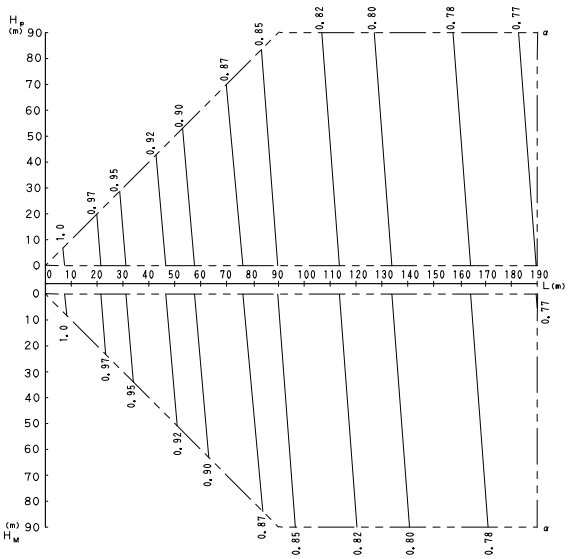
9.4 Capacity Correction Factor

RXQ6TY1 / RXQ8TY1

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ6, 8TY1 RXQ6, 8TYL	φ 19.1	φ 9.5

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type	
Outer diameter	φ9.5	φ12.7	φ19.1	φ22.2
Minimum Wall Thickness	0.80	0.80	0.80	0.80

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   - Condition: Indoor unit combination ratio does not exceed 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
     X Capacity change rate due to piping length to the farthest indoor unit
   - Condition: Indoor unit combination ratio exceeds 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
     X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.

   [Diameter of above case]

Model	gas	liquid
RXQ6, 8TY1 RXQ6, 8TYL	φ 22.2	φ 12.7

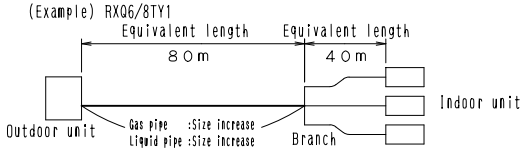
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length=
   (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

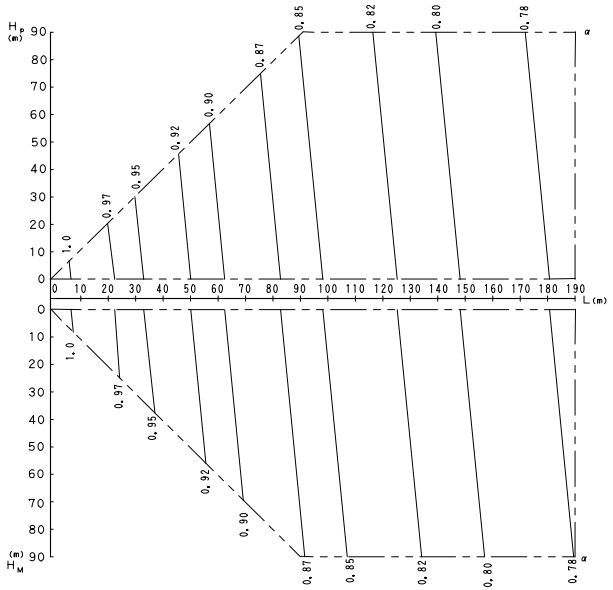
(Example) RXQ6/8TY1



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.86

3D085299B

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ10TY1 RXQ10TYL	φ 22.2	φ 9.5

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type	
Outer diameter	φ9.5	φ12.7	φ22.2	φ25.4
Minimum Wall Thickness	0.80	0.80	0.80	0.88

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   - Condition: Indoor unit combination ratio does not exceed 100%.

     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
     X Capacity change rate due to piping length to the farthest indoor unit
   - Condition: Indoor unit combination ratio exceeds 100%.

     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
     X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ10TY1 RXQ10TYL	φ 25.4✱	φ 12.7

✱ If available on the site, use this size. Otherwise, not increased.

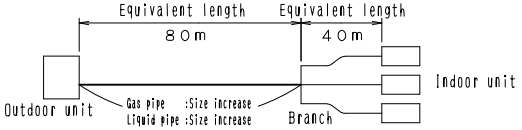
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length=
   (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

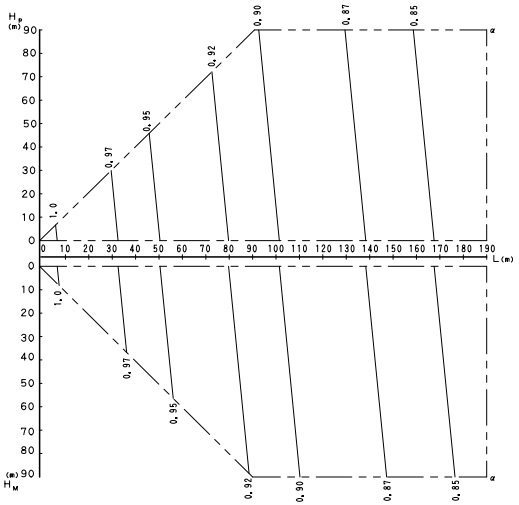
(Example) RXQ10TY1



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.87

3D085302B

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ12, 14T	φ 28.6	φ 12.7
RXQ24T	φ 34.9	φ 15.9
RXQ36T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type				
Outer diameter	φ12.7	φ15.9	φ19.1	φ22.2	φ28.6	φ34.9	φ41.3
Minimum Wall Thickness	0.80	0.99	0.80	0.80	0.99	1.21	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ12, 14T	Not Increased	φ 15.9
RXQ24T		φ 19.1
RXQ36T		φ 22.2

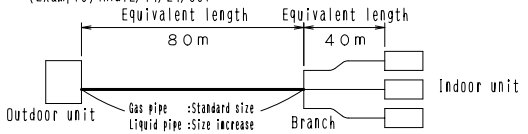
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor		
	Standard size	Size increase 12~14HP	Size increase 24~36HP
Cooling (gas pipe)	1.0		

(Example) RXQ12/14/24/36T

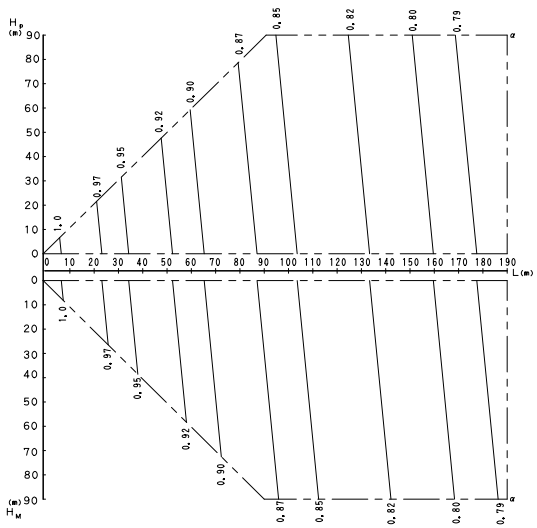


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.88

3D085303A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ16T	φ 28.6	φ 12.7

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type	
Outer diameter	φ12.7	φ15.9	φ28.6	φ31.8
Minimum Wall Thickness	0.80	0.99	0.99	1.10

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   • Condition: Indoor unit combination ratio does not exceed 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit
   • Condition: Indoor unit combination ratio exceeds 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ16T	φ 31.8※	φ 15.9

※ If available on the site, use this size. Otherwise, not increased.

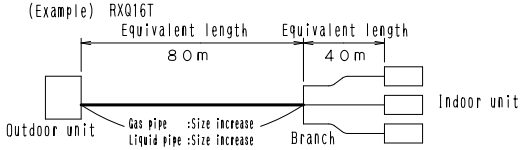
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

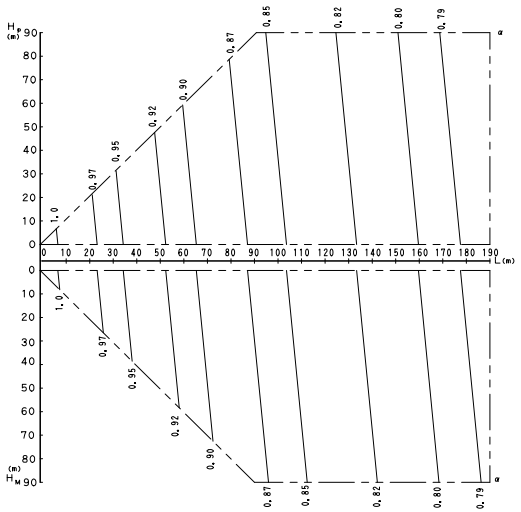
(Example) RXQ16T



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.88

3D085305A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ18T	φ 28.6	φ 15.9
RXQ26, 28, 30T	φ 34.9	φ 19.1
RXQ38, 40, 42, 44T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type						
Outer diameter	φ15.9	φ19.1	φ22.2	φ28.6	φ31.8	φ34.9	φ38.1	φ41.3
Minimum Wall Thickness	0.99	0.80	0.80	0.99	1.10	1.21	1.32	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ18T	φ 31.8✽	φ 19.1
RXQ26, 28, 30T	φ 38.1✽	φ 22.2
RXQ38, 40, 42, 44T	Not Increased	φ 22.2

✽ If available on the site, use this size. Otherwise, not increased.

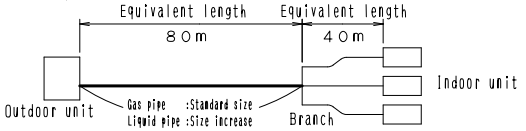
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor		
	Standard size	Size increase	
		18, 26, 28, 30 Hp	38, 40, 42, 44 Hp
Cooling (gas pipe)	1.0	0.5	

(Example) RXQ18/26/28/30/38/40/42/44T

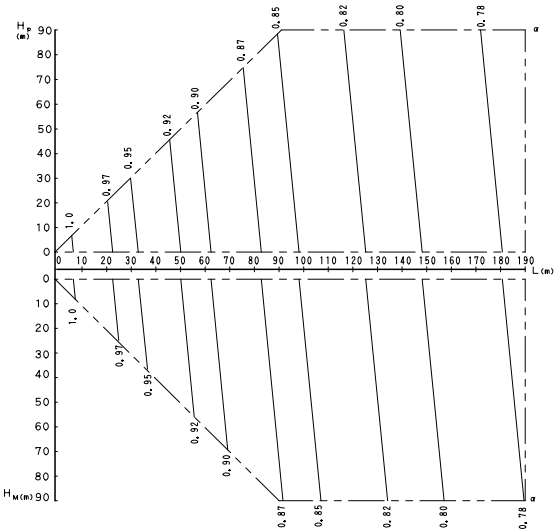


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.83

3D085308A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ20T	φ28.6	φ15.9
RXQ32, 34T	φ34.9	φ19.1

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type					
Outer diameter	φ15.9	φ19.1	φ22.2	φ28.6	φ31.8	φ34.9	φ38.1
Minimum Wall Thickness	0.99	0.80	0.80	0.99	1.10	1.21	1.32

[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.

   [Diameter of above case]

Model	gas	liquid
RXQ20T	φ31.8✱	φ19.1
RXQ32, 34T	φ38.1✱	φ22.2

   ✱ If available on the site, use this size. Otherwise, not increased.

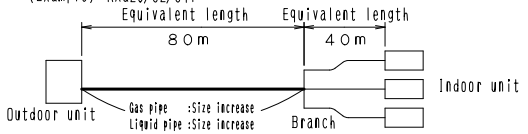
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length=
   (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

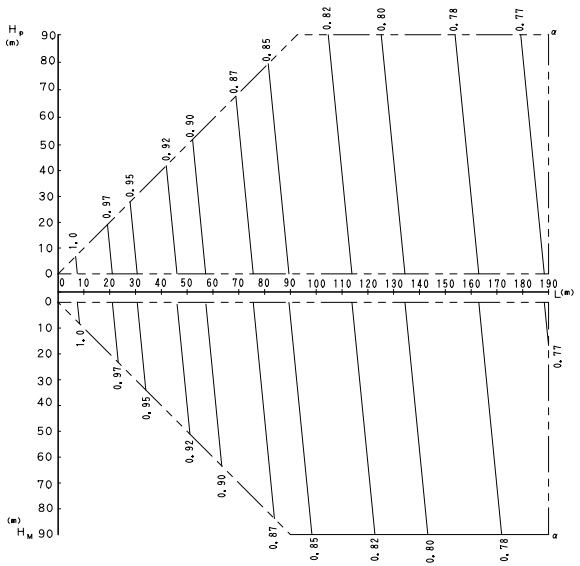
   (Example) RXQ20/32/34T



   In the above case
   (Cooling) Overall equivalent length=80m×0.5+40m=80m
   The rete of change in cooling capacity when Hp=0m is thus approximately 0.87

3D085311A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ22T	φ28.6	φ15.9

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type		
Outer diameter	φ15.9	φ19.1	φ28.6	φ31.8
Minimum Wall Thickness	0.99	0.80	0.99	1.10

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ22T	φ31.8✽	φ19.1

✽ If available on the site, use this size. Otherwise, not increased.

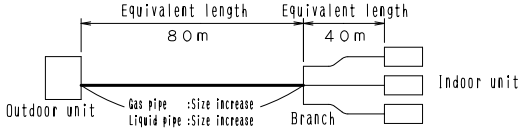
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

(Example) RXQ22T

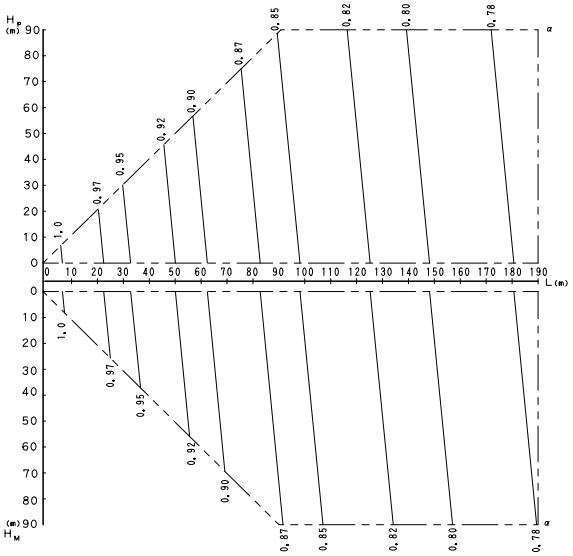


In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.86

3D085310A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ46T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ46T	Not Increased	φ 22.2

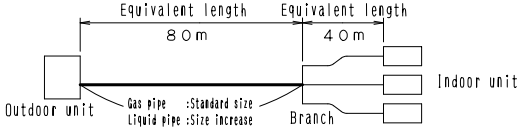
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

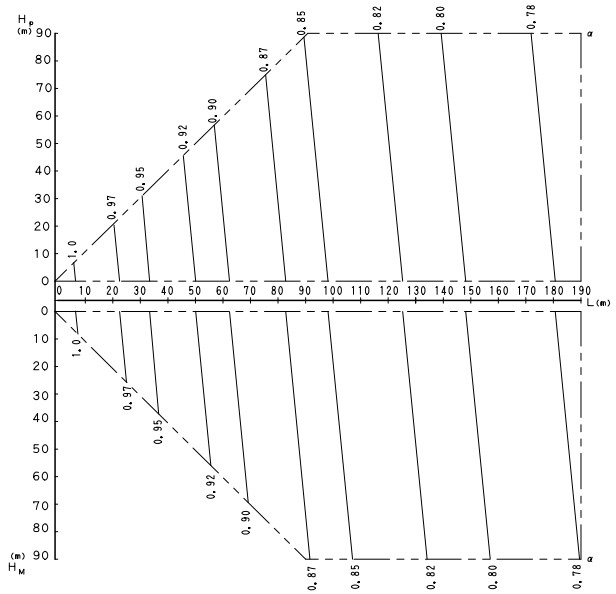
(Example) RXQ46T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

3D085313A

1. Rate of change in cooling capacity



[Explanation of symbols]

Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position

HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position

L : Equivalent pipe length(m)

α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ48T	φ41.3	φ19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ48T	Not Increased	φ22.2

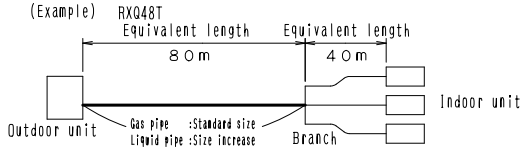
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

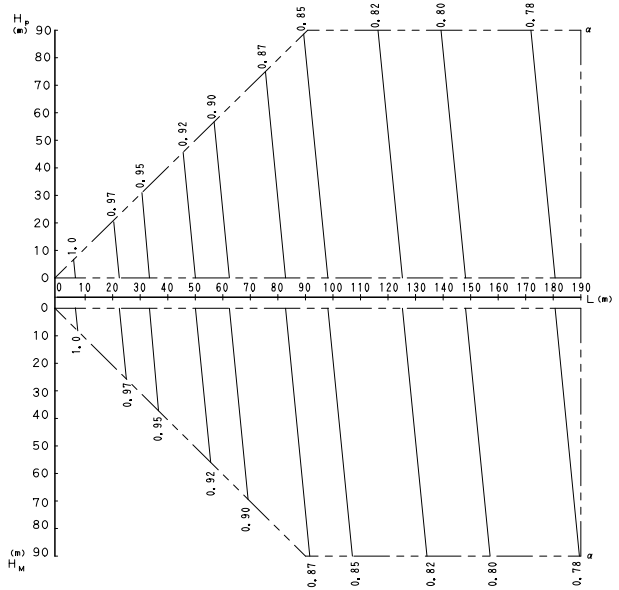
(Example) RXQ48T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

3D085314A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ50T	φ41.3	φ19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ50T	Not Increased	φ22.2

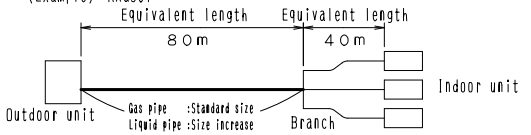
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

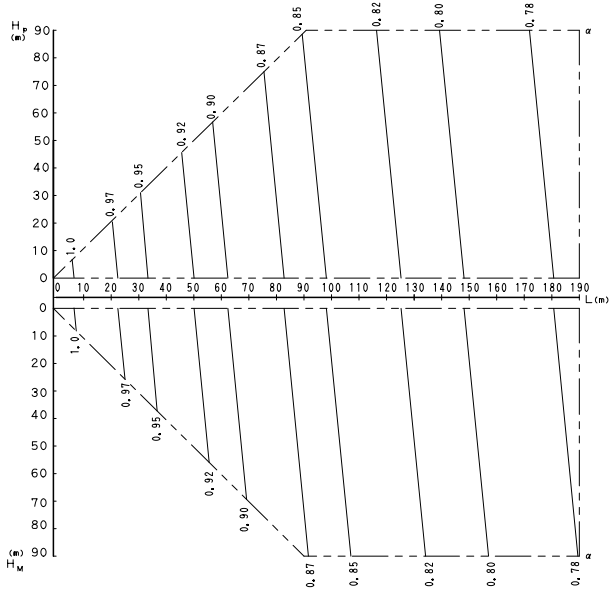
(Example) RXQ50T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

3D085318A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ52T	φ41.3	φ19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ52T	Not Increased	φ22.2

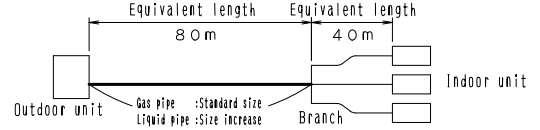
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

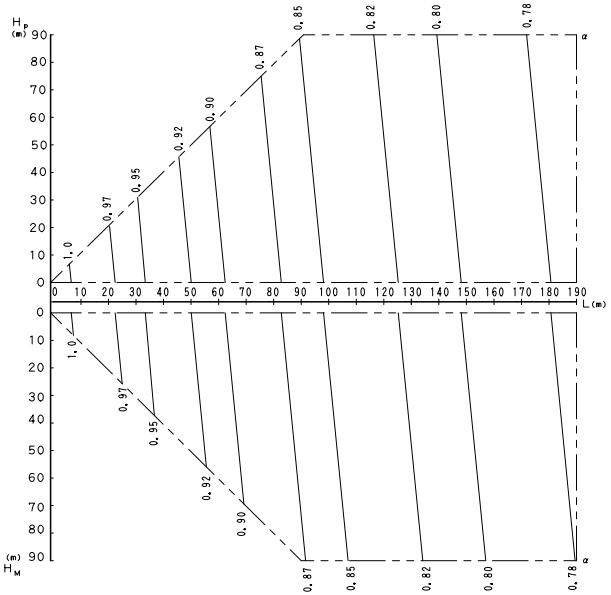
(Example) RXQ52T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

3D085320A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ54T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   • Condition: Indoor unit combination ratio does not exceed 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit
   • Condition: Indoor unit combination ratio exceeds 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ54T	Not Increased	φ 22.2

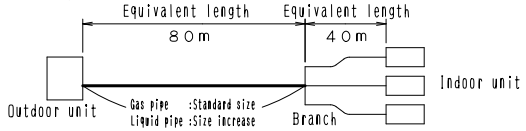
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

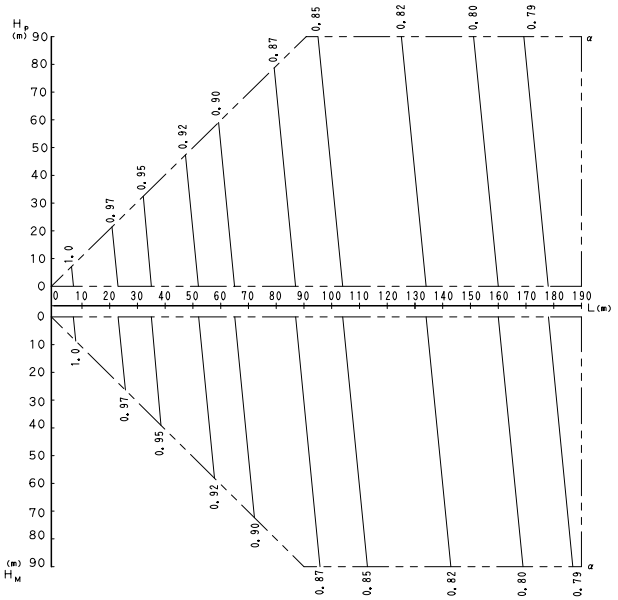
(Example) RXQ54T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

3D085322A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ56, 58T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   - Condition: Indoor unit combination ratio does not exceed 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
     X Capacity change rate due to piping length to the farthest indoor unit
   - Condition: Indoor unit combination ratio exceeds 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
     X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ56, 58T	Not Increased	φ 22.2

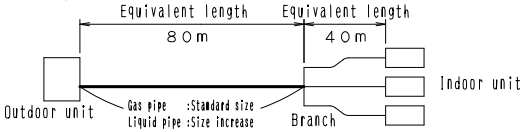
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length=
   (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

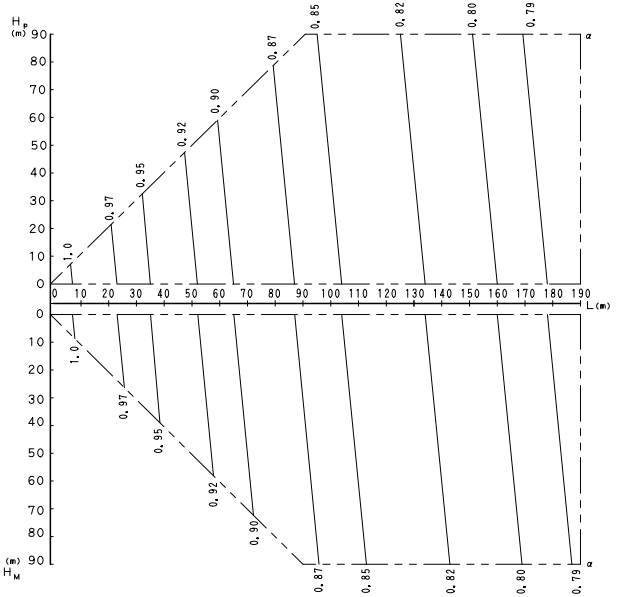
(Example) RXQ56/58T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.83

3D086203

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ60T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   - Condition: Indoor unit combination ratio does not exceed 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
     X Capacity change rate due to piping length to the farthest indoor unit
   - Condition: Indoor unit combination ratio exceeds 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
     X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ60T	Not Increased	φ 22.2

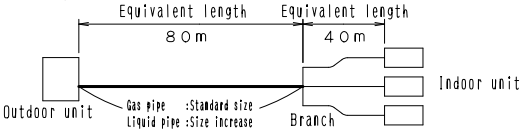
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

   (Example) RXQ60T

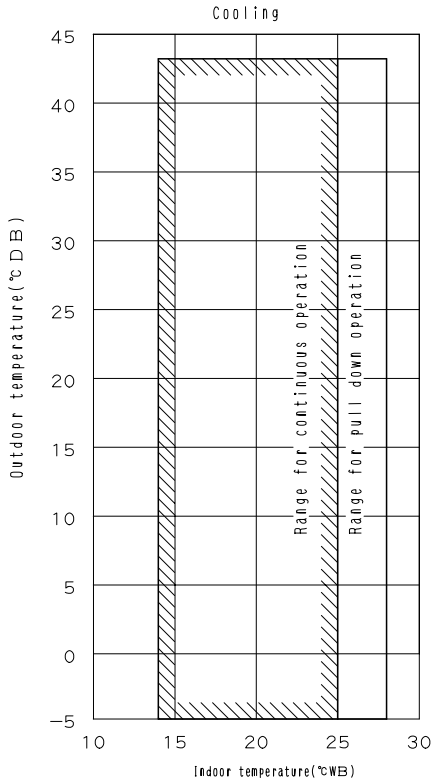


   In the above case
   (Cooling) Overall equivalent length=80m×1.0+40m=120m
   The rete of change in cooling capacity when Hp=0m is thus approximately 0.83

3D086205

10. Operation Limits

RXQ6TY1 / RXQ8TY1 / RXQ10TY1 / RXQ12TY1 / RXQ14TY1 / RXQ16TY1 / RXQ18TNY1 / RXQ20TNY1 / RXQ22TNY1 / RXQ24TNY1 / RXQ26TNY1 / RXQ28TNY1 / RXQ30TNY1 / RXQ32TNY1 / RXQ34TNY1 / RXQ36TNY1 / RXQ38TNY1 / RXQ40TNY1 / RXQ42TNY1 / RXQ44TNY1 / RXQ46TNY1 / RXQ48TNY1 / RXQ50TNY1 / RXQ52TNY1 / RXQ54TNY1 / RXQ56TNY1 / RXQ58TNY1 / RXQ60TNY1



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11. Sound Levels

11.1 Overall

dB(A)

Model	Sound pressure level
	380-415V, 50Hz
RXQ6TY1	55
RXQ8TY1	56
RXQ10TY1	57
RXQ12TY1	59
RXQ14TY1	60
RXQ16TY1	61
RXQ18TNY1	60
RXQ20TNY1	61
RXQ22TNY1	61
RXQ24TNY1	62

dB(A)

Model	Sound pressure level
	380-415V, 50Hz
RXQ26TNY1	63
RXQ28TNY1	63
RXQ30TNY1	64
RXQ32TNY1	64
RXQ34TNY1	63
RXQ36TNY1	64
RXQ38TNY1	64
RXQ40TNY1	65
RXQ42TNY1	65
RXQ44TNY1	65

dB(A)

Model	Sound pressure level
	380-415V, 50Hz
RXQ46TNY1	66
RXQ48TNY1	66
RXQ50TNY1	66
RXQ52TNY1	66
RXQ54TNY1	67
RXQ56TNY1	68
RXQ58TNY1	69
RXQ60TNY1	70

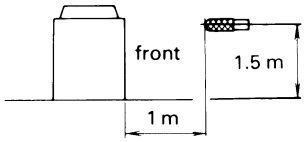
Note:

Sound pressure level:

Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.

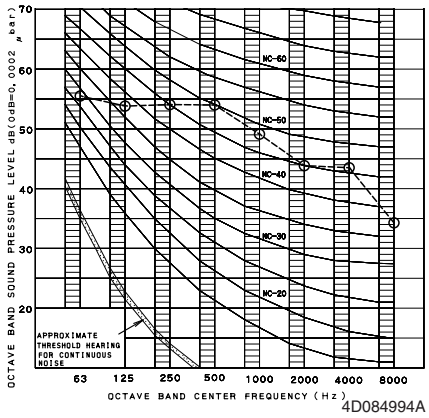
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Location of microphone



11.2 Octave Band Level

RXQ6TY1



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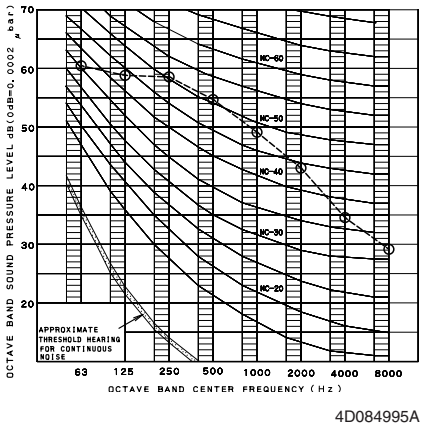
RXQ8TY1



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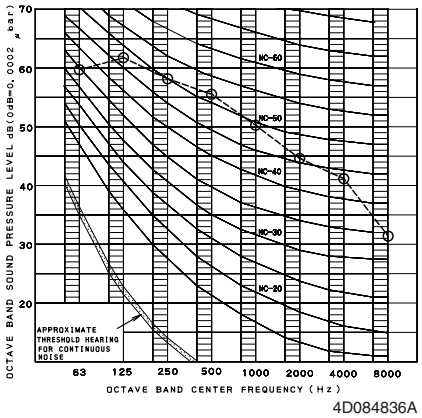
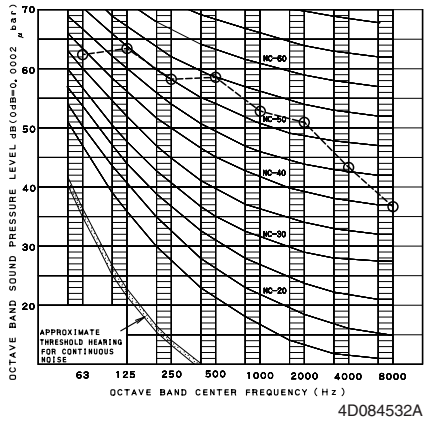
RXQ10TY1



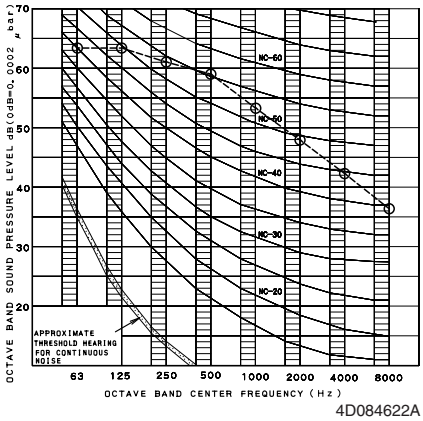
4D084836A

RXQ12TY1



4D084532A

RXQ14TY1



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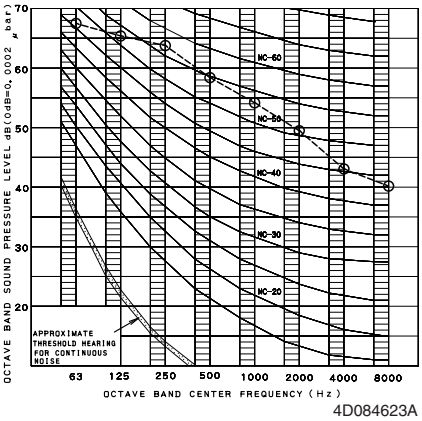
RXQ16TY1



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12. Accessories

12.1 Optional Accessories

Optional accessories		RXQ6TY1(E) RXQ8TY1(E) RXQ10TY1(E)	RXQ12TY1(E)	RXQ14TY1(E) RXQ16TY1(E)
Distributive Piping	Refnet header	KHRP26M22H (Max. 4 branch), KHRP26M33H (Max. 8 branch)	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)	
	Refnet joint	KHRP26A22T, KHRP26A33T	KHRP26A22T, KHRP26A33T, KHRP26A72T	

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Optional accessories		RXQ18TNY1(E) RXQ20TNY1(E)	RXQ22TNY1(E)	RXQ24TNY1(E) RXQ26TNY1(E)	RXQ28TNY1(E) RXQ30TNY1(E) RXQ32TNY1(E)
Distributive Piping	Refnet header	KHRP26M22H, KHRP26M33H, (Max. 4 branch) (Max. 8 branch) KHRP26M72H (Max. 8 branch)		KHRP26M22H, KHRP26M33H, (Max. 4 branch) (Max. 8 branch) KHRP26M72H, KHRP26M73H (Max. 8 branch) (Max. 8 branch)	
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T		KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T	
Pipe size reducer		—		KHRP26M73TP, KHRP26M73HP	
Outdoor unit multi connection piping kit		BHFP22P100			

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Optional accessories		RXQ34TNY1(E) RXQ36TNY1(E)	RXQ38TNY1(E) RXQ40TNY1(E)	RXQ42TNY1(E) RXQ44TNY1(E)	RXQ46TNY1(E) RXQ48TNY1(E) RXQ50TNY1(E) RXQ52TNY1(E) RXQ54TNY1(E) RXQ56TNY1(E) RXQ58TNY1(E) RXQ60TNY1(E)
Distributive Piping	Refnet header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)			
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T			
Pipe size reducer		KHRP26M73TP, KHRP26M73HP			
Outdoor unit multi connection piping kit		BHFP22P151			

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Part 8
RXQ-T(S)
Cooling Only 50Hz
Space Saving Type

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1. Specifications

1.1 Cooling Only 50Hz Space Saving Type (RXQ-T(S))

Model Name (Combination Unit)			RXQ18TY1(E)	RXQ20TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	43,000	48,200
		Btu/h	171,000	191,000
		kW	50.0	56.0
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×1,240×765	1,657×1,240×765
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m³/h	16.27+17.54	16.90+26.28
	Number of Revolutions	r/min	7,680+8,280	7,980+8,250
	Motor Output× Number of Units	kW	(4.4×1)+(4.0×1)	(4.6×1)+(5.5×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	0.75×2	0.75×2
	Airflow Rate	m³/min	233	268
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ15.9 C1220T (Brazing connection)	ϕ15.9 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	285	320
★2 Sound pressure level		dB(A)	62	65
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	10-100	8-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.5	11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.			C: 4D084977A	C: 4D084880A

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3

Model Name (Combination Unit)			RXQ22TSY1(E)	RXQ24TSY1(E)
Model Name (Independent Unit)			RXQ10TY1(E)+RXQ12TY1(E)	RXQ12TY1(E)+RXQ12TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	52,900	57,600
		Btu/h	210,000	229,000
		kW	61.5	67.0
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(24.37)+(24.68)	(24.68)+(24.68)
	Number of Revolutions	r/min	(7,650)+(7,746)	(7,746)+(7,746)
	Motor Output× Number of Units	kW	(4.1×1)+(5.2×1)	(5.2×1)+(5.2×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)
	Airflow Rate	m^3/min	165+178	178+178
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ15.9 C1220T (Brazing connection)	ϕ15.9 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	195+195	195+195
★2 Sound pressure level		dB(A)	61	62
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	8-100	8-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.0+6.3	6.3+6.3
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			**RXQ26TSY1(E)**	**RXQ28TSY1(E)**
Model Name (Independent Unit)			**RXQ8TY1(E)+RXQ18TY1(E)**	**RXQ12TY1(E)+RXQ16TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	62,300	67,500
		Btu/h	247,000	268,000
		kW	72.4	78.5
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.24)+(16.27+17.54)	(24.68)+(16.27+17.54)
	Number of Revolutions	r/min	(7,668)+(7,680+8,280)	(7,746)+(7,680+8,280)
	Motor Output× Number of Units	kW	(3.4×1)+(4.4×1)+(4.0×1)	(5.2×1)+(3.6×1)+(3.7×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.75×2)	(0.55×1)+(0.75×2)
	Airflow Rate	m^3/min	157+233	178+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	185+285	195+285
★2 Sound pressure level		dB(A)	63	63
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	7-100	6-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	5.9+10.5	6.3+10.4
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ30TSY1(E)	RXQ32TSY1(E)
Model Name (Independent Unit)			RXQ12TY1(E)+RXQ18TY1(E)	RXQ12TY1(E)+RXQ20TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	71,800	77,000
		Btu/h	285,000	305,000
		kW	83.5	89.5
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(24.68)+(16.27+17.54)	(24.68)+(16.90+26.28)
	Number of Revolutions	r/min	(7,746)+(7,680+8,280)	(7,746)+(7,980+8,250)
	Motor Output× Number of Units	kW	(5.2×1)+(4.4×1)+(4.0×1)	(5.2×1)+(4.6×1)+(5.5×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.75×2)	(0.55×1)+(0.75×2)
	Airflow Rate	m^3/min	178+233	178+268
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	195+285	195+320
★2 Sound pressure level		dB(A)	64	66
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	6-100	5-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.3+10.5	6.3+11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			**RXQ34TSY1(E)**	**RXQ36TSY1(E)**
Model Name (Independent Unit)			**RXQ16TY1(E)+RXQ18TY1(E)**	**RXQ18TY1(E)+RXQ18TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	81,700	86,000
		Btu/h	324,000	341,000
		kW	95.0	100
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.27+17.54)+(16.27+17.54)	(16.27+17.54)+(16.27+17.54)
	Number of Revolutions	r/min	(7,680+8,280)+(7,680+8,280)	(7,680+8,280)+(7,680+8,280)
	Motor Output× Number of Units	kW	(3.6×1)+(3.7×1)+(4.4×1)+(4.0×1)	(4.4×1)+(4.0×1)+(4.4×1)+(4.0×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	233+233	233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	285+285	285+285
★2 Sound pressure level		dB(A)	65	65
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	5-100	5-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.4+10.5	10.5+10.5
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ38TSY1(E)	RXQ40TSY1(E)
Model Name (Independent Unit)			RXQ18TY1(E)+RXQ20TY1(E)	RXQ20TY1(E)+RXQ20TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	91,200	96,300
		Btu/h	362,000	382,000
		kW	106	112
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(16.27+17.54)+(16.90+26.28)	(16.90+26.28)+(16.90+26.28)
	Number of Revolutions	r/min	(7,680+8,280)+(7,980+8,250)	(7,980+8,250)+(7,980+8,250)
	Motor Output× Number of Units	kW	(4.4×1)+(4.0×1)+(4.6×1)+(5.5×1)	(4.6×1)+(5.5×1)+(4.6×1)+(5.5×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	233+268	268+268
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	285+320	320+320
★2 Sound pressure level		dB(A)	67	68
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	4-100	4-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	10.5+11.8	11.8+11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			**RXQ42TSY1(E)**	**RXQ44TSY1(E)**
Model Name (Independent Unit)			**RXQ12TY1(E)+RXQ12TY1(E)+RXQ18TY1(E)**	**RXQ12TY1(E)+RXQ12TY1(E)+RXQ20TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	101,000	106,000
		Btu/h	399,000	420,000
		kW	117	123
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×930×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(24.68)+(24.68)+(16.27+17.54)	(24.68)+(24.68)+(16.90+26.28)
	Number of Revolutions	r/min	(7,746)+(7,746)+(7,680+8,280)	(7,746)+(7,746)+(7,980+8,250)
	Motor Output× Number of Units	kW	(5.2×1)+(5.2×1)+(4.4×1)+(4.0×1)	(5.2×1)+(5.2×1)+(4.6×1)+(5.5×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.55×1)+(0.75×2)	(0.55×1)+(0.55×1)+(0.75×2)
	Airflow Rate	m^3/min	178+178+233	178+178+268
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	195+195+285	195+195+320
★2 Sound pressure level		dB(A)	65	67
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	4-100	4-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.3+6.3+10.5	6.3+6.3+11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			RXQ46TSY1(E)	RXQ48TSY1(E)
Model Name (Independent Unit)			RXQ12TY1(E)+RXQ16TY1(E)+RXQ18TY1(E)	RXQ12TY1(E)+RXQ18TY1(E)+RXQ18TY1(E)
Power Supply			3 phase, 380-415V, 50Hz	3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	111,000	115,000
		Btu/h	440,000	457,000
		kW	129	134
Casing Color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil	Cross fin coil
Comp.	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Displacement	m^3/h	(24.68)+(16.27+17.54)+(16.27+17.54)	(24.68)+(16.27+17.54)+(16.27+17.54)
	Number of Revolutions	r/min	(7,746)+(7,680+8,280)+(7,680+8,280)	(7,746)+(7,680+8,280)+(7,680+8,280)
	Motor Output× Number of Units	kW	(5.2×1)+(3.6×1)+(3.7×1)+(4.4×1)+(4.0×1)	(5.2×1)+(4.4×1)+(4.0×1)+(4.4×1)+(4.0×1)
	Starting Method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor Output	kW	(0.55×1)+(0.75×2)+(0.75×2)	(0.55×1)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	178+233+233	178+233+233
	Drive		Direct drive	Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	195+285+285	195+285+285
★2 Sound pressure level		dB(A)	66	66
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	4-100	4-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	kg	6.3+10.4+10.5	6.3+10.5+10.5
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.				

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

Model Name (Combination Unit)			**RXQ50TSY1(E)**
Model Name (Independent Unit)			**RXQ12TY1(E)+RXQ18TY1(E)+RXQ20TY1(E)**
Power Supply			3 phase, 380-415V, 50Hz
★1 Cooling Capacity		kcal/h	120,000
		Btu/h	478,000
		kW	140
Casing Color			Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat Exchanger			Cross fin coil
Comp.	Type		Hermetically sealed scroll type
	Displacement	m^3/h	(24.68)+(16.27+17.54)+(16.90+26.28)
	Number of Revolutions	r/min	(7,746)+(7,680+8,280)+(7,980+8,250)
	Motor Output× Number of Units	kW	(5.2×1)+(4.4×1)+(4.0×1)+(4.6×1)+(5.5×1)
	Starting Method		Soft start
Fan	Type		Propeller fan
	Motor Output	kW	(0.55×1)+(0.75×2)+(0.75×2)
	Airflow Rate	m^3/min	178+233+268
	Drive		Direct drive
Connecting Pipes	Liquid Pipe	mm	ϕ19.1 C1220T (Brazing connection)
	Gas Pipe	mm	ϕ41.3 C1220T (Brazing connection)
Mass		kg	195+285+320
★2 Sound pressure level		dB(A)	67
Safety Devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity Control		%	3-100
Refrigerant	Refrigerant Name		R410A
	Charge	kg	6.3+10.5+11.8
	Control		Electronic expansion valve
Refrigerator Oil			Refer to the nameplate of compressor
Standard Accessories			Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.			

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5m, level difference: 0m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.
3. Refer to **Capacity Tables** for the power input (PI) (Compressor + Outdoor fan motor).
4. Models with (E) feature components treated for heat and rust corrosion resistance, such as external panels, fan motor, and electric component box, in addition to the fins of the heat exchanger. These models are designed specifically for use in areas which are subject to salt damage and atmospheric pollution. Please contact Daikin for more information.

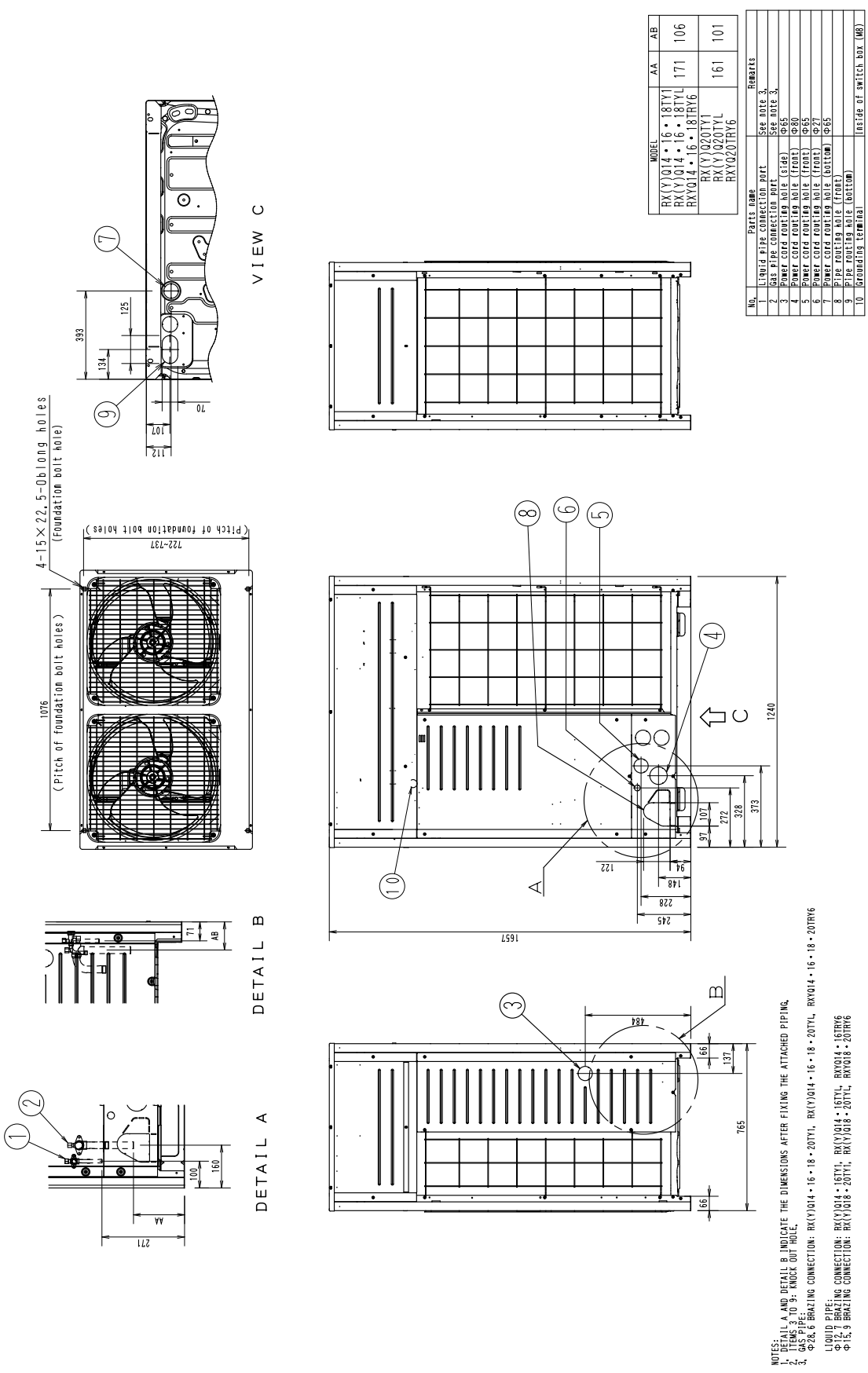
Conversion Formulae
kcal/h=kW×860 Btu/h=kW×3412 cfm=m^3/min×35.3

2. Dimensions

2.1 Independent Unit

RXQ18TY1 / RXQ20TY1

Unit (mm)

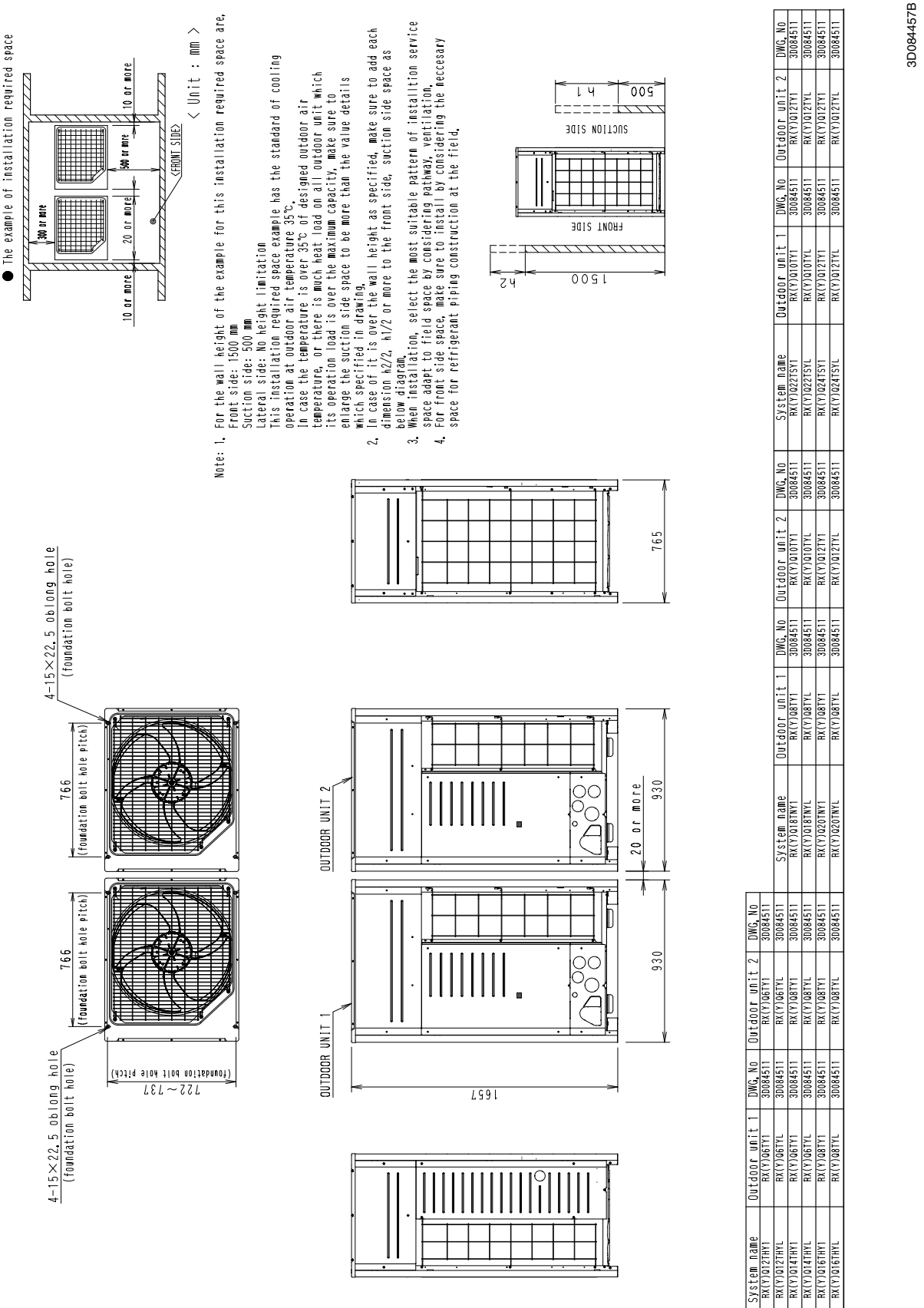


2.2 Combination Unit

RXQ22TSY1 / RXQ24TSY1

Unit (mm)

3D084457B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q12TAHY1	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511
RX(Y)Q12THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511
RX(Y)Q14TAHY1	RX(Y)Q6TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q14THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q16TAHY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q16THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q12TAHY1	RX(Y)Q6TY1	3D084511	RX(Y)Q6TY1	3D084511
RX(Y)Q12THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q6TYL	3D084511
RX(Y)Q14TAHY1	RX(Y)Q6TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q14THYL	RX(Y)Q6TYL	3D084511	RX(Y)Q8TYL	3D084511
RX(Y)Q16TAHY1	RX(Y)Q8TY1	3D084511	RX(Y)Q8TY1	3D084511
RX(Y)Q16THYL	RX(Y)Q8TYL	3D084511	RX(Y)Q8TYL	3D084511

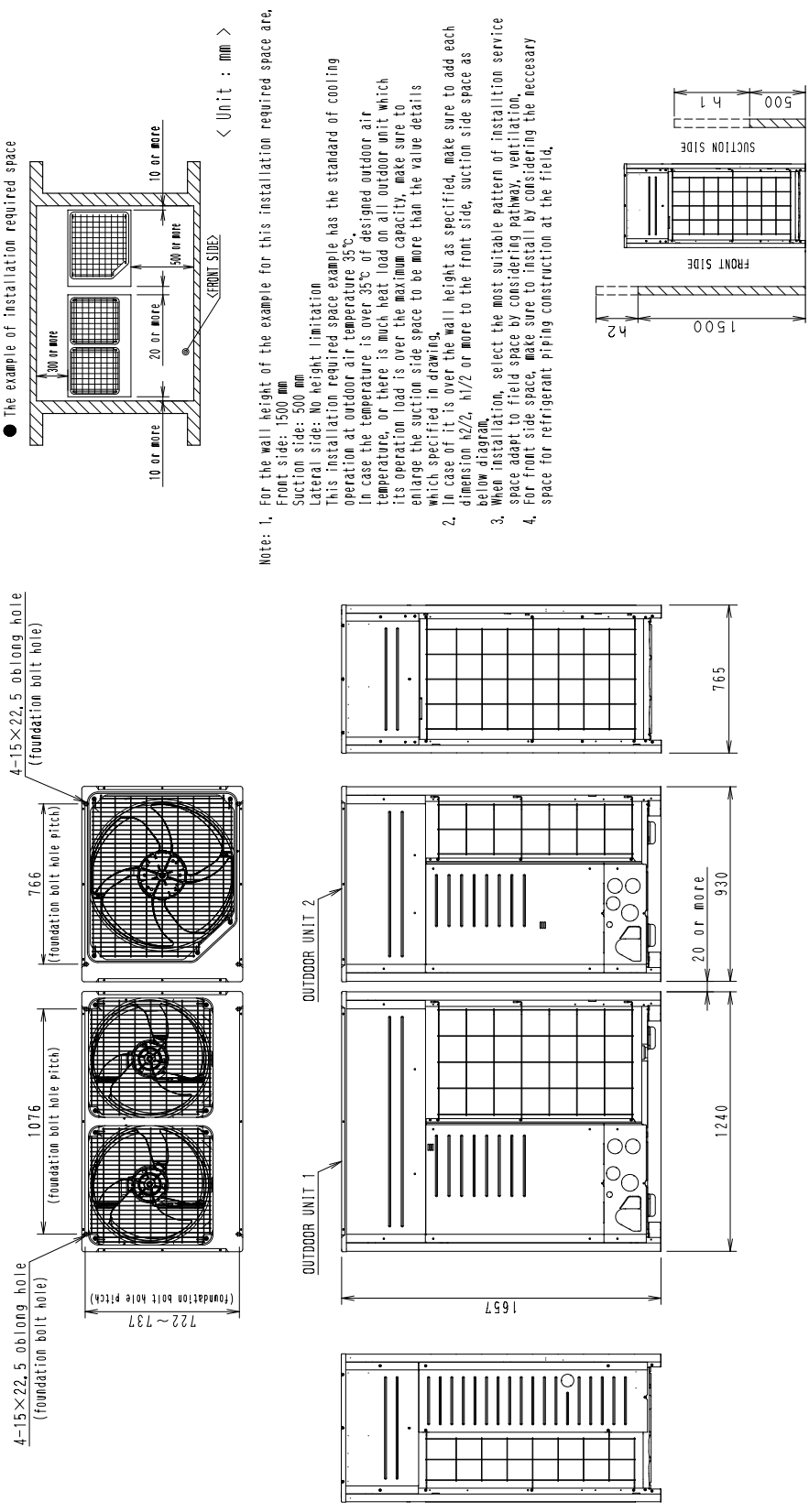
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q12TAHY1	RX(Y)Q6TY1	3D084511	RX(Y)Q10TY1	3D084511
RX(Y)Q12THYL	RX(Y)Q10TYL	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q14TAHY1	RX(Y)Q10TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q14THYL	RX(Y)Q10TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q16TAHY1	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q16THYL	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q12TAHY1	RX(Y)Q22TSY1	3D084511	RX(Y)Q10TY1	3D084511
RX(Y)Q12THYL	RX(Y)Q22TSYL	3D084511	RX(Y)Q10TYL	3D084511
RX(Y)Q14TAHY1	RX(Y)Q24TSY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q14THYL	RX(Y)Q24TSYL	3D084511	RX(Y)Q12TYL	3D084511

RXQ26TSY1 / RXQ28TSY1 / RXQ30TSY1 / RXQ32TSY1

Unit (mm)

3D084458B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q26TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q8TY1	3D084511
RX(Y)Q28TSY1	RX(Y)Q18TYL	3D084507	RX(Y)Q8TYL	3D084511
RX(Y)Q30TSY1	RX(Y)Q16TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q28TSYL	RX(Y)Q16TYL	3D084507	RX(Y)Q12TYL	3D084511
RX(Y)Q30TSYL	RX(Y)Q18TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q32TSY1	RX(Y)Q18TYL	3D084507	RX(Y)Q12TYL	3D084511
RX(Y)Q32TSYL	RX(Y)Q20TY1	3D084507	RX(Y)Q12TY1	3D084511
	RX(Y)Q20TYL	3D084507	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q22TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q8TY1	3D084511
RX(Y)Q22TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q8TYL	3D084511
RX(Y)Q24TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q10TY1	3D084511
RX(Y)Q24TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q10TYL	3D084511
RX(Y)Q26TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q12TY1	3D084511
RX(Y)Q26TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q12TYL	3D084511

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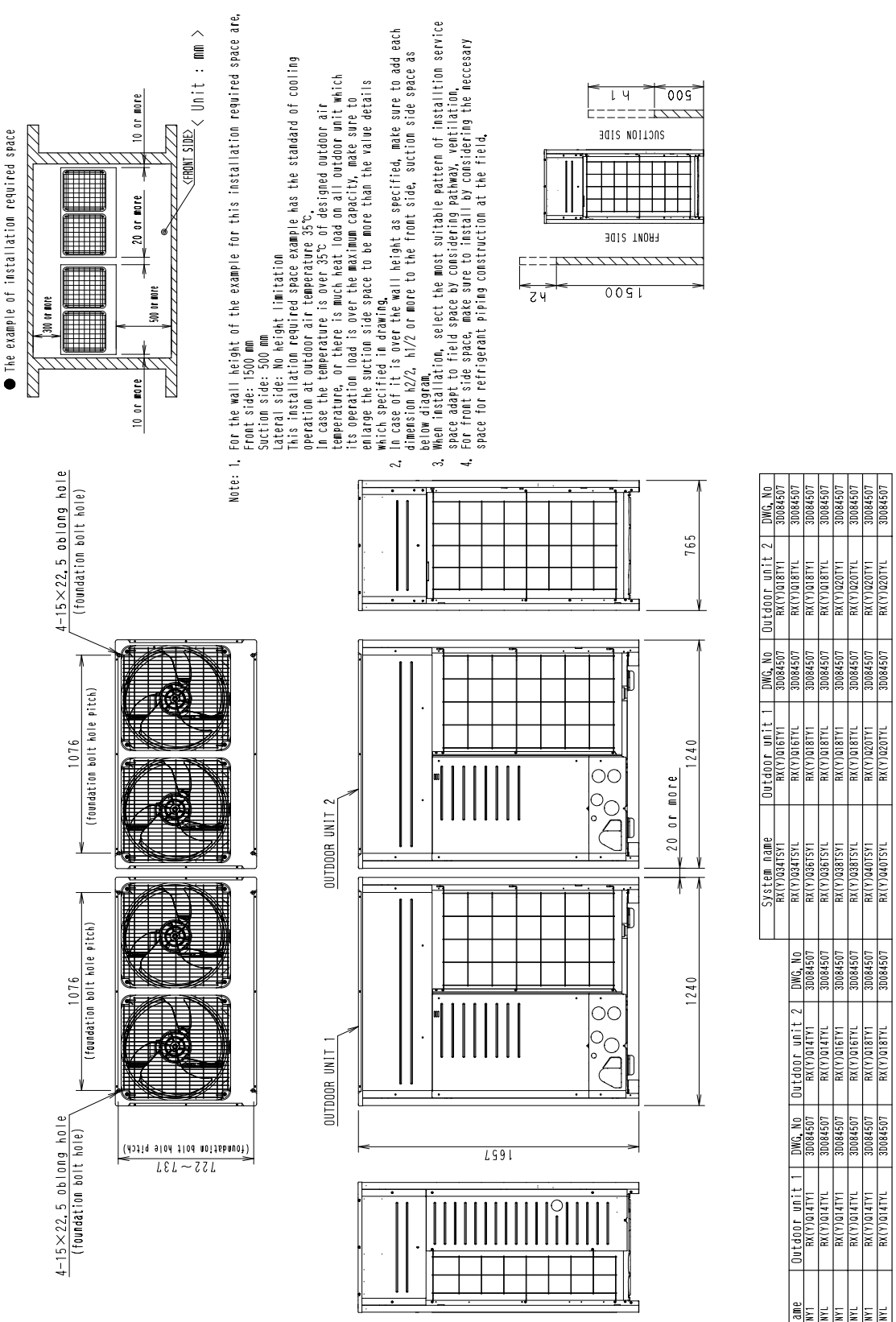
RXQ34TSY1 / RXQ36TSY1 / RXQ38TSY1 / RXQ40TSY1

Unit (mm)

3D084462B



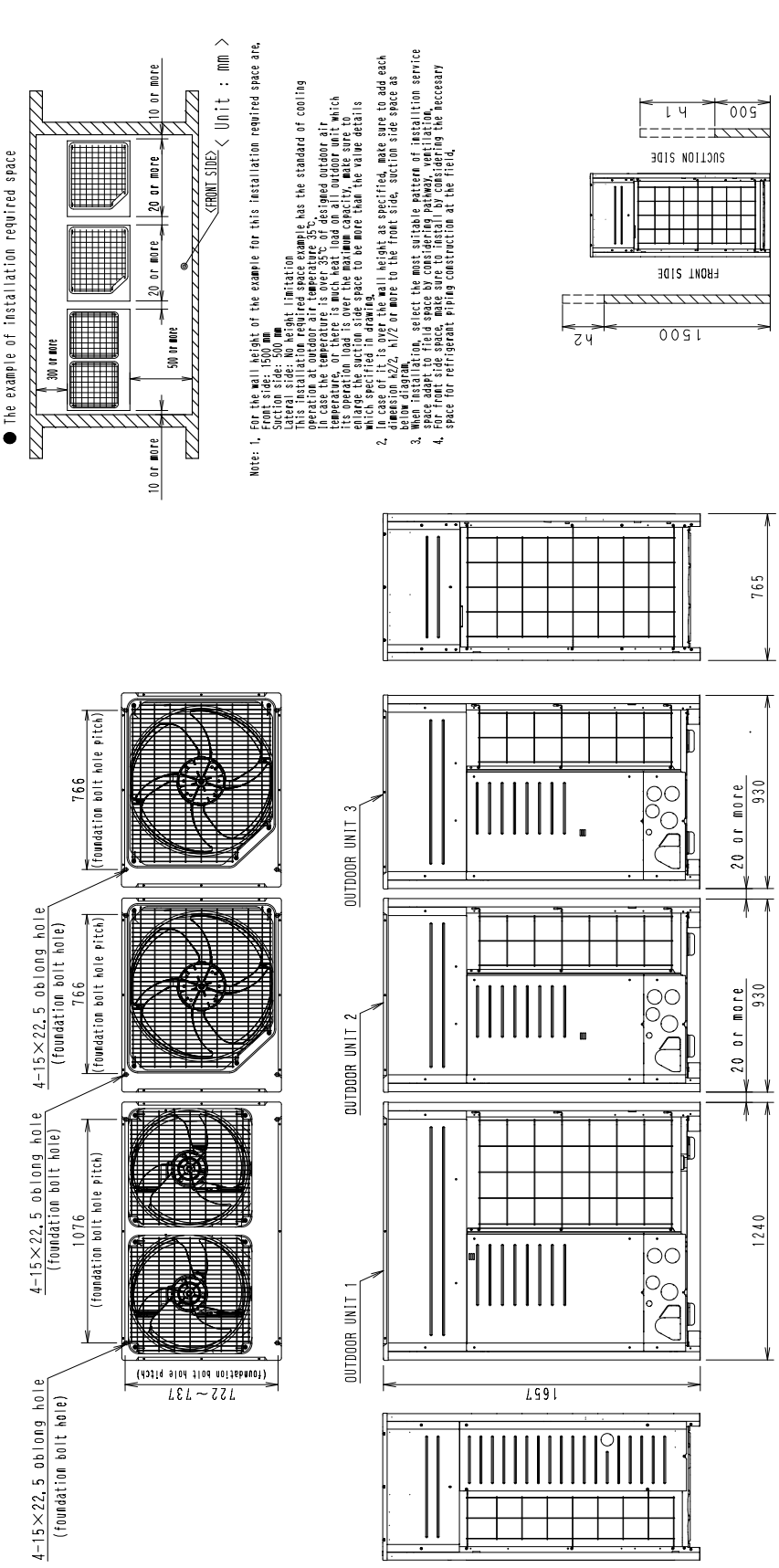
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q28TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q14TY1	3D084507
	RX(Y)Q14TYL	3D084507	RX(Y)Q14TYL	3D084507
RX(Y)Q28TNYL	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507
	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507
RX(Y)Q30TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q16TY1	3D084507
	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507
RX(Y)Q30TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q16TYL	3D084507
RX(Y)Q32TNY1	RX(Y)Q14TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q32TNYL	RX(Y)Q14TYL	3D084507	RX(Y)Q18TYL	3D084507

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No
RX(Y)Q34TSY1	RX(Y)Q16TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q34TSYL	RX(Y)Q16TYL	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q36TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q18TY1	3D084507
RX(Y)Q36TSYL	RX(Y)Q18TYL	3D084507	RX(Y)Q18TYL	3D084507
RX(Y)Q38TSY1	RX(Y)Q18TY1	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q38TSYL	RX(Y)Q18TYL	3D084507	RX(Y)Q20TYL	3D084507
RX(Y)Q40TSY1	RX(Y)Q20TY1	3D084507	RX(Y)Q20TY1	3D084507
RX(Y)Q40TSYL	RX(Y)Q20TYL	3D084507	RX(Y)Q20TYL	3D084507

RXQ42TSY1 / RXQ44TSY1

Unit (mm)

3D084528B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q34THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q8TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q34THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q38THY1	RX(Y)Q14TY1	3D084507	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q38THYL	RX(Y)Q14TYL	3D084507	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q38TNY1	RX(Y)Q16TY1	3D084507	RX(Y)Q8TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q38TNYL	RX(Y)Q16TYL	3D084507	RX(Y)Q8TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q40TNY1	RX(Y)Q16TY1	3D084507	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q40TNYL	RX(Y)Q16TYL	3D084507	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RX(Y)Q42TSY1	RX(Y)Q16TY1	3D084507	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q42TSYL	RX(Y)Q16TYL	3D084507	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511
RX(Y)Q44TSY1	RX(Y)Q20TY1	3D084507	RX(Y)Q12TY1	3D084511	RX(Y)Q12TY1	3D084511
RX(Y)Q44TSYL	RX(Y)Q20TYL	3D084507	RX(Y)Q12TYL	3D084511	RX(Y)Q12TYL	3D084511

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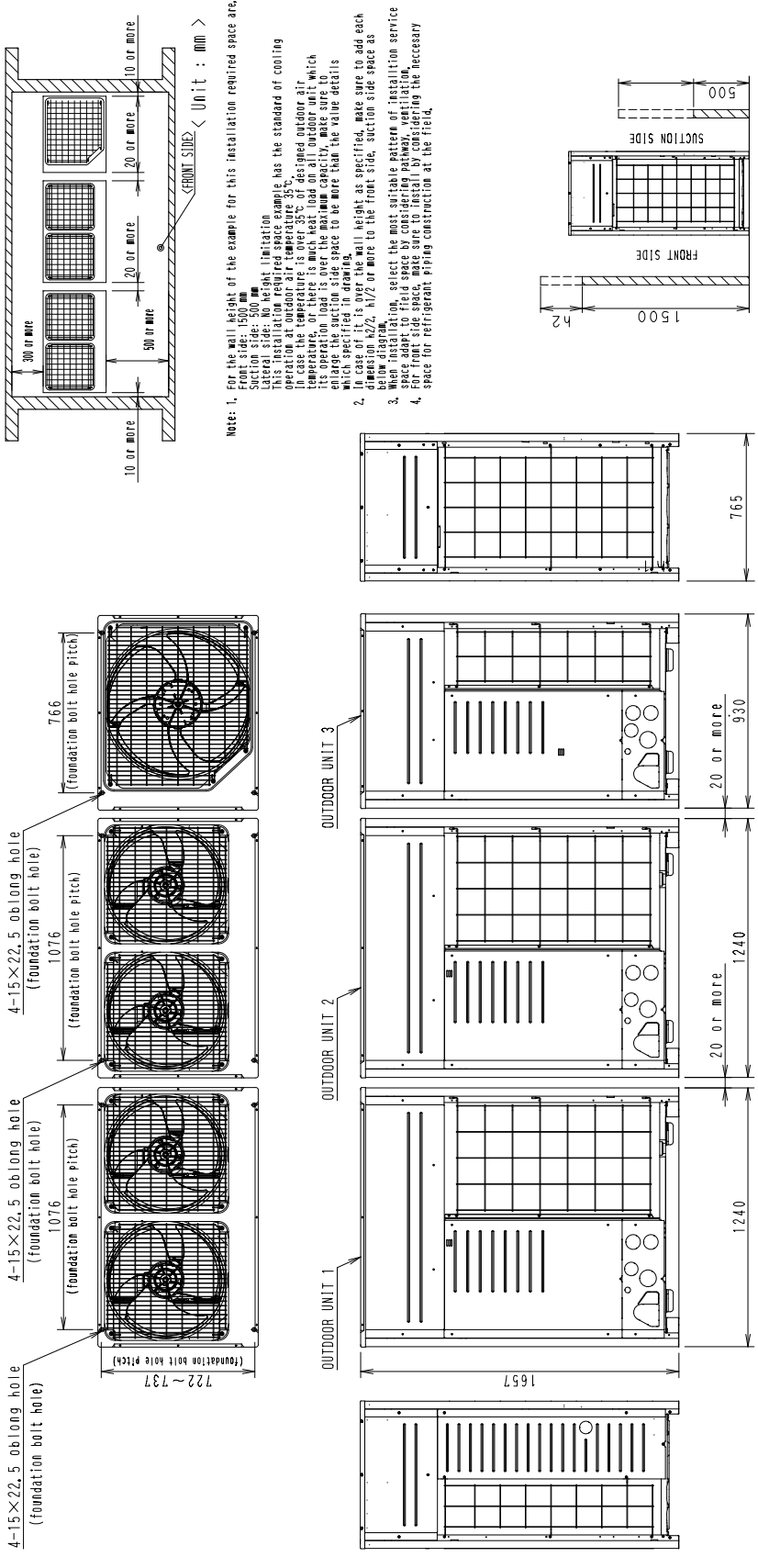
RXQ46TSY1 / RXQ48TSY1 / RXQ50TSY1

Unit (mm)

3D084464B



System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RXQ46TSY1	RXQ46T8Y1	3D084507	RXQ46T8Y1	3D084507	RXQ46T2TY1	3D084511
RXQ46T5YL	RXQ46T8YL	3D084507	RXQ46T8YL	3D084507	RXQ46T2TYL	3D084511
RXQ48TSY1	RXQ48T8Y1	3D084507	RXQ48T8Y1	3D084507	RXQ48T2TY1	3D084511
RXQ48T5YL	RXQ48T8YL	3D084507	RXQ48T8YL	3D084507	RXQ48T2TYL	3D084511
RXQ50TSY1	RXQ50T8Y1	3D084507	RXQ50T8Y1	3D084507	RXQ50T2TY1	3D084511
RXQ50T5YL	RXQ50T8YL	3D084507	RXQ50T8YL	3D084507	RXQ50T2TYL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RXQ46TAY1	RXQ46T8Y1	3D084507	RXQ46T8Y1	3D084507	RXQ46T2TY1	3D084511
RXQ46TAYL	RXQ46T8YL	3D084507	RXQ46T8YL	3D084507	RXQ46T2TYL	3D084511
RXQ48TAY1	RXQ48T8Y1	3D084507	RXQ48T8Y1	3D084507	RXQ48T2TY1	3D084511
RXQ48TAYL	RXQ48T8YL	3D084507	RXQ48T8YL	3D084507	RXQ48T2TYL	3D084511
RXQ50TAY1	RXQ50T8Y1	3D084507	RXQ50T8Y1	3D084507	RXQ50T2TY1	3D084511
RXQ50TAYL	RXQ50T8YL	3D084507	RXQ50T8YL	3D084507	RXQ50T2TYL	3D084511

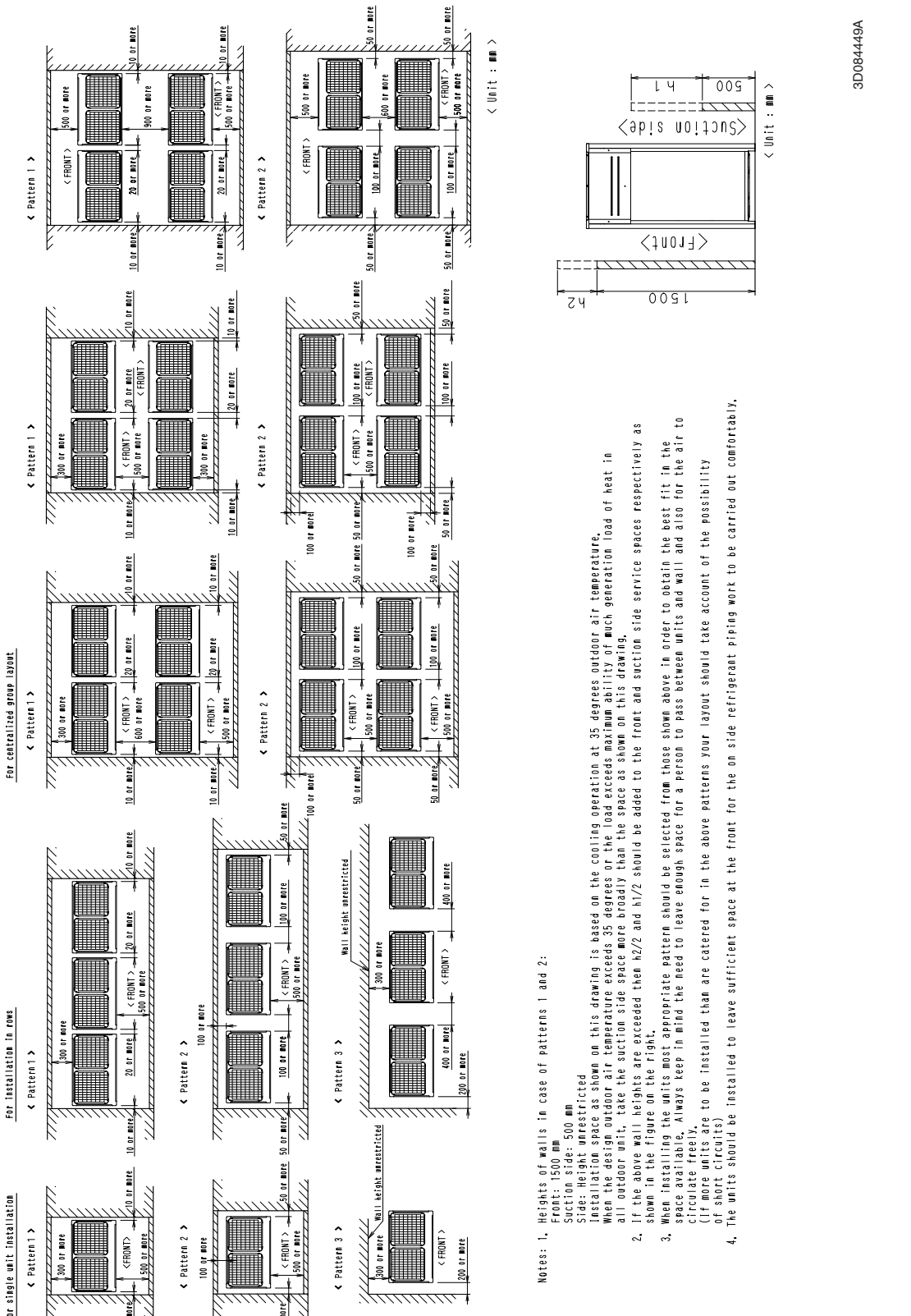
System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RXQ36TAY1	RXQ36T4Y1	3D084507	RXQ36T4Y1	3D084507	RXQ36T8Y1	3D084511
RXQ36TAYL	RXQ36T4YL	3D084507	RXQ36T4YL	3D084507	RXQ36T8YL	3D084511
RXQ40TAY1	RXQ40T4Y1	3D084507	RXQ40T4Y1	3D084507	RXQ40T8Y1	3D084511
RXQ40TAYL	RXQ40T4YL	3D084507	RXQ40T4YL	3D084507	RXQ40T8YL	3D084511

System name	Outdoor unit 1	DWG. No	Outdoor unit 2	DWG. No	Outdoor unit 3	DWG. No
RXQ42TAY1	RXQ42T4Y1	3D084507	RXQ42T4Y1	3D084507	RXQ42T8Y1	3D084511
RXQ42TAYL	RXQ42T4YL	3D084507	RXQ42T4YL	3D084507	RXQ42T8YL	3D084511
RXQ44TAY1	RXQ44T4Y1	3D084507	RXQ44T4Y1	3D084507	RXQ44T8Y1	3D084511
RXQ44TAYL	RXQ44T4YL	3D084507	RXQ44T4YL	3D084507	RXQ44T8YL	3D084511

3. Service Space

RXQ18TY1 / RXQ20TY1 / RXQ22TSY1 / RXQ24TSY1 / RXQ26TSY1 / RXQ28TSY1 / RXQ30TSY1 / RXQ32TSY1 / RXQ34TSY1 / RXQ36TSY1 / RXQ38TSY1 / RXQ40TSY1 / RXQ42TSY1 / RXQ44TSY1 / RXQ46TSY1 / RXQ48TSY1 / RXQ50TSY1

Unit (mm)



Notes: 1. Heights of walls in case of patterns 1 and 2:
Front: 1500 mm
Suction side: 500 mm
Side: Height unrestricted
Installation space as shown on this drawing is based on the cooling operation at 35 degrees outdoor air temperature.
When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability of much generation load of heat in all outdoor unit, take the suction side space more broadly than the space as shown on this drawing.
2. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
3. When installing the units most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available. Always keep in mind the need to leave enough space for a person to pass between units and wall and also for the air to circulate freely.
(If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits)
4. The units should be installed to leave sufficient space at the front for the on side refrigerant piping work to be carried out comfortably.

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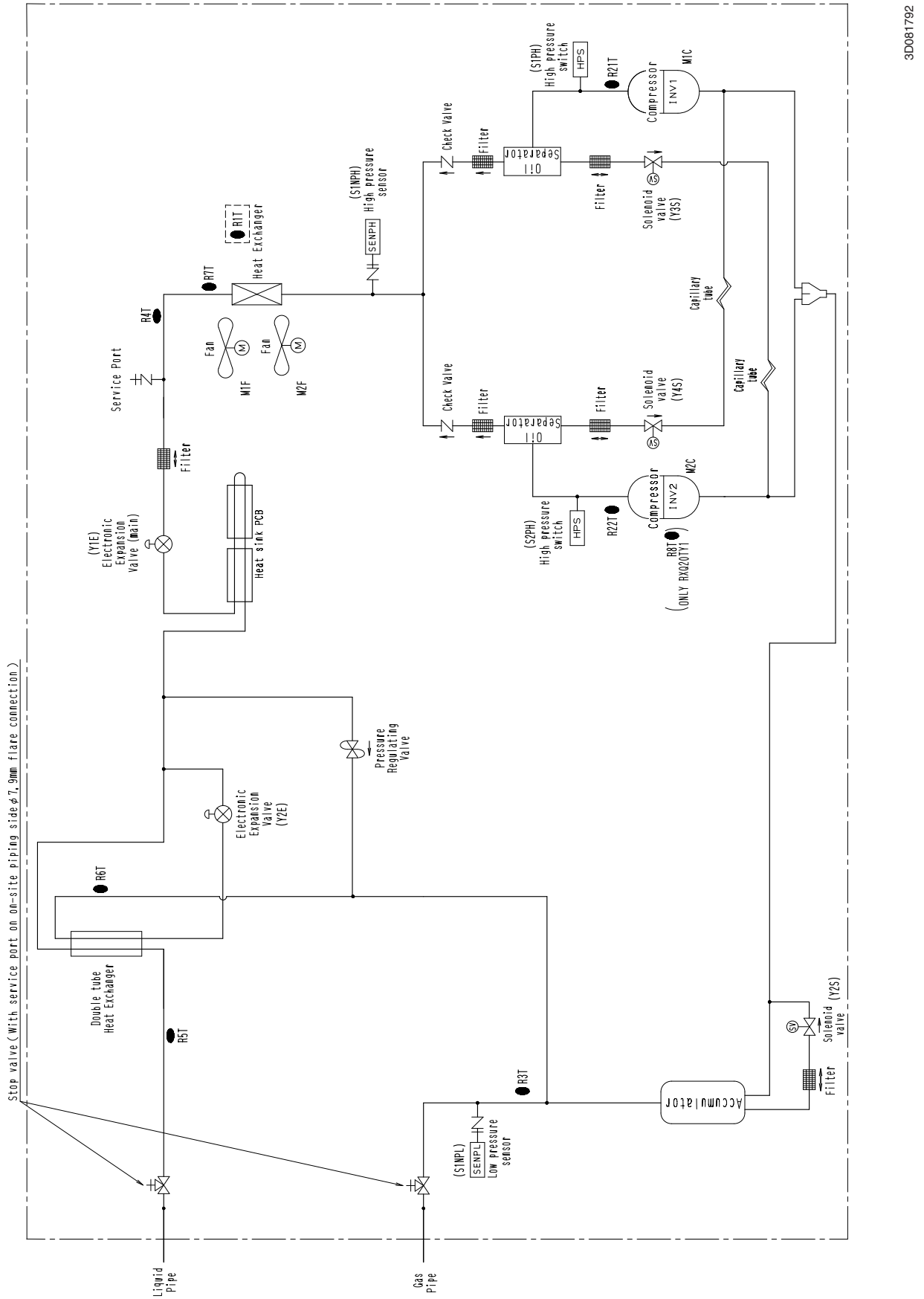
4. Piping Diagrams

RXQ18TY1 / RXQ20TY1



5. Wiring Diagrams

RXQ18TY1

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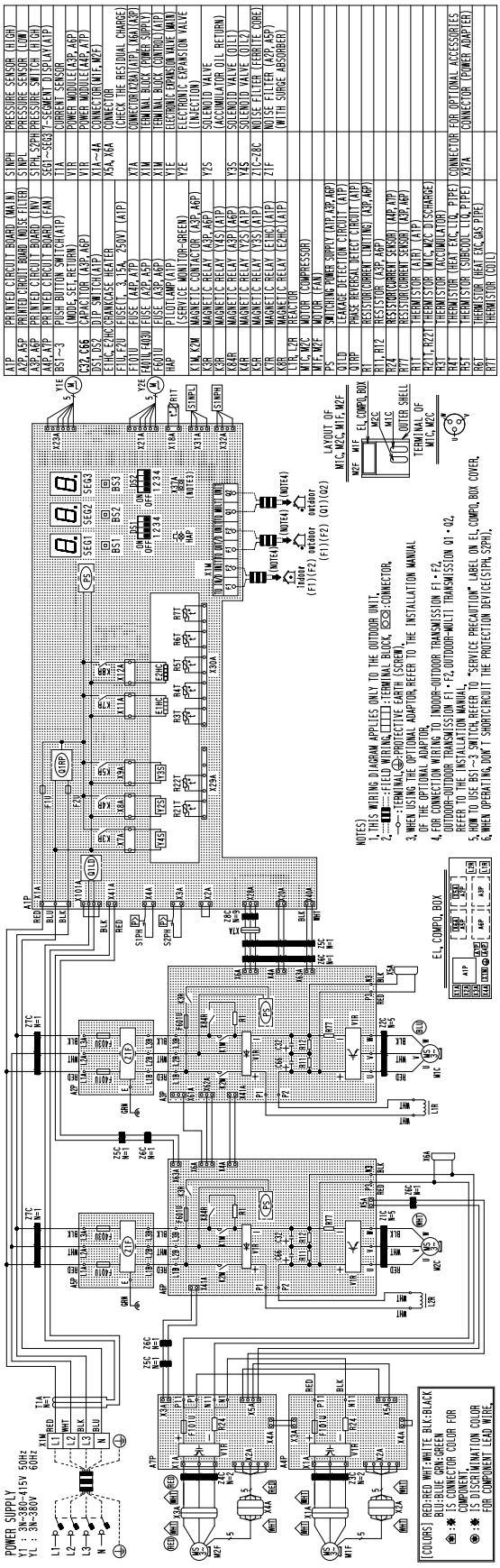
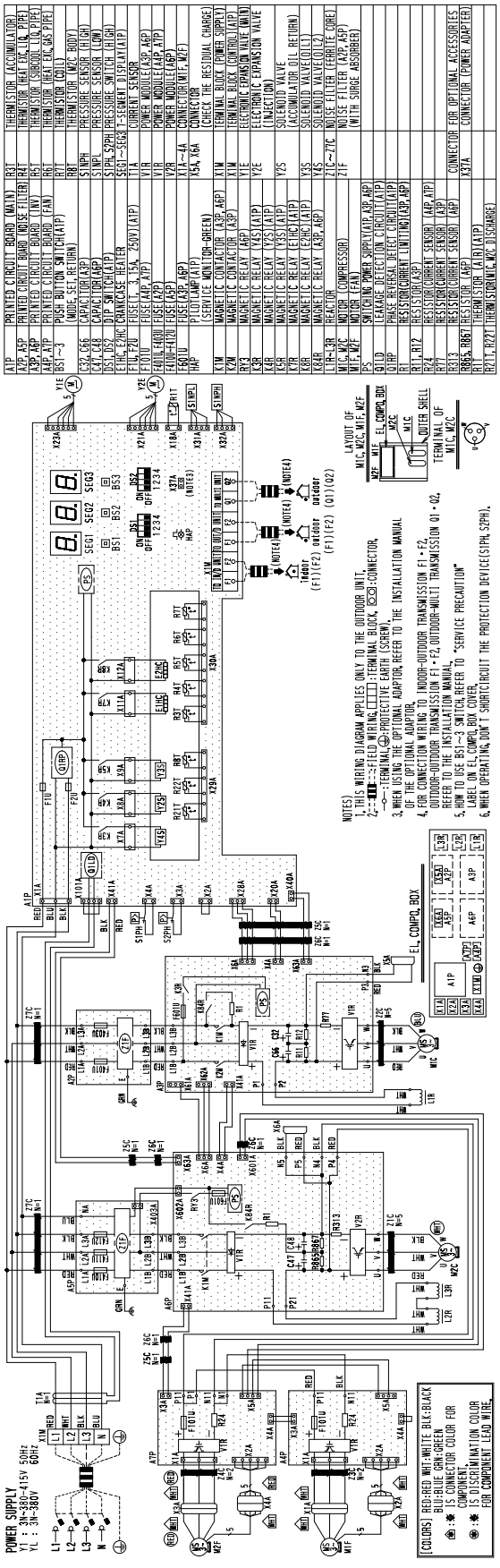


RXQ20TY1


2D081590D
A1P PRINTED CIRCUIT BOARD (MAIN)
A2P,A5P PRINTED CIRCUIT BOARD (NOISE FILTER)
A3P,A6P PRINTED CIRCUIT BOARD (FAN)
A4P,A7P PRINTED CIRCUIT BOARD (INV)
BS1~3 PUSH BUTTON SWITCH(A1P)
C22, C66 CAPACITOR(A1P)
C34, C48 CAPACITOR(A3P)
F1U,F2U FUSE(A1P, A2P)
F3U FUSE(A3P)
F4U(A1P) FUSE(A1P)
F4U(A2P) FUSE(A2P)
F5U FUSE(A3P, A6P)
H1P P.LIGHT(A1P)
(SERVICE MONITOR-GREEN)
K1M MAGNETIC CONTACTOR (A3P, A6P)
K2M MAGNETIC CONTACTOR (A3P)
K4P MAGNETIC RELAY (A4P)
K5R MAGNETIC RELAY (Y1S)(A1P)
K6R MAGNETIC RELAY (Y2S)(A1P)
K7R MAGNETIC RELAY (E1HC)(A1P)
K8R MAGNETIC RELAY (E2HC)(A1P)
K24R MAGNETIC RELAY (A3P,A6P)
L1R~3R REACTOR
M1C,M2C MOTOR (COMPRESSOR)
M1F,M2F MOTOR (FAN)
PS SWITCHING POWER SUPPLY(A1P,A3P,A6P)
Q1LD LEAKAGE DETECTION CIRCUIT(A1P)
Q1RP PHASE REVERSAL DETECT CIRCUIT(A1P)
R1 RESISTOR(CURRENT LIMIT)(A3P,A6P)
R11,R12 RESISTOR(A3P)
R24 RESISTOR(CURRENT SENSOR) (A4P,A7P)
R77 RESISTOR(CURRENT SENSOR) (A3P)
R313 RESISTOR(CURRENT SENSOR) (A6P)
R865,R867 RESISTOR (A4P)
R1T THERMISTOR (A1P)(A1P)
R217,R277 THERMISTOR(M1C,M2C DISCHARGE)
R32T THERMISTOR (A1P)
R34T THERMISTOR (HEAT EXCHANGER)
R5T THERMISTOR (SUBCOOL LIQ.PIPE)
R6T THERMISTOR (HEAT EXC.GAS PIPE)
R8T THERMISTOR (OUT.)
R9T THERMISTOR (M2C BODY)
S1NPH PRESSURE SENSOR (LOW)
S2NPH PRESSURE SENSOR (HIGH)
S1PH, S2PH PRESSURE SWITCH (HIGH)
S51C~53C CURRENT SENSOR
T1A POWER MODULE(A3P, A6P)
V1R TERMINAL BLOCK (POWER SUPPLY)
V2R TERMINAL BLOCK (CONTROL)(A1P)
V3R POWER MODULE(A4P, A7P)
Y1E ELECTRONIC EXPANSION VALVE (MAIN)
Y2E ELECTRONIC EXPANSION VALVE (INJECTION)
Y2S SOLENOID VALVE (ACCUMULATOR OIL RETURN)
Y3S SOLENOID VALVE(OIL)
Y4S SOLENOID VALVE(OIL2)
Z1C~Z7C NOISE FILTER (FERRITE CORE)
Z1F NOISE FILTER (A2P,A5P) (WITH SURGE ABSORBER)
E1HC CRANKCASE HEATER
F1U,F2U FUSE(A1P)
H1P~H7P LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
H1P~H7P LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
H2P LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
H3P LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
H4P LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
H5P LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
H6P LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
H7P LIGHT EMITTING DIODE (SERVICE MONITOR-GREEN)
K1M MAGNETIC CONTACTOR (A3P, A6P)
K2M MAGNETIC CONTACTOR (A3P)
K3R MAGNETIC RELAY (Y1S)(A1P)
K4R MAGNETIC RELAY (Y2S)(A1P)
K5R MAGNETIC RELAY (Y1S)(A1P)
K6R MAGNETIC RELAY (Y2S)(A1P)
K7R MAGNETIC RELAY (E1HC)(A1P)
K8R MAGNETIC RELAY (E2HC)(A1P)
K24R MAGNETIC RELAY (A3P,A6P)
L1R~3R REACTOR
M1C,M2C MOTOR (COMPRESSOR)
M1F,M2F MOTOR (FAN)
PS SWITCHING POWER SUPPLY(A1P,A3P,A6P)
Q1LD LEAKAGE DETECTION CIRCUIT(A1P)
Q1RP PHASE REVERSAL DETECT CIRCUIT(A1P)
R1 RESISTOR(CURRENT LIMIT)(A3P,A6P)
R11,R12 RESISTOR(A3P)
R24 RESISTOR(CURRENT SENSOR) (A4P,A7P)
R77 RESISTOR(CURRENT SENSOR) (A3P)
R313 RESISTOR(CURRENT SENSOR) (A6P)
R865,R867 RESISTOR (A4P)
R1T THERMISTOR (A1P)(A1P)
R217,R277 THERMISTOR(M1C,M2C DISCHARGE)
R32T THERMISTOR (A1P)
R34T THERMISTOR (HEAT EXCHANGER)
R5T THERMISTOR (SUBCOOL LIQ.PIPE)
R6T THERMISTOR (HEAT EXC.GAS PIPE)
R8T THERMISTOR (OUT.)
R9T THERMISTOR (M2C BODY)
S1NPH PRESSURE SENSOR (LOW)
S2NPH PRESSURE SENSOR (HIGH)
S1PH, S2PH PRESSURE SWITCH (HIGH)
S51C~53C CURRENT SENSOR
T1A POWER MODULE(A3P, A6P)
V1R TERMINAL BLOCK (POWER SUPPLY)
V2R TERMINAL BLOCK (CONTROL)(A1P)
V3R POWER MODULE(A4P, A7P)
Y1E ELECTRONIC EXPANSION VALVE (MAIN)
Y2E ELECTRONIC EXPANSION VALVE (INJECTION)
Y2S SOLENOID VALVE (ACCUMULATOR OIL RETURN)
Y3S SOLENOID VALVE(OIL)
Y4S SOLENOID VALVE(OIL2)
Z1C~Z7C NOISE FILTER (FERRITE CORE)
Z1F NOISE FILTER (A2P,A5P) (WITH SURGE ABSORBER)
CONNECTOR FOR OPTIONAL ACCESSORIES
X37A CONNECTOR (POWER ADAPTER)
(CHECK THE RESIDUAL CHARGE)
X1A~4A CONNECTOR(WITH, M2F)
X5A, X6A CONNECTOR
NOTES)
1. ELECTRIC WIRING DIAGRAM APPLIES ONLY TO THE OUTDOOR UNIT.
2. : FIELD WIRING, : TERMINAL BLOCK, : CONNECTOR,
3. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL.
4. FOR CONNECTION WIRING OF INDOOR-OUTDOOR TRANSMISSION F1・F2, REFER TO THE INSTALLATION MANUAL.
5. HOW TO USE S1~3 SWITCH, REFER TO "SERVICE PRECAUTION"
6. WHEN OPERATING, DON'T SHORTCIRCUIT THE PROTECTION DEVICE(S1PH, S2PH).
POWER SUPPLY
Y1 : 3N~380~415V 50Hz
Y1L : 3N~380V 60Hz
L1
L2
L3
N
EL. COMPO. BOX
LAYOUT OF M1C,M2C M1F,M2F
TERMINAL OF M1C,M2C
OUTER SHELL
(COLORS) RED:RED WHT:WHITE BLK:BLACK BLU:BLUE GRN:GREEN
: IS CONNECTOR COLOR FOR COMPONENT.
: IS DISCRIMINATION COLOR FOR COMPONENT LEAD WIRE.

6. Field Wiring

RXQ18TY1 / RXQ20TY1

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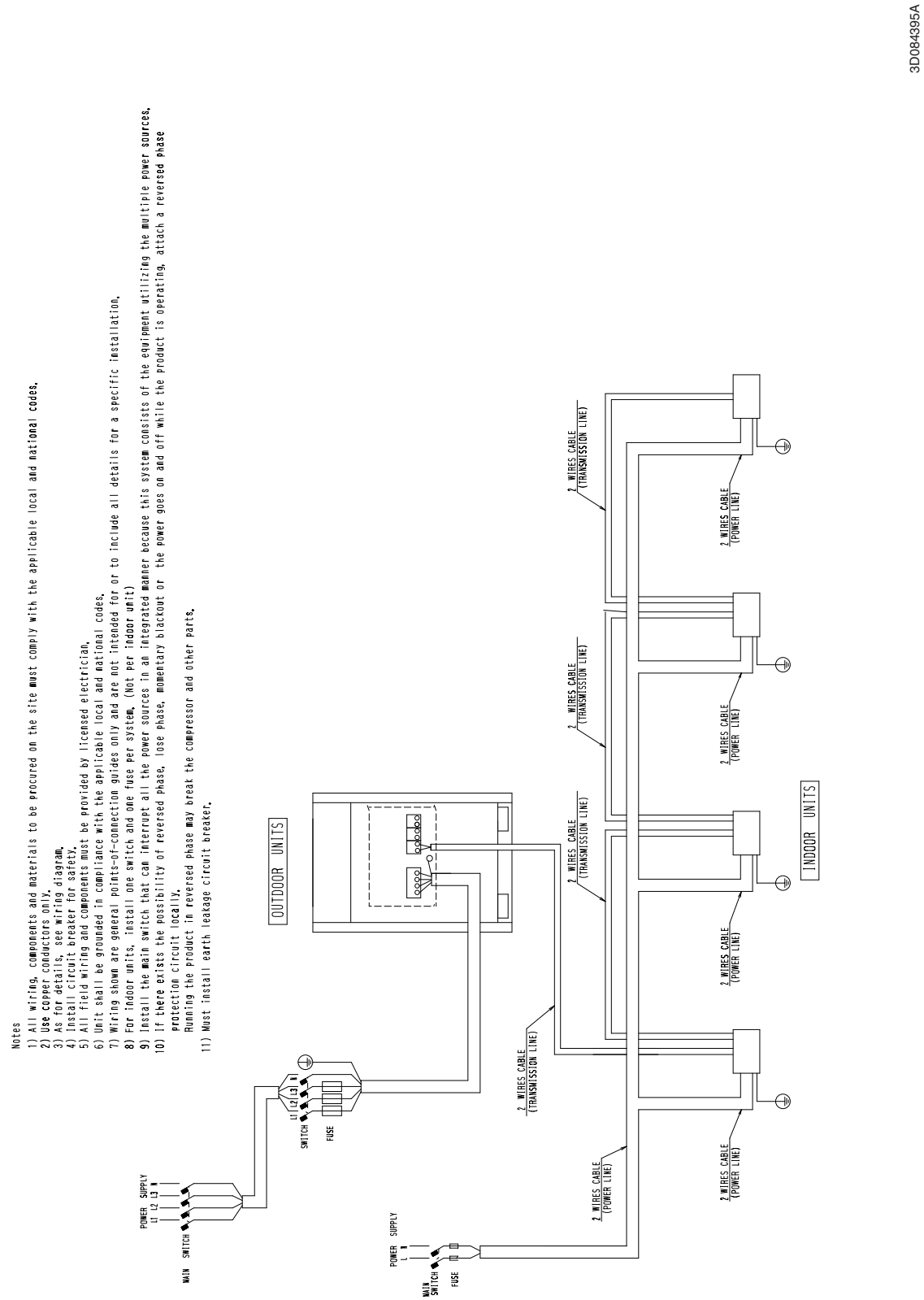


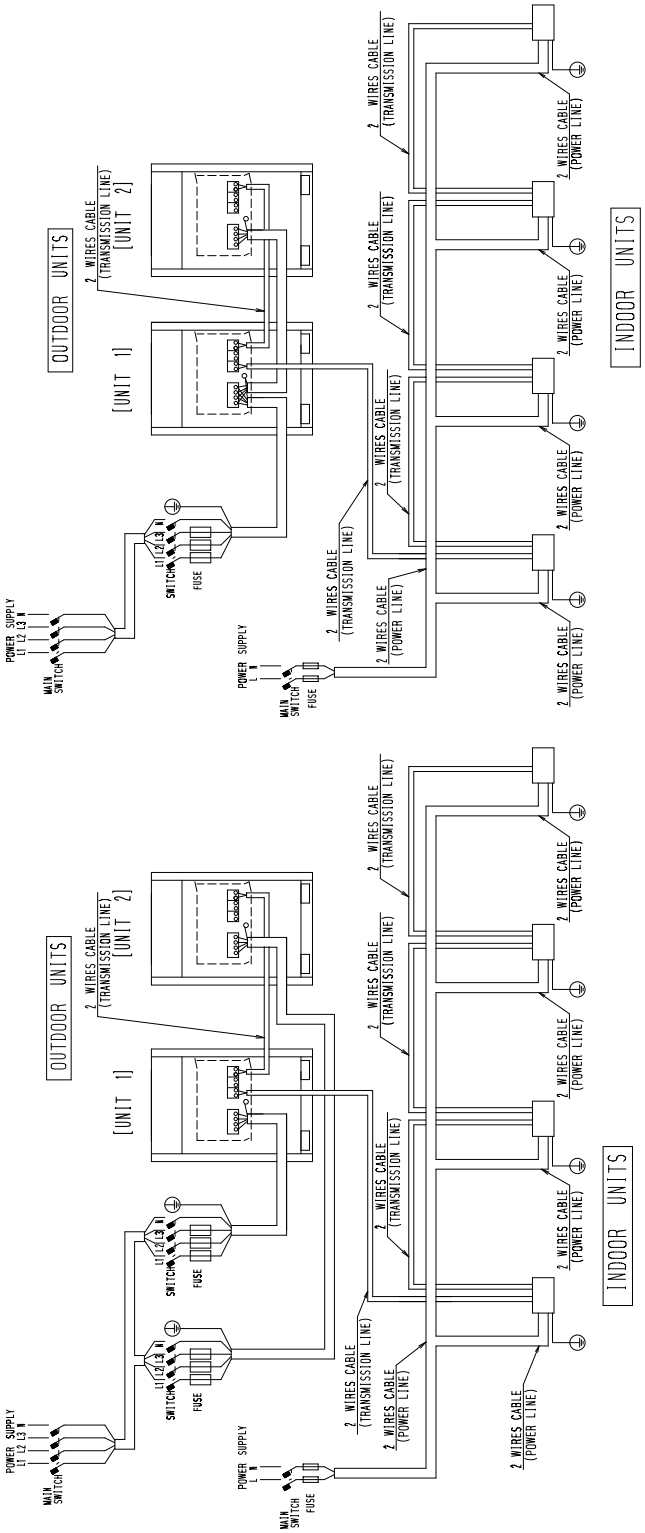
RXQ22TSY1 / RXQ24TSY1 / RXQ26TSY1 / RXQ28TSY1 / RXQ30TSY1 / RXQ32TSY1 / RXQ34TSY1 / RXQ36TSY1 / RXQ38TSY1 / RXQ40TSY1

3D084407A

Notes
1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2) Use copper conductors only.
3) As for details, see wiring diagram.
4) Install circuit breaker for safety.
5) All field wiring and components must be provided by licensed electrician.
6) Unit shall be grounded in compliance with the applicable local and national codes.
7) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8) For indoor units, install one switch and one fuse per system. (Not per indoor unit)
9) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10) The capacity of UNIT1 must be larger than UNIT2 when the power source is connected in series between the units.
11) If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.
12) Must install earth leakage circuit breaker.

〈 When the power source is supplied to each outdoor unit individually. 〉

〈 When the power source is connected in series between the units. 〉



RXQ42TSY1 / RXQ44TSY1 / RXQ46TSY1 / RXQ48TSY1 / RXQ50TSY1

3D084410A

Notes
1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2) Use copper conductors only.
3) As for details, see wiring diagram.
4) Install circuit breaker for safety.
5) All field wiring and components must be provided by licensed electrician.
6) Unit shall be grounded in compliance with the applicable local and national codes.
7) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8) For indoor units, install one switch and one fuse per system. (Not per indoor unit)
9) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10) The capacity of UNIT1 must be larger than UNIT2 when the power source is connected in series between the units.
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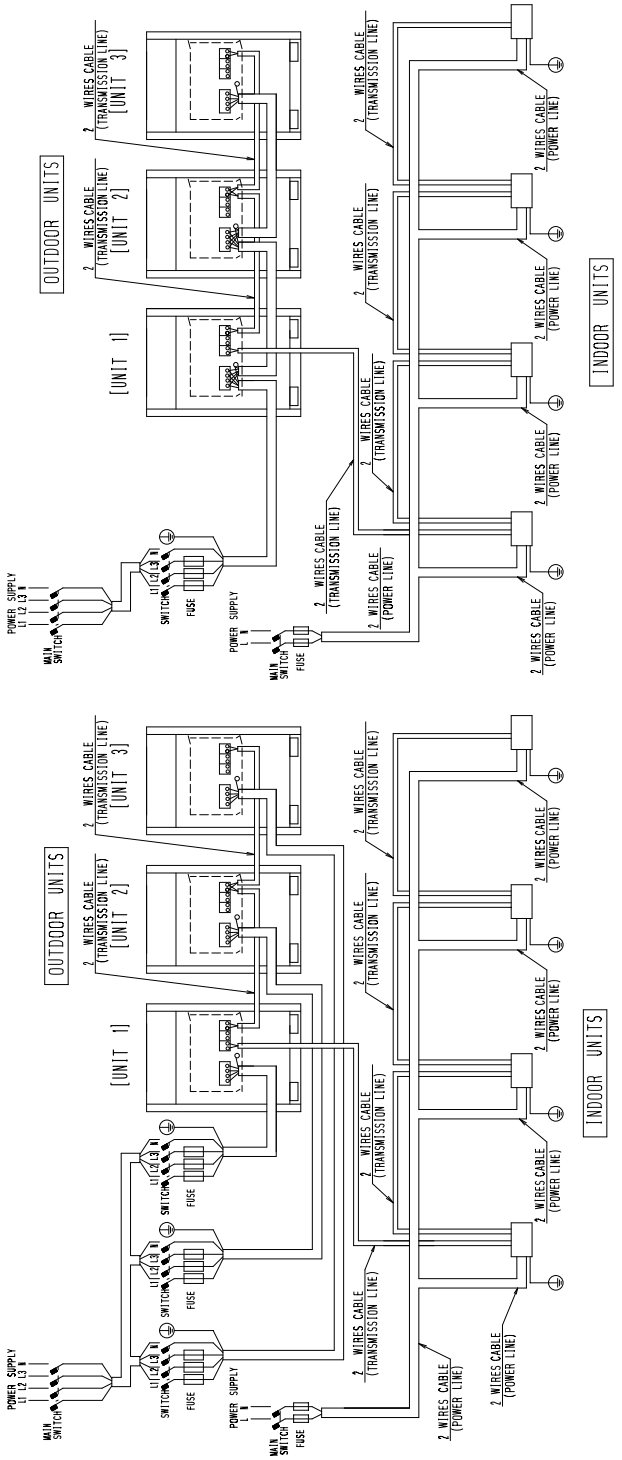
Running the product in reversed phase may break the compressor and other parts.
12) Must install earth leakage circuit breaker.

〈 When the power source is supplied to each outdoor unit individually. 〉



〈 When the power source is connected in series between the units. 〉

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7. Electric Characteristics

RXQ18TY1 / RXQ20TY1 / RXQ22TSY1 / RXQ24TSY1 / RXQ26TSY1 / RXQ28TSY1 / RXQ30TSY1 / RXQ32TSY1 / RXQ34TSY1

Model Name		Units			Power supply			Comp.		OFM	
Combination Unit	Independent Unit	Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RX(Y)Q18TY1		50	380	342	456	31.0	34.4	35	——	11.0+12.7	0.75×2	0.9×2
			400						——	10.4+12.1		
			415						——	10.1+11.7		
RX(Y)Q20TY1		50	380	342	456	40.0	41.7	50	——	11.3+16.2	0.75×2	1.5+1.1
			400						——	10.7+15.4		
			415						——	10.4+14.9		
RX(Y)Q22TSY1	RX(Y)Q10TY1	50	380	342	456	46.0	41.6	50	——	11.0+13.7	0.55×2	1.0+1.2
			400						——	10.4+13.0		
			415						——	10.0+12.5		
RX(Y)Q24TSY1	RX(Y)Q12TY1	50	380	342	456	46.0	41.6	50	——	13.7×2	0.55×2	1.2×2
			400						——	13.0×2		
			415						——	12.5×2		
RX(Y)Q26TSY1	RX(Y)Q18TY1	50	380	342	456	52.0	51.4	60	——	7.8+11.0+12.7	0.55 +0.75×2	0.9 +0.9×2
			400						——	7.4+10.4+12.1		
			415						——	7.2+10.1+11.7		
RX(Y)Q28TSY1	RX(Y)Q16TY1	50	380	342	456	55.0	55.2	60	——	13.7+9.8+9.9	0.55 +0.75×2	1.2 +0.9×2
			400						——	13.0+9.3+9.4		
			415						——	12.5+8.9+9.0		
RX(Y)Q30TSY1	RX(Y)Q18TY1	50	380	342	456	55.0	55.2	60	——	13.7+11.0+12.7	0.55 +0.75×2	1.2 +0.9×2
			400						——	13.0+10.4+12.1		
			415						——	12.5+10.1+11.7		
RX(Y)Q32TSY1	RX(Y)Q20TY1	50	380	342	456	62.0	62.5	70	——	13.7+11.3+16.2	0.55 +0.75×2	1.2 + (1.5+1.1)
			400						——	13.0+10.7+15.4		
			415						——	12.5+10.4+14.9		
RX(Y)Q34TSY1	RX(Y)Q18TY1	50	380	342	456	62.0	68.8	70	——	9.8+9.9+11.0+12.7	(0.75×2) ×2	(0.9×2) ×2
			400						——	9.3+9.4+10.4+12.1		
			415						——	8.9+9.0+10.1+11.7		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)

Notes:
1. RLA is based on the following conditions.
Indoor temp. 27°C DB/19.0°C WB
Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

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RXQ36TSY1 / RXQ38TSY1 / RXQ40TSY1 / RXQ42TSY1 / RXQ44TSY1 / RXQ46TSY1 / RXQ48TSY1 / RXQ50TSY1

Model Name				Units			Power supply			Comp.		OFM	
Combination Unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RX(Y)Q36TSY1	RX(Y)Q18TY1	RX(Y)Q18TY1		50	380	342	456	71.0	68.8	80	——	(11.0+12.7)×2	(0.75×2)×2	(0.9×2)×2
					400						——	(10.4+12.1)×2		
					415						——	(10.1+11.7)×2		
RX(Y)Q38TSY1	RX(Y)Q18TY1	RX(Y)Q20TY1		50	380	342	456	77.0	76.1	90	——	11.0+12.7+11.3+16.2	(0.75×2)×2	0.9×2+(1.5+1.1)
					400						——	10.4+12.1+10.7+15.4		
					415						——	10.1+11.7+10.4+14.9		
RX(Y)Q40TSY1	RX(Y)Q20TY1	RX(Y)Q20TY1		50	380	342	456	77.0	83.4	90	——	(11.3+16.2)×2	(0.75×2)×2	(1.5+1.1)×2
					400						——	(10.7+15.4)×2		
					415						——	(10.4+14.9)×2		
RX(Y)Q42TSY1	RX(Y)Q12TY1	RX(Y)Q12TY1	RX(Y)Q18TY1	50	380	342	456	84.0	76	100	——	13.7×2+11.0+12.7	0.55×2+0.75×2	1.2×2+0.9×2
					400						——	13.0×2+10.4+12.1		
					415						——	12.5×2+10.1+11.7		
RX(Y)Q44TSY1	RX(Y)Q12TY1	RX(Y)Q12TY1	RX(Y)Q20TY1	50	380	342	456	86.0	83.3	100	——	13.7×2+11.3+16.2	0.55×2+0.75×2	1.2×2+(1.5×1.1)
					400						——	13.0×2+10.7+15.4		
					415						——	12.5×2+10.4+14.9		
RX(Y)Q46TSY1	RX(Y)Q12TY1	RX(Y)Q16TY1	RX(Y)Q18TY1	50	380	342	456	90.0	89.6	100	——	13.7+9.8+9.9+11.0+12.7	0.55+(0.75×2)×2	1.2+(0.9×2)×2
					400						——	13.0+9.3+9.4+10.4+12.1		
					415						——	12.5+8.9+9.0+10.1+11.7		
RX(Y)Q48TSY1	RX(Y)Q12TY1	RX(Y)Q18TY1	RX(Y)Q18TY1	50	380	342	456	93.0	89.6	110	——	13.7+(11.0+12.7)×2	0.55+(0.75×2)×2	1.2+(0.9×2)×2
					400						——	13.0+(10.4+12.1)×2		
					415						——	12.5+(10.1+11.7)×2		
RX(Y)Q50TSY1	RX(Y)Q12TY1	RX(Y)Q18TY1	RX(Y)Q20TY1	50	380	342	456	93.0	96.9	110	——	13.7+11.0+12.7+11.3+16.2	0.55+(0.75×2)×2	1.2+0.9×2+(1.5×1.1)
					400						——	13.0+10.4+12.1+10.7+15.4		
					415						——	12.5+10.1+11.7+10.4+14.9		

Symbols:
MCA :Min. Circuit Amps. (A)
TOCA :Total Over-current Amps. (A)
MFA :Max. Fuse Amps. (A)
MSC :Max. Starting current
RLA :Rated Load Amps. (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps. (A)
kW :Rated Motor Output(kW)

Notes:
1. RLA is based on the following conditions.
   Indoor temp. 27°C DB/19.0°C WB
   Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

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8. Safety Devices Setting

Safety devices		RXQ18TY1	RXQ20TY1
Printed circuit board fuse	A1P	250V 3.15A	
	A2P	500V 40A	
	A3P	500V 1A	
	A4P	650V 5A	
	A5P	500V 40A	600V 63A
	A6P	500V 1A	250V 3.15A
	A7P	650V 5A	
High pressure switch	S1PH	OFF: $4.0^{+0}_{-0.12}$ MPa ON: 3.0±0.15 MPa	
	S2PH	OFF: $4.0^{+0}_{-0.12}$ MPa ON: 3.0±0.15 MPa	
Overload protector	M1C	14.7A	
	M2C	14.7A	22.0A
	M1F	2.52A	
	M2F	2.52A	

9. Capacity Tables (Space Saving Type)

9.1 Cooling Capacity for *VRV* Indoor Units Only (Te: 6ºC)

When only *VRV* indoor units are connected

RXQ18TY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	43.9	7.09	52.3	8.67	60.8	10.3	63.0	10.5	63.8	10.3	65.3	9.89	66.9	9.44
	12	43.9	7.22	52.3	8.84	60.8	10.5	62.2	10.5	63.0	10.3	64.5	9.82	66.1	9.67
	14	43.9	7.35	52.3	9.01	60.6	10.6	61.3	10.4	62.1	10.2	63.7	10.1	65.3	10.2
	16	43.9	7.49	52.3	9.18	59.7	10.6	60.5	10.5	61.3	10.6	62.9	10.7	64.5	10.8
	18	43.9	7.64	52.3	9.37	58.9	11.0	59.7	11.1	60.5	11.1	62.1	11.2	63.7	11.3
	20	43.9	7.79	52.3	9.98	58.1	11.5	58.9	11.6	59.7	11.7	61.3	11.8	62.9	11.9
	21	43.9	8.01	52.3	10.3	57.7	11.8	58.5	11.9	59.3	11.9	60.9	12.0	62.5	12.2
	23	43.9	8.58	52.3	11.1	56.9	12.3	57.7	12.4	58.5	12.5	60.1	12.6	61.6	12.7
	25	43.9	9.17	52.3	11.9	56.1	12.9	56.9	13.0	57.7	13.0	59.2	13.2	60.8	13.3
	27	43.9	9.80	52.3	12.7	55.3	13.4	56.1	13.5	56.9	13.6	58.4	13.7	60.0	13.9
	29	43.9	10.5	52.3	13.6	54.5	14.0	55.2	14.0	56.0	14.1	57.6	14.3	59.2	14.4
	31	43.9	11.2	52.1	14.4	53.6	14.5	54.4	14.6	55.2	14.7	56.8	14.8	58.4	15.0
	33	43.9	11.9	51.2	14.9	52.8	15.1	53.6	15.2	54.4	15.2	56.0	15.4	57.6	15.6
	35	43.9	12.7	50.4	15.4	52.0	15.6	52.8	15.7	53.6	15.8	55.2	16.0	56.8	16.1
	37	43.9	13.5	49.6	16.0	51.2	16.2	52.0	16.3	52.8	16.4	54.4	16.5	55.9	16.7
	39	43.9	14.4	48.8	16.5	50.4	16.7	51.2	16.8	52.0	16.9	53.6	17.1	55.1	17.3
120% (540)	10	40.5	6.47	48.3	7.91	56.1	9.40	60.0	10.2	62.8	10.6	64.2	10.2	65.7	9.79
	12	40.5	6.59	48.3	8.06	56.1	9.58	60.0	10.4	62.0	10.5	63.4	10.1	64.9	9.72
	14	40.5	6.72	48.3	8.21	56.1	9.77	60.0	10.6	61.1	10.5	62.6	10.1	64.1	10.1
	16	40.5	6.84	48.3	8.37	56.1	9.96	59.6	10.6	60.3	10.5	61.8	10.6	63.2	10.7
	18	40.5	6.98	48.3	8.54	56.1	10.3	58.8	11.0	59.5	11.0	61.0	11.1	62.4	11.2
	20	40.5	7.11	48.3	8.87	56.1	11.1	58.0	11.5	58.7	11.6	60.2	11.7	61.6	11.8
	21	40.5	7.18	48.3	9.19	56.1	11.5	57.6	11.8	58.3	11.8	59.8	12.0	61.2	12.1
	23	40.5	7.67	48.3	9.85	56.0	12.3	56.7	12.3	57.5	12.4	58.9	12.5	60.4	12.6
	25	40.5	8.20	48.3	10.5	55.2	12.8	55.9	12.9	56.7	12.9	58.1	13.1	59.6	13.2
	27	40.5	8.75	48.3	11.3	54.4	13.3	55.1	13.4	55.9	13.5	57.3	13.6	58.8	13.7
	29	40.5	9.33	48.3	12.0	53.6	13.9	54.3	14.0	55.0	14.0	56.5	14.2	58.0	14.3
	31	40.5	9.95	48.3	12.8	52.8	14.4	53.5	14.5	54.2	14.6	55.7	14.7	57.1	14.9
	33	40.5	10.6	48.3	13.7	52.0	15.0	52.7	15.1	53.4	15.1	54.9	15.3	56.3	15.4
	35	40.5	11.3	48.3	14.6	51.1	15.5	51.9	15.6	52.6	15.7	54.1	15.8	55.5	16.0
	37	40.5	12.0	48.3	15.6	50.3	16.1	51.1	16.2	51.8	16.2	53.2	16.4	54.7	16.6
	39	40.5	12.8	48.1	16.4	49.5	16.6	50.2	16.7	51.0	16.8	52.4	17.0	53.9	17.2
110% (495)	10	37.1	5.88	44.3	7.16	51.4	8.50	55.0	9.19	58.6	9.89	63.1	10.5	64.4	10.1
	12	37.1	5.99	44.3	7.29	51.4	8.66	55.0	9.36	58.6	10.1	62.3	10.4	63.6	10.1
	14	37.1	6.09	44.3	7.43	51.4	8.83	55.0	9.54	58.6	10.3	61.5	10.4	62.8	10.1
	16	37.1	6.21	44.3	7.57	51.4	9.00	55.0	9.73	58.6	10.5	60.7	10.5	62.0	10.6
	18	37.1	6.33	44.3	7.72	51.4	9.18	55.0	10.0	58.5	11.0	59.9	11.1	61.2	11.2
	20	37.1	6.45	44.3	7.88	51.4	9.72	55.0	10.7	57.7	11.5	59.0	11.6	60.4	11.7
	21	37.1	6.51	44.3	8.12	51.4	10.1	55.0	11.1	57.3	11.8	58.6	11.9	60.0	12.0
	23	37.1	6.82	44.3	8.69	51.4	10.8	55.0	11.9	56.5	12.3	57.8	12.4	59.2	12.5
	25	37.1	7.28	44.3	9.29	51.4	11.6	55.0	12.8	55.7	12.8	57.0	13.0	58.3	13.1
	27	37.1	7.77	44.3	9.93	51.4	12.4	54.2	13.3	54.9	13.4	56.2	13.5	57.5	13.6
	29	37.1	8.28	44.3	10.6	51.4	13.2	53.4	13.9	54.0	13.9	55.4	14.1	56.7	14.2
	31	37.1	8.81	44.3	11.3	51.4	14.1	52.6	14.4	53.2	14.5	54.6	14.6	55.9	14.7
	33	37.1	9.38	44.3	12.0	51.1	14.9	51.7	15.0	52.4	15.0	53.8	15.2	55.1	15.3
	35	37.1	9.98	44.3	12.8	50.3	15.4	50.9	15.5	51.6	15.6	52.9	15.7	54.3	15.9
	37	37.1	10.6	44.3	13.7	49.5	16.0	50.1	16.0	50.8	16.1	52.1	16.3	53.5	16.4
	39	37.1	11.3	44.3	14.6	48.6	16.5	49.3	16.6	50.0	16.7	51.3	16.8	52.7	17.0
100% (450)	10	33.7	5.30	40.2	6.43	46.7	7.62	50.0	8.23	53.3	8.85	59.8	10.1	63.2	10.5
	12	33.7	5.40	40.2	6.55	46.7	7.76	50.0	8.39	53.3	9.02	59.8	10.3	62.4	10.4
	14	33.7	5.49	40.2	6.67	46.7	7.91	50.0	8.55	53.3	9.20	59.8	10.5	61.6	10.4
	16	33.7	5.59	40.2	6.80	46.7	8.06	50.0	8.71	53.3	9.37	59.6	10.6	60.8	10.5
	18	33.7	5.70	40.2	6.93	46.7	8.22	50.0	8.89	53.3	9.56	58.7	11.0	60.0	11.1
	20	33.7	5.80	40.2	7.06	46.7	8.47	50.0	9.33	53.3	10.2	57.9	11.5	59.1	11.6
	21	33.7	5.86	40.2	7.13	46.7	8.77	50.0	9.67	53.3	10.6	57.5	11.8	58.7	11.9
	23	33.7	6.01	40.2	7.61	46.7	9.39	50.0	10.4	53.3	11.4	56.7	12.3	57.9	12.4
	25	33.7	6.42	40.2	8.13	46.7	10.1	50.0	11.1	53.3	12.2	55.9	12.9	57.1	13.0
	27	33.7	6.84	40.2	8.68	46.7	10.7	50.0	11.9	53.3	13.0	55.1	13.4	56.3	13.5
	29	33.7	7.28	40.2	9.26	46.7	11.5	50.0	12.7	53.0	13.8	54.3	14.0	55.5	14.1
	31	33.7	7.75	40.2	9.86	46.7	12.2	50.0	13.5	52.2	14.4	53.5	14.5	54.7	14.6
	33	33.7	8.24	40.2	10.5	46.7	13.1	50.0	14.4	51.4	14.9	52.6	15.0	53.9	15.2
	35	33.7	8.76	40.2	11.2	46.7	13.9	50.0	15.4	50.6	15.5	51.8	15.6	53.0	15.7
	37	33.7	9.31	40.2	11.9	46.7	14.8	49.2	15.9	49.8	16.0	51.0	16.2	52.2	16.3
	39	33.7	9.88	40.2	12.7	46.7	15.8	48.4	16.5	49.0	16.6	50.2	16.7	51.4	16.9
90% (405)	10	30.4	4.75	36.2	5.72	42.1	6.76	45.0	7.29	47.9	7.84	53.8	8.96	59.6	10.1
	12	30.4	4.83	36.2	5.83	42.1	6.88	45.0	7.43	47.9	7.99	53.8	9.13	59.6	10.3
	14	30.4	4.91	36.2	5.93	42.1	7.01	45.0	7.57	47.9	8.14	53.8	9.30	59.6	10.5
	16	30.4	5.00	36.2	6.04	42.1	7.15	45.0	7.72	47.9	8.30	53.8	9.48	59.5	10.7
	18	30.4	5.09	36.2	6.16	42.1	7.29	45.0	7.87	47.9	8.46	53.8	9.67	58.7	11.0
	20	30.4	5.18	36.2	6.28	42.1	7.43	45.0	8.03	47.9	8.78	53.8	10.4	57.9	11.5
	21	30.4	5.23	36.2	6.34	42.1	7.56	45.0	8.31	47.9	9.09	53.8	10.8	57.5	11.8
	23	30.4	5.33	36.2	6.60	42.1	8.09	45.0	8.89	47.9	9.74	53.8	11.5	56.7	12.3
	25	30.4	5.61	36.2	7.05	42.1	8.65	45.0	9.51	47.9	10.4	53.8	12.4	55.9	12.9
	27	30.4	5.98	36.2	7.51	42.1	9.24	45.0	10.2	47.9	11.1	53.8	13.2	55.1	13.4
	29	30.4	6.36	36.2	8.01	42.1	9.85	45.0	10.9	47.9	11.9	53.1	13.8	54.2	14.0
	31	30.4	6.76	36.2	8.53	42.1	10.5	45.0	11.6	47.9	12.7	52.3	14.4	53.4	14.5
	33	30.4	7.18	36.2	9.07	42.1	11.2	45.0	12.3	47.9	13.5	51.5	14.9	52.6	15.0
	35	30.4	7.62	36.2	9.65	42.1	11.9	45.0	13.1	47.9	14.4	50.7	15.5	51.8	15.6
	37	30.4	8.09	36.2	10.3	42.1	12.7	45.0	14.0	47.9	15.4	49.9	16.0	51.0	16.1
	39	30.4	8.58	36.2	10.9	42.1	13.5	45.0	14.9	47.9	16.4	49.1	16.6	50.2	16.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	27.0	4.21	32.2	5.05	37.4	5.93	40.0	6.39	42.6	6.86	47.8	7.82	53.0	8.81
	12	27.0	4.28	32.2	5.13	37.4	6.04	40.0	6.50	42.6	6.98	47.8	7.97	53.0	8.97
	14	27.0	4.35	32.2	5.22	37.4	6.15	40.0	6.62	42.6	7.11	47.8	8.12	53.0	9.15
	16	27.0	4.43	32.2	5.32	37.4	6.26	40.0	6.75	42.6	7.25	47.8	8.28	53.0	9.32
	18	27.0	4.50	32.2	5.41	37.4	6.38	40.0	6.88	42.6	7.39	47.8	8.44	53.0	9.51
	20	27.0	4.58	32.2	5.52	37.4	6.50	40.0	7.02	42.6	7.54	47.8	8.75	53.0	10.2
	21	27.0	4.62	32.2	5.57	37.4	6.57	40.0	7.09	42.6	7.69	47.8	9.06	53.0	10.5
	23	27.0	4.71	32.2	5.68	37.4	6.89	40.0	7.54	42.6	8.23	47.8	9.71	53.0	11.3
	25	27.0	4.86	32.2	6.04	37.4	7.35	40.0	8.06	42.6	8.80	47.8	10.4	53.0	12.1
	27	27.0	5.17	32.2	6.44	37.4	7.85	40.0	8.60	42.6	9.40	47.8	11.1	53.0	12.9
	29	27.0	5.50	32.2	6.85	37.4	8.36	40.0	9.18	42.6	10.0	47.8	11.9	53.0	13.8
	31	27.0	5.84	32.2	7.29	37.4	8.91	40.0	9.78	42.6	10.7	47.8	12.7	52.2	14.4
	33	27.0	6.19	32.2	7.75	37.4	9.48	40.0	10.4	42.6	11.4	47.8	13.5	51.4	14.9
	35	27.0	6.57	32.2	8.23	37.4	10.1	40.0	11.1	42.6	12.1	47.8	14.4	50.6	15.5
	37	27.0	6.96	32.2	8.74	37.4	10.7	40.0	11.8	42.6	12.9	47.8	15.3	49.7	16.0
	39	27.0	7.38	32.2	9.28	37.4	11.4	40.0	12.5	42.6	13.8	47.8	16.3	48.9	16.5
70% (315)	10	23.6	3.71	28.2	4.40	32.7	5.13	35.0	5.52	37.3	5.91	41.8	6.72	46.4	7.55
	12	23.6	3.76	28.2	4.47	32.7	5.22	35.0	5.61	37.3	6.01	41.8	6.84	46.4	7.69
	14	23.6	3.82	28.2	4.54	32.7	5.31	35.0	5.71	37.3	6.12	41.8	6.97	46.4	7.84
	16	23.6	3.88	28.2	4.62	32.7	5.41	35.0	5.82	37.3	6.24	41.8	7.10	46.4	7.99
	18	23.6	3.95	28.2	4.70	32.7	5.51	35.0	5.93	37.3	6.36	41.8	7.24	46.4	8.15
	20	23.6	4.01	28.2	4.79	32.7	5.61	35.0	6.04	37.3	6.48	41.8	7.38	46.4	8.38
	21	23.6	4.05	28.2	4.83	32.7	5.67	35.0	6.10	37.3	6.54	41.8	7.50	46.4	8.67
	23	23.6	4.12	28.2	4.92	32.7	5.78	35.0	6.31	37.3	6.86	41.8	8.03	46.4	9.29
	25	23.6	4.19	28.2	5.12	32.7	6.17	35.0	6.73	37.3	7.32	41.8	8.58	46.4	9.94
	27	23.6	4.43	28.2	5.45	32.7	6.57	35.0	7.18	37.3	7.81	41.8	9.16	46.4	10.6
	29	23.6	4.70	28.2	5.79	32.7	7.00	35.0	7.65	37.3	8.33	41.8	9.78	46.4	11.3
	31	23.6	4.98	28.2	6.15	32.7	7.44	35.0	8.14	37.3	8.87	41.8	10.4	46.4	12.1
	33	23.6	5.28	28.2	6.53	32.7	7.91	35.0	8.66	37.3	9.44	41.8	11.1	46.4	12.9
	35	23.6	5.59	28.2	6.93	32.7	8.41	35.0	9.20	37.3	10.0	41.8	11.8	46.4	13.8
	37	23.6	5.92	28.2	7.35	32.7	8.93	35.0	9.78	37.3	10.7	41.8	12.6	46.4	14.7
	39	23.6	6.27	28.2	7.79	32.7	9.48	35.0	10.4	37.3	11.3	41.8	13.4	46.4	15.6
60% (270)	10	20.2	3.22	24.1	3.78	28.0	4.38	30.0	4.69	32.0	5.01	35.9	5.66	39.8	6.34
	12	20.2	3.27	24.1	3.84	28.0	4.45	30.0	4.77	32.0	5.09	35.9	5.76	39.8	6.46
	14	20.2	3.32	24.1	3.90	28.0	4.52	30.0	4.85	32.0	5.18	35.9	5.87	39.8	6.58
	16	20.2	3.37	24.1	3.97	28.0	4.60	30.0	4.93	32.0	5.27	35.9	5.98	39.8	6.70
	18	20.2	3.42	24.1	4.03	28.0	4.68	30.0	5.02	32.0	5.37	35.9	6.09	39.8	6.83
	20	20.2	3.47	24.1	4.10	28.0	4.77	30.0	5.11	32.0	5.47	35.9	6.21	39.8	6.97
	21	20.2	3.50	24.1	4.13	28.0	4.81	30.0	5.16	32.0	5.52	35.9	6.27	39.8	7.04
	23	20.2	3.56	24.1	4.21	28.0	4.90	30.0	5.26	32.0	5.63	35.9	6.51	39.8	7.48
	25	20.2	3.62	24.1	4.28	28.0	5.09	30.0	5.53	32.0	5.98	35.9	6.95	39.8	7.99
	27	20.2	3.75	24.1	4.54	28.0	5.42	30.0	5.88	32.0	6.37	35.9	7.41	39.8	8.53
	29	20.2	3.97	24.1	4.82	28.0	5.76	30.0	6.26	32.0	6.78	35.9	7.90	39.8	9.10
	31	20.2	4.20	24.1	5.11	28.0	6.12	30.0	6.65	32.0	7.22	35.9	8.41	39.8	9.70
	33	20.2	4.45	24.1	5.42	28.0	6.49	30.0	7.07	32.0	7.67	35.9	8.95	39.8	10.3
	35	20.2	4.70	24.1	5.74	28.0	6.89	30.0	7.50	32.0	8.15	35.9	9.52	39.8	11.0
	37	20.2	4.97	24.1	6.08	28.0	7.30	30.0	7.96	32.0	8.65	35.9	10.1	39.8	11.7
	39	20.2	5.25	24.1	6.43	28.0	7.74	30.0	8.45	32.0	9.18	35.9	10.7	39.8	12.4
50% (225)	10	16.9	2.77	20.1	3.21	23.4	3.67	25.0	3.91	26.6	4.16	29.9	4.67	33.1	5.20
	12	16.9	2.81	20.1	3.25	23.4	3.72	25.0	3.97	26.6	4.22	29.9	4.75	33.1	5.29
	14	16.9	2.84	20.1	3.30	23.4	3.78	25.0	4.03	26.6	4.29	29.9	4.83	33.1	5.39
	16	16.9	2.88	20.1	3.35	23.4	3.84	25.0	4.10	26.6	4.37	29.9	4.91	33.1	5.48
	18	16.9	2.92	20.1	3.40	23.4	3.91	25.0	4.17	26.6	4.44	29.9	5.00	33.1	5.58
	20	16.9	2.96	20.1	3.45	23.4	3.97	25.0	4.24	26.6	4.52	29.9	5.09	33.1	5.69
	21	16.9	2.99	20.1	3.48	23.4	4.01	25.0	4.28	26.6	4.56	29.9	5.14	33.1	5.74
	23	16.9	3.03	20.1	3.54	23.4	4.07	25.0	4.36	26.6	4.64	29.9	5.24	33.1	5.88
	25	16.9	3.08	20.1	3.60	23.4	4.15	25.0	4.45	26.6	4.78	29.9	5.50	33.1	6.27
	27	16.9	3.13	20.1	3.72	23.4	4.38	25.0	4.73	26.6	5.09	29.9	5.86	33.1	6.68
	29	16.9	3.31	20.1	3.95	23.4	4.64	25.0	5.02	26.6	5.41	29.9	6.23	33.1	7.11
	31	16.9	3.49	20.1	4.18	23.4	4.92	25.0	5.32	26.6	5.74	29.9	6.62	33.1	7.57
	33	16.9	3.69	20.1	4.42	23.4	5.22	25.0	5.64	26.6	6.09	29.9	7.03	33.1	8.04
	35	16.9	3.89	20.1	4.67	23.4	5.53	25.0	5.98	26.6	6.46	29.9	7.47	33.1	8.55
	37	16.9	4.11	20.1	4.94	23.4	5.85	25.0	6.34	26.6	6.84	29.9	7.92	33.1	9.08
	39	16.9	4.33	20.1	5.21	23.4	6.19	25.0	6.71	26.6	7.25	29.9	8.40	33.1	9.64

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ20TY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	49.1	8.28	58.6	10.1	68.1	12.1	70.5	12.3	71.4	12.1	73.2	11.6	75.0	11.0
	12	49.1	8.44	58.6	10.3	68.1	12.3	69.6	12.3	70.5	12.0	72.3	11.5	74.0	11.3
	14	49.1	8.59	58.6	10.5	67.8	12.4	68.7	12.2	69.6	11.9	71.4	11.8	73.1	11.9
	16	49.1	8.76	58.6	10.7	66.9	12.4	67.8	12.3	68.7	12.4	70.5	12.5	72.2	12.6
	18	49.1	8.93	58.6	10.9	66.0	12.9	66.9	12.9	67.8	13.0	69.5	13.1	71.3	13.2
	20	49.1	9.11	58.6	11.7	65.1	13.5	66.0	13.6	66.9	13.6	68.6	13.8	70.4	13.9
	21	49.1	9.37	58.6	12.1	64.6	13.8	65.5	13.9	66.4	13.9	68.2	14.1	69.9	14.2
	23	49.1	10.0	58.6	12.9	63.7	14.4	64.6	14.5	65.5	14.6	67.3	14.7	69.0	14.9
	25	49.1	10.7	58.6	13.9	62.8	15.1	63.7	15.1	64.6	15.2	66.4	15.4	68.1	15.5
	27	49.1	11.5	58.6	14.8	61.9	15.7	62.8	15.8	63.7	15.9	65.4	16.0	67.2	16.2
	29	49.1	12.2	58.6	15.9	61.0	16.3	61.9	16.4	62.8	16.5	64.5	16.7	66.3	16.9
	31	49.1	13.0	58.3	16.8	60.1	17.0	61.0	17.1	61.9	17.2	63.6	17.3	65.4	17.5
	33	49.1	13.9	57.4	17.4	59.2	17.6	60.1	17.7	60.9	17.8	62.7	18.0	64.5	18.2
	35	49.1	14.8	56.5	18.0	58.3	18.3	59.1	18.4	60.0	18.5	61.8	18.7	63.6	18.9
	37	49.1	15.8	55.6	18.7	57.3	18.9	58.2	19.0	59.1	19.1	60.9	19.3	62.7	19.6
	39	49.1	16.8	54.7	19.3	56.4	19.6	57.3	19.7	58.2	19.8	60.0	20.0	61.8	20.2
120% (600)	10	45.3	7.57	54.1	9.24	62.8	11.0	67.2	11.9	70.3	12.4	71.9	11.9	73.6	11.4
	12	45.3	7.71	54.1	9.42	62.8	11.2	67.2	12.1	69.4	12.3	71.0	11.8	72.7	11.4
	14	45.3	7.85	54.1	9.60	62.8	11.4	67.2	12.3	68.5	12.3	70.1	11.8	71.7	11.9
	16	45.3	8.00	54.1	9.78	62.8	11.6	66.7	12.4	67.6	12.3	69.2	12.4	70.8	12.5
	18	45.3	8.15	54.1	9.98	62.8	12.0	65.8	12.8	66.7	12.9	68.3	13.0	69.9	13.1
	20	45.3	8.31	54.1	10.4	62.8	12.9	64.9	13.5	65.7	13.5	67.4	13.7	69.0	13.8
	21	45.3	8.40	54.1	10.7	62.8	13.4	64.5	13.8	65.3	13.9	66.9	14.0	68.6	14.1
	23	45.3	8.97	54.1	11.5	62.7	14.3	63.6	14.4	64.4	14.5	66.0	14.6	67.7	14.8
	25	45.3	9.58	54.1	12.3	61.8	15.0	62.6	15.0	63.5	15.1	65.1	15.3	66.7	15.4
	27	45.3	10.2	54.1	13.2	60.9	15.6	61.7	15.7	62.6	15.8	64.2	15.9	65.8	16.1
	29	45.3	10.9	54.1	14.1	60.0	16.2	60.8	16.3	61.6	16.4	63.3	16.6	64.9	16.7
	31	45.3	11.6	54.1	15.0	59.1	16.9	59.9	17.0	60.7	17.0	62.4	17.2	64.0	17.4
	33	45.3	12.4	54.1	16.0	58.2	17.5	59.0	17.6	59.8	17.7	61.5	17.9	63.1	18.0
	35	45.3	13.2	54.1	17.1	57.3	18.1	58.1	18.2	58.9	18.3	60.6	18.5	62.2	18.7
	37	45.3	14.0	54.1	18.2	56.4	18.8	57.2	18.9	58.0	19.0	59.6	19.2	61.3	19.4
	39	45.3	14.9	53.8	19.2	55.5	19.4	56.3	19.5	57.1	19.6	58.7	19.9	60.4	20.1
110% (550)	10	41.6	6.87	49.6	8.37	57.6	9.94	61.6	10.7	65.6	11.6	70.7	12.3	72.2	11.8
	12	41.6	7.00	49.6	8.52	57.6	10.1	61.6	10.9	65.6	11.8	69.8	12.2	71.3	11.8
	14	41.6	7.12	49.6	8.69	57.6	10.3	61.6	11.2	65.6	12.0	68.9	12.1	70.4	11.8
	16	41.6	7.26	49.6	8.85	57.6	10.5	61.6	11.4	65.6	12.2	68.0	12.3	69.4	12.4
	18	41.6	7.39	49.6	9.03	57.6	10.7	61.6	11.7	65.5	12.8	67.0	12.9	68.5	13.0
	20	41.6	7.54	49.6	9.21	57.6	11.4	61.6	12.6	64.6	13.5	66.1	13.6	67.6	13.7
	21	41.6	7.61	49.6	9.49	57.6	11.8	61.6	13.0	64.2	13.8	65.7	13.9	67.2	14.0
	23	41.6	7.97	49.6	10.2	57.6	12.6	61.6	14.0	63.3	14.4	64.8	14.5	66.3	14.6
	25	41.6	8.51	49.6	10.9	57.6	13.5	61.6	14.9	62.4	15.0	63.9	15.2	65.4	15.3
	27	41.6	9.08	49.6	11.6	57.6	14.5	60.7	15.6	61.4	15.6	62.9	15.8	64.4	15.9
	29	41.6	9.67	49.6	12.4	57.6	15.4	59.8	16.2	60.5	16.3	62.0	16.4	63.5	16.6
	31	41.6	10.3	49.6	13.2	57.6	16.5	58.9	16.8	59.6	16.9	61.1	17.1	62.6	17.2
	33	41.6	11.0	49.6	14.1	57.2	17.4	58.0	17.5	58.7	17.6	60.2	17.7	61.7	17.9
	35	41.6	11.7	49.6	15.0	56.3	18.0	57.0	18.1	57.8	18.2	59.3	18.4	60.8	18.6
	37	41.6	12.4	49.6	16.0	55.4	18.7	56.1	18.8	56.9	18.8	58.4	19.0	59.9	19.2
	39	41.6	13.2	49.6	17.0	54.5	19.3	55.2	19.4	56.0	19.5	57.5	19.7	59.0	19.9
100% (500)	10	37.8	6.20	45.1	7.52	52.4	8.91	56.0	9.62	59.6	10.3	66.9	11.8	70.8	12.2
	12	37.8	6.31	45.1	7.65	52.4	9.07	56.0	9.80	59.6	10.5	66.9	12.1	69.9	12.2
	14	37.8	6.42	45.1	7.80	52.4	9.24	56.0	9.99	59.6	10.7	66.9	12.3	69.0	12.1
	16	37.8	6.54	45.1	7.94	52.4	9.42	56.0	10.2	59.6	11.0	66.7	12.4	68.1	12.3
	18	37.8	6.66	45.1	8.10	52.4	9.61	56.0	10.4	59.6	11.2	65.8	12.8	67.2	12.9
	20	37.8	6.78	45.1	8.26	52.4	9.90	56.0	10.9	59.6	12.0	64.9	13.5	66.2	13.6
	21	37.8	6.85	45.1	8.34	52.4	10.3	56.0	11.3	59.6	12.4	64.4	13.8	65.8	13.9
	23	37.8	7.03	45.1	8.89	52.4	11.0	56.0	12.1	59.6	13.3	63.5	14.4	64.9	14.5
	25	37.8	7.50	45.1	9.50	52.4	11.7	56.0	13.0	59.6	14.2	62.6	15.0	64.0	15.2
	27	37.8	8.00	45.1	10.1	52.4	12.6	56.0	13.9	59.6	15.2	61.7	15.7	63.1	15.8
	29	37.8	8.51	45.1	10.8	52.4	13.4	56.0	14.8	59.4	16.2	60.8	16.3	62.1	16.4
	31	37.8	9.06	45.1	11.5	52.4	14.3	56.0	15.8	58.5	16.8	59.9	16.9	61.2	17.1
	33	37.8	9.63	45.1	12.3	52.4	15.3	56.0	16.9	57.6	17.4	59.0	17.6	60.3	17.7
	35	37.8	10.2	45.1	13.1	52.4	16.3	56.0	18.0	56.7	18.1	58.0	18.2	59.4	18.4
	37	37.8	10.9	45.1	13.9	52.4	17.3	55.1	18.6	55.8	18.7	57.1	18.9	58.5	19.0
	39	37.8	11.6	45.1	14.8	52.4	18.5	54.2	19.3	54.9	19.3	56.2	19.5	57.6	19.7
90% (450)	10	34.0	5.55	40.6	6.69	47.1	7.90	50.4	8.53	53.7	9.16	60.2	10.5	66.8	11.8
	12	34.0	5.64	40.6	6.81	47.1	8.05	50.4	8.68	53.7	9.34	60.2	10.7	66.8	12.0
	14	34.0	5.74	40.6	6.93	47.1	8.20	50.4	8.85	53.7	9.51	60.2	10.9	66.8	12.3
	16	34.0	5.84	40.6	7.06	47.1	8.35	50.4	9.02	53.7	9.70	60.2	11.1	66.7	12.5
	18	34.0	5.95	40.6	7.20	47.1	8.52	50.4	9.20	53.7	9.89	60.2	11.3	65.8	12.8
	20	34.0	6.06	40.6	7.34	47.1	8.69	50.4	9.38	53.7	10.3	60.2	12.1	64.9	13.5
	21	34.0	6.11	40.6	7.41	47.1	8.83	50.4	9.71	53.7	10.6	60.2	12.6	64.4	13.8
	23	34.0	6.23	40.6	7.71	47.1	9.46	50.4	10.4	53.7	11.4	60.2	13.5	63.5	14.4
	25	34.0	6.56	40.6	8.23	47.1	10.1	50.4	11.1	53.7	12.2	60.2	14.5	62.6	15.0
	27	34.0	6.98	40.6	8.78	47.1	10.8	50.4	11.9	53.7	13.0	60.2	15.5	61.7	15.7
	29	34.0	7.43	40.6	9.36	47.1	11.5	50.4	12.7	53.7	13.9	59.5	16.2	60.8	16.3
	31	34.0	7.90	40.6	9.96	47.1	12.3	50.4	13.5	53.7	14.8	58.6	16.8	59.8	16.9
	33	34.0	8.39	40.6	10.6	47.1	13.1	50.4	14.4	53.7	15.8	57.7	17.4	58.9	17.6
	35	34.0	8.91	40.6	11.3	47.1	13.9	50.4	15.4	53.7	16.9	56.8	18.1	58.0	18.2
	37	34.0	9.46	40.6	12.0	47.1	14.8	50.4	16.4	53.7	18.0	55.9	18.7	57.1	18.9
	39	34.0	10.0	40.6	12.7	47.1	15.8	50.4	17.4	53.7	19.2	55.0	19.4	56.2	19.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	30.2	4.93	36.1	5.90	41.9	6.93	44.8	7.47	47.7	8.01	53.5	9.14	59.4	10.3
	12	30.2	5.00	36.1	6.00	41.9	7.05	44.8	7.60	47.7	8.16	53.5	9.31	59.4	10.5
	14	30.2	5.09	36.1	6.10	41.9	7.18	44.8	7.74	47.7	8.31	53.5	9.49	59.4	10.7
	16	30.2	5.17	36.1	6.21	41.9	7.32	44.8	7.89	47.7	8.47	53.5	9.67	59.4	10.9
	18	30.2	5.26	36.1	6.33	41.9	7.46	44.8	8.04	47.7	8.64	53.5	9.86	59.4	11.1
	20	30.2	5.36	36.1	6.45	41.9	7.60	44.8	8.20	47.7	8.81	53.5	10.2	59.4	11.9
	21	30.2	5.40	36.1	6.51	41.9	7.68	44.8	8.28	47.7	8.99	53.5	10.6	59.4	12.3
	23	30.2	5.50	36.1	6.63	41.9	8.05	44.8	8.82	47.7	9.62	53.5	11.3	59.4	13.2
	25	30.2	5.68	36.1	7.06	41.9	8.60	44.8	9.42	47.7	10.3	53.5	12.1	59.4	14.1
	27	30.2	6.05	36.1	7.52	41.9	9.17	44.8	10.1	47.7	11.0	53.5	13.0	59.4	15.1
	29	30.2	6.42	36.1	8.01	41.9	9.77	44.8	10.7	47.7	11.7	53.5	13.9	59.4	16.2
	31	30.2	6.82	36.1	8.52	41.9	10.4	44.8	11.4	47.7	12.5	53.5	14.8	58.5	16.8
	33	30.2	7.24	36.1	9.05	41.9	11.1	44.8	12.2	47.7	13.3	53.5	15.8	57.5	17.4
	35	30.2	7.68	36.1	9.62	41.9	11.8	44.8	13.0	47.7	14.2	53.5	16.8	56.6	18.1
	37	30.2	8.14	36.1	10.2	41.9	12.5	44.8	13.8	47.7	15.1	53.5	17.9	55.7	18.7
	39	30.2	8.62	36.1	10.8	41.9	13.3	44.8	14.7	47.7	16.1	53.5	19.1	54.8	19.3
70% (350)	10	26.5	4.33	31.5	5.14	36.6	6.00	39.2	6.45	41.7	6.91	46.9	7.85	51.9	8.83
	12	26.5	4.40	31.5	5.22	36.6	6.10	39.2	6.56	41.7	7.03	46.9	8.00	51.9	8.99
	14	26.5	4.47	31.5	5.31	36.6	6.21	39.2	6.68	41.7	7.16	46.9	8.14	51.9	9.16
	16	26.5	4.54	31.5	5.40	36.6	6.32	39.2	6.80	41.7	7.29	46.9	8.30	51.9	9.34
	18	26.5	4.61	31.5	5.50	36.6	6.44	39.2	6.93	41.7	7.43	46.9	8.46	51.9	9.52
	20	26.5	4.69	31.5	5.60	36.6	6.56	39.2	7.06	41.7	7.57	46.9	8.63	51.9	9.79
	21	26.5	4.73	31.5	5.65	36.6	6.62	39.2	7.13	41.7	7.65	46.9	8.77	51.9	10.1
	23	26.5	4.81	31.5	5.75	36.6	6.76	39.2	7.37	41.7	8.01	46.9	9.38	51.9	10.9
	25	26.5	4.90	31.5	5.98	36.6	7.21	39.2	7.87	41.7	8.56	46.9	10.0	51.9	11.6
	27	26.5	5.18	31.5	6.36	36.6	7.68	39.2	8.39	41.7	9.13	46.9	10.7	51.9	12.4
	29	26.5	5.49	31.5	6.77	36.6	8.18	39.2	8.94	41.7	9.73	46.9	11.4	51.9	13.3
	31	26.5	5.83	31.5	7.19	36.6	8.70	39.2	9.51	41.7	10.4	46.9	12.2	51.9	14.1
	33	26.5	6.17	31.5	7.63	36.6	9.25	39.2	10.1	41.7	11.0	46.9	13.0	51.9	15.1
	35	26.5	6.54	31.5	8.10	36.6	9.83	39.2	10.8	41.7	11.7	46.9	13.8	51.9	16.1
	37	26.5	6.92	31.5	8.59	36.6	10.4	39.2	11.4	41.7	12.5	46.9	14.7	51.9	17.1
	39	26.5	7.32	31.5	9.10	36.6	11.1	39.2	12.1	41.7	13.3	46.9	15.7	51.9	18.2
60% (300)	10	22.7	3.77	27.0	4.42	31.4	5.12	33.6	5.48	35.8	5.85	40.2	6.62	44.5	7.42
	12	22.7	3.82	27.0	4.49	31.4	5.20	33.6	5.57	35.8	5.95	40.2	6.74	44.5	7.55
	14	22.7	3.88	27.0	4.56	31.4	5.29	33.6	5.67	35.8	6.06	40.2	6.86	44.5	7.69
	16	22.7	3.93	27.0	4.63	31.4	5.38	33.6	5.77	35.8	6.16	40.2	6.99	44.5	7.84
	18	22.7	3.99	27.0	4.71	31.4	5.47	33.6	5.87	35.8	6.28	40.2	7.12	44.5	7.99
	20	22.7	4.06	27.0	4.79	31.4	5.57	33.6	5.98	35.8	6.39	40.2	7.25	44.5	8.14
	21	22.7	4.09	27.0	4.83	31.4	5.62	33.6	6.03	35.8	6.45	40.2	7.33	44.5	8.23
	23	22.7	4.16	27.0	4.92	31.4	5.73	33.6	6.15	35.8	6.58	40.2	7.61	44.5	8.74
	25	22.7	4.23	27.0	5.01	31.4	5.95	33.6	6.46	35.8	6.99	40.2	8.13	44.5	9.34
	27	22.7	4.38	27.0	5.31	31.4	6.33	33.6	6.88	35.8	7.45	40.2	8.67	44.5	9.97
	29	22.7	4.64	27.0	5.63	31.4	6.73	33.6	7.32	35.8	7.93	40.2	9.23	44.5	10.6
	31	22.7	4.91	27.0	5.98	31.4	7.15	33.6	7.78	35.8	8.43	40.2	9.83	44.5	11.3
	33	22.7	5.20	27.0	6.33	31.4	7.59	33.6	8.26	35.8	8.96	40.2	10.5	44.5	12.1
	35	22.7	5.50	27.0	6.71	31.4	8.05	33.6	8.77	35.8	9.52	40.2	11.1	44.5	12.8
	37	22.7	5.81	27.0	7.10	31.4	8.54	33.6	9.31	35.8	10.1	40.2	11.8	44.5	13.7
	39	22.7	6.14	27.0	7.52	31.4	9.05	33.6	9.87	35.8	10.7	40.2	12.6	44.5	14.5
50% (250)	10	18.9	3.24	22.5	3.75	26.2	4.29	28.0	4.57	29.8	4.86	33.5	5.46	37.1	6.08
	12	18.9	3.28	22.5	3.80	26.2	4.35	28.0	4.64	29.8	4.94	33.5	5.55	37.1	6.18
	14	18.9	3.32	22.5	3.86	26.2	4.42	28.0	4.72	29.8	5.02	33.5	5.64	37.1	6.29
	16	18.9	3.37	22.5	3.91	26.2	4.49	28.0	4.79	29.8	5.10	33.5	5.74	37.1	6.41
	18	18.9	3.42	22.5	3.97	26.2	4.57	28.0	4.87	29.8	5.19	33.5	5.85	37.1	6.53
	20	18.9	3.46	22.5	4.04	26.2	4.64	28.0	4.96	29.8	5.28	33.5	5.95	37.1	6.65
	21	18.9	3.49	22.5	4.07	26.2	4.68	28.0	5.00	29.8	5.33	33.5	6.01	37.1	6.71
	23	18.9	3.54	22.5	4.13	26.2	4.76	28.0	5.09	29.8	5.43	33.5	6.12	37.1	6.87
	25	18.9	3.60	22.5	4.20	26.2	4.85	28.0	5.20	29.8	5.59	33.5	6.43	37.1	7.33
	27	18.9	3.65	22.5	4.35	26.2	5.12	28.0	5.52	29.8	5.95	33.5	6.85	37.1	7.81
	29	18.9	3.86	22.5	4.61	26.2	5.43	28.0	5.86	29.8	6.32	33.5	7.28	37.1	8.31
	31	18.9	4.08	22.5	4.88	26.2	5.76	28.0	6.22	29.8	6.71	33.5	7.74	37.1	8.84
	33	18.9	4.31	22.5	5.16	26.2	6.10	28.0	6.60	29.8	7.12	33.5	8.22	37.1	9.40
	35	18.9	4.55	22.5	5.46	26.2	6.46	28.0	6.99	29.8	7.55	33.5	8.73	37.1	9.99
	37	18.9	4.80	22.5	5.77	26.2	6.84	28.0	7.41	29.8	8.00	33.5	9.26	37.1	10.6
	39	18.9	5.06	22.5	6.10	26.2	7.23	28.0	7.84	29.8	8.48	33.5	9.82	37.1	11.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ22TSY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (715)	10	53.9	7.50	64.3	9.18	74.7	10.9	77.5	11.2	78.4	10.9	80.4	10.5	82.3	10.0
	12	53.9	7.64	64.3	9.36	74.7	11.1	76.5	11.1	77.4	10.9	79.4	10.4	81.3	10.2
	14	53.9	7.78	64.3	9.54	74.5	11.3	75.5	11.0	76.4	10.8	78.4	10.7	80.3	10.8
	16	53.9	7.93	64.3	9.72	73.5	11.2	74.5	11.1	75.4	11.2	77.4	11.3	79.3	11.4
	18	53.9	8.09	64.3	9.92	72.5	11.6	73.5	11.7	74.4	11.8	76.4	11.9	78.3	12.0
	20	53.9	8.25	64.3	10.6	71.5	12.2	72.5	12.3	73.4	12.3	75.4	12.5	77.3	12.6
	21	53.9	8.48	64.3	10.9	71.0	12.5	72.0	12.6	72.9	12.6	74.9	12.7	76.8	12.9
	23	53.9	9.08	64.3	11.7	70.0	13.1	71.0	13.1	71.9	13.2	73.9	13.3	75.8	13.5
	25	53.9	9.71	64.3	12.6	69.0	13.6	70.0	13.7	70.9	13.8	72.9	13.9	74.8	14.1
	27	53.9	10.4	64.3	13.4	68.0	14.2	69.0	14.3	69.9	14.4	71.9	14.5	73.8	14.7
	29	53.9	11.1	64.3	14.4	67.0	14.8	68.0	14.9	68.9	14.9	70.9	15.1	72.8	15.3
	31	53.9	11.8	64.0	15.2	66.0	15.4	67.0	15.5	67.9	15.5	69.9	15.7	71.8	15.9
	33	53.9	12.6	63.0	15.8	65.0	16.0	66.0	16.0	66.9	16.1	68.9	16.3	70.8	16.5
	35	53.9	13.4	62.0	16.3	64.0	16.5	65.0	16.6	65.9	16.7	67.9	16.9	69.8	17.1
	37	53.9	14.3	61.0	16.9	63.0	17.1	63.9	17.2	64.9	17.3	66.9	17.5	68.8	17.7
	39	53.9	15.2	60.0	17.5	62.0	17.7	62.9	17.8	63.9	17.9	65.9	18.1	67.8	18.3
120% (660)	10	49.8	6.85	59.4	8.37	69.0	9.96	73.8	10.8	77.2	11.2	79.0	10.8	80.8	10.4
	12	49.8	6.98	59.4	8.53	69.0	10.1	73.8	11.0	76.2	11.2	78.0	10.7	79.8	10.3
	14	49.8	7.11	59.4	8.69	69.0	10.3	73.8	11.2	75.2	11.1	77.0	10.7	78.8	10.7
	16	49.8	7.24	59.4	8.86	69.0	10.5	73.3	11.3	74.2	11.1	76.0	11.2	77.8	11.3
	18	49.8	7.38	59.4	9.04	69.0	10.9	72.3	11.6	73.2	11.7	75.0	11.8	76.8	11.9
	20	49.8	7.53	59.4	9.40	69.0	11.7	71.3	12.2	72.2	12.3	74.0	12.4	75.8	12.5
	21	49.8	7.61	59.4	9.73	69.0	12.1	70.8	12.5	71.7	12.5	73.5	12.7	75.3	12.8
	23	49.8	8.12	59.4	10.4	68.9	13.0	69.8	13.1	70.7	13.1	72.5	13.2	74.3	13.4
	25	49.8	8.68	59.4	11.2	67.9	13.6	68.8	13.6	69.7	13.7	71.5	13.8	73.3	14.0
	27	49.8	9.27	59.4	11.9	66.9	14.1	67.8	14.2	68.7	14.3	70.5	14.4	72.3	14.5
	29	49.8	9.88	59.4	12.7	65.9	14.7	66.8	14.8	67.7	14.8	69.5	15.0	71.3	15.1
	31	49.8	10.5	59.4	13.6	64.9	15.3	65.8	15.4	66.7	15.4	68.5	15.6	70.3	15.7
	33	49.8	11.2	59.4	14.5	63.9	15.9	64.8	15.9	65.7	16.0	67.5	16.2	69.3	16.3
	35	49.8	11.9	59.4	15.5	62.9	16.4	63.8	16.5	64.7	16.6	66.5	16.8	68.3	16.9
	37	49.8	12.7	59.4	16.5	61.9	17.0	62.8	17.1	63.7	17.2	65.5	17.4	67.3	17.6
	39	49.8	13.5	59.1	17.4	60.9	17.6	61.8	17.7	62.7	17.8	64.5	18.0	66.3	18.2
110% (605)	10	45.6	6.23	54.4	7.58	63.2	9.00	67.6	9.73	72.0	10.5	77.6	11.1	79.3	10.7
	12	45.6	6.34	54.4	7.72	63.2	9.17	67.6	9.91	72.0	10.7	76.6	11.1	78.3	10.7
	14	45.6	6.45	54.4	7.87	63.2	9.35	67.6	10.1	72.0	10.9	75.6	11.0	77.3	10.7
	16	45.6	6.57	54.4	8.02	63.2	9.53	67.6	10.3	72.0	11.1	74.6	11.1	76.3	11.2
	18	45.6	6.70	54.4	8.18	63.2	9.72	67.6	10.6	72.0	11.6	73.6	11.7	75.3	11.8
	20	45.6	6.83	54.4	8.34	63.2	10.3	67.6	11.4	71.0	12.2	72.6	12.3	74.3	12.4
	21	45.6	6.89	54.4	8.59	63.2	10.7	67.6	11.8	70.5	12.5	72.1	12.6	73.8	12.7
	23	45.6	7.22	54.4	9.20	63.2	11.4	67.6	12.6	69.5	13.0	71.1	13.1	72.8	13.3
	25	45.6	7.71	54.4	9.84	63.2	12.2	67.6	13.5	68.5	13.6	70.1	13.7	71.8	13.8
	27	45.6	8.22	54.4	10.5	63.2	13.1	66.7	14.1	67.5	14.2	69.1	14.3	70.8	14.4
	29	45.6	8.76	54.4	11.2	63.2	14.0	65.7	14.7	66.5	14.7	68.1	14.9	69.8	15.0
	31	45.6	9.33	54.4	12.0	63.2	14.9	64.6	15.3	65.5	15.3	67.1	15.5	68.8	15.6
	33	45.6	9.93	54.4	12.8	62.8	15.8	63.6	15.8	64.5	15.9	66.1	16.1	67.8	16.2
	35	45.6	10.6	54.4	13.6	61.8	16.3	62.6	16.4	63.5	16.5	65.1	16.6	66.8	16.8
	37	45.6	11.2	54.4	14.5	60.8	16.9	61.6	17.0	62.5	17.1	64.1	17.2	65.8	17.4
	39	45.6	11.9	54.4	15.4	59.8	17.5	60.6	17.6	61.5	17.7	63.1	17.8	64.8	18.0
100% (550)	10	41.5	5.61	49.5	6.81	57.5	8.07	61.5	8.71	65.5	9.37	73.5	10.7	77.7	11.1
	12	41.5	5.71	49.5	6.93	57.5	8.22	61.5	8.88	65.5	9.55	73.5	10.9	76.7	11.0
	14	41.5	5.81	49.5	7.06	57.5	8.37	61.5	9.05	65.5	9.73	73.5	11.1	75.7	11.0
	16	41.5	5.92	49.5	7.19	57.5	8.54	61.5	9.22	65.5	9.92	73.3	11.3	74.7	11.2
	18	41.5	6.03	49.5	7.33	57.5	8.70	61.5	9.41	65.5	10.1	72.3	11.6	73.7	11.7
	20	41.5	6.14	49.5	7.48	57.5	8.97	61.5	9.88	65.5	10.8	71.2	12.2	72.7	12.3
	21	41.5	6.20	49.5	7.55	57.5	9.28	61.5	10.2	65.5	11.2	70.7	12.5	72.2	12.6
	23	41.5	6.37	49.5	8.05	57.5	9.95	61.5	11.0	65.5	12.0	69.7	13.1	71.2	13.2
	25	41.5	6.79	49.5	8.61	57.5	10.6	61.5	11.7	65.5	12.9	68.7	13.6	70.2	13.7
	27	41.5	7.24	49.5	9.19	57.5	11.4	61.5	12.6	65.5	13.8	67.7	14.2	69.2	14.3
	29	41.5	7.71	49.5	9.80	57.5	12.1	61.5	13.4	65.2	14.6	66.7	14.8	68.2	14.9
	31	41.5	8.21	49.5	10.4	57.5	13.0	61.5	14.3	64.2	15.2	65.7	15.3	67.2	15.5
	33	41.5	8.73	49.5	11.1	57.5	13.8	61.5	15.3	63.2	15.8	64.7	15.9	66.2	16.1
	35	41.5	9.27	49.5	11.8	57.5	14.7	61.5	16.3	62.2	16.4	63.7	16.5	65.2	16.7
	37	41.5	9.85	49.5	12.6	57.5	15.7	60.5	16.9	61.2	16.9	62.7	17.1	64.2	17.2
	39	41.5	10.5	49.5	13.4	57.5	16.7	59.5	17.4	60.2	17.5	61.7	17.7	63.2	17.8
90% (495)	10	37.3	5.03	44.5	6.06	51.7	7.16	55.3	7.72	58.9	8.30	66.2	9.48	73.3	10.7
	12	37.3	5.11	44.5	6.17	51.7	7.29	55.3	7.87	58.9	8.46	66.2	9.66	73.3	10.9
	14	37.3	5.20	44.5	6.28	51.7	7.42	55.3	8.02	58.9	8.62	66.2	9.85	73.3	11.1
	16	37.3	5.29	44.5	6.40	51.7	7.57	55.3	8.17	58.9	8.79	66.2	10.0	73.2	11.3
	18	37.3	5.39	44.5	6.52	51.7	7.71	55.3	8.33	58.9	8.96	66.2	10.2	72.2	11.6
	20	37.3	5.48	44.5	6.64	51.7	7.87	55.3	8.50	58.9	9.29	66.2	11.0	71.2	12.2
	21	37.3	5.54	44.5	6.71	51.7	8.00	55.3	8.79	58.9	9.62	66.2	11.4	70.7	12.5
	23	37.3	5.64	44.5	6.99	51.7	8.56	55.3	9.42	58.9	10.3	66.2	12.2	69.7	13.1
	25	37.3	5.94	44.5	7.46	51.7	9.16	55.3	10.1	58.9	11.0	66.2	13.1	68.7	13.6
	27	37.3	6.33	44.5	7.95	51.7	9.78	55.3	10.8	58.9	11.8	66.2	14.0	67.7	14.2
	29	37.3	6.73	44.5	8.48	51.7	10.4	55.3	11.5	58.9	12.6	65.4	14.7	66.7	14.8
	31	37.3	7.15	44.5	9.03	51.7	11.1	55.3	12.3	58.9	13.4	64.4	15.2	65.7	15.3
	33	37.3	7.60	44.5	9.60	51.7	11.8	55.3	13.1	58.9	14.3	63.4	15.8	64.7	15.9
	35	37.3	8.07	44.5	10.2	51.7	12.6	55.3	13.9	58.9	15.3	62.4	16.4	63.7	16.5
	37	37.3	8.56	44.5	10.9	51.7	13.4	55.3	14.8	58.9	16.3	61.4	17.0	62.7	17.1
	39	37.3	9.09	44.5	11.5	51.7	14.3	55.3	15.8	58.9	17.4	60.4	17.5	61.7	17.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (440)	10	33.2	4.46	39.6	5.34	46.0	6.28	49.2	6.76	52.4	7.26	58.8	8.28	65.2	9.32
	12	33.2	4.53	39.6	5.43	46.0	6.39	49.2	6.88	52.4	7.39	58.8	8.43	65.2	9.50
	14	33.2	4.61	39.6	5.53	46.0	6.51	49.2	7.01	52.4	7.53	58.8	8.59	65.2	9.68
	16	33.2	4.69	39.6	5.63	46.0	6.63	49.2	7.15	52.4	7.67	58.8	8.76	65.2	9.87
	18	33.2	4.77	39.6	5.73	46.0	6.75	49.2	7.28	52.4	7.82	58.8	8.93	65.2	10.1
	20	33.2	4.85	39.6	5.84	46.0	6.89	49.2	7.43	52.4	7.98	58.8	9.26	65.2	10.8
	21	33.2	4.90	39.6	5.89	46.0	6.95	49.2	7.50	52.4	8.14	58.8	9.59	65.2	11.2
	23	33.2	4.99	39.6	6.01	46.0	7.29	49.2	7.99	52.4	8.72	58.8	10.3	65.2	12.0
	25	33.2	5.15	39.6	6.40	46.0	7.79	49.2	8.53	52.4	9.32	58.8	11.0	65.2	12.8
	27	33.2	5.48	39.6	6.81	46.0	8.31	49.2	9.11	52.4	9.95	58.8	11.8	65.2	13.7
	29	33.2	5.82	39.6	7.25	46.0	8.85	49.2	9.71	52.4	10.6	58.8	12.6	65.2	14.6
	31	33.2	6.18	39.6	7.71	46.0	9.43	49.2	10.4	52.4	11.3	58.8	13.4	64.2	15.2
	33	33.2	6.56	39.6	8.20	46.0	10.0	49.2	11.0	52.4	12.1	58.8	14.3	63.2	15.8
	35	33.2	6.95	39.6	8.71	46.0	10.7	49.2	11.7	52.4	12.9	58.8	15.2	62.2	16.4
	37	33.2	7.37	39.6	9.25	46.0	11.4	49.2	12.5	52.4	13.7	58.8	16.2	61.2	16.9
	39	33.2	7.81	39.6	9.82	46.0	12.1	49.2	13.3	52.4	14.6	58.8	17.3	60.2	17.5
70% (385)	10	29.0	3.92	34.6	4.66	40.2	5.43	43.0	5.84	45.8	6.25	51.5	7.11	57.0	8.00
	12	29.0	3.98	34.6	4.73	40.2	5.53	43.0	5.94	45.8	6.37	51.5	7.24	57.0	8.14
	14	29.0	4.04	34.6	4.81	40.2	5.63	43.0	6.05	45.8	6.48	51.5	7.38	57.0	8.30
	16	29.0	4.11	34.6	4.89	40.2	5.73	43.0	6.16	45.8	6.60	51.5	7.52	57.0	8.46
	18	29.0	4.18	34.6	4.98	40.2	5.83	43.0	6.28	45.8	6.73	51.5	7.66	57.0	8.63
	20	29.0	4.25	34.6	5.07	40.2	5.94	43.0	6.40	45.8	6.86	51.5	7.82	57.0	8.87
	21	29.0	4.28	34.6	5.12	40.2	6.00	43.0	6.46	45.8	6.93	51.5	7.94	57.0	9.18
	23	29.0	4.36	34.6	5.21	40.2	6.12	43.0	6.68	45.8	7.26	51.5	8.50	57.0	9.83
	25	29.0	4.44	34.6	5.42	40.2	6.53	43.0	7.13	45.8	7.75	51.5	9.08	57.0	10.5
	27	29.0	4.69	34.6	5.77	40.2	6.96	43.0	7.60	45.8	8.27	51.5	9.70	57.0	11.2
	29	29.0	4.98	34.6	6.13	40.2	7.41	43.0	8.09	45.8	8.81	51.5	10.3	57.0	12.0
	31	29.0	5.28	34.6	6.51	40.2	7.88	43.0	8.62	45.8	9.39	51.5	11.0	57.0	12.8
	33	29.0	5.59	34.6	6.91	40.2	8.38	43.0	9.17	45.8	9.99	51.5	11.8	57.0	13.7
	35	29.0	5.92	34.6	7.33	40.2	8.90	43.0	9.74	45.8	10.6	51.5	12.5	57.0	14.6
	37	29.0	6.27	34.6	7.78	40.2	9.45	43.0	10.4	45.8	11.3	51.5	13.3	57.0	15.5
	39	29.0	6.63	34.6	8.24	40.2	10.0	43.0	11.0	45.8	12.0	51.5	14.2	57.0	16.5
60% (330)	10	24.9	3.41	29.7	4.00	34.5	4.63	36.9	4.96	39.3	5.30	44.1	6.00	48.9	6.72
	12	24.9	3.46	29.7	4.07	34.5	4.71	36.9	5.05	39.3	5.39	44.1	6.10	48.9	6.84
	14	24.9	3.51	29.7	4.13	34.5	4.79	36.9	5.13	39.3	5.48	44.1	6.21	48.9	6.97
	16	24.9	3.56	29.7	4.20	34.5	4.87	36.9	5.22	39.3	5.58	44.1	6.33	48.9	7.10
	18	24.9	3.62	29.7	4.27	34.5	4.96	36.9	5.32	39.3	5.69	44.1	6.45	48.9	7.23
	20	24.9	3.68	29.7	4.34	34.5	5.05	36.9	5.41	39.3	5.79	44.1	6.57	48.9	7.38
	21	24.9	3.70	29.7	4.38	34.5	5.09	36.9	5.46	39.3	5.85	44.1	6.63	48.9	7.45
	23	24.9	3.76	29.7	4.45	34.5	5.19	36.9	5.57	39.3	5.96	44.1	6.89	48.9	7.92
	25	24.9	3.83	29.7	4.53	34.5	5.39	36.9	5.85	39.3	6.33	44.1	7.36	48.9	8.46
	27	24.9	3.97	29.7	4.81	34.5	5.73	36.9	6.23	39.3	6.75	44.1	7.85	48.9	9.03
	29	24.9	4.20	29.7	5.10	34.5	6.10	36.9	6.63	39.3	7.18	44.1	8.36	48.9	9.63
	31	24.9	4.45	29.7	5.41	34.5	6.48	36.9	7.04	39.3	7.64	44.1	8.90	48.9	10.3
	33	24.9	4.71	29.7	5.74	34.5	6.87	36.9	7.48	39.3	8.12	44.1	9.47	48.9	10.9
	35	24.9	4.98	29.7	6.08	34.5	7.29	36.9	7.94	39.3	8.62	44.1	10.1	48.9	11.6
	37	24.9	5.26	29.7	6.43	34.5	7.73	36.9	8.43	39.3	9.16	44.1	10.7	48.9	12.4
	39	24.9	5.56	29.7	6.81	34.5	8.20	36.9	8.94	39.3	9.72	44.1	11.4	48.9	13.2
50% (275)	10	20.7	2.93	24.7	3.39	28.7	3.88	30.7	4.14	32.7	4.40	36.8	4.94	40.7	5.51
	12	20.7	2.97	24.7	3.44	28.7	3.94	30.7	4.20	32.7	4.47	36.8	5.03	40.7	5.60
	14	20.7	3.01	24.7	3.49	28.7	4.00	30.7	4.27	32.7	4.55	36.8	5.11	40.7	5.70
	16	20.7	3.05	24.7	3.54	28.7	4.07	30.7	4.34	32.7	4.62	36.8	5.20	40.7	5.80
	18	20.7	3.09	24.7	3.60	28.7	4.14	30.7	4.41	32.7	4.70	36.8	5.30	40.7	5.91
	20	20.7	3.14	24.7	3.65	28.7	4.20	30.7	4.49	32.7	4.78	36.8	5.39	40.7	6.02
	21	20.7	3.16	24.7	3.68	28.7	4.24	30.7	4.53	32.7	4.83	36.8	5.44	40.7	6.08
	23	20.7	3.21	24.7	3.74	28.7	4.31	30.7	4.61	32.7	4.92	36.8	5.55	40.7	6.22
	25	20.7	3.26	24.7	3.81	28.7	4.39	30.7	4.71	32.7	5.07	36.8	5.82	40.7	6.64
	27	20.7	3.31	24.7	3.94	28.7	4.63	30.7	5.00	32.7	5.39	36.8	6.20	40.7	7.07
	29	20.7	3.50	24.7	4.18	28.7	4.92	30.7	5.31	32.7	5.72	36.8	6.60	40.7	7.53
	31	20.7	3.70	24.7	4.42	28.7	5.21	30.7	5.64	32.7	6.08	36.8	7.01	40.7	8.01
	33	20.7	3.91	24.7	4.68	28.7	5.52	30.7	5.98	32.7	6.45	36.8	7.45	40.7	8.52
	35	20.7	4.12	24.7	4.95	28.7	5.85	30.7	6.33	32.7	6.84	36.8	7.90	40.7	9.05
	37	20.7	4.35	24.7	5.23	28.7	6.19	30.7	6.71	32.7	7.25	36.8	8.39	40.7	9.61
	39	20.7	4.58	24.7	5.52	28.7	6.55	30.7	7.10	32.7	7.68	36.8	8.90	40.7	10.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ24TSY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (780)	10	58.8	8.29	70.1	10.2	81.4	12.1	84.4	12.3	85.4	12.1	87.6	11.6	89.7	11.1
	12	58.8	8.45	70.1	10.3	81.4	12.3	83.3	12.3	84.4	12.0	86.5	11.5	88.6	11.3
	14	58.8	8.61	70.1	10.5	81.1	12.5	82.2	12.2	83.3	11.9	85.4	11.8	87.5	12.0
	16	58.8	8.77	70.1	10.7	80.1	12.4	81.1	12.3	82.2	12.4	84.3	12.5	86.4	12.6
	18	58.8	8.94	70.1	11.0	79.0	12.9	80.0	12.9	81.1	13.0	83.2	13.1	85.3	13.3
	20	58.8	9.12	70.1	11.7	77.9	13.5	78.9	13.6	80.0	13.6	82.1	13.8	84.2	13.9
	21	58.8	9.38	70.1	12.1	77.3	13.8	78.4	13.9	79.4	14.0	81.6	14.1	83.7	14.2
	23	58.8	10.0	70.1	13.0	76.2	14.4	77.3	14.5	78.4	14.6	80.5	14.7	82.6	14.9
	25	58.8	10.7	70.1	13.9	75.1	15.1	76.2	15.2	77.3	15.2	79.4	15.4	81.5	15.5
	27	58.8	11.5	70.1	14.9	74.1	15.7	75.1	15.8	76.2	15.9	78.3	16.0	80.4	16.2
	29	58.8	12.2	70.1	15.9	73.0	16.4	74.0	16.4	75.1	16.5	77.2	16.7	79.3	16.9
	31	58.8	13.1	69.8	16.8	71.9	17.0	72.9	17.1	74.0	17.2	76.1	17.4	78.2	17.5
	33	58.8	13.9	68.7	17.4	70.8	17.6	71.8	17.7	72.9	17.8	75.0	18.0	77.2	18.2
	35	58.8	14.8	67.6	18.1	69.7	18.3	70.8	18.4	71.8	18.5	73.9	18.7	76.1	18.9
	37	58.8	15.8	66.5	18.7	68.6	18.9	69.7	19.0	70.7	19.1	72.9	19.4	75.0	19.6
	39	58.8	16.8	65.4	19.4	67.5	19.6	68.6	19.7	69.6	19.8	71.8	20.0	73.9	20.3
120% (720)	10	54.3	7.58	64.7	9.26	75.2	11.0	80.4	11.9	84.1	12.4	86.1	11.9	88.0	11.5
	12	54.3	7.72	64.7	9.43	75.2	11.2	80.4	12.1	83.0	12.3	85.0	11.9	86.9	11.4
	14	54.3	7.86	64.7	9.61	75.2	11.4	80.4	12.4	81.9	12.3	83.9	11.8	85.8	11.9
	16	54.3	8.01	64.7	9.80	75.2	11.7	79.9	12.4	80.8	12.3	82.8	12.4	84.8	12.5
	18	54.3	8.16	64.7	9.99	75.2	12.1	78.8	12.9	79.7	12.9	81.7	13.0	83.7	13.2
	20	54.3	8.33	64.7	10.4	75.2	13.0	77.7	13.5	78.7	13.6	80.6	13.7	82.6	13.8
	21	54.3	8.41	64.7	10.8	75.2	13.4	77.1	13.8	78.1	13.9	80.1	14.0	82.0	14.1
	23	54.3	8.98	64.7	11.5	75.1	14.4	76.0	14.4	77.0	14.5	79.0	14.6	80.9	14.8
	25	54.3	9.60	64.7	12.3	74.0	15.0	75.0	15.1	75.9	15.1	77.9	15.3	79.8	15.4
	27	54.3	10.2	64.7	13.2	72.9	15.6	73.9	15.7	74.8	15.8	76.8	15.9	78.8	16.1
	29	54.3	10.9	64.7	14.1	71.8	16.3	72.8	16.3	73.8	16.4	75.7	16.6	77.7	16.7
	31	54.3	11.6	64.7	15.0	70.7	16.9	71.7	17.0	72.7	17.1	74.6	17.2	76.6	17.4
	33	54.3	12.4	64.7	16.0	69.6	17.5	70.6	17.6	71.6	17.7	73.5	17.9	75.5	18.1
	35	54.3	13.2	64.7	17.1	68.5	18.2	69.5	18.3	70.5	18.4	72.4	18.5	74.4	18.7
	37	54.3	14.1	64.7	18.2	67.4	18.8	68.4	18.9	69.4	19.0	71.4	19.2	73.3	19.4
	39	54.3	14.9	64.4	19.2	66.3	19.5	67.3	19.6	68.3	19.7	70.3	19.9	72.2	20.1
110% (660)	10	49.7	6.88	59.3	8.38	68.9	9.95	73.7	10.8	78.5	11.6	84.6	12.3	86.4	11.9
	12	49.7	7.01	59.3	8.54	68.9	10.1	73.7	11.0	78.5	11.8	83.5	12.2	85.3	11.8
	14	49.7	7.13	59.3	8.70	68.9	10.3	73.7	11.2	78.5	12.0	82.4	12.2	84.2	11.8
	16	49.7	7.27	59.3	8.86	68.9	10.5	73.7	11.4	78.5	12.3	81.3	12.3	83.1	12.4
	18	49.7	7.40	59.3	9.04	68.9	10.7	73.7	11.7	78.4	12.8	80.2	13.0	82.0	13.1
	20	49.7	7.55	59.3	9.22	68.9	11.4	73.7	12.6	77.3	13.5	79.1	13.6	80.9	13.7
	21	49.7	7.62	59.3	9.50	68.9	11.8	73.7	13.0	76.8	13.8	78.6	13.9	80.4	14.0
	23	49.7	7.98	59.3	10.2	68.9	12.6	73.7	14.0	75.7	14.4	77.5	14.5	79.3	14.7
	25	49.7	8.52	59.3	10.9	68.9	13.5	73.7	15.0	74.6	15.0	76.4	15.2	78.2	15.3
	27	49.7	9.09	59.3	11.6	68.9	14.5	72.6	15.6	73.5	15.7	75.3	15.8	77.1	16.0
	29	49.7	9.69	59.3	12.4	68.9	15.5	71.5	16.2	72.4	16.3	74.2	16.5	76.0	16.6
	31	49.7	10.3	59.3	13.2	68.9	16.5	70.4	16.9	71.3	16.9	73.1	17.1	74.9	17.3
	33	49.7	11.0	59.3	14.1	68.4	17.4	69.3	17.5	70.2	17.6	72.0	17.7	73.8	17.9
	35	49.7	11.7	59.3	15.0	67.4	18.1	68.3	18.1	69.2	18.2	70.9	18.4	72.7	18.6
	37	49.7	12.4	59.3	16.0	66.3	18.7	67.2	18.8	68.1	18.9	69.9	19.1	71.6	19.2
	39	49.7	13.2	59.3	17.0	65.2	19.3	66.1	19.4	67.0	19.5	68.8	19.7	70.6	19.9
100% (600)	10	45.2	6.21	53.9	7.53	62.6	8.92	67.0	9.63	71.4	10.4	80.1	11.8	84.7	12.3
	12	45.2	6.32	53.9	7.66	62.6	9.08	67.0	9.82	71.4	10.6	80.1	12.1	83.6	12.2
	14	45.2	6.43	53.9	7.81	62.6	9.26	67.0	10.0	71.4	10.8	80.1	12.3	82.5	12.1
	16	45.2	6.54	53.9	7.95	62.6	9.44	67.0	10.2	71.4	11.0	79.8	12.5	81.4	12.3
	18	45.2	6.67	53.9	8.11	62.6	9.62	67.0	10.4	71.4	11.2	78.7	12.9	80.3	13.0
	20	45.2	6.79	53.9	8.27	62.6	9.91	67.0	10.9	71.4	12.0	77.6	13.5	79.3	13.6
	21	45.2	6.86	53.9	8.35	62.6	10.3	67.0	11.3	71.4	12.4	77.1	13.8	78.7	13.9
	23	45.2	7.04	53.9	8.90	62.6	11.0	67.0	12.1	71.4	13.3	76.0	14.4	77.6	14.5
	25	45.2	7.51	53.9	9.51	62.6	11.8	67.0	13.0	71.4	14.3	74.9	15.1	76.5	15.2
	27	45.2	8.01	53.9	10.2	62.6	12.6	67.0	13.9	71.4	15.3	73.8	15.7	75.4	15.8
	29	45.2	8.53	53.9	10.8	62.6	13.4	67.0	14.8	71.1	16.2	72.7	16.3	74.3	16.5
	31	45.2	9.07	53.9	11.5	62.6	14.3	67.0	15.8	70.0	16.8	71.6	17.0	73.3	17.1
	33	45.2	9.65	53.9	12.3	62.6	15.3	67.0	16.9	68.9	17.5	70.5	17.6	72.2	17.8
	35	45.2	10.3	53.9	13.1	62.6	16.3	67.0	18.0	67.8	18.1	69.4	18.3	71.1	18.4
	37	45.2	10.9	53.9	13.9	62.6	17.3	65.9	18.6	66.7	18.7	68.4	18.9	70.0	19.1
	39	45.2	11.6	53.9	14.8	62.6	18.5	64.8	19.3	65.6	19.4	67.3	19.6	68.9	19.7
90% (540)	10	40.7	5.56	48.5	6.70	56.4	7.91	60.3	8.54	64.2	9.18	72.1	10.5	79.9	11.8
	12	40.7	5.65	48.5	6.82	56.4	8.06	60.3	8.70	64.2	9.35	72.1	10.7	79.9	12.0
	14	40.7	5.75	48.5	6.94	56.4	8.21	60.3	8.86	64.2	9.53	72.1	10.9	79.9	12.3
	16	40.7	5.85	48.5	7.07	56.4	8.36	60.3	9.03	64.2	9.71	72.1	11.1	79.8	12.5
	18	40.7	5.95	48.5	7.21	56.4	8.53	60.3	9.21	64.2	9.90	72.1	11.3	78.7	12.9
	20	40.7	6.06	48.5	7.34	56.4	8.70	60.3	9.39	64.2	10.3	72.1	12.2	77.6	13.5
	21	40.7	6.12	48.5	7.42	56.4	8.85	60.3	9.72	64.2	10.6	72.1	12.6	77.0	13.8
	23	40.7	6.24	48.5	7.72	56.4	9.47	60.3	10.4	64.2	11.4	72.1	13.5	76.0	14.4
	25	40.7	6.57	48.5	8.25	56.4	10.1	60.3	11.1	64.2	12.2	72.1	14.5	74.9	15.1
	27	40.7	6.99	48.5	8.79	56.4	10.8	60.3	11.9	64.2	13.0	72.1	15.5	73.8	15.7
	29	40.7	7.44	48.5	9.37	56.4	11.5	60.3	12.7	64.2	13.9	71.2	16.2	72.7	16.3
	31	40.7	7.91	48.5	9.98	56.4	12.3	60.3	13.5	64.2	14.9	70.1	16.8	71.6	17.0
	33	40.7	8.40	48.5	10.6	56.4	13.1	60.3	14.4	64.2	15.9	69.0	17.5	70.5	17.6
	35	40.7	8.92	48.5	11.3	56.4	14.0	60.3	15.4	64.2	16.9	67.9	18.1	69.4	18.3
	37	40.7	9.47	48.5	12.0	56.4	14.9	60.3	16.4	64.2	18.0	66.9	18.7	68.3	18.9
	39	40.7	10.0	48.5	12.8	56.4	15.8	60.3	17.5	64.2	19.2	65.8	19.4	67.2	19.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (480)	10	36.2	4.93	43.1	5.91	50.1	6.94	53.6	7.48	57.1	8.02	64.1	9.15	71.0	10.3
	12	36.2	5.01	43.1	6.01	50.1	7.06	53.6	7.61	57.1	8.17	64.1	9.32	71.0	10.5
	14	36.2	5.09	43.1	6.11	50.1	7.19	53.6	7.75	57.1	8.33	64.1	9.50	71.0	10.7
	16	36.2	5.18	43.1	6.22	50.1	7.33	53.6	7.90	57.1	8.48	64.1	9.69	71.0	10.9
	18	36.2	5.27	43.1	6.34	50.1	7.47	53.6	8.05	57.1	8.65	64.1	9.88	71.0	11.1
	20	36.2	5.36	43.1	6.46	50.1	7.61	53.6	8.21	57.1	8.82	64.1	10.2	71.0	11.9
	21	36.2	5.41	43.1	6.52	50.1	7.69	53.6	8.29	57.1	9.00	64.1	10.6	71.0	12.3
	23	36.2	5.51	43.1	6.64	50.1	8.06	53.6	8.83	57.1	9.64	64.1	11.4	71.0	13.2
	25	36.2	5.69	43.1	7.07	50.1	8.61	53.6	9.43	57.1	10.3	64.1	12.2	71.0	14.2
	27	36.2	6.05	43.1	7.53	50.1	9.18	53.6	10.1	57.1	11.0	64.1	13.0	71.0	15.1
	29	36.2	6.43	43.1	8.02	50.1	9.79	53.6	10.7	57.1	11.7	64.1	13.9	71.0	16.2
	31	36.2	6.83	43.1	8.53	50.1	10.4	53.6	11.4	57.1	12.5	64.1	14.8	69.9	16.8
	33	36.2	7.25	43.1	9.07	50.1	11.1	53.6	12.2	57.1	13.3	64.1	15.8	68.8	17.5
	35	36.2	7.69	43.1	9.63	50.1	11.8	53.6	13.0	57.1	14.2	64.1	16.8	67.8	18.1
	37	36.2	8.15	43.1	10.2	50.1	12.6	53.6	13.8	57.1	15.1	64.1	17.9	66.7	18.7
	39	36.2	8.63	43.1	10.9	50.1	13.3	53.6	14.7	57.1	16.1	64.1	19.1	65.6	19.4
70% (420)	10	31.6	4.34	37.7	5.15	43.8	6.01	46.9	6.46	49.9	6.91	56.1	7.86	62.2	8.84
	12	31.6	4.40	37.7	5.23	43.8	6.11	46.9	6.57	49.9	7.04	56.1	8.01	62.2	9.00
	14	31.6	4.47	37.7	5.32	43.8	6.22	46.9	6.69	49.9	7.17	56.1	8.16	62.2	9.17
	16	31.6	4.54	37.7	5.41	43.8	6.33	46.9	6.81	49.9	7.30	56.1	8.31	62.2	9.35
	18	31.6	4.62	37.7	5.51	43.8	6.45	46.9	6.94	49.9	7.44	56.1	8.47	62.2	9.54
	20	31.6	4.70	37.7	5.60	43.8	6.57	46.9	7.07	49.9	7.58	56.1	8.64	62.2	9.80
	21	31.6	4.74	37.7	5.66	43.8	6.63	46.9	7.14	49.9	7.66	56.1	8.78	62.2	10.2
	23	31.6	4.82	37.7	5.76	43.8	6.77	46.9	7.38	49.9	8.03	56.1	9.39	62.2	10.9
	25	31.6	4.90	37.7	5.99	43.8	7.22	46.9	7.88	49.9	8.57	56.1	10.0	62.2	11.6
	27	31.6	5.18	37.7	6.37	43.8	7.69	46.9	8.40	49.9	9.14	56.1	10.7	62.2	12.4
	29	31.6	5.50	37.7	6.78	43.8	8.19	46.9	8.95	49.9	9.74	56.1	11.4	62.2	13.3
	31	31.6	5.83	37.7	7.20	43.8	8.71	46.9	9.53	49.9	10.4	56.1	12.2	62.2	14.2
	33	31.6	6.18	37.7	7.64	43.8	9.26	46.9	10.1	49.9	11.0	56.1	13.0	62.2	15.1
	35	31.6	6.55	37.7	8.11	43.8	9.84	46.9	10.8	49.9	11.8	56.1	13.8	62.2	16.1
	37	31.6	6.93	37.7	8.60	43.8	10.5	46.9	11.4	49.9	12.5	56.1	14.7	62.2	17.1
	39	31.6	7.33	37.7	9.11	43.8	11.1	46.9	12.2	49.9	13.3	56.1	15.7	62.2	18.3
60% (360)	10	27.1	3.77	32.4	4.43	37.6	5.12	40.2	5.49	42.8	5.86	48.0	6.63	53.3	7.43
	12	27.1	3.83	32.4	4.50	37.6	5.21	40.2	5.58	42.8	5.96	48.0	6.75	53.3	7.56
	14	27.1	3.88	32.4	4.57	37.6	5.30	40.2	5.67	42.8	6.06	48.0	6.87	53.3	7.70
	16	27.1	3.94	32.4	4.64	37.6	5.39	40.2	5.77	42.8	6.17	48.0	6.99	53.3	7.85
	18	27.1	4.00	32.4	4.72	37.6	5.48	40.2	5.88	42.8	6.29	48.0	7.13	53.3	8.00
	20	27.1	4.06	32.4	4.80	37.6	5.58	40.2	5.99	42.8	6.40	48.0	7.26	53.3	8.15
	21	27.1	4.10	32.4	4.84	37.6	5.63	40.2	6.04	42.8	6.46	48.0	7.33	53.3	8.24
	23	27.1	4.16	32.4	4.92	37.6	5.73	40.2	6.16	42.8	6.59	48.0	7.62	53.3	8.76
	25	27.1	4.23	32.4	5.01	37.6	5.96	40.2	6.47	42.8	7.00	48.0	8.14	53.3	9.36
	27	27.1	4.39	32.4	5.31	37.6	6.34	40.2	6.89	42.8	7.46	48.0	8.68	53.3	9.99
	29	27.1	4.65	32.4	5.64	37.6	6.74	40.2	7.33	42.8	7.94	48.0	9.25	53.3	10.7
	31	27.1	4.92	32.4	5.98	37.6	7.16	40.2	7.79	42.8	8.45	48.0	9.84	53.3	11.3
	33	27.1	5.21	32.4	6.34	37.6	7.60	40.2	8.27	42.8	8.98	48.0	10.5	53.3	12.1
	35	27.1	5.50	32.4	6.72	37.6	8.06	40.2	8.78	42.8	9.53	48.0	11.1	53.3	12.9
	37	27.1	5.82	32.4	7.11	37.6	8.55	40.2	9.32	42.8	10.1	48.0	11.8	53.3	13.7
	39	27.1	6.14	32.4	7.53	37.6	9.06	40.2	9.89	42.8	10.7	48.0	12.6	53.3	14.6
50% (300)	10	22.6	3.24	27.0	3.75	31.3	4.29	33.5	4.58	35.7	4.87	40.0	5.46	44.4	6.09
	12	22.6	3.28	27.0	3.81	31.3	4.36	33.5	4.65	35.7	4.94	40.0	5.56	44.4	6.19
	14	22.6	3.33	27.0	3.86	31.3	4.43	33.5	4.72	35.7	5.03	40.0	5.65	44.4	6.30
	16	22.6	3.37	27.0	3.92	31.3	4.50	33.5	4.80	35.7	5.11	40.0	5.75	44.4	6.42
	18	22.6	3.42	27.0	3.98	31.3	4.57	33.5	4.88	35.7	5.20	40.0	5.85	44.4	6.54
	20	22.6	3.47	27.0	4.04	31.3	4.65	33.5	4.96	35.7	5.29	40.0	5.96	44.4	6.66
	21	22.6	3.49	27.0	4.07	31.3	4.69	33.5	5.01	35.7	5.34	40.0	6.02	44.4	6.72
	23	22.6	3.55	27.0	4.14	31.3	4.77	33.5	5.10	35.7	5.43	40.0	6.13	44.4	6.88
	25	22.6	3.60	27.0	4.21	31.3	4.85	33.5	5.20	35.7	5.60	40.0	6.44	44.4	7.34
	27	22.6	3.66	27.0	4.36	31.3	5.12	33.5	5.53	35.7	5.96	40.0	6.85	44.4	7.82
	29	22.6	3.87	27.0	4.62	31.3	5.44	33.5	5.87	35.7	6.33	40.0	7.29	44.4	8.32
	31	22.6	4.09	27.0	4.89	31.3	5.76	33.5	6.23	35.7	6.72	40.0	7.75	44.4	8.86
	33	22.6	4.32	27.0	5.17	31.3	6.11	33.5	6.61	35.7	7.13	40.0	8.23	44.4	9.41
	35	22.6	4.56	27.0	5.47	31.3	6.47	33.5	7.00	35.7	7.56	40.0	8.74	44.4	10.0
	37	22.6	4.81	27.0	5.78	31.3	6.85	33.5	7.42	35.7	8.01	40.0	9.27	44.4	10.6
	39	22.6	5.07	27.0	6.10	31.3	7.24	33.5	7.85	35.7	8.49	40.0	9.84	44.4	11.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ26TSY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (845)	10	63.5	9.48	75.7	11.6	88.0	13.8	91.2	14.1	92.3	13.8	94.6	13.2	96.9	12.6
	12	63.5	9.66	75.7	11.8	88.0	14.1	90.0	14.0	91.2	13.7	93.4	13.1	95.7	12.9
	14	63.5	9.84	75.7	12.1	87.7	14.3	88.8	14.0	90.0	13.7	92.3	13.6	94.6	13.7
	16	63.5	10.0	75.7	12.3	86.5	14.2	87.7	14.1	88.8	14.1	91.1	14.3	93.4	14.4
	18	63.5	10.2	75.7	12.5	85.3	14.7	86.5	14.8	87.6	14.9	89.9	15.0	92.2	15.2
	20	63.5	10.4	75.7	13.4	84.1	15.4	85.3	15.5	86.4	15.6	88.7	15.8	91.0	15.9
	21	63.5	10.7	75.7	13.8	83.6	15.8	84.7	15.9	85.9	16.0	88.1	16.1	90.4	16.3
	23	63.5	11.5	75.7	14.8	82.4	16.5	83.5	16.6	84.7	16.7	87.0	16.9	89.3	17.0
	25	63.5	12.3	75.7	15.9	81.2	17.2	82.4	17.3	83.5	17.4	85.8	17.6	88.1	17.8
	27	63.5	13.1	75.7	17.0	80.0	18.0	81.2	18.1	82.3	18.2	84.6	18.4	86.9	18.5
	29	63.5	14.0	75.7	18.2	78.8	18.7	80.0	18.8	81.1	18.9	83.4	19.1	85.7	19.3
	31	63.5	14.9	75.4	19.2	77.7	19.4	78.8	19.5	80.0	19.6	82.3	19.9	84.5	20.1
	33	63.5	15.9	74.2	19.9	76.5	20.2	77.6	20.3	78.8	20.4	81.1	20.6	83.4	20.8
	35	63.5	17.0	73.0	20.7	75.3	20.9	76.5	21.0	77.6	21.1	79.9	21.4	82.2	21.6
	37	63.5	18.1	71.8	21.4	74.1	21.6	75.3	21.8	76.4	21.9	78.7	22.1	81.0	22.4
	39	63.5	19.2	70.7	22.1	73.0	22.4	74.1	22.5	75.3	22.7	77.5	22.9	79.8	23.2
120% (780)	10	58.6	8.67	69.9	10.6	81.2	12.6	86.9	13.6	90.9	14.2	93.0	13.6	95.1	13.1
	12	58.6	8.82	69.9	10.8	81.2	12.8	86.9	13.9	89.7	14.1	91.8	13.6	93.9	13.0
	14	58.6	8.99	69.9	11.0	81.2	13.1	86.9	14.1	88.5	14.0	90.6	13.5	92.8	13.6
	16	58.6	9.16	69.9	11.2	81.2	13.3	86.3	14.2	87.4	14.1	89.5	14.2	91.6	14.3
	18	58.6	9.34	69.9	11.4	81.2	13.8	85.1	14.7	86.2	14.8	88.3	14.9	90.4	15.0
	20	58.6	9.52	69.9	11.9	81.2	14.8	83.9	15.4	85.0	15.5	87.1	15.6	89.2	15.8
	21	58.6	9.62	69.9	12.3	81.2	15.4	83.4	15.8	84.4	15.9	86.5	16.0	88.6	16.2
	23	58.6	10.3	69.9	13.2	81.1	16.4	82.2	16.5	83.2	16.6	85.3	16.7	87.5	16.9
	25	58.6	11.0	69.9	14.1	79.9	17.1	81.0	17.2	82.1	17.3	84.2	17.5	86.3	17.6
	27	58.6	11.7	69.9	15.1	78.8	17.9	79.8	18.0	80.9	18.0	83.0	18.2	85.1	18.4
	29	58.6	12.5	69.9	16.1	77.6	18.6	78.6	18.7	79.7	18.8	81.8	19.0	83.9	19.1
	31	58.6	13.3	69.9	17.2	76.4	19.3	77.5	19.4	78.5	19.5	80.6	19.7	82.8	19.9
	33	58.6	14.2	69.9	18.3	75.2	20.0	76.3	20.1	77.3	20.2	79.5	20.5	81.6	20.7
	35	58.6	15.1	69.9	19.5	74.1	20.8	75.1	20.9	76.2	21.0	78.3	21.2	80.4	21.4
	37	58.6	16.1	69.9	20.8	72.9	21.5	73.9	21.6	75.0	21.7	77.1	22.0	79.2	22.2
	39	58.6	17.1	69.6	22.0	71.7	22.2	72.8	22.4	73.8	22.5	75.9	22.7	78.0	23.0
110% (715)	10	53.7	7.87	64.1	9.58	74.5	11.4	79.6	12.3	84.8	13.2	91.4	14.1	93.3	13.6
	12	53.7	8.01	64.1	9.76	74.5	11.6	79.6	12.5	84.8	13.5	90.2	14.0	92.1	13.5
	14	53.7	8.16	64.1	9.95	74.5	11.8	79.6	12.8	84.8	13.7	89.0	13.9	91.0	13.5
	16	53.7	8.31	64.1	10.1	74.5	12.0	79.6	13.0	84.8	14.0	87.9	14.1	89.8	14.2
	18	53.7	8.47	64.1	10.3	74.5	12.3	79.6	13.4	84.7	14.7	86.7	14.8	88.6	14.9
	20	53.7	8.63	64.1	10.5	74.5	13.0	79.6	14.4	83.6	15.4	85.5	15.5	87.4	15.7
	21	53.7	8.72	64.1	10.9	74.5	13.5	79.6	14.9	83.0	15.8	84.9	15.9	86.8	16.0
	23	53.7	9.12	64.1	11.6	74.5	14.5	79.6	16.0	81.8	16.5	83.7	16.6	85.7	16.8
	25	53.7	9.74	64.1	12.4	74.5	15.5	79.6	17.1	80.6	17.2	82.6	17.4	84.5	17.5
	27	53.7	10.4	64.1	13.3	74.5	16.6	78.5	17.8	79.4	17.9	81.4	18.1	83.3	18.2
	29	53.7	11.1	64.1	14.2	74.5	17.7	77.3	18.6	78.3	18.6	80.2	18.8	82.1	19.0
	31	53.7	11.8	64.1	15.1	74.5	18.9	76.1	19.3	77.1	19.4	79.0	19.6	81.0	19.7
	33	53.7	12.6	64.1	16.1	74.0	19.9	74.9	20.0	75.9	20.1	77.8	20.3	79.8	20.5
	35	53.7	13.4	64.1	17.2	72.8	20.6	73.8	20.7	74.7	20.8	76.7	21.0	78.6	21.2
	37	53.7	14.2	64.1	18.3	71.6	21.4	72.6	21.5	73.5	21.6	75.5	21.8	77.4	22.0
	39	53.7	15.1	64.1	19.5	70.4	22.1	71.4	22.2	72.4	22.3	74.3	22.5	76.2	22.8
100% (650)	10	48.9	7.10	58.3	8.61	67.7	10.2	72.4	11.0	77.1	11.9	86.5	13.5	91.5	14.0
	12	48.9	7.22	58.3	8.76	67.7	10.4	72.4	11.2	77.1	12.1	86.5	13.8	90.3	13.9
	14	48.9	7.35	58.3	8.93	67.7	10.6	72.4	11.4	77.1	12.3	86.5	14.1	89.2	13.9
	16	48.9	7.48	58.3	9.10	67.7	10.8	72.4	11.7	77.1	12.5	86.2	14.3	88.0	14.1
	18	48.9	7.62	58.3	9.27	67.7	11.0	72.4	11.9	77.1	12.8	85.1	14.7	86.8	14.8
	20	48.9	7.77	58.3	9.46	67.7	11.3	72.4	12.5	77.1	13.7	83.9	15.4	85.6	15.5
	21	48.9	7.84	58.3	9.55	67.7	11.7	72.4	12.9	77.1	14.2	83.3	15.8	85.0	15.9
	23	48.9	8.05	58.3	10.2	67.7	12.6	72.4	13.9	77.1	15.2	82.1	16.5	83.9	16.6
	25	48.9	8.59	58.3	10.9	67.7	13.5	72.4	14.8	77.1	16.3	80.9	17.2	82.7	17.4
	27	48.9	9.16	58.3	11.6	67.7	14.4	72.4	15.9	77.1	17.4	79.8	17.9	81.5	18.1
	29	48.9	9.75	58.3	12.4	67.7	15.4	72.4	17.0	76.8	18.5	78.6	18.7	80.3	18.8
	31	48.9	10.4	58.3	13.2	67.7	16.4	72.4	18.1	75.6	19.2	77.4	19.4	79.2	19.6
	33	48.9	11.0	58.3	14.1	67.7	17.5	72.4	19.3	74.5	20.0	76.2	20.1	78.0	20.3
	35	48.9	11.7	58.3	15.0	67.7	18.6	72.4	20.6	73.3	20.7	75.0	20.9	76.8	21.1
	37	48.9	12.5	58.3	15.9	67.7	19.8	71.2	21.3	72.1	21.4	73.9	21.6	75.6	21.8
	39	48.9	13.2	58.3	16.9	67.7	21.1	70.0	22.1	70.9	22.2	72.7	22.4	74.4	22.6
90% (585)	10	44.0	6.35	52.4	7.66	60.9	9.05	65.2	9.76	69.4	10.5	77.9	12.0	86.3	13.5
	12	44.0	6.46	52.4	7.80	60.9	9.21	65.2	9.95	69.4	10.7	77.9	12.2	86.3	13.8
	14	44.0	6.57	52.4	7.94	60.9	9.39	65.2	10.1	69.4	10.9	77.9	12.5	86.3	14.0
	16	44.0	6.69	52.4	8.09	60.9	9.57	65.2	10.3	69.4	11.1	77.9	12.7	86.2	14.3
	18	44.0	6.81	52.4	8.24	60.9	9.75	65.2	10.5	69.4	11.3	77.9	12.9	85.0	14.7
	20	44.0	6.93	52.4	8.40	60.9	9.95	65.2	10.7	69.4	11.8	77.9	13.9	83.8	15.4
	21	44.0	7.00	52.4	8.48	60.9	10.1	65.2	11.1	69.4	12.2	77.9	14.4	83.3	15.8
	23	44.0	7.13	52.4	8.83	60.9	10.8	65.2	11.9	69.4	13.0	77.9	15.5	82.1	16.5
	25	44.0	7.51	52.4	9.43	60.9	11.6	65.2	12.7	69.4	14.0	77.9	16.6	80.9	17.2
	27	44.0	8.00	52.4	10.1	60.9	12.4	65.2	13.6	69.4	14.9	77.9	17.7	79.7	17.9
	29	44.0	8.51	52.4	10.7	60.9	13.2	65.2	14.5	69.4	15.9	77.0	18.5	78.5	18.7
	31	44.0	9.05	52.4	11.4	60.9	14.1	65.2	15.5	69.4	17.0	75.8	19.3	77.4	19.4
	33	44.0	9.61	52.4	12.1	60.9	15.0	65.2	16.5	69.4	18.1	74.6	20.0	76.2	20.1
	35	44.0	10.2	52.4	12.9	60.9	16.0	65.2	17.6	69.4	19.3	73.4	20.7	75.0	20.9
	37	44.0	10.8	52.4	13.7	60.9	17.0	65.2	18.7	69.4	20.6	72.2	21.4	73.8	21.6
	39	44.0	11.5	52.4	14.6	60.9	18.1	65.2	20.0	69.4	21.9	71.1	22.2	72.7	22.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (520)	10	39.1	5.64	46.6	6.75	54.1	7.94	57.9	8.55	61.7	9.18	69.2	10.5	76.8	11.8
	12	39.1	5.73	46.6	6.87	54.1	8.08	57.9	8.70	61.7	9.35	69.2	10.7	76.8	12.0
	14	39.1	5.83	46.6	6.99	54.1	8.23	57.9	8.87	61.7	9.52	69.2	10.9	76.8	12.2
	16	39.1	5.92	46.6	7.12	54.1	8.38	57.9	9.03	61.7	9.70	69.2	11.1	76.8	12.5
	18	39.1	6.03	46.6	7.25	54.1	8.54	57.9	9.21	61.7	9.89	69.2	11.3	76.8	12.7
	20	39.1	6.13	46.6	7.38	54.1	8.71	57.9	9.39	61.7	10.1	69.2	11.7	76.8	13.6
	21	39.1	6.19	46.6	7.45	54.1	8.79	57.9	9.48	61.7	10.3	69.2	12.1	76.8	14.1
	23	39.1	6.30	46.6	7.60	54.1	9.22	57.9	10.1	61.7	11.0	69.2	13.0	76.8	15.1
	25	39.1	6.51	46.6	8.09	54.1	9.84	57.9	10.8	61.7	11.8	69.2	13.9	76.8	16.2
	27	39.1	6.92	46.6	8.62	54.1	10.5	57.9	11.5	61.7	12.6	69.2	14.9	76.8	17.3
	29	39.1	7.36	46.6	9.17	54.1	11.2	57.9	12.3	61.7	13.4	69.2	15.9	76.7	18.5
	31	39.1	7.81	46.6	9.75	54.1	11.9	57.9	13.1	61.7	14.3	69.2	16.9	75.6	19.2
	33	39.1	8.29	46.6	10.4	54.1	12.7	57.9	13.9	61.7	15.3	69.2	18.1	74.4	20.0
	35	39.1	8.79	46.6	11.0	54.1	13.5	57.9	14.8	61.7	16.2	69.2	19.3	73.2	20.7
	37	39.1	9.32	46.6	11.7	54.1	14.4	57.9	15.8	61.7	17.3	69.2	20.5	72.0	21.4
	39	39.1	9.87	46.6	12.4	54.1	15.3	57.9	16.8	61.7	18.4	69.2	21.9	70.9	22.2
70% (455)	10	34.2	4.96	40.8	5.89	47.4	6.87	50.7	7.38	54.0	7.91	60.6	8.99	67.2	10.1
	12	34.2	5.04	40.8	5.98	47.4	6.99	50.7	7.51	54.0	8.05	60.6	9.16	67.2	10.3
	14	34.2	5.11	40.8	6.08	47.4	7.11	50.7	7.65	54.0	8.20	60.6	9.33	67.2	10.5
	16	34.2	5.20	40.8	6.19	47.4	7.24	50.7	7.79	54.0	8.35	60.6	9.51	67.2	10.7
	18	34.2	5.28	40.8	6.30	47.4	7.37	50.7	7.93	54.0	8.51	60.6	9.69	67.2	10.9
	20	34.2	5.37	40.8	6.41	47.4	7.51	50.7	8.09	54.0	8.67	60.6	9.88	67.2	11.2
	21	34.2	5.42	40.8	6.47	47.4	7.58	50.7	8.17	54.0	8.76	60.6	10.0	67.2	11.6
	23	34.2	5.51	40.8	6.59	47.4	7.74	50.7	8.44	54.0	9.18	60.6	10.7	67.2	12.4
	25	34.2	5.61	40.8	6.85	47.4	8.26	50.7	9.01	54.0	9.80	60.6	11.5	67.2	13.3
	27	34.2	5.93	40.8	7.29	47.4	8.80	50.7	9.61	54.0	10.5	60.6	12.3	67.2	14.2
	29	34.2	6.29	40.8	7.75	47.4	9.37	50.7	10.2	54.0	11.1	60.6	13.1	67.2	15.2
	31	34.2	6.67	40.8	8.23	47.4	9.96	50.7	10.9	54.0	11.9	60.6	13.9	67.2	16.2
	33	34.2	7.07	40.8	8.74	47.4	10.6	50.7	11.6	54.0	12.6	60.6	14.9	67.2	17.3
	35	34.2	7.49	40.8	9.27	47.4	11.3	50.7	12.3	54.0	13.4	60.6	15.8	67.2	18.4
	37	34.2	7.93	40.8	9.83	47.4	12.0	50.7	13.1	54.0	14.3	60.6	16.8	67.2	19.6
	39	34.2	8.39	40.8	10.4	47.4	12.7	50.7	13.9	54.0	15.2	60.6	17.9	67.2	20.9
60% (390)	10	29.3	4.31	35.0	5.06	40.6	5.86	43.4	6.27	46.3	6.70	51.9	7.58	57.6	8.49
	12	29.3	4.38	35.0	5.14	40.6	5.96	43.4	6.38	46.3	6.82	51.9	7.71	57.6	8.65
	14	29.3	4.44	35.0	5.22	40.6	6.06	43.4	6.49	46.3	6.93	51.9	7.85	57.6	8.81
	16	29.3	4.51	35.0	5.31	40.6	6.16	43.4	6.60	46.3	7.06	51.9	8.00	57.6	8.97
	18	29.3	4.57	35.0	5.40	40.6	6.27	43.4	6.72	46.3	7.19	51.9	8.15	57.6	9.15
	20	29.3	4.65	35.0	5.49	40.6	6.38	43.4	6.85	46.3	7.32	51.9	8.31	57.6	9.33
	21	29.3	4.68	35.0	5.53	40.6	6.44	43.4	6.91	46.3	7.39	51.9	8.39	57.6	9.42
	23	29.3	4.76	35.0	5.63	40.6	6.56	43.4	7.04	46.3	7.53	51.9	8.72	57.6	10.0
	25	29.3	4.84	35.0	5.73	40.6	6.81	43.4	7.40	46.3	8.01	51.9	9.31	57.6	10.7
	27	29.3	5.02	35.0	6.08	40.6	7.25	43.4	7.88	46.3	8.53	51.9	9.92	57.6	11.4
	29	29.3	5.31	35.0	6.45	40.6	7.71	43.4	8.38	46.3	9.08	51.9	10.6	57.6	12.2
	31	29.3	5.63	35.0	6.84	40.6	8.19	43.4	8.91	46.3	9.66	51.9	11.3	57.6	13.0
	33	29.3	5.95	35.0	7.25	40.6	8.69	43.4	9.46	46.3	10.3	51.9	12.0	57.6	13.8
	35	29.3	6.29	35.0	7.68	40.6	9.22	43.4	10.0	46.3	10.9	51.9	12.7	57.6	14.7
	37	29.3	6.65	35.0	8.14	40.6	9.78	43.4	10.7	46.3	11.6	51.9	13.5	57.6	15.7
	39	29.3	7.03	35.0	8.61	40.6	10.4	43.4	11.3	46.3	12.3	51.9	14.4	57.6	16.7
50% (325)	10	24.4	3.71	29.1	4.29	33.8	4.91	36.2	5.23	38.6	5.56	43.3	6.25	48.0	6.96
	12	24.4	3.76	29.1	4.35	33.8	4.99	36.2	5.32	38.6	5.65	43.3	6.35	48.0	7.08
	14	24.4	3.81	29.1	4.42	33.8	5.06	36.2	5.40	38.6	5.75	43.3	6.46	48.0	7.21
	16	24.4	3.86	29.1	4.48	33.8	5.14	36.2	5.49	38.6	5.84	43.3	6.58	48.0	7.34
	18	24.4	3.91	29.1	4.55	33.8	5.23	36.2	5.58	38.6	5.94	43.3	6.69	48.0	7.47
	20	24.4	3.97	29.1	4.62	33.8	5.32	36.2	5.68	38.6	6.05	43.3	6.82	48.0	7.62
	21	24.4	4.00	29.1	4.66	33.8	5.36	36.2	5.73	38.6	6.10	43.3	6.88	48.0	7.69
	23	24.4	4.06	29.1	4.73	33.8	5.45	36.2	5.83	38.6	6.21	43.3	7.01	48.0	7.86
	25	24.4	4.12	29.1	4.81	33.8	5.55	36.2	5.95	38.6	6.40	43.3	7.36	48.0	8.39
	27	24.4	4.18	29.1	4.98	33.8	5.86	36.2	6.32	38.6	6.81	43.3	7.84	48.0	8.94
	29	24.4	4.43	29.1	5.28	33.8	6.22	36.2	6.72	38.6	7.24	43.3	8.34	48.0	9.52
	31	24.4	4.68	29.1	5.59	33.8	6.59	36.2	7.13	38.6	7.68	43.3	8.86	48.0	10.1
	33	24.4	4.94	29.1	5.91	33.8	6.98	36.2	7.56	38.6	8.15	43.3	9.41	48.0	10.8
	35	24.4	5.21	29.1	6.25	33.8	7.40	36.2	8.01	38.6	8.64	43.3	9.99	48.0	11.4
	37	24.4	5.50	29.1	6.61	33.8	7.83	36.2	8.48	38.6	9.16	43.3	10.6	48.0	12.2
	39	24.4	5.79	29.1	6.98	33.8	8.28	36.2	8.98	38.6	9.71	43.3	11.2	48.0	12.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ28TSY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (910)	10	68.9	10.1	82.1	12.4	95.4	14.7	98.9	15.1	100	14.8	103	14.1	105	13.5
	12	68.9	10.3	82.1	12.6	95.4	15.0	97.6	15.0	98.8	14.7	101	14.0	104	13.8
	14	68.9	10.5	82.1	12.9	95.1	15.2	96.3	14.9	97.6	14.6	100	14.5	103	14.6
	16	68.9	10.7	82.1	13.1	93.8	15.1	95.0	15.0	96.3	15.1	98.8	15.3	101	15.4
	18	68.9	10.9	82.1	13.4	92.5	15.7	93.8	15.8	95.0	15.9	97.5	16.0	100	16.2
	20	68.9	11.1	82.1	14.3	91.2	16.5	92.5	16.6	93.7	16.7	96.2	16.8	98.7	17.0
	21	68.9	11.5	82.1	14.8	90.6	16.9	91.8	17.0	93.1	17.0	95.6	17.2	98.1	17.4
	23	68.9	12.3	82.1	15.8	89.3	17.6	90.6	17.7	91.8	17.8	94.3	18.0	96.8	18.2
	25	68.9	13.1	82.1	17.0	88.0	18.4	89.3	18.5	90.5	18.6	93.0	18.8	95.5	19.0
	27	68.9	14.0	82.1	18.1	86.8	19.2	88.0	19.3	89.3	19.4	91.7	19.6	94.2	19.8
	29	68.9	14.9	82.1	19.4	85.5	20.0	86.7	20.1	88.0	20.2	90.5	20.4	92.9	20.6
	31	68.9	15.9	81.7	20.5	84.2	20.8	85.5	20.9	86.7	21.0	89.2	21.2	91.7	21.4
	33	68.9	17.0	80.5	21.3	82.9	21.5	84.2	21.7	85.4	21.8	87.9	22.0	90.4	22.3
	35	68.9	18.1	79.2	22.1	81.7	22.3	82.9	22.5	84.1	22.6	86.6	22.8	89.1	23.1
	37	68.9	19.3	77.9	22.8	80.4	23.1	81.6	23.2	82.9	23.4	85.4	23.7	87.8	23.9
	39	68.9	20.5	76.6	23.6	79.1	23.9	80.4	24.1	81.6	24.2	84.1	24.5	86.6	24.8
120% (840)	10	63.6	9.26	75.8	11.3	88.1	13.4	94.2	14.5	98.5	15.1	101	14.6	103	14.0
	12	63.6	9.42	75.8	11.5	88.1	13.7	94.2	14.8	97.3	15.1	99.6	14.5	102	13.9
	14	63.6	9.60	75.8	11.7	88.1	14.0	94.2	15.1	96.0	15.0	98.3	14.4	101	14.5
	16	63.6	9.78	75.8	12.0	88.1	14.2	93.6	15.2	94.7	15.0	97.0	15.1	99.3	15.3
	18	63.6	9.97	75.8	12.2	88.1	14.7	92.3	15.7	93.4	15.8	95.7	15.9	98.0	16.1
	20	63.6	10.2	75.8	12.7	88.1	15.8	91.0	16.5	92.2	16.6	94.5	16.7	96.7	16.9
	21	63.6	10.3	75.8	13.1	88.1	16.4	90.4	16.9	91.5	16.9	93.8	17.1	96.1	17.2
	23	63.6	11.0	75.8	14.1	88.0	17.5	89.1	17.6	90.2	17.7	92.5	17.9	94.8	18.0
	25	63.6	11.7	75.8	15.1	86.7	18.3	87.8	18.4	89.0	18.5	91.3	18.7	93.6	18.8
	27	63.6	12.5	75.8	16.1	85.4	19.1	86.5	19.2	87.7	19.3	90.0	19.5	92.3	19.6
	29	63.6	13.3	75.8	17.2	84.1	19.9	85.3	19.9	86.4	20.0	88.7	20.2	91.0	20.4
	31	63.6	14.2	75.8	18.4	82.8	20.6	84.0	20.7	85.1	20.8	87.4	21.0	89.7	21.3
	33	63.6	15.1	75.8	19.6	81.6	21.4	82.7	21.5	83.9	21.6	86.2	21.8	88.4	22.1
	35	63.6	16.1	75.8	20.9	80.3	22.2	81.4	22.3	82.6	22.4	84.9	22.7	87.2	22.9
	37	63.6	17.2	75.8	22.2	79.0	23.0	80.2	23.1	81.3	23.2	83.6	23.5	85.9	23.7
	39	63.6	18.3	75.4	23.5	77.7	23.8	78.9	23.9	80.0	24.0	82.3	24.3	84.6	24.5
110% (770)	10	58.3	8.40	69.5	10.2	80.7	12.2	86.3	13.1	92.0	14.1	99.1	15.0	101	14.5
	12	58.3	8.55	69.5	10.4	80.7	12.4	86.3	13.4	92.0	14.4	97.8	14.9	99.9	14.4
	14	58.3	8.71	69.5	10.6	80.7	12.6	86.3	13.6	92.0	14.7	96.5	14.8	98.6	14.4
	16	58.3	8.87	69.5	10.8	80.7	12.9	86.3	13.9	92.0	15.0	95.3	15.0	97.4	15.2
	18	58.3	9.04	69.5	11.0	80.7	13.1	86.3	14.3	91.9	15.7	94.0	15.8	96.1	15.9
	20	58.3	9.22	69.5	11.3	80.7	13.9	86.3	15.4	90.6	16.4	92.7	16.6	94.8	16.7
	21	58.3	9.31	69.5	11.6	80.7	14.4	86.3	15.9	90.0	16.8	92.1	17.0	94.2	17.1
	23	58.3	9.74	69.5	12.4	80.7	15.4	86.3	17.1	88.7	17.6	90.8	17.7	92.9	17.9
	25	58.3	10.4	69.5	13.3	80.7	16.5	86.3	18.3	87.4	18.4	89.5	18.5	91.6	18.7
	27	58.3	11.1	69.5	14.2	80.7	17.7	85.1	19.1	86.1	19.1	88.2	19.3	90.3	19.5
	29	58.3	11.8	69.5	15.1	80.7	18.9	83.8	19.8	84.9	19.9	87.0	20.1	89.1	20.3
	31	58.3	12.6	69.5	16.2	80.7	20.2	82.5	20.6	83.6	20.7	85.7	20.9	87.8	21.1
	33	58.3	13.4	69.5	17.2	80.2	21.3	81.2	21.4	82.3	21.5	84.4	21.7	86.5	21.9
	35	58.3	14.3	69.5	18.3	78.9	22.0	80.0	22.2	81.0	22.3	83.1	22.5	85.2	22.7
	37	58.3	15.2	69.5	19.5	77.6	22.8	78.7	22.9	79.7	23.0	81.8	23.3	83.9	23.5
	39	58.3	16.1	69.5	20.8	76.4	23.6	77.4	23.7	78.5	23.8	80.6	24.1	82.7	24.3
100% (700)	10	53.0	7.58	63.2	9.19	73.4	10.9	78.5	11.8	83.6	12.7	93.8	14.5	99.2	15.0
	12	53.0	7.71	63.2	9.36	73.4	11.1	78.5	12.0	83.6	12.9	93.8	14.7	98.0	14.9
	14	53.0	7.85	63.2	9.53	73.4	11.3	78.5	12.2	83.6	13.1	93.8	15.0	96.7	14.8
	16	53.0	7.99	63.2	9.71	73.4	11.5	78.5	12.5	83.6	13.4	93.5	15.2	95.4	15.1
	18	53.0	8.14	63.2	9.90	73.4	11.8	78.5	12.7	83.6	13.7	92.2	15.7	94.1	15.8
	20	53.0	8.30	63.2	10.1	73.4	12.1	78.5	13.3	83.6	14.6	90.9	16.5	92.9	16.6
	21	53.0	8.38	63.2	10.2	73.4	12.5	78.5	13.8	83.6	15.2	90.3	16.9	92.2	17.0
	23	53.0	8.60	63.2	10.9	73.4	13.4	78.5	14.8	83.6	16.3	89.0	17.6	90.9	17.8
	25	53.0	9.17	63.2	11.6	73.4	14.4	78.5	15.9	83.6	17.4	87.8	18.4	89.7	18.5
	27	53.0	9.78	63.2	12.4	73.4	15.4	78.5	16.9	83.6	18.6	86.5	19.2	88.4	19.3
	29	53.0	10.4	63.2	13.2	73.4	16.4	78.5	18.1	83.3	19.8	85.2	19.9	87.1	20.1
	31	53.0	11.1	63.2	14.1	73.4	17.5	78.5	19.3	82.0	20.5	83.9	20.7	85.8	20.9
	33	53.0	11.8	63.2	15.0	73.4	18.7	78.5	20.6	80.7	21.3	82.6	21.5	84.6	21.7
	35	53.0	12.5	63.2	16.0	73.4	19.9	78.5	22.0	79.5	22.1	81.4	22.3	83.3	22.5
	37	53.0	13.3	63.2	17.0	73.4	21.2	77.2	22.8	78.2	22.9	80.1	23.1	82.0	23.3
	39	53.0	14.1	63.2	18.1	73.4	22.6	75.9	23.6	76.9	23.7	78.8	23.9	80.7	24.1
90% (630)	10	47.7	6.79	56.9	8.18	66.0	9.66	70.6	10.4	75.2	11.2	84.4	12.8	93.6	14.4
	12	47.7	6.90	56.9	8.33	66.0	9.84	70.6	10.6	75.2	11.4	84.4	13.0	93.6	14.7
	14	47.7	7.02	56.9	8.48	66.0	10.0	70.6	10.8	75.2	11.6	84.4	13.3	93.6	15.0
	16	47.7	7.14	56.9	8.64	66.0	10.2	70.6	11.0	75.2	11.9	84.4	13.6	93.5	15.2
	18	47.7	7.27	56.9	8.80	66.0	10.4	70.6	11.2	75.2	12.1	84.4	13.8	92.2	15.7
	20	47.7	7.41	56.9	8.97	66.0	10.6	70.6	11.5	75.2	12.5	84.4	14.9	90.9	16.5
	21	47.7	7.47	56.9	9.06	66.0	10.8	70.6	11.9	75.2	13.0	84.4	15.4	90.3	16.9
	23	47.7	7.62	56.9	9.43	66.0	11.6	70.6	12.7	75.2	13.9	84.4	16.5	89.0	17.6
	25	47.7	8.02	56.9	10.1	66.0	12.4	70.6	13.6	75.2	14.9	84.4	17.7	87.7	18.4
	27	47.7	8.54	56.9	10.7	66.0	13.2	70.6	14.5	75.2	15.9	84.4	18.9	86.4	19.2
	29	47.7	9.09	56.9	11.4	66.0	14.1	70.6	15.5	75.2	17.0	83.4	19.8	85.2	19.9
	31	47.7	9.66	56.9	12.2	66.0	15.0	70.6	16.5	75.2	18.2	82.2	20.6	83.9	20.7
	33	47.7	10.3	56.9	13.0	66.0	16.0	70.6	17.6	75.2	19.4	80.9	21.3	82.6	21.5
	35	47.7	10.9	56.9	13.8	66.0	17.0	70.6	18.8	75.2	20.6	79.6	22.1	81.3	22.3
	37	47.7	11.6	56.9	14.7	66.0	18.1	70.6	20.0	75.2	22.0	78.3	22.9	80.1	23.1
	39	47.7	12.3	56.9	15.6	66.0	19.3	70.6	21.3	75.2	23.4	77.1	23.7	78.8	23.9

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (560)	10	42.4	6.02	50.5	7.21	58.7	8.47	62.8	9.13	66.9	9.80	75.1	11.2	83.2	12.6
	12	42.4	6.12	50.5	7.34	58.7	8.63	62.8	9.30	66.9	9.98	75.1	11.4	83.2	12.8
	14	42.4	6.22	50.5	7.47	58.7	8.78	62.8	9.47	66.9	10.2	75.1	11.6	83.2	13.1
	16	42.4	6.33	50.5	7.60	58.7	8.95	62.8	9.65	66.9	10.4	75.1	11.8	83.2	13.3
	18	42.4	6.44	50.5	7.74	58.7	9.12	62.8	9.83	66.9	10.6	75.1	12.1	83.2	13.6
	20	42.4	6.55	50.5	7.88	58.7	9.30	62.8	10.0	66.9	10.8	75.1	12.5	83.2	14.5
	21	42.4	6.61	50.5	7.96	58.7	9.39	62.8	10.1	66.9	11.0	75.1	12.9	83.2	15.1
	23	42.4	6.73	50.5	8.11	58.7	9.84	62.8	10.8	66.9	11.8	75.1	13.9	83.2	16.1
	25	42.4	6.95	50.5	8.64	58.7	10.5	62.8	11.5	66.9	12.6	75.1	14.8	83.2	17.3
	27	42.4	7.39	50.5	9.20	58.7	11.2	62.8	12.3	66.9	13.4	75.1	15.9	83.2	18.5
	29	42.4	7.86	50.5	9.79	58.7	12.0	62.8	13.1	66.9	14.3	75.1	16.9	83.2	19.8
	31	42.4	8.34	50.5	10.4	58.7	12.7	62.8	14.0	66.9	15.3	75.1	18.1	81.9	20.5
	33	42.4	8.85	50.5	11.1	58.7	13.5	62.8	14.9	66.9	16.3	75.1	19.3	80.7	21.3
	35	42.4	9.39	50.5	11.8	58.7	14.4	62.8	15.8	66.9	17.3	75.1	20.6	79.4	22.1
	37	42.4	9.95	50.5	12.5	58.7	15.3	62.8	16.9	66.9	18.5	75.1	21.9	78.1	22.9
	39	42.4	10.5	50.5	13.3	58.7	16.3	62.8	17.9	66.9	19.7	75.1	23.3	76.8	23.7
70% (490)	10	37.1	5.30	44.2	6.29	51.4	7.34	54.9	7.88	58.5	8.44	65.7	9.60	72.8	10.8
	12	37.1	5.38	44.2	6.39	51.4	7.46	54.9	8.02	58.5	8.60	65.7	9.78	72.8	11.0
	14	37.1	5.46	44.2	6.50	51.4	7.60	54.9	8.17	58.5	8.75	65.7	9.96	72.8	11.2
	16	37.1	5.55	44.2	6.61	51.4	7.73	54.9	8.32	58.5	8.92	65.7	10.2	72.8	11.4
	18	37.1	5.64	44.2	6.72	51.4	7.87	54.9	8.47	58.5	9.09	65.7	10.3	72.8	11.6
	20	37.1	5.73	44.2	6.84	51.4	8.02	54.9	8.64	58.5	9.26	65.7	10.6	72.8	12.0
	21	37.1	5.78	44.2	6.91	51.4	8.10	54.9	8.72	58.5	9.35	65.7	10.7	72.8	12.4
	23	37.1	5.88	44.2	7.04	51.4	8.27	54.9	9.02	58.5	9.80	65.7	11.5	72.8	13.3
	25	37.1	5.99	44.2	7.31	51.4	8.82	54.9	9.62	58.5	10.5	65.7	12.3	72.8	14.2
	27	37.1	6.33	44.2	7.78	51.4	9.39	54.9	10.3	58.5	11.2	65.7	13.1	72.8	15.2
	29	37.1	6.72	44.2	8.27	51.4	10.0	54.9	10.9	58.5	11.9	65.7	14.0	72.8	16.2
	31	37.1	7.12	44.2	8.79	51.4	10.6	54.9	11.6	58.5	12.7	65.7	14.9	72.8	17.3
	33	37.1	7.55	44.2	9.33	51.4	11.3	54.9	12.4	58.5	13.5	65.7	15.9	72.8	18.4
	35	37.1	8.00	44.2	9.90	51.4	12.0	54.9	13.2	58.5	14.4	65.7	16.9	72.8	19.7
	37	37.1	8.46	44.2	10.5	51.4	12.8	54.9	14.0	58.5	15.3	65.7	18.0	72.8	20.9
	39	37.1	8.96	44.2	11.1	51.4	13.6	54.9	14.9	58.5	16.2	65.7	19.1	72.8	22.3
60% (420)	10	31.8	4.61	37.9	5.41	44.0	6.26	47.1	6.70	50.2	7.16	56.3	8.09	62.4	9.07
	12	31.8	4.67	37.9	5.49	44.0	6.36	47.1	6.81	50.2	7.28	56.3	8.24	62.4	9.23
	14	31.8	4.74	37.9	5.58	44.0	6.47	47.1	6.93	50.2	7.41	56.3	8.39	62.4	9.40
	16	31.8	4.81	37.9	5.67	44.0	6.58	47.1	7.05	50.2	7.54	56.3	8.54	62.4	9.58
	18	31.8	4.89	37.9	5.76	44.0	6.69	47.1	7.18	50.2	7.68	56.3	8.70	62.4	9.77
	20	31.8	4.96	37.9	5.86	44.0	6.81	47.1	7.31	50.2	7.82	56.3	8.87	62.4	9.96
	21	31.8	5.00	37.9	5.91	44.0	6.88	47.1	7.38	50.2	7.89	56.3	8.96	62.4	10.1
	23	31.8	5.08	37.9	6.01	44.0	7.00	47.1	7.52	50.2	8.05	56.3	9.31	62.4	10.7
	25	31.8	5.17	37.9	6.12	44.0	7.28	47.1	7.90	50.2	8.55	56.3	9.94	62.4	11.4
	27	31.8	5.36	37.9	6.49	44.0	7.74	47.1	8.41	50.2	9.11	56.3	10.6	62.4	12.2
	29	31.8	5.68	37.9	6.89	44.0	8.23	47.1	8.95	50.2	9.70	56.3	11.3	62.4	13.0
	31	31.8	6.01	37.9	7.31	44.0	8.74	47.1	9.51	50.2	10.3	56.3	12.0	62.4	13.9
	33	31.8	6.36	37.9	7.75	44.0	9.28	47.1	10.1	50.2	11.0	56.3	12.8	62.4	14.8
	35	31.8	6.72	37.9	8.20	44.0	9.85	47.1	10.7	50.2	11.6	56.3	13.6	62.4	15.7
	37	31.8	7.10	37.9	8.69	44.0	10.4	47.1	11.4	50.2	12.4	56.3	14.5	62.4	16.7
	39	31.8	7.50	37.9	9.20	44.0	11.1	47.1	12.1	50.2	13.1	56.3	15.4	62.4	17.8
50% (350)	10	26.5	3.96	31.6	4.58	36.7	5.24	39.2	5.59	41.8	5.94	46.9	6.67	52.0	7.43
	12	26.5	4.01	31.6	4.65	36.7	5.32	39.2	5.68	41.8	6.04	46.9	6.79	52.0	7.56
	14	26.5	4.06	31.6	4.72	36.7	5.41	39.2	5.77	41.8	6.14	46.9	6.90	52.0	7.70
	16	26.5	4.12	31.6	4.79	36.7	5.49	39.2	5.86	41.8	6.24	46.9	7.02	52.0	7.84
	18	26.5	4.18	31.6	4.86	36.7	5.58	39.2	5.96	41.8	6.35	46.9	7.15	52.0	7.98
	20	26.5	4.24	31.6	4.93	36.7	5.68	39.2	6.06	41.8	6.46	46.9	7.28	52.0	8.13
	21	26.5	4.27	31.6	4.97	36.7	5.72	39.2	6.12	41.8	6.52	46.9	7.35	52.0	8.21
	23	26.5	4.33	31.6	5.05	36.7	5.82	39.2	6.22	41.8	6.64	46.9	7.49	52.0	8.40
	25	26.5	4.40	31.6	5.14	36.7	5.93	39.2	6.35	41.8	6.84	46.9	7.86	52.0	8.96
	27	26.5	4.47	31.6	5.32	36.7	6.26	39.2	6.75	41.8	7.27	46.9	8.37	52.0	9.55
	29	26.5	4.73	31.6	5.64	36.7	6.64	39.2	7.17	41.8	7.73	46.9	8.90	52.0	10.2
	31	26.5	4.99	31.6	5.97	36.7	7.04	39.2	7.61	41.8	8.20	46.9	9.46	52.0	10.8
	33	26.5	5.27	31.6	6.32	36.7	7.46	39.2	8.07	41.8	8.70	46.9	10.1	52.0	11.5
	35	26.5	5.56	31.6	6.68	36.7	7.90	39.2	8.55	41.8	9.23	46.9	10.7	52.0	12.2
	37	26.5	5.87	31.6	7.06	36.7	8.36	39.2	9.06	41.8	9.78	46.9	11.3	52.0	13.0
	39	26.5	6.19	31.6	7.45	36.7	8.85	39.2	9.59	41.8	10.4	46.9	12.0	52.0	13.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ30TSY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (975)	10	73.2	11.2	87.4	13.8	101	16.4	105	16.7	106	16.4	109	15.7	112	15.0
	12	73.2	11.4	87.4	14.0	101	16.7	104	16.6	105	16.3	108	15.6	110	15.3
	14	73.2	11.7	87.4	14.3	101	16.9	102	16.5	104	16.2	106	16.0	109	16.2
	16	73.2	11.9	87.4	14.6	99.8	16.8	101	16.7	102	16.8	105	16.9	108	17.1
	18	73.2	12.1	87.4	14.8	98.4	17.4	99.7	17.5	101	17.6	104	17.8	106	18.0
	20	73.2	12.4	87.4	15.8	97.1	18.3	98.4	18.4	99.7	18.5	102	18.7	105	18.8
	21	73.2	12.7	87.4	16.4	96.4	18.7	97.7	18.8	99.0	18.9	102	19.1	104	19.3
	23	73.2	13.6	87.4	17.6	95.0	19.6	96.3	19.7	97.7	19.8	100	20.0	103	20.2
	25	73.2	14.5	87.4	18.8	93.7	20.4	95.0	20.5	96.3	20.6	98.9	20.8	102	21.1
	27	73.2	15.5	87.4	20.1	92.3	21.3	93.6	21.4	94.9	21.5	97.6	21.7	100	22.0
	29	73.2	16.6	87.4	21.5	90.9	22.1	92.3	22.3	93.6	22.4	96.2	22.6	98.9	22.9
	31	73.2	17.7	86.9	22.8	89.6	23.0	90.9	23.1	92.2	23.3	94.9	23.5	97.5	23.8
	33	73.2	18.8	85.6	23.6	88.2	23.9	89.5	24.0	90.9	24.1	93.5	24.4	96.2	24.7
	35	73.2	20.1	84.2	24.5	86.9	24.8	88.2	24.9	89.5	25.0	92.2	25.3	94.8	25.6
	37	73.2	21.4	82.9	25.3	85.5	25.6	86.8	25.8	88.1	25.9	90.8	26.2	93.4	26.5
	39	73.2	22.8	81.5	26.2	84.1	26.5	85.5	26.7	86.8	26.8	89.4	27.1	92.1	27.5
120% (900)	10	67.6	10.3	80.6	12.5	93.7	14.9	100	16.1	105	16.8	107	16.2	110	15.5
	12	67.6	10.5	80.6	12.8	93.7	15.2	100	16.4	103	16.7	106	16.1	108	15.4
	14	67.6	10.6	80.6	13.0	93.7	15.5	100	16.7	102	16.6	105	16.0	107	16.1
	16	67.6	10.8	80.6	13.3	93.7	15.8	99.5	16.9	101	16.7	103	16.8	106	16.9
	18	67.6	11.1	80.6	13.5	93.7	16.3	98.2	17.4	99.4	17.5	102	17.7	104	17.8
	20	67.6	11.3	80.6	14.1	93.7	17.5	96.8	18.3	98.0	18.4	100	18.5	103	18.7
	21	67.6	11.4	80.6	14.6	93.7	18.2	96.1	18.7	97.4	18.8	99.8	19.0	102	19.1
	23	67.6	12.2	80.6	15.6	93.6	19.5	94.8	19.5	96.0	19.6	98.4	19.8	101	20.0
	25	67.6	13.0	80.6	16.7	92.2	20.3	93.4	20.4	94.6	20.5	97.1	20.7	99.5	20.9
	27	67.6	13.9	80.6	17.9	90.8	21.2	92.1	21.3	93.3	21.4	95.7	21.6	98.2	21.8
	29	67.6	14.8	80.6	19.1	89.5	22.0	90.7	22.1	91.9	22.2	94.4	22.5	96.8	22.7
	31	67.6	15.8	80.6	20.4	88.1	22.9	89.3	23.0	90.6	23.1	93.0	23.3	95.4	23.6
	33	67.6	16.8	80.6	21.7	86.8	23.7	88.0	23.9	89.2	24.0	91.6	24.2	94.1	24.5
	35	67.6	17.9	80.6	23.2	85.4	24.6	86.6	24.7	87.8	24.9	90.3	25.1	92.7	25.4
	37	67.6	19.0	80.6	24.7	84.0	25.5	85.3	25.6	86.5	25.7	88.9	26.0	91.4	26.3
	39	67.6	20.2	80.2	26.1	82.7	26.3	83.9	26.5	85.1	26.6	87.6	26.9	90.0	27.2
110% (825)	10	62.0	9.32	73.9	11.4	85.9	13.5	91.8	14.6	97.8	15.7	105	16.6	108	16.1
	12	62.0	9.49	73.9	11.6	85.9	13.7	91.8	14.8	97.8	16.0	104	16.6	106	16.0
	14	62.0	9.66	73.9	11.8	85.9	14.0	91.8	15.1	97.8	16.3	103	16.5	105	16.0
	16	62.0	9.84	73.9	12.0	85.9	14.3	91.8	15.4	97.8	16.6	101	16.7	104	16.8
	18	62.0	10.0	73.9	12.2	85.9	14.6	91.8	15.8	97.7	17.4	100	17.5	102	17.7
	20	62.0	10.2	73.9	12.5	85.9	15.4	91.8	17.0	96.4	18.2	98.6	18.4	101	18.5
	21	62.0	10.3	73.9	12.9	85.9	16.0	91.8	17.6	95.7	18.7	97.9	18.8	100	19.0
	23	62.0	10.8	73.9	13.8	85.9	17.1	91.8	18.9	94.3	19.5	96.6	19.7	98.8	19.9
	25	62.0	11.5	73.9	14.7	85.9	18.3	91.8	20.3	93.0	20.4	95.2	20.5	97.4	20.7
	27	62.0	12.3	73.9	15.7	85.9	19.6	90.5	21.1	91.6	21.2	93.9	21.4	96.1	21.6
	29	62.0	13.1	73.9	16.8	85.9	20.9	89.1	22.0	90.3	22.1	92.5	22.3	94.7	22.5
	31	62.0	14.0	73.9	17.9	85.9	22.4	87.8	22.8	88.9	22.9	91.1	23.2	93.4	23.4
	33	62.0	14.9	73.9	19.1	85.3	23.6	86.4	23.7	87.5	23.8	89.8	24.0	92.0	24.3
	35	62.0	15.8	73.9	20.3	83.9	24.4	85.1	24.6	86.2	24.7	88.4	24.9	90.7	25.2
	37	62.0	16.8	73.9	21.7	82.6	25.3	83.7	25.4	84.8	25.6	87.1	25.8	89.3	26.1
	39	62.0	17.9	73.9	23.1	81.2	26.2	82.3	26.3	83.5	26.4	85.7	26.7	87.9	27.0
100% (750)	10	56.3	8.41	67.2	10.2	78.1	12.1	83.5	13.0	88.9	14.0	99.8	16.0	106	16.6
	12	56.3	8.55	67.2	10.4	78.1	12.3	83.5	13.3	88.9	14.3	99.8	16.3	104	16.5
	14	56.3	8.71	67.2	10.6	78.1	12.5	83.5	13.5	88.9	14.6	99.8	16.7	103	16.4
	16	56.3	8.86	67.2	10.8	78.1	12.8	83.5	13.8	88.9	14.9	99.5	16.9	101	16.7
	18	56.3	9.03	67.2	11.0	78.1	13.0	83.5	14.1	88.9	15.2	98.1	17.4	100	17.6
	20	56.3	9.20	67.2	11.2	78.1	13.4	83.5	14.8	88.9	16.2	96.7	18.3	98.8	18.4
	21	56.3	9.29	67.2	11.3	78.1	13.9	83.5	15.3	88.9	16.8	96.1	18.7	98.1	18.8
	23	56.3	9.53	67.2	12.1	78.1	14.9	83.5	16.4	88.9	18.0	94.7	19.5	96.7	19.7
	25	56.3	10.2	67.2	12.9	78.1	15.9	83.5	17.6	88.9	19.3	93.3	20.4	95.4	20.6
	27	56.3	10.8	67.2	13.8	78.1	17.0	83.5	18.8	88.9	20.7	92.0	21.3	94.0	21.4
	29	56.3	11.5	67.2	14.7	78.1	18.2	83.5	20.1	88.6	21.9	90.6	22.1	92.7	22.3
	31	56.3	12.3	67.2	15.6	78.1	19.4	83.5	21.4	87.2	22.8	89.3	23.0	91.3	23.2
	33	56.3	13.1	67.2	16.7	78.1	20.7	83.5	22.9	85.9	23.6	87.9	23.9	89.9	24.1
	35	56.3	13.9	67.2	17.7	78.1	22.1	83.5	24.4	84.5	24.5	86.6	24.7	88.6	24.9
	37	56.3	14.8	67.2	18.9	78.1	23.5	82.1	25.3	83.2	25.4	85.2	25.6	87.2	25.8
	39	56.3	15.7	67.2	20.1	78.1	25.0	80.8	26.1	81.8	26.2	83.8	26.5	85.9	26.7
90% (675)	10	50.7	7.53	60.5	9.08	70.3	10.7	75.1	11.6	80.0	12.4	89.8	14.2	99.6	16.0
	12	50.7	7.65	60.5	9.24	70.3	10.9	75.1	11.8	80.0	12.7	89.8	14.5	99.6	16.3
	14	50.7	7.78	60.5	9.40	70.3	11.1	75.1	12.0	80.0	12.9	89.8	14.7	99.6	16.6
	16	50.7	7.92	60.5	9.58	70.3	11.3	75.1	12.2	80.0	13.2	89.8	15.0	99.4	16.9
	18	50.7	8.06	60.5	9.76	70.3	11.5	75.1	12.5	80.0	13.4	89.8	15.3	98.1	17.4
	20	50.7	8.21	60.5	9.95	70.3	11.8	75.1	12.7	80.0	13.9	89.8	16.5	96.7	18.3
	21	50.7	8.29	60.5	10.0	70.3	12.0	75.1	13.2	80.0	14.4	89.8	17.1	96.0	18.7
	23	50.7	8.45	60.5	10.5	70.3	12.8	75.1	14.1	80.0	15.4	89.8	18.3	94.7	19.5
	25	50.7	8.90	60.5	11.2	70.3	13.7	75.1	15.1	80.0	16.5	89.8	19.6	93.3	20.4
	27	50.7	9.47	60.5	11.9	70.3	14.6	75.1	16.1	80.0	17.7	89.8	21.0	91.9	21.3
	29	50.7	10.1	60.5	12.7	70.3	15.6	75.1	17.2	80.0	18.9	88.8	21.9	90.6	22.1
	31	50.7	10.7	60.5	13.5	70.3	16.7	75.1	18.3	80.0	20.1	87.4	22.8	89.2	23.0
	33	50.7	11.4	60.5	14.4	70.3	17.7	75.1	19.6	80.0	21.5	86.0	23.7	87.9	23.8
	35	50.7	12.1	60.5	15.3	70.3	18.9	75.1	20.8	80.0	22.9	84.7	24.5	86.5	24.7
	37	50.7	12.8	60.5	16.3	70.3	20.1	75.1	22.2	80.0	24.4	83.3	25.4	85.2	25.6
	39	50.7	13.6	60.5	17.3	70.3	21.4	75.1	23.6	80.0	26.0	82.0	26.3	83.8	26.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (600)	10	45.1	6.68	53.8	8.00	62.4	9.40	66.8	10.1	71.1	10.9	79.8	12.4	88.5	14.0
	12	45.1	6.79	53.8	8.14	62.4	9.57	66.8	10.3	71.1	11.1	79.8	12.6	88.5	14.2
	14	45.1	6.90	53.8	8.28	62.4	9.74	66.8	10.5	71.1	11.3	79.8	12.9	88.5	14.5
	16	45.1	7.02	53.8	8.43	62.4	9.92	66.8	10.7	71.1	11.5	79.8	13.1	88.5	14.8
	18	45.1	7.14	53.8	8.58	62.4	10.1	66.8	10.9	71.1	11.7	79.8	13.4	88.5	15.1
	20	45.1	7.26	53.8	8.74	62.4	10.3	66.8	11.1	71.1	11.9	79.8	13.9	88.5	16.1
	21	45.1	7.33	53.8	8.83	62.4	10.4	66.8	11.2	71.1	12.2	79.8	14.4	88.5	16.7
	23	45.1	7.46	53.8	9.00	62.4	10.9	66.8	12.0	71.1	13.1	79.8	15.4	88.5	17.9
	25	45.1	7.71	53.8	9.58	62.4	11.7	66.8	12.8	71.1	14.0	79.8	16.5	88.5	19.2
	27	45.1	8.20	53.8	10.2	62.4	12.4	66.8	13.6	71.1	14.9	79.8	17.6	88.5	20.5
	29	45.1	8.71	53.8	10.9	62.4	13.3	66.8	14.5	71.1	15.9	79.8	18.8	88.5	21.9
	31	45.1	9.25	53.8	11.6	62.4	14.1	66.8	15.5	71.1	17.0	79.8	20.1	87.2	22.8
	33	45.1	9.82	53.8	12.3	62.4	15.0	66.8	16.5	71.1	18.1	79.8	21.4	85.8	23.6
	35	45.1	10.4	53.8	13.0	62.4	16.0	66.8	17.6	71.1	19.2	79.8	22.8	84.4	24.5
	37	45.1	11.0	53.8	13.9	62.4	17.0	66.8	18.7	71.1	20.5	79.8	24.3	83.1	25.4
	39	45.1	11.7	53.8	14.7	62.4	18.1	66.8	19.9	71.1	21.8	79.8	25.9	81.7	26.2
70% (525)	10	39.4	5.87	47.0	6.97	54.6	8.14	58.4	8.74	62.2	9.37	69.9	10.6	77.5	12.0
	12	39.4	5.96	47.0	7.09	54.6	8.28	58.4	8.90	62.2	9.53	69.9	10.8	77.5	12.2
	14	39.4	6.06	47.0	7.20	54.6	8.42	58.4	9.06	62.2	9.71	69.9	11.0	77.5	12.4
	16	39.4	6.15	47.0	7.33	54.6	8.58	58.4	9.22	62.2	9.89	69.9	11.3	77.5	12.7
	18	39.4	6.25	47.0	7.46	54.6	8.73	58.4	9.40	62.2	10.1	69.9	11.5	77.5	12.9
	20	39.4	6.36	47.0	7.59	54.6	8.90	58.4	9.58	62.2	10.3	69.9	11.7	77.5	13.3
	21	39.4	6.41	47.0	7.66	54.6	8.98	58.4	9.67	62.2	10.4	69.9	11.9	77.5	13.7
	23	39.4	6.53	47.0	7.80	54.6	9.17	58.4	10.0	62.2	10.9	69.9	12.7	77.5	14.7
	25	39.4	6.64	47.0	8.11	54.6	9.78	58.4	10.7	62.2	11.6	69.9	13.6	77.5	15.8
	27	39.4	7.02	47.0	8.63	54.6	10.4	58.4	11.4	62.2	12.4	69.9	14.5	77.5	16.8
	29	39.4	7.45	47.0	9.18	54.6	11.1	58.4	12.1	62.2	13.2	69.9	15.5	77.5	18.0
	31	39.4	7.90	47.0	9.75	54.6	11.8	58.4	12.9	62.2	14.1	69.9	16.5	77.5	19.2
	33	39.4	8.37	47.0	10.3	54.6	12.5	58.4	13.7	62.2	15.0	69.9	17.6	77.5	20.5
	35	39.4	8.87	47.0	11.0	54.6	13.3	58.4	14.6	62.2	15.9	69.9	18.7	77.5	21.8
	37	39.4	9.39	47.0	11.6	54.6	14.2	58.4	15.5	62.2	16.9	69.9	20.0	77.5	23.2
	39	39.4	9.93	47.0	12.3	54.6	15.0	58.4	16.5	62.2	18.0	69.9	21.2	77.5	24.7
60% (450)	10	33.8	5.11	40.3	6.00	46.8	6.94	50.1	7.43	53.4	7.94	59.9	8.98	66.4	10.1
	12	33.8	5.18	40.3	6.09	46.8	7.05	50.1	7.56	53.4	8.07	59.9	9.14	66.4	10.2
	14	33.8	5.26	40.3	6.19	46.8	7.17	50.1	7.69	53.4	8.21	59.9	9.30	66.4	10.4
	16	33.8	5.34	40.3	6.29	46.8	7.29	50.1	7.82	53.4	8.36	59.9	9.47	66.4	10.6
	18	33.8	5.42	40.3	6.39	46.8	7.42	50.1	7.96	53.4	8.51	59.9	9.65	66.4	10.8
	20	33.8	5.50	40.3	6.50	46.8	7.56	50.1	8.11	53.4	8.67	59.9	9.84	66.4	11.0
	21	33.8	5.55	40.3	6.55	46.8	7.62	50.1	8.18	53.4	8.75	59.9	9.93	66.4	11.2
	23	33.8	5.64	40.3	6.67	46.8	7.77	50.1	8.34	53.4	8.92	59.9	10.3	66.4	11.9
	25	33.8	5.73	40.3	6.79	46.8	8.07	50.1	8.76	53.4	9.48	59.9	11.0	66.4	12.7
	27	33.8	5.94	40.3	7.20	46.8	8.59	50.1	9.33	53.4	10.1	59.9	11.8	66.4	13.5
	29	33.8	6.29	40.3	7.64	46.8	9.13	50.1	9.92	53.4	10.8	59.9	12.5	66.4	14.4
	31	33.8	6.66	40.3	8.10	46.8	9.70	50.1	10.5	53.4	11.4	59.9	13.3	66.4	15.4
	33	33.8	7.05	40.3	8.59	46.8	10.3	50.1	11.2	53.4	12.2	59.9	14.2	66.4	16.4
	35	33.8	7.45	40.3	9.10	46.8	10.9	50.1	11.9	53.4	12.9	59.9	15.1	66.4	17.4
	37	33.8	7.88	40.3	9.63	46.8	11.6	50.1	12.6	53.4	13.7	59.9	16.0	66.4	18.5
	39	33.8	8.32	40.3	10.2	46.8	12.3	50.1	13.4	53.4	14.6	59.9	17.0	66.4	19.7
50% (375)	10	28.2	4.39	33.6	5.08	39.0	5.82	41.7	6.20	44.5	6.59	49.9	7.40	55.3	8.25
	12	28.2	4.45	33.6	5.15	39.0	5.90	41.7	6.30	44.5	6.70	49.9	7.53	55.3	8.39
	14	28.2	4.51	33.6	5.23	39.0	6.00	41.7	6.40	44.5	6.81	49.9	7.65	55.3	8.54
	16	28.2	4.57	33.6	5.31	39.0	6.09	41.7	6.50	44.5	6.92	49.9	7.79	55.3	8.69
	18	28.2	4.63	33.6	5.39	39.0	6.19	41.7	6.61	44.5	7.04	49.9	7.93	55.3	8.85
	20	28.2	4.70	33.6	5.47	39.0	6.30	41.7	6.72	44.5	7.16	49.9	8.07	55.3	9.02
	21	28.2	4.73	33.6	5.52	39.0	6.35	41.7	6.78	44.5	7.23	49.9	8.15	55.3	9.11
	23	28.2	4.80	33.6	5.61	39.0	6.46	41.7	6.90	44.5	7.36	49.9	8.30	55.3	9.31
	25	28.2	4.88	33.6	5.70	39.0	6.57	41.7	7.05	44.5	7.58	49.9	8.72	55.3	9.94
	27	28.2	4.95	33.6	5.90	39.0	6.94	41.7	7.49	44.5	8.07	49.9	9.28	55.3	10.6
	29	28.2	5.24	33.6	6.25	39.0	7.36	41.7	7.95	44.5	8.57	49.9	9.88	55.3	11.3
	31	28.2	5.54	33.6	6.62	39.0	7.81	41.7	8.44	44.5	9.10	49.9	10.5	55.3	12.0
	33	28.2	5.85	33.6	7.00	39.0	8.27	41.7	8.95	44.5	9.65	49.9	11.1	55.3	12.8
	35	28.2	6.17	33.6	7.41	39.0	8.76	41.7	9.48	44.5	10.2	49.9	11.8	55.3	13.6
	37	28.2	6.51	33.6	7.83	39.0	9.27	41.7	10.0	44.5	10.8	49.9	12.6	55.3	14.4
	39	28.2	6.86	33.6	8.27	39.0	9.81	41.7	10.6	44.5	11.5	49.9	13.3	55.3	15.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ32TSY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1040)	10	78.5	12.4	93.6	15.2	109	18.1	113	18.5	114	18.1	117	17.3	120	16.6
	12	78.5	12.7	93.6	15.5	109	18.4	111	18.4	113	18.0	116	17.2	118	17.0
	14	78.5	12.9	93.6	15.8	108	18.7	110	18.3	111	17.9	114	17.8	117	17.9
	16	78.5	13.1	93.6	16.1	107	18.6	108	18.4	110	18.5	113	18.7	115	18.9
	18	78.5	13.4	93.6	16.4	105	19.3	107	19.4	108	19.5	111	19.7	114	19.9
	20	78.5	13.7	93.6	17.5	104	20.2	105	20.3	107	20.4	110	20.6	113	20.8
	21	78.5	14.1	93.6	18.1	103	20.7	105	20.8	106	20.9	109	21.1	112	21.3
	23	78.5	15.0	93.6	19.4	102	21.7	103	21.8	105	21.9	108	22.1	110	22.3
	25	78.5	16.1	93.6	20.8	100	22.6	102	22.7	103	22.8	106	23.1	109	23.3
	27	78.5	17.2	93.6	22.3	98.9	23.5	100	23.7	102	23.8	105	24.0	107	24.3
	29	78.5	18.3	93.6	23.8	97.5	24.5	98.9	24.6	100	24.8	103	25.0	106	25.3
	31	78.5	19.6	93.2	25.2	96.0	25.5	97.4	25.6	98.9	25.7	102	26.0	105	26.3
	33	78.5	20.9	91.7	26.1	94.6	26.4	96.0	26.6	97.4	26.7	100	27.0	103	27.3
	35	78.5	22.2	90.3	27.1	93.1	27.4	94.5	27.5	95.9	27.7	98.8	28.0	102	28.3
	37	78.5	23.7	88.8	28.0	91.6	28.4	93.1	28.5	94.5	28.7	97.3	29.0	100	29.3
	39	78.5	25.2	87.4	29.0	90.2	29.3	91.6	29.5	93.0	29.7	95.9	30.0	98.7	30.4
120% (960)	10	72.5	11.4	86.4	13.9	100	16.5	107	17.8	112	18.6	115	17.9	118	17.2
	12	72.5	11.6	86.4	14.1	100	16.8	107	18.2	111	18.5	114	17.8	116	17.1
	14	72.5	11.8	86.4	14.4	100	17.1	107	18.5	109	18.4	112	17.7	115	17.8
	16	72.5	12.0	86.4	14.7	100	17.5	107	18.7	108	18.4	111	18.6	113	18.8
	18	72.5	12.2	86.4	15.0	100	18.1	105	19.3	107	19.4	109	19.5	112	19.7
	20	72.5	12.5	86.4	15.6	100	19.4	104	20.2	105	20.3	108	20.5	110	20.7
	21	72.5	12.6	86.4	16.1	100	20.1	103	20.7	104	20.8	107	21.0	110	21.2
	23	72.5	13.5	86.4	17.3	100	21.5	102	21.6	103	21.7	106	21.9	108	22.1
	25	72.5	14.4	86.4	18.5	98.8	22.5	100	22.6	101	22.7	104	22.9	107	23.1
	27	72.5	15.4	86.4	19.8	97.4	23.4	98.7	23.5	100	23.6	103	23.9	105	24.1
	29	72.5	16.4	86.4	21.1	95.9	24.4	97.2	24.5	98.5	24.6	101	24.8	104	25.1
	31	72.5	17.5	86.4	22.5	94.5	25.3	95.8	25.4	97.1	25.6	99.7	25.8	102	26.1
	33	72.5	18.6	86.4	24.0	93.0	26.3	94.3	26.4	95.6	26.5	98.2	26.8	101	27.1
	35	72.5	19.8	86.4	25.6	91.5	27.2	92.8	27.4	94.2	27.5	96.8	27.8	99.4	28.1
	37	72.5	21.1	86.4	27.3	90.1	28.2	91.4	28.3	92.7	28.5	95.3	28.8	97.9	29.1
	39	72.5	22.4	86.0	28.8	88.6	29.2	89.9	29.3	91.2	29.5	93.9	29.8	96.5	30.1
110% (880)	10	66.4	10.3	79.2	12.6	92.0	14.9	98.4	16.1	105	17.3	113	18.4	115	17.8
	12	66.4	10.5	79.2	12.8	92.0	15.2	98.4	16.4	105	17.7	112	18.3	114	17.7
	14	66.4	10.7	79.2	13.0	92.0	15.5	98.4	16.7	105	18.0	110	18.2	112	17.7
	16	66.4	10.9	79.2	13.3	92.0	15.8	98.4	17.1	105	18.4	109	18.5	111	18.6
	18	66.4	11.1	79.2	13.5	92.0	16.1	98.4	17.5	105	19.2	107	19.4	110	19.6
	20	66.4	11.3	79.2	13.8	92.0	17.1	98.4	18.8	103	20.2	106	20.4	108	20.5
	21	66.4	11.4	79.2	14.2	92.0	17.7	98.4	19.5	103	20.7	105	20.8	107	21.0
	23	66.4	12.0	79.2	15.2	92.0	18.9	98.4	20.9	101	21.6	104	21.8	106	22.0
	25	66.4	12.8	79.2	16.3	92.0	20.3	98.4	22.4	99.7	22.5	102	22.7	104	22.9
	27	66.4	13.6	79.2	17.4	92.0	21.7	97.0	23.4	98.2	23.5	101	23.7	103	23.9
	29	66.4	14.5	79.2	18.6	92.0	23.2	95.5	24.3	96.7	24.4	99.1	24.7	102	24.9
	31	66.4	15.5	79.2	19.8	92.0	24.7	94.1	25.3	95.3	25.4	97.7	25.6	100	25.9
	33	66.4	16.5	79.2	21.1	91.4	26.1	92.6	26.2	93.8	26.4	96.2	26.6	98.6	26.8
	35	66.4	17.5	79.2	22.5	90.0	27.1	91.2	27.2	92.4	27.3	94.8	27.6	97.2	27.8
	37	66.4	18.6	79.2	24.0	88.5	28.0	89.7	28.1	90.9	28.3	93.3	28.6	95.7	28.8
	39	66.4	19.8	79.2	25.5	87.1	29.0	88.3	29.1	89.5	29.3	91.9	29.5	94.3	29.8
100% (800)	10	60.4	9.30	72.0	11.3	83.7	13.4	89.5	14.4	95.3	15.5	107	17.8	113	18.4
	12	60.4	9.46	72.0	11.5	83.7	13.6	89.5	14.7	95.3	15.8	107	18.1	112	18.3
	14	60.4	9.63	72.0	11.7	83.7	13.9	89.5	15.0	95.3	16.1	107	18.4	110	18.2
	16	60.4	9.81	72.0	11.9	83.7	14.1	89.5	15.3	95.3	16.4	107	18.7	109	18.5
	18	60.4	9.99	72.0	12.2	83.7	14.4	89.5	15.6	95.3	16.8	105	19.3	107	19.4
	20	60.4	10.2	72.0	12.4	83.7	14.9	89.5	16.4	95.3	18.0	104	20.2	106	20.4
	21	60.4	10.3	72.0	12.5	83.7	15.4	89.5	17.0	95.3	18.6	103	20.7	105	20.8
	23	60.4	10.6	72.0	13.3	83.7	16.5	89.5	18.2	95.3	20.0	102	21.6	104	21.8
	25	60.4	11.3	72.0	14.3	83.7	17.6	89.5	19.5	95.3	21.4	100	22.6	102	22.8
	27	60.4	12.0	72.0	15.2	83.7	18.8	89.5	20.8	95.3	22.9	98.6	23.5	101	23.7
	29	60.4	12.8	72.0	16.2	83.7	20.1	89.5	22.2	95.0	24.3	97.1	24.5	99.3	24.7
	31	60.4	13.6	72.0	17.3	83.7	21.5	89.5	23.7	93.5	25.2	95.7	25.4	97.9	25.6
	33	60.4	14.5	72.0	18.4	83.7	22.9	89.5	25.3	92.0	26.2	94.2	26.4	96.4	26.6
	35	60.4	15.4	72.0	19.6	83.7	24.4	89.5	27.0	90.6	27.1	92.8	27.4	94.9	27.6
	37	60.4	16.3	72.0	20.9	83.7	26.0	88.0	28.0	89.1	28.1	91.3	28.3	93.5	28.6
	39	60.4	17.3	72.0	22.2	83.7	27.7	86.6	28.9	87.7	29.0	89.9	29.3	92.0	29.6
90% (720)	10	54.4	8.33	64.8	10.0	75.3	11.9	80.5	12.8	85.8	13.8	96.3	15.7	107	17.7
	12	54.4	8.47	64.8	10.2	75.3	12.1	80.5	13.0	85.8	14.0	96.3	16.0	107	18.0
	14	54.4	8.61	64.8	10.4	75.3	12.3	80.5	13.3	85.8	14.3	96.3	16.3	107	18.4
	16	54.4	8.77	64.8	10.6	75.3	12.5	80.5	13.5	85.8	14.6	96.3	16.6	107	18.7
	18	54.4	8.92	64.8	10.8	75.3	12.8	80.5	13.8	85.8	14.8	96.3	17.0	105	19.3
	20	54.4	9.09	64.8	11.0	75.3	13.0	80.5	14.1	85.8	15.4	96.3	18.2	104	20.2
	21	54.4	9.17	64.8	11.1	75.3	13.3	80.5	14.6	85.8	15.9	96.3	18.9	103	20.7
	23	54.4	9.35	64.8	11.6	75.3	14.2	80.5	15.6	85.8	17.1	96.3	20.3	101	21.6
	25	54.4	9.84	64.8	12.4	75.3	15.2	80.5	16.7	85.8	18.3	96.3	21.7	100	22.6
	27	54.4	10.5	64.8	13.2	75.3	16.2	80.5	17.8	85.8	19.5	96.3	23.2	98.5	23.5
	29	54.4	11.2	64.8	14.0	75.3	17.3	80.5	19.0	85.8	20.9	95.1	24.3	97.1	24.5
	31	54.4	11.9	64.8	15.0	75.3	18.4	80.5	20.3	85.8	22.3	93.7	25.2	95.6	25.4
	33	54.4	12.6	64.8	15.9	75.3	19.6	80.5	21.6	85.8	23.8	92.2	26.2	94.2	26.4
	35	54.4	13.4	64.8	16.9	75.3	20.9	80.5	23.1	85.8	25.3	90.8	27.1	92.7	27.4
	37	54.4	14.2	64.8	18.0	75.3	22.3	80.5	24.6	85.8	27.0	89.3	28.1	91.3	28.3
	39	54.4	15.1	64.8	19.1	75.3	23.7	80.5	26.2	85.8	28.8	87.9	29.1	89.8	29.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (640)	10	48.3	7.39	57.6	8.85	66.9	10.4	71.6	11.2	76.3	12.0	85.6	13.7	94.9	15.4
	12	48.3	7.51	57.6	9.00	66.9	10.6	71.6	11.4	76.3	12.2	85.6	14.0	94.9	15.7
	14	48.3	7.63	57.6	9.16	66.9	10.8	71.6	11.6	76.3	12.5	85.6	14.2	94.9	16.0
	16	48.3	7.76	57.6	9.33	66.9	11.0	71.6	11.8	76.3	12.7	85.6	14.5	94.9	16.4
	18	48.3	7.90	57.6	9.50	66.9	11.2	71.6	12.1	76.3	13.0	85.6	14.8	94.9	16.7
	20	48.3	8.04	57.6	9.67	66.9	11.4	71.6	12.3	76.3	13.2	85.6	15.3	94.9	17.8
	21	48.3	8.11	57.6	9.77	66.9	11.5	71.6	12.4	76.3	13.5	85.6	15.9	94.9	18.5
	23	48.3	8.26	57.6	9.96	66.9	12.1	71.6	13.2	76.3	14.4	85.6	17.0	94.9	19.8
	25	48.3	8.53	57.6	10.6	66.9	12.9	71.6	14.1	76.3	15.4	85.6	18.2	94.9	21.2
	27	48.3	9.07	57.6	11.3	66.9	13.8	71.6	15.1	76.3	16.5	85.6	19.5	94.9	22.7
	29	48.3	9.64	57.6	12.0	66.9	14.7	71.6	16.1	76.3	17.6	85.6	20.8	94.9	24.3
	31	48.3	10.2	57.6	12.8	66.9	15.6	71.6	17.2	76.3	18.8	85.6	22.2	93.4	25.2
	33	48.3	10.9	57.6	13.6	66.9	16.6	71.6	18.3	76.3	20.0	85.6	23.7	92.0	26.2
	35	48.3	11.5	57.6	14.4	66.9	17.7	71.6	19.4	76.3	21.3	85.6	25.2	90.5	27.1
	37	48.3	12.2	57.6	15.3	66.9	18.8	71.6	20.7	76.3	22.7	85.6	26.9	89.1	28.1
	39	48.3	12.9	57.6	16.3	66.9	20.0	71.6	22.0	76.3	24.1	85.6	28.7	87.6	29.0
70% (560)	10	42.3	6.50	50.4	7.71	58.6	9.00	62.6	9.67	66.7	10.4	74.9	11.8	83.0	13.2
	12	42.3	6.60	50.4	7.84	58.6	9.16	62.6	9.85	66.7	10.5	74.9	12.0	83.0	13.5
	14	42.3	6.70	50.4	7.97	58.6	9.32	62.6	10.0	66.7	10.7	74.9	12.2	83.0	13.7
	16	42.3	6.81	50.4	8.11	58.6	9.49	62.6	10.2	66.7	10.9	74.9	12.5	83.0	14.0
	18	42.3	6.92	50.4	8.25	58.6	9.66	62.6	10.4	66.7	11.2	74.9	12.7	83.0	14.3
	20	42.3	7.04	50.4	8.40	58.6	9.85	62.6	10.6	66.7	11.4	74.9	13.0	83.0	14.7
	21	42.3	7.10	50.4	8.48	58.6	9.94	62.6	10.7	66.7	11.5	74.9	13.2	83.0	15.2
	23	42.3	7.22	50.4	8.63	58.6	10.1	62.6	11.1	66.7	12.0	74.9	14.1	83.0	16.3
	25	42.3	7.35	50.4	8.98	58.6	10.8	62.6	11.8	66.7	12.8	74.9	15.1	83.0	17.4
	27	42.3	7.77	50.4	9.55	58.6	11.5	62.6	12.6	66.7	13.7	74.9	16.1	83.0	18.6
	29	42.3	8.24	50.4	10.2	58.6	12.3	62.6	13.4	66.7	14.6	74.9	17.1	83.0	19.9
	31	42.3	8.74	50.4	10.8	58.6	13.1	62.6	14.3	66.7	15.6	74.9	18.3	83.0	21.2
	33	42.3	9.26	50.4	11.5	58.6	13.9	62.6	15.2	66.7	16.6	74.9	19.5	83.0	22.6
	35	42.3	9.81	50.4	12.1	58.6	14.7	62.6	16.1	66.7	17.6	74.9	20.7	83.0	24.1
	37	42.3	10.4	50.4	12.9	58.6	15.7	62.6	17.2	66.7	18.7	74.9	22.1	83.0	25.7
	39	42.3	11.0	50.4	13.7	58.6	16.6	62.6	18.2	66.7	19.9	74.9	23.5	83.0	27.4
60% (480)	10	36.2	5.65	43.2	6.64	50.2	7.68	53.7	8.22	57.2	8.78	64.2	9.93	71.2	11.1
	12	36.2	5.73	43.2	6.74	50.2	7.80	53.7	8.36	57.2	8.93	64.2	10.1	71.2	11.3
	14	36.2	5.82	43.2	6.84	50.2	7.94	53.7	8.50	57.2	9.09	64.2	10.3	71.2	11.5
	16	36.2	5.90	43.2	6.95	50.2	8.07	53.7	8.65	57.2	9.25	64.2	10.5	71.2	11.8
	18	36.2	5.99	43.2	7.07	50.2	8.21	53.7	8.81	57.2	9.42	64.2	10.7	71.2	12.0
	20	36.2	6.09	43.2	7.19	50.2	8.36	53.7	8.97	57.2	9.60	64.2	10.9	71.2	12.2
	21	36.2	6.14	43.2	7.25	50.2	8.44	53.7	9.05	57.2	9.69	64.2	11.0	71.2	12.3
	23	36.2	6.24	43.2	7.38	50.2	8.59	53.7	9.23	57.2	9.87	64.2	11.4	71.2	13.1
	25	36.2	6.34	43.2	7.51	50.2	8.93	53.7	9.69	57.2	10.5	64.2	12.2	71.2	14.0
	27	36.2	6.57	43.2	7.97	50.2	9.50	53.7	10.3	57.2	11.2	64.2	13.0	71.2	15.0
	29	36.2	6.96	43.2	8.46	50.2	10.1	53.7	11.0	57.2	11.9	64.2	13.9	71.2	16.0
	31	36.2	7.37	43.2	8.97	50.2	10.7	53.7	11.7	57.2	12.7	64.2	14.8	71.2	17.0
	33	36.2	7.80	43.2	9.51	50.2	11.4	53.7	12.4	57.2	13.5	64.2	15.7	71.2	18.1
	35	36.2	8.25	43.2	10.1	50.2	12.1	53.7	13.2	57.2	14.3	64.2	16.7	71.2	19.3
	37	36.2	8.72	43.2	10.7	50.2	12.8	53.7	14.0	57.2	15.2	64.2	17.7	71.2	20.5
	39	36.2	9.21	43.2	11.3	50.2	13.6	53.7	14.8	57.2	16.1	64.2	18.9	71.2	21.8
50% (400)	10	30.2	4.86	36.0	5.62	41.8	6.44	44.7	6.86	47.7	7.29	53.5	8.19	59.3	9.12
	12	30.2	4.92	36.0	5.70	41.8	6.53	44.7	6.97	47.7	7.41	53.5	8.33	59.3	9.28
	14	30.2	4.99	36.0	5.79	41.8	6.64	44.7	7.08	47.7	7.53	53.5	8.47	59.3	9.45
	16	30.2	5.05	36.0	5.87	41.8	6.74	44.7	7.19	47.7	7.66	53.5	8.62	59.3	9.62
	18	30.2	5.13	36.0	5.96	41.8	6.85	44.7	7.31	47.7	7.79	53.5	8.77	59.3	9.79
	20	30.2	5.20	36.0	6.06	41.8	6.97	44.7	7.44	47.7	7.93	53.5	8.93	59.3	9.98
	21	30.2	5.24	36.0	6.10	41.8	7.03	44.7	7.51	47.7	8.00	53.5	9.02	59.3	10.1
	23	30.2	5.31	36.0	6.20	41.8	7.15	44.7	7.64	47.7	8.14	53.5	9.19	59.3	10.3
	25	30.2	5.40	36.0	6.31	41.8	7.27	44.7	7.80	47.7	8.39	53.5	9.65	59.3	11.0
	27	30.2	5.48	36.0	6.53	41.8	7.68	44.7	8.29	47.7	8.93	53.5	10.3	59.3	11.7
	29	30.2	5.80	36.0	6.92	41.8	8.15	44.7	8.80	47.7	9.48	53.5	10.9	59.3	12.5
	31	30.2	6.13	36.0	7.33	41.8	8.64	44.7	9.34	47.7	10.1	53.5	11.6	59.3	13.3
	33	30.2	6.47	36.0	7.75	41.8	9.15	44.7	9.90	47.7	10.7	53.5	12.3	59.3	14.1
	35	30.2	6.83	36.0	8.19	41.8	9.69	44.7	10.5	47.7	11.3	53.5	13.1	59.3	15.0
	37	30.2	7.20	36.0	8.66	41.8	10.3	44.7	11.1	47.7	12.0	53.5	13.9	59.3	15.9
	39	30.2	7.59	36.0	9.15	41.8	10.9	44.7	11.8	47.7	12.7	53.5	14.7	59.3	16.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ34TSY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1105)	10	83.3	13.1	99.4	16.0	115	19.0	120	19.4	121	19.0	124	18.2	127	17.4
	12	83.3	13.3	99.4	16.3	115	19.4	118	19.3	120	18.9	123	18.1	126	17.8
	14	83.3	13.6	99.4	16.6	115	19.6	117	19.2	118	18.8	121	18.7	124	18.8
	16	83.3	13.8	99.4	16.9	114	19.5	115	19.4	117	19.5	120	19.7	123	19.9
	18	83.3	14.1	99.4	17.3	112	20.3	113	20.4	115	20.5	118	20.7	121	20.9
	20	83.3	14.4	99.4	18.4	110	21.3	112	21.4	113	21.5	116	21.7	119	21.9
	21	83.3	14.8	99.4	19.1	110	21.8	111	21.9	113	22.0	116	22.2	119	22.4
	23	83.3	15.8	99.4	20.4	108	22.8	110	22.9	111	23.0	114	23.2	117	23.5
	25	83.3	16.9	99.4	21.9	107	23.8	108	23.9	110	24.0	113	24.3	116	24.5
	27	83.3	18.1	99.4	23.4	105	24.8	107	24.9	108	25.0	111	25.3	114	25.5
	29	83.3	19.3	99.4	25.0	103	25.8	105	25.9	106	26.0	109	26.3	112	26.6
	31	83.3	20.6	98.9	26.5	102	26.8	103	26.9	105	27.1	108	27.4	111	27.6
	33	83.3	21.9	97.4	27.5	100	27.8	102	27.9	103	28.1	106	28.4	109	28.7
	35	83.3	23.4	95.8	28.5	98.8	28.8	100	29.0	102	29.1	105	29.5	108	29.8
	37	83.3	24.9	94.3	29.5	97.3	29.8	98.8	30.0	100	30.2	103	30.5	106	30.9
	39	83.3	26.5	92.7	30.5	95.7	30.9	97.2	31.0	98.7	31.2	102	31.6	105	31.9
120% (1020)	10	76.9	11.9	91.7	14.6	107	17.3	114	18.7	119	19.5	122	18.8	125	18.1
	12	76.9	12.2	91.7	14.9	107	17.7	114	19.1	118	19.4	120	18.7	123	17.9
	14	76.9	12.4	91.7	15.1	107	18.0	114	19.5	116	19.3	119	18.6	122	18.7
	16	76.9	12.6	91.7	15.4	107	18.4	113	19.6	115	19.4	117	19.5	120	19.7
	18	76.9	12.9	91.7	15.7	107	19.0	112	20.3	113	20.4	116	20.5	119	20.7
	20	76.9	13.1	91.7	16.4	107	20.4	110	21.3	112	21.4	114	21.6	117	21.7
	21	76.9	13.2	91.7	16.9	107	21.2	109	21.8	111	21.9	114	22.1	116	22.3
	23	76.9	14.1	91.7	18.2	106	22.6	108	22.7	109	22.8	112	23.1	115	23.3
	25	76.9	15.1	91.7	19.4	105	23.6	106	23.7	108	23.9	110	24.1	113	24.3
	27	76.9	16.1	91.7	20.8	103	24.6	105	24.7	106	24.9	109	25.1	112	25.3
	29	76.9	17.2	91.7	22.2	102	25.6	103	25.7	105	25.9	107	26.1	110	26.4
	31	76.9	18.3	91.7	23.7	100	26.6	102	26.7	103	26.9	106	27.2	109	27.4
	33	76.9	19.5	91.7	25.3	98.7	27.6	100	27.8	101	27.9	104	28.2	107	28.5
	35	76.9	20.8	91.7	26.9	97.2	28.6	98.6	28.8	99.9	28.9	103	29.2	105	29.5
	37	76.9	22.1	91.7	28.7	95.6	29.6	97.0	29.8	98.4	30.0	101	30.3	104	30.6
	39	76.9	23.6	91.3	30.3	94.1	30.7	95.5	30.8	96.9	31.0	99.6	31.3	102	31.7
110% (935)	10	70.5	10.8	84.1	13.2	97.7	15.7	104	17.0	111	18.2	120	19.4	122	18.7
	12	70.5	11.0	84.1	13.4	97.7	16.0	104	17.3	111	18.6	118	19.3	121	18.6
	14	70.5	11.2	84.1	13.7	97.7	16.3	104	17.6	111	18.9	117	19.2	119	18.6
	16	70.5	11.4	84.1	14.0	97.7	16.6	104	17.9	111	19.3	115	19.4	118	19.6
	18	70.5	11.7	84.1	14.2	97.7	16.9	104	18.4	111	20.2	114	20.4	116	20.6
	20	70.5	11.9	84.1	14.5	97.7	17.9	104	19.8	110	21.2	112	21.4	115	21.6
	21	70.5	12.0	84.1	15.0	97.7	18.6	104	20.5	109	21.7	111	21.9	114	22.1
	23	70.5	12.6	84.1	16.0	97.7	19.9	104	22.0	107	22.7	110	22.9	112	23.1
	25	70.5	13.4	84.1	17.1	97.7	21.3	104	23.6	106	23.7	108	23.9	111	24.1
	27	70.5	14.3	84.1	18.3	97.7	22.8	103	24.6	104	24.7	107	24.9	109	25.1
	29	70.5	15.3	84.1	19.5	97.7	24.4	101	25.6	103	25.7	105	25.9	108	26.2
	31	70.5	16.3	84.1	20.8	97.7	26.0	99.9	26.6	101	26.7	104	26.9	106	27.2
	33	70.5	17.3	84.1	22.2	97.0	27.4	98.3	27.6	99.6	27.7	102	28.0	105	28.2
	35	70.5	18.4	84.1	23.7	95.5	28.4	96.8	28.6	98.0	28.7	101	29.0	103	29.3
	37	70.5	19.6	84.1	25.2	94.0	29.4	95.2	29.6	96.5	29.7	99.1	30.0	102	30.3
	39	70.5	20.8	84.1	26.8	92.4	30.5	93.7	30.6	95.0	30.8	97.5	31.1	100	31.4
100% (850)	10	64.1	9.78	76.5	11.9	88.8	14.1	95.0	15.2	101	16.3	114	18.7	120	19.3
	12	64.1	9.95	76.5	12.1	88.8	14.3	95.0	15.5	101	16.6	114	19.0	119	19.2
	14	64.1	10.1	76.5	12.3	88.8	14.6	95.0	15.8	101	17.0	114	19.4	117	19.1
	16	64.1	10.3	76.5	12.5	88.8	14.9	95.0	16.1	101	17.3	113	19.6	115	19.4
	18	64.1	10.5	76.5	12.8	88.8	15.2	95.0	16.4	101	17.6	112	20.3	114	20.4
	20	64.1	10.7	76.5	13.0	88.8	15.6	95.0	17.2	101	18.9	110	21.3	112	21.4
	21	64.1	10.8	76.5	13.2	88.8	16.2	95.0	17.8	101	19.6	109	21.7	112	21.9
	23	64.1	11.1	76.5	14.0	88.8	17.3	95.0	19.1	101	21.0	108	22.7	110	22.9
	25	64.1	11.8	76.5	15.0	88.8	18.5	95.0	20.5	101	22.5	106	23.7	109	23.9
	27	64.1	12.6	76.5	16.0	88.8	19.8	95.0	21.9	101	24.0	105	24.7	107	24.9
	29	64.1	13.4	76.5	17.1	88.8	21.2	95.0	23.4	101	25.5	103	25.7	105	25.9
	31	64.1	14.3	76.5	18.2	88.8	22.6	95.0	24.9	99.2	26.5	102	26.7	104	27.0
	33	64.1	15.2	76.5	19.4	88.8	24.1	95.0	26.6	97.7	27.5	100	27.7	102	28.0
	35	64.1	16.2	76.5	20.6	88.8	25.7	95.0	28.4	96.2	28.5	98.5	28.8	101	29.0
	37	64.1	17.2	76.5	21.9	88.8	27.3	93.5	29.4	94.6	29.5	96.9	29.8	99.2	30.0
	39	64.1	18.2	76.5	23.3	88.8	29.1	91.9	30.4	93.1	30.5	95.4	30.8	97.7	31.1
90% (765)	10	57.7	8.75	68.8	10.6	79.9	12.5	85.5	13.5	91.1	14.5	102	16.5	113	18.6
	12	57.7	8.90	68.8	10.7	79.9	12.7	85.5	13.7	91.1	14.7	102	16.8	113	19.0
	14	57.7	9.06	68.8	10.9	79.9	12.9	85.5	14.0	91.1	15.0	102	17.2	113	19.3
	16	57.7	9.22	68.8	11.1	79.9	13.2	85.5	14.2	91.1	15.3	102	17.5	113	19.6
	18	57.7	9.38	68.8	11.4	79.9	13.4	85.5	14.5	91.1	15.6	102	17.8	112	20.3
	20	57.7	9.55	68.8	11.6	79.9	13.7	85.5	14.8	91.1	16.2	102	19.2	110	21.2
	21	57.7	9.64	68.8	11.7	79.9	13.9	85.5	15.3	91.1	16.8	102	19.9	109	21.7
	23	57.7	9.83	68.8	12.2	79.9	14.9	85.5	16.4	91.1	18.0	102	21.3	108	22.7
	25	57.7	10.3	68.8	13.0	79.9	15.9	85.5	17.5	91.1	19.2	102	22.8	106	23.7
	27	57.7	11.0	68.8	13.9	79.9	17.0	85.5	18.7	91.1	20.5	102	24.4	105	24.7
	29	57.7	11.7	68.8	14.8	79.9	18.2	85.5	20.0	91.1	21.9	101	25.5	103	25.7
	31	57.7	12.5	68.8	15.7	79.9	19.4	85.5	21.3	91.1	23.4	99.4	26.5	102	26.7
	33	57.7	13.2	68.8	16.7	79.9	20.6	85.5	22.8	91.1	25.0	97.9	27.5	100	27.7
	35	57.7	14.1	68.8	17.8	79.9	22.0	85.5	24.2	91.1	26.6	96.3	28.5	98.4	28.8
	37	57.7	14.9	68.8	18.9	79.9	23.4	85.5	25.8	91.1	28.4	94.8	29.5	96.9	29.8
	39	57.7	15.8	68.8	20.1	79.9	24.9	85.5	27.5	91.1	30.2	93.3	30.6	95.3	30.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (680)	10	51.3	7.77	61.2	9.31	71.0	10.9	76.0	11.8	80.9	12.6	90.8	14.4	101	16.2
	12	51.3	7.90	61.2	9.47	71.0	11.1	76.0	12.0	80.9	12.9	90.8	14.7	101	16.5
	14	51.3	8.03	61.2	9.63	71.0	11.3	76.0	12.2	80.9	13.1	90.8	15.0	101	16.9
	16	51.3	8.16	61.2	9.80	71.0	11.5	76.0	12.4	80.9	13.4	90.8	15.3	101	17.2
	18	51.3	8.30	61.2	9.98	71.0	11.8	76.0	12.7	80.9	13.6	90.8	15.6	101	17.5
	20	51.3	8.45	61.2	10.2	71.0	12.0	76.0	12.9	80.9	13.9	90.8	16.1	101	18.8
	21	51.3	8.53	61.2	10.3	71.0	12.1	76.0	13.1	80.9	14.2	90.8	16.7	101	19.4
	23	51.3	8.68	61.2	10.5	71.0	12.7	76.0	13.9	80.9	15.2	90.8	17.9	101	20.8
	25	51.3	8.97	61.2	11.1	71.0	13.6	76.0	14.9	80.9	16.2	90.8	19.2	101	22.3
	27	51.3	9.54	61.2	11.9	71.0	14.5	76.0	15.9	80.9	17.3	90.8	20.5	101	23.9
	29	51.3	10.1	61.2	12.6	71.0	15.4	76.0	16.9	80.9	18.5	90.8	21.9	101	25.5
	31	51.3	10.8	61.2	13.4	71.0	16.4	76.0	18.0	80.9	19.7	90.8	23.3	99.2	26.5
	33	51.3	11.4	61.2	14.3	71.0	17.5	76.0	19.2	80.9	21.0	90.8	24.9	97.6	27.5
	35	51.3	12.1	61.2	15.2	71.0	18.6	76.0	20.4	80.9	22.4	90.8	26.5	96.1	28.5
	37	51.3	12.8	61.2	16.1	71.0	19.8	76.0	21.8	80.9	23.8	90.8	28.3	94.5	29.5
	39	51.3	13.6	61.2	17.1	71.0	21.0	76.0	23.1	80.9	25.4	90.8	30.1	93.0	30.5
70% (595)	10	44.9	6.83	53.5	8.11	62.2	9.47	66.5	10.2	70.8	10.9	79.5	12.4	88.1	13.9
	12	44.9	6.94	53.5	8.24	62.2	9.63	66.5	10.4	70.8	11.1	79.5	12.6	88.1	14.2
	14	44.9	7.05	53.5	8.38	62.2	9.80	66.5	10.5	70.8	11.3	79.5	12.9	88.1	14.5
	16	44.9	7.16	53.5	8.52	62.2	9.98	66.5	10.7	70.8	11.5	79.5	13.1	88.1	14.7
	18	44.9	7.28	53.5	8.67	62.2	10.2	66.5	10.9	70.8	11.7	79.5	13.4	88.1	15.0
	20	44.9	7.40	53.5	8.83	62.2	10.4	66.5	11.1	70.8	12.0	79.5	13.6	88.1	15.4
	21	44.9	7.46	53.5	8.91	62.2	10.5	66.5	11.2	70.8	12.1	79.5	13.8	88.1	16.0
	23	44.9	7.59	53.5	9.08	62.2	10.7	66.5	11.6	70.8	12.6	79.5	14.8	88.1	17.1
	25	44.9	7.73	53.5	9.44	62.2	11.4	66.5	12.4	70.8	13.5	79.5	15.8	88.1	18.3
	27	44.9	8.17	53.5	10.0	62.2	12.1	66.5	13.2	70.8	14.4	79.5	16.9	88.1	19.6
	29	44.9	8.67	53.5	10.7	62.2	12.9	66.5	14.1	70.8	15.4	79.5	18.0	88.1	20.9
	31	44.9	9.19	53.5	11.3	62.2	13.7	66.5	15.0	70.8	16.4	79.5	19.2	88.1	22.3
	33	44.9	9.74	53.5	12.0	62.2	14.6	66.5	16.0	70.8	17.4	79.5	20.5	88.1	23.8
	35	44.9	10.3	53.5	12.8	62.2	15.5	66.5	17.0	70.8	18.5	79.5	21.8	88.1	25.4
	37	44.9	10.9	53.5	13.5	62.2	16.5	66.5	18.0	70.8	19.7	79.5	23.2	88.1	27.0
	39	44.9	11.6	53.5	14.4	62.2	17.5	66.5	19.2	70.8	20.9	79.5	24.7	88.1	28.8
60% (510)	10	38.5	5.94	45.9	6.98	53.3	8.07	57.0	8.64	60.7	9.23	68.1	10.4	75.5	11.7
	12	38.5	6.03	45.9	7.08	53.3	8.21	57.0	8.79	60.7	9.39	68.1	10.6	75.5	11.9
	14	38.5	6.12	45.9	7.20	53.3	8.34	57.0	8.94	60.7	9.55	68.1	10.8	75.5	12.1
	16	38.5	6.21	45.9	7.31	53.3	8.49	57.0	9.10	60.7	9.73	68.1	11.0	75.5	12.4
	18	38.5	6.30	45.9	7.43	53.3	8.64	57.0	9.26	60.7	9.90	68.1	11.2	75.5	12.6
	20	38.5	6.40	45.9	7.56	53.3	8.79	57.0	9.43	60.7	10.1	68.1	11.4	75.5	12.8
	21	38.5	6.45	45.9	7.62	53.3	8.87	57.0	9.52	60.7	10.2	68.1	11.6	75.5	13.0
	23	38.5	6.56	45.9	7.76	53.3	9.04	57.0	9.70	60.7	10.4	68.1	12.0	75.5	13.8
	25	38.5	6.67	45.9	7.90	53.3	9.39	57.0	10.2	60.7	11.0	68.1	12.8	75.5	14.7
	27	38.5	6.91	45.9	8.37	53.3	9.99	57.0	10.9	60.7	11.8	68.1	13.7	75.5	15.7
	29	38.5	7.32	45.9	8.89	53.3	10.6	57.0	11.5	60.7	12.5	68.1	14.6	75.5	16.8
	31	38.5	7.75	45.9	9.43	53.3	11.3	57.0	12.3	60.7	13.3	68.1	15.5	75.5	17.9
	33	38.5	8.20	45.9	9.99	53.3	12.0	57.0	13.0	60.7	14.1	68.1	16.5	75.5	19.0
	35	38.5	8.67	45.9	10.6	53.3	12.7	57.0	13.8	60.7	15.0	68.1	17.5	75.5	20.3
	37	38.5	9.16	45.9	11.2	53.3	13.5	57.0	14.7	60.7	16.0	68.1	18.7	75.5	21.6
	39	38.5	9.68	45.9	11.9	53.3	14.3	57.0	15.6	60.7	16.9	68.1	19.8	75.5	22.9
50% (425)	10	32.1	5.11	38.2	5.91	44.4	6.77	47.5	7.21	50.6	7.67	56.8	8.61	62.9	9.59
	12	32.1	5.18	38.2	6.00	44.4	6.87	47.5	7.32	50.6	7.79	56.8	8.76	62.9	9.76
	14	32.1	5.24	38.2	6.08	44.4	6.98	47.5	7.44	50.6	7.92	56.8	8.91	62.9	9.93
	16	32.1	5.31	38.2	6.17	44.4	7.09	47.5	7.56	50.6	8.05	56.8	9.06	62.9	10.1
	18	32.1	5.39	38.2	6.27	44.4	7.20	47.5	7.69	50.6	8.19	56.8	9.22	62.9	10.3
	20	32.1	5.47	38.2	6.37	44.4	7.32	47.5	7.82	50.6	8.33	56.8	9.39	62.9	10.5
	21	32.1	5.51	38.2	6.42	44.4	7.39	47.5	7.89	50.6	8.41	56.8	9.48	62.9	10.6
	23	32.1	5.59	38.2	6.52	44.4	7.51	47.5	8.03	50.6	8.56	56.8	9.66	62.9	10.8
	25	32.1	5.67	38.2	6.63	44.4	7.65	47.5	8.20	50.6	8.82	56.8	10.1	62.9	11.6
	27	32.1	5.76	38.2	6.87	44.4	8.07	47.5	8.71	50.6	9.38	56.8	10.8	62.9	12.3
	29	32.1	6.10	38.2	7.28	44.4	8.57	47.5	9.25	50.6	9.97	56.8	11.5	62.9	13.1
	31	32.1	6.44	38.2	7.70	44.4	9.08	47.5	9.82	50.6	10.6	56.8	12.2	62.9	14.0
	33	32.1	6.80	38.2	8.15	44.4	9.62	47.5	10.4	50.6	11.2	56.8	13.0	62.9	14.8
	35	32.1	7.18	38.2	8.61	44.4	10.2	47.5	11.0	50.6	11.9	56.8	13.8	62.9	15.8
	37	32.1	7.57	38.2	9.10	44.4	10.8	47.5	11.7	50.6	12.6	56.8	14.6	62.9	16.7
	39	32.1	7.98	38.2	9.62	44.4	11.4	47.5	12.4	50.6	13.4	56.8	15.5	62.9	17.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ36TSY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1170)	10	87.7	14.2	105	17.3	122	20.6	126	21.1	128	20.6	131	19.8	134	18.9
	12	87.7	14.4	105	17.7	122	21.0	124	21.0	126	20.5	129	19.6	132	19.3
	14	87.7	14.7	105	18.0	121	21.3	123	20.9	124	20.4	127	20.2	131	20.4
	16	87.7	15.0	105	18.4	119	21.2	121	21.0	123	21.1	126	21.3	129	21.5
	18	87.7	15.3	105	18.7	118	22.0	119	22.1	121	22.2	124	22.4	127	22.7
	20	87.7	15.6	105	20.0	116	23.1	118	23.2	119	23.3	123	23.5	126	23.8
	21	87.7	16.0	105	20.7	115	23.6	117	23.7	119	23.8	122	24.1	125	24.3
	23	87.7	17.2	105	22.2	114	24.7	115	24.8	117	24.9	120	25.2	123	25.4
	25	87.7	18.3	105	23.7	112	25.8	114	25.9	115	26.0	118	26.3	122	26.6
	27	87.7	19.6	105	25.4	111	26.9	112	27.0	114	27.1	117	27.4	120	27.7
	29	87.7	20.9	105	27.1	109	27.9	110	28.1	112	28.2	115	28.5	118	28.8
	31	87.7	22.3	104	28.7	107	29.0	109	29.2	110	29.4	114	29.7	117	30.0
	33	87.7	23.8	102	29.8	106	30.1	107	30.3	109	30.5	112	30.8	115	31.1
	35	87.7	25.3	101	30.9	104	31.2	106	31.4	107	31.6	110	31.9	114	32.3
	37	87.7	27.0	99.2	32.0	102	32.3	104	32.5	106	32.7	109	33.1	112	33.5
	39	87.7	28.7	97.6	33.1	101	33.5	102	33.7	104	33.9	107	34.2	110	34.6
120% (1080)	10	81.0	12.9	96.6	15.8	112	18.8	120	20.3	126	21.2	128	20.4	131	19.6
	12	81.0	13.2	96.6	16.1	112	19.2	120	20.7	124	21.1	127	20.3	130	19.4
	14	81.0	13.4	96.6	16.4	112	19.5	120	21.1	122	21.0	125	20.1	128	20.3
	16	81.0	13.7	96.6	16.7	112	19.9	119	21.3	121	21.0	124	21.2	126	21.4
	18	81.0	14.0	96.6	17.1	112	20.6	118	22.0	119	22.1	122	22.3	125	22.5
	20	81.0	14.2	96.6	17.7	112	22.1	116	23.1	117	23.2	120	23.4	123	23.6
	21	81.0	14.4	96.6	18.4	112	22.9	115	23.6	117	23.7	120	23.9	122	24.1
	23	81.0	15.3	96.6	19.7	112	24.5	113	24.7	115	24.8	118	25.0	121	25.2
	25	81.0	16.4	96.6	21.1	110	25.6	112	25.7	113	25.9	116	26.1	119	26.4
	27	81.0	17.5	96.6	22.5	109	26.7	110	26.8	112	27.0	115	27.2	118	27.5
	29	81.0	18.7	96.6	24.1	107	27.8	109	27.9	110	28.1	113	28.3	116	28.6
	31	81.0	19.9	96.6	25.7	106	28.9	107	29.0	108	29.2	111	29.4	114	29.7
	33	81.0	21.2	96.6	27.4	104	29.9	105	30.1	107	30.3	110	30.6	113	30.9
	35	81.0	22.6	96.6	29.2	102	31.0	104	31.2	105	31.4	108	31.7	111	32.0
	37	81.0	24.0	96.6	31.1	101	32.1	102	32.3	104	32.5	106	32.8	109	33.2
	39	81.0	25.5	96.1	32.9	99.0	33.2	100	33.4	102	33.6	105	34.0	108	34.3
110% (990)	10	74.2	11.8	88.5	14.3	103	17.0	110	18.4	117	19.8	126	21.0	129	20.3
	12	74.2	12.0	88.5	14.6	103	17.3	110	18.7	117	20.2	125	20.9	127	20.1
	14	74.2	12.2	88.5	14.9	103	17.7	110	19.1	117	20.5	123	20.8	126	20.1
	16	74.2	12.4	88.5	15.1	103	18.0	110	19.5	117	20.9	121	21.1	124	21.2
	18	74.2	12.7	88.5	15.4	103	18.4	110	20.0	117	21.9	120	22.1	122	22.3
	20	74.2	12.9	88.5	15.8	103	19.4	110	21.5	115	23.0	118	23.2	121	23.4
	21	74.2	13.0	88.5	16.2	103	20.1	110	22.3	115	23.5	117	23.8	120	24.0
	23	74.2	13.6	88.5	17.4	103	21.6	110	23.9	113	24.6	116	24.8	118	25.0
	25	74.2	14.6	88.5	18.6	103	23.1	110	25.6	111	25.7	114	25.9	117	26.2
	27	74.2	15.5	88.5	19.9	103	24.7	108	26.7	110	26.8	112	27.0	115	27.3
	29	74.2	16.6	88.5	21.2	103	26.4	107	27.7	108	27.9	111	28.1	113	28.4
	31	74.2	17.6	88.5	22.6	103	28.2	105	28.8	106	29.0	109	29.2	112	29.5
	33	74.2	18.8	88.5	24.1	102	29.8	103	29.9	105	30.0	108	30.3	110	30.6
	35	74.2	20.0	88.5	25.7	101	30.8	102	31.0	103	31.1	106	31.4	109	31.7
	37	74.2	21.2	88.5	27.3	98.9	31.9	100	32.1	102	32.2	104	32.6	107	32.9
	39	74.2	22.6	88.5	29.1	97.3	33.0	98.6	33.2	100	33.4	103	33.7	105	34.0
100% (900)	10	67.5	10.6	80.5	12.9	93.5	15.2	100	16.5	107	17.7	120	20.2	126	20.9
	12	67.5	10.8	80.5	13.1	93.5	15.5	100	16.8	107	18.0	120	20.6	125	20.8
	14	67.5	11.0	80.5	13.3	93.5	15.8	100	17.1	107	18.4	120	21.0	123	20.7
	16	67.5	11.2	80.5	13.6	93.5	16.1	100	17.4	107	18.7	119	21.3	122	21.1
	18	67.5	11.4	80.5	13.9	93.5	16.4	100	17.8	107	19.1	117	22.0	120	22.1
	20	67.5	11.6	80.5	14.1	93.5	16.9	100	18.7	107	20.5	116	23.0	118	23.2
	21	67.5	11.7	80.5	14.3	93.5	17.5	100	19.3	107	21.2	115	23.6	117	23.8
	23	67.5	12.0	80.5	15.2	93.5	18.8	100	20.7	107	22.8	113	24.7	116	24.9
	25	67.5	12.8	80.5	16.3	93.5	20.1	100	22.2	107	24.4	112	25.7	114	25.9
	27	67.5	13.7	80.5	17.4	93.5	21.5	100	23.7	107	26.1	110	26.8	113	27.0
	29	67.5	14.6	80.5	18.5	93.5	22.9	100	25.3	106	27.7	109	27.9	111	28.1
	31	67.5	15.5	80.5	19.7	93.5	24.5	100	27.1	104	28.8	107	29.0	109	29.2
	33	67.5	16.5	80.5	21.0	93.5	26.1	100	28.9	103	29.8	105	30.1	108	30.4
	35	67.5	17.5	80.5	22.4	93.5	27.8	100	30.8	101	30.9	104	31.2	106	31.5
	37	67.5	18.6	80.5	23.8	93.5	29.6	98.4	31.9	99.6	32.0	102	32.3	104	32.6
	39	67.5	19.8	80.5	25.3	93.5	31.6	96.7	33.0	98.0	33.1	100	33.4	103	33.7
90% (810)	10	60.7	9.49	72.4	11.4	84.1	13.5	90.0	14.6	95.9	15.7	108	17.9	119	20.2
	12	60.7	9.65	72.4	11.7	84.1	13.8	90.0	14.9	95.9	16.0	108	18.3	119	20.6
	14	60.7	9.82	72.4	11.9	84.1	14.0	90.0	15.1	95.9	16.3	108	18.6	119	21.0
	16	60.7	9.99	72.4	12.1	84.1	14.3	90.0	15.4	95.9	16.6	108	19.0	119	21.3
	18	60.7	10.2	72.4	12.3	84.1	14.6	90.0	15.7	95.9	16.9	108	19.3	117	22.0
	20	60.7	10.4	72.4	12.6	84.1	14.9	90.0	16.1	95.9	17.6	108	20.8	116	23.0
	21	60.7	10.5	72.4	12.7	84.1	15.1	90.0	16.6	95.9	18.2	108	21.5	115	23.6
	23	60.7	10.7	72.4	13.2	84.1	16.2	90.0	17.8	95.9	19.5	108	23.1	113	24.7
	25	60.7	11.2	72.4	14.1	84.1	17.3	90.0	19.0	95.9	20.8	108	24.7	112	25.7
	27	60.7	12.0	72.4	15.0	84.1	18.5	90.0	20.3	95.9	22.3	108	26.5	110	26.8
	29	60.7	12.7	72.4	16.0	84.1	19.7	90.0	21.7	95.9	23.8	106	27.7	108	27.9
	31	60.7	13.5	72.4	17.1	84.1	21.0	90.0	23.1	95.9	25.4	105	28.8	107	29.0
	33	60.7	14.4	72.4	18.1	84.1	22.4	90.0	24.7	95.9	27.1	103	29.9	105	30.1
	35	60.7	15.2	72.4	19.3	84.1	23.8	90.0	26.3	95.9	28.9	101	30.9	104	31.2
	37	60.7	16.2	72.4	20.5	84.1	25.4	90.0	28.0	95.9	30.8	99.8	32.0	102	32.3
	39	60.7	17.2	72.4	21.8	84.1	27.0	90.0	29.8	95.9	32.8	98.2	33.1	100	33.4

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (720)	10	54.0	8.43	64.4	10.1	74.8	11.9	80.0	12.8	85.2	13.7	95.6	15.6	106	17.6
	12	54.0	8.56	64.4	10.3	74.8	12.1	80.0	13.0	85.2	14.0	95.6	15.9	106	17.9
	14	54.0	8.71	64.4	10.4	74.8	12.3	80.0	13.2	85.2	14.2	95.6	16.2	106	18.3
	16	54.0	8.85	64.4	10.6	74.8	12.5	80.0	13.5	85.2	14.5	95.6	16.6	106	18.6
	18	54.0	9.01	64.4	10.8	74.8	12.8	80.0	13.8	85.2	14.8	95.6	16.9	106	19.0
	20	54.0	9.17	64.4	11.0	74.8	13.0	80.0	14.0	85.2	15.1	95.6	17.5	106	20.3
	21	54.0	9.25	64.4	11.1	74.8	13.1	80.0	14.2	85.2	15.4	95.6	18.1	106	21.1
	23	54.0	9.42	64.4	11.4	74.8	13.8	80.0	15.1	85.2	16.5	95.6	19.4	106	22.6
	25	54.0	9.72	64.4	12.1	74.8	14.7	80.0	16.1	85.2	17.6	95.6	20.8	106	24.2
	27	54.0	10.3	64.4	12.9	74.8	15.7	80.0	17.2	85.2	18.8	95.6	22.2	106	25.9
	29	54.0	11.0	64.4	13.7	74.8	16.7	80.0	18.4	85.2	20.1	95.6	23.7	106	27.7
	31	54.0	11.7	64.4	14.6	74.8	17.8	80.0	19.6	85.2	21.4	95.6	25.3	104	28.7
	33	54.0	12.4	64.4	15.5	74.8	19.0	80.0	20.8	85.2	22.8	95.6	27.0	103	29.8
	35	54.0	13.1	64.4	16.5	74.8	20.2	80.0	22.2	85.2	24.3	95.6	28.8	101	30.9
	37	54.0	13.9	64.4	17.5	74.8	21.4	80.0	23.6	85.2	25.8	95.6	30.7	99.5	32.0
	39	54.0	14.8	64.4	18.6	74.8	22.8	80.0	25.1	85.2	27.5	95.6	32.7	97.9	33.1
70% (630)	10	47.2	7.41	56.3	8.79	65.4	10.3	70.0	11.0	74.6	11.8	83.7	13.4	92.8	15.1
	12	47.2	7.52	56.3	8.94	65.4	10.4	70.0	11.2	74.6	12.0	83.7	13.7	92.8	15.4
	14	47.2	7.64	56.3	9.09	65.4	10.6	70.0	11.4	74.6	12.2	83.7	13.9	92.8	15.7
	16	47.2	7.76	56.3	9.25	65.4	10.8	70.0	11.6	74.6	12.5	83.7	14.2	92.8	16.0
	18	47.2	7.89	56.3	9.41	65.4	11.0	70.0	11.9	74.6	12.7	83.7	14.5	92.8	16.3
	20	47.2	8.02	56.3	9.58	65.4	11.2	70.0	12.1	74.6	13.0	83.7	14.8	92.8	16.8
	21	47.2	8.09	56.3	9.66	65.4	11.3	70.0	12.2	74.6	13.1	83.7	15.0	92.8	17.3
	23	47.2	8.23	56.3	9.84	65.4	11.6	70.0	12.6	74.6	13.7	83.7	16.1	92.8	18.6
	25	47.2	8.38	56.3	10.2	65.4	12.3	70.0	13.5	74.6	14.6	83.7	17.2	92.8	19.9
	27	47.2	8.86	56.3	10.9	65.4	13.1	70.0	14.4	74.6	15.6	83.7	18.3	92.8	21.2
	29	47.2	9.40	56.3	11.6	65.4	14.0	70.0	15.3	74.6	16.7	83.7	19.6	92.8	22.7
	31	47.2	9.97	56.3	12.3	65.4	14.9	70.0	16.3	74.6	17.7	83.7	20.8	92.8	24.2
	33	47.2	10.6	56.3	13.1	65.4	15.8	70.0	17.3	74.6	18.9	83.7	22.2	92.8	25.8
	35	47.2	11.2	56.3	13.9	65.4	16.8	70.0	18.4	74.6	20.1	83.7	23.6	92.8	27.5
	37	47.2	11.8	56.3	14.7	65.4	17.9	70.0	19.6	74.6	21.4	83.7	25.2	92.8	29.3
	39	47.2	12.5	56.3	15.6	65.4	19.0	70.0	20.8	74.6	22.7	83.7	26.8	92.8	31.2
60% (540)	10	40.5	6.45	48.3	7.57	56.1	8.76	60.0	9.38	63.9	10.0	71.7	11.3	79.5	12.7
	12	40.5	6.54	48.3	7.68	56.1	8.90	60.0	9.53	63.9	10.2	71.7	11.5	79.5	12.9
	14	40.5	6.63	48.3	7.80	56.1	9.05	60.0	9.70	63.9	10.4	71.7	11.7	79.5	13.2
	16	40.5	6.73	48.3	7.93	56.1	9.20	60.0	9.87	63.9	10.5	71.7	12.0	79.5	13.4
	18	40.5	6.84	48.3	8.06	56.1	9.37	60.0	10.0	63.9	10.7	71.7	12.2	79.5	13.7
	20	40.5	6.94	48.3	8.20	56.1	9.53	60.0	10.2	63.9	10.9	71.7	12.4	79.5	13.9
	21	40.5	7.00	48.3	8.27	56.1	9.62	60.0	10.3	63.9	11.0	71.7	12.5	79.5	14.1
	23	40.5	7.11	48.3	8.41	56.1	9.80	60.0	10.5	63.9	11.3	71.7	13.0	79.5	15.0
	25	40.5	7.23	48.3	8.57	56.1	10.2	60.0	11.1	63.9	12.0	71.7	13.9	79.5	16.0
	27	40.5	7.49	48.3	9.08	56.1	10.8	60.0	11.8	63.9	12.7	71.7	14.8	79.5	17.1
	29	40.5	7.94	48.3	9.64	56.1	11.5	60.0	12.5	63.9	13.6	71.7	15.8	79.5	18.2
	31	40.5	8.41	48.3	10.2	56.1	12.2	60.0	13.3	63.9	14.4	71.7	16.8	79.5	19.4
	33	40.5	8.89	48.3	10.8	56.1	13.0	60.0	14.1	63.9	15.3	71.7	17.9	79.5	20.7
	35	40.5	9.40	48.3	11.5	56.1	13.8	60.0	15.0	63.9	16.3	71.7	19.0	79.5	22.0
	37	40.5	9.94	48.3	12.2	56.1	14.6	60.0	15.9	63.9	17.3	71.7	20.2	79.5	23.4
	39	40.5	10.5	48.3	12.9	56.1	15.5	60.0	16.9	63.9	18.4	71.7	21.5	79.5	24.9
50% (450)	10	33.7	5.54	40.2	6.41	46.7	7.34	50.0	7.82	53.3	8.31	59.8	9.34	66.3	10.4
	12	33.7	5.61	40.2	6.50	46.7	7.45	50.0	7.94	53.3	8.45	59.8	9.50	66.3	10.6
	14	33.7	5.69	40.2	6.60	46.7	7.57	50.0	8.07	53.3	8.59	59.8	9.66	66.3	10.8
	16	33.7	5.76	40.2	6.70	46.7	7.69	50.0	8.20	53.3	8.73	59.8	9.83	66.3	11.0
	18	33.7	5.84	40.2	6.80	46.7	7.81	50.0	8.34	53.3	8.88	59.8	10.0	66.3	11.2
	20	33.7	5.93	40.2	6.90	46.7	7.94	50.0	8.48	53.3	9.04	59.8	10.2	66.3	11.4
	21	33.7	5.97	40.2	6.96	46.7	8.01	50.0	8.56	53.3	9.12	59.8	10.3	66.3	11.5
	23	33.7	6.06	40.2	7.07	46.7	8.15	50.0	8.71	53.3	9.29	59.8	10.5	66.3	11.8
	25	33.7	6.15	40.2	7.19	46.7	8.29	50.0	8.89	53.3	9.57	59.8	11.0	66.3	12.5
	27	33.7	6.25	40.2	7.45	46.7	8.75	50.0	9.45	53.3	10.2	59.8	11.7	66.3	13.4
	29	33.7	6.61	40.2	7.89	46.7	9.29	50.0	10.0	53.3	10.8	59.8	12.5	66.3	14.2
	31	33.7	6.99	40.2	8.35	46.7	9.85	50.0	10.6	53.3	11.5	59.8	13.2	66.3	15.1
	33	33.7	7.38	40.2	8.84	46.7	10.4	50.0	11.3	53.3	12.2	59.8	14.1	66.3	16.1
	35	33.7	7.79	40.2	9.34	46.7	11.1	50.0	12.0	53.3	12.9	59.8	14.9	66.3	17.1
	37	33.7	8.21	40.2	9.87	46.7	11.7	50.0	12.7	53.3	13.7	59.8	15.8	66.3	18.2
	39	33.7	8.66	40.2	10.4	46.7	12.4	50.0	13.4	53.3	14.5	59.8	16.8	66.3	19.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ38TSY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1235)	10	93.0	15.4	111	18.8	129	22.4	134	22.9	135	22.4	139	21.4	142	20.5
	12	93.0	15.7	111	19.2	129	22.8	132	22.7	133	22.3	137	21.3	140	21.0
	14	93.0	15.9	111	19.5	128	23.1	130	22.6	132	22.1	135	22.0	138	22.2
	16	93.0	16.3	111	19.9	127	23.0	128	22.8	130	22.9	133	23.1	137	23.4
	18	93.0	16.6	111	20.3	125	23.9	127	24.0	128	24.1	132	24.3	135	24.6
	20	93.0	16.9	111	21.6	123	25.0	125	25.1	127	25.3	130	25.5	133	25.8
	21	93.0	17.4	111	22.4	122	25.6	124	25.7	126	25.9	129	26.1	132	26.4
	23	93.0	18.6	111	24.0	121	26.8	122	26.9	124	27.0	127	27.3	131	27.6
	25	93.0	19.9	111	25.7	119	27.9	121	28.1	122	28.2	126	28.5	129	28.8
	27	93.0	21.3	111	27.5	117	29.1	119	29.3	121	29.4	124	29.7	127	30.0
	29	93.0	22.7	111	29.4	115	30.3	117	30.5	119	30.6	122	31.0	126	31.3
	31	93.0	24.2	110	31.1	114	31.5	115	31.7	117	31.8	120	32.2	124	32.5
	33	93.0	25.8	109	32.3	112	32.7	114	32.9	115	33.0	119	33.4	122	33.8
	35	93.0	27.5	107	33.5	110	33.9	112	34.1	114	34.3	117	34.6	120	35.0
	37	93.0	29.2	105	34.7	109	35.1	110	35.3	112	35.5	115	35.9	119	36.3
	39	93.0	31.1	103	35.9	107	36.3	108	36.5	110	36.7	114	37.1	117	37.6
120% (1140)	10	85.8	14.0	102	17.2	119	20.4	127	22.0	133	23.0	136	22.1	139	21.2
	12	85.8	14.3	102	17.5	119	20.8	127	22.5	131	22.9	134	22.0	138	21.1
	14	85.8	14.6	102	17.8	119	21.2	127	22.9	130	22.7	133	21.8	136	22.0
	16	85.8	14.8	102	18.2	119	21.6	126	23.1	128	22.8	131	23.0	134	23.2
	18	85.8	15.1	102	18.5	119	22.3	125	23.8	126	23.9	129	24.2	132	24.4
	20	85.8	15.4	102	19.2	119	24.0	123	25.0	124	25.1	128	25.3	131	25.6
	21	85.8	15.6	102	19.9	119	24.9	122	25.6	124	25.7	127	25.9	130	26.2
	23	85.8	16.6	102	21.4	119	26.6	120	26.7	122	26.9	125	27.1	128	27.4
	25	85.8	17.8	102	22.9	117	27.8	119	27.9	120	28.1	123	28.3	126	28.6
	27	85.8	19.0	102	24.4	115	28.9	117	29.1	118	29.2	122	29.5	125	29.8
	29	85.8	20.2	102	26.1	114	30.1	115	30.3	117	30.4	120	30.7	123	31.0
	31	85.8	21.6	102	27.9	112	31.3	113	31.5	115	31.6	118	31.9	121	32.2
	33	85.8	23.0	102	29.7	110	32.5	112	32.6	113	32.8	116	33.1	119	33.5
	35	85.8	24.5	102	31.7	108	33.7	110	33.8	112	34.0	115	34.4	118	34.7
	37	85.8	26.0	102	33.8	107	34.9	108	35.0	110	35.2	113	35.6	116	36.0
	39	85.8	27.7	102	35.7	105	36.0	107	36.2	108	36.4	111	36.8	114	37.2
110% (1045)	10	78.7	12.8	93.8	15.5	109	18.4	117	19.9	124	21.4	134	22.8	137	22.0
	12	78.7	13.0	93.8	15.8	109	18.8	117	20.3	124	21.9	132	22.7	135	21.8
	14	78.7	13.2	93.8	16.1	109	19.1	117	20.7	124	22.3	130	22.5	133	21.8
	16	78.7	13.5	93.8	16.4	109	19.5	117	21.1	124	22.7	129	22.8	131	23.0
	18	78.7	13.7	93.8	16.7	109	19.9	117	21.7	124	23.8	127	24.0	130	24.2
	20	78.7	14.0	93.8	17.1	109	21.1	117	23.3	122	25.0	125	25.2	128	25.4
	21	78.7	14.1	93.8	17.6	109	21.8	117	24.1	121	25.5	124	25.8	127	26.0
	23	78.7	14.8	93.8	18.8	109	23.4	117	25.9	120	26.7	123	26.9	125	27.2
	25	78.7	15.8	93.8	20.2	109	25.1	117	27.7	118	27.9	121	28.1	124	28.4
	27	78.7	16.8	93.8	21.5	109	26.8	115	28.9	116	29.0	119	29.3	122	29.6
	29	78.7	18.0	93.8	23.0	109	28.7	113	30.1	115	30.2	117	30.5	120	30.8
	31	78.7	19.1	93.8	24.5	109	30.6	111	31.3	113	31.4	116	31.7	119	32.0
	33	78.7	20.3	93.8	26.1	108	32.3	110	32.4	111	32.6	114	32.9	117	33.2
	35	78.7	21.6	93.8	27.8	107	33.4	108	33.6	109	33.8	112	34.1	115	34.4
	37	78.7	23.0	93.8	29.6	105	34.6	106	34.8	108	35.0	111	35.3	113	35.7
	39	78.7	24.5	93.8	31.6	103	35.8	105	36.0	106	36.2	109	36.5	112	36.9
100% (950)	10	71.5	11.5	85.3	13.9	99.1	16.5	106	17.9	113	19.2	127	22.0	134	22.7
	12	71.5	11.7	85.3	14.2	99.1	16.8	106	18.2	113	19.6	127	22.4	132	22.6
	14	71.5	11.9	85.3	14.5	99.1	17.2	106	18.5	113	19.9	127	22.8	131	22.5
	16	71.5	12.1	85.3	14.7	99.1	17.5	106	18.9	113	20.3	126	23.1	129	22.8
	18	71.5	12.4	85.3	15.0	99.1	17.8	106	19.3	113	20.7	125	23.8	127	24.0
	20	71.5	12.6	85.3	15.3	99.1	18.4	106	20.2	113	22.2	123	25.0	125	25.2
	21	71.5	12.7	85.3	15.5	99.1	19.0	106	21.0	113	23.0	122	25.6	125	25.8
	23	71.5	13.0	85.3	16.5	99.1	20.4	106	22.5	113	24.7	120	26.7	123	26.9
	25	71.5	13.9	85.3	17.6	99.1	21.8	106	24.1	113	26.4	118	27.9	121	28.1
	27	71.5	14.8	85.3	18.8	99.1	23.3	106	25.7	113	28.3	117	29.1	119	29.3
	29	71.5	15.8	85.3	20.1	99.1	24.9	106	27.5	112	30.0	115	30.3	118	30.5
	31	71.5	16.8	85.3	21.4	99.1	26.5	106	29.3	111	31.2	113	31.4	116	31.7
	33	71.5	17.9	85.3	22.8	99.1	28.3	106	31.3	109	32.4	112	32.6	114	32.9
	35	71.5	19.0	85.3	24.3	99.1	30.2	106	33.4	107	33.5	110	33.8	112	34.1
	37	71.5	20.2	85.3	25.8	99.1	32.1	104	34.6	106	34.7	108	35.0	111	35.3
	39	71.5	21.4	85.3	27.5	99.1	34.2	103	35.7	104	35.9	106	36.2	109	36.6
90% (855)	10	64.4	10.3	76.8	12.4	89.2	14.7	95.4	15.8	102	17.0	114	19.4	126	21.9
	12	64.4	10.5	76.8	12.6	89.2	14.9	95.4	16.1	102	17.3	114	19.8	126	22.3
	14	64.4	10.7	76.8	12.9	89.2	15.2	95.4	16.4	102	17.7	114	20.2	126	22.7
	16	64.4	10.8	76.8	13.1	89.2	15.5	95.4	16.7	102	18.0	114	20.6	126	23.1
	18	64.4	11.0	76.8	13.4	89.2	15.8	95.4	17.1	102	18.4	114	21.0	124	23.8
	20	64.4	11.2	76.8	13.6	89.2	16.1	95.4	17.4	102	19.0	114	22.5	123	25.0
	21	64.4	11.3	76.8	13.7	89.2	16.4	95.4	18.0	102	19.7	114	23.4	122	25.6
	23	64.4	11.6	76.8	14.3	89.2	17.5	95.4	19.3	102	21.1	114	25.0	120	26.7
	25	64.4	12.2	76.8	15.3	89.2	18.8	95.4	20.6	102	22.6	114	26.8	118	27.9
	27	64.4	13.0	76.8	16.3	89.2	20.0	95.4	22.0	102	24.2	114	28.7	117	29.1
	29	64.4	13.8	76.8	17.4	89.2	21.4	95.4	23.5	102	25.8	113	30.0	115	30.3
	31	64.4	14.7	76.8	18.5	89.2	22.8	95.4	25.1	102	27.5	111	31.2	113	31.4
	33	64.4	15.6	76.8	19.7	89.2	24.3	95.4	26.8	102	29.4	109	32.4	112	32.6
	35	64.4	16.5	76.8	20.9	89.2	25.9	95.4	28.5	102	31.3	108	33.6	110	33.8
	37	64.4	17.5	76.8	22.2	89.2	27.5	95.4	30.4	102	33.4	106	34.7	108	35.0
	39	64.4	18.6	76.8	23.6	89.2	29.3	95.4	32.3	102	35.6	104	35.9	106	36.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (760)	10	57.2	9.14	68.2	10.9	79.3	12.9	84.8	13.9	90.3	14.9	101	17.0	112	19.1
	12	57.2	9.29	68.2	11.1	79.3	13.1	84.8	14.1	90.3	15.1	101	17.3	112	19.5
	14	57.2	9.44	68.2	11.3	79.3	13.3	84.8	14.4	90.3	15.4	101	17.6	112	19.8
	16	57.2	9.60	68.2	11.5	79.3	13.6	84.8	14.6	90.3	15.7	101	17.9	112	20.2
	18	57.2	9.77	68.2	11.7	79.3	13.8	84.8	14.9	90.3	16.0	101	18.3	112	20.6
	20	57.2	9.94	68.2	12.0	79.3	14.1	84.8	15.2	90.3	16.3	101	19.0	112	22.1
	21	57.2	10.0	68.2	12.1	79.3	14.2	84.8	15.4	90.3	16.7	101	19.6	112	22.9
	23	57.2	10.2	68.2	12.3	79.3	14.9	84.8	16.4	90.3	17.9	101	21.0	112	24.5
	25	57.2	10.5	68.2	13.1	79.3	15.9	84.8	17.5	90.3	19.1	101	22.5	112	26.2
	27	57.2	11.2	68.2	14.0	79.3	17.0	84.8	18.7	90.3	20.4	101	24.1	112	28.1
	29	57.2	11.9	68.2	14.9	79.3	18.1	84.8	19.9	90.3	21.8	101	25.7	112	30.0
	31	57.2	12.7	68.2	15.8	79.3	19.3	84.8	21.2	90.3	23.2	101	27.4	111	31.2
	33	57.2	13.4	68.2	16.8	79.3	20.6	84.8	22.6	90.3	24.7	101	29.3	109	32.3
	35	57.2	14.2	68.2	17.8	79.3	21.9	84.8	24.0	90.3	26.3	101	31.2	107	33.5
	37	57.2	15.1	68.2	19.0	79.3	23.3	84.8	25.6	90.3	28.0	101	33.3	105	34.7
	39	57.2	16.0	68.2	20.1	79.3	24.7	84.8	27.2	90.3	29.8	101	35.4	104	35.9
70% (665)	10	50.1	8.04	59.7	9.54	69.4	11.1	74.2	12.0	79.0	12.8	88.7	14.6	98.3	16.4
	12	50.1	8.16	59.7	9.69	69.4	11.3	74.2	12.2	79.0	13.0	88.7	14.8	98.3	16.7
	14	50.1	8.29	59.7	9.86	69.4	11.5	74.2	12.4	79.0	13.3	88.7	15.1	98.3	17.0
	16	50.1	8.42	59.7	10.0	69.4	11.7	74.2	12.6	79.0	13.5	88.7	15.4	98.3	17.3
	18	50.1	8.56	59.7	10.2	69.4	11.9	74.2	12.9	79.0	13.8	88.7	15.7	98.3	17.7
	20	50.1	8.70	59.7	10.4	69.4	12.2	74.2	13.1	79.0	14.1	88.7	16.0	98.3	18.2
	21	50.1	8.78	59.7	10.5	69.4	12.3	74.2	13.2	79.0	14.2	88.7	16.3	98.3	18.8
	23	50.1	8.93	59.7	10.7	69.4	12.5	74.2	13.7	79.0	14.9	88.7	17.4	98.3	20.1
	25	50.1	9.09	59.7	11.1	69.4	13.4	74.2	14.6	79.0	15.9	88.7	18.6	98.3	21.6
	27	50.1	9.61	59.7	11.8	69.4	14.3	74.2	15.6	79.0	16.9	88.7	19.9	98.3	23.0
	29	50.1	10.2	59.7	12.6	69.4	15.2	74.2	16.6	79.0	18.1	88.7	21.2	98.3	24.6
	31	50.1	10.8	59.7	13.3	69.4	16.1	74.2	17.7	79.0	19.2	88.7	22.6	98.3	26.2
	33	50.1	11.5	59.7	14.2	69.4	17.2	74.2	18.8	79.0	20.5	88.7	24.1	98.3	28.0
	35	50.1	12.1	59.7	15.0	69.4	18.2	74.2	20.0	79.0	21.8	88.7	25.6	98.3	29.8
	37	50.1	12.8	59.7	15.9	69.4	19.4	74.2	21.2	79.0	23.2	88.7	27.3	98.3	31.8
	39	50.1	13.6	59.7	16.9	69.4	20.6	74.2	22.5	79.0	24.6	88.7	29.0	98.3	33.8
60% (570)	10	42.9	6.99	51.2	8.20	59.5	9.50	63.6	10.2	67.7	10.9	76.0	12.3	84.3	13.8
	12	42.9	7.09	51.2	8.33	59.5	9.65	63.6	10.3	67.7	11.0	76.0	12.5	84.3	14.0
	14	42.9	7.19	51.2	8.46	59.5	9.81	63.6	10.5	67.7	11.2	76.0	12.7	84.3	14.3
	16	42.9	7.30	51.2	8.60	59.5	9.98	63.6	10.7	67.7	11.4	76.0	13.0	84.3	14.5
	18	42.9	7.41	51.2	8.74	59.5	10.2	63.6	10.9	67.7	11.6	76.0	13.2	84.3	14.8
	20	42.9	7.53	51.2	8.89	59.5	10.3	63.6	11.1	67.7	11.9	76.0	13.5	84.3	15.1
	21	42.9	7.59	51.2	8.97	59.5	10.4	63.6	11.2	67.7	12.0	76.0	13.6	84.3	15.3
	23	42.9	7.71	51.2	9.12	59.5	10.6	63.6	11.4	67.7	12.2	76.0	14.1	84.3	16.2
	25	42.9	7.84	51.2	9.29	59.5	11.0	63.6	12.0	67.7	13.0	76.0	15.1	84.3	17.3
	27	42.9	8.13	51.2	9.85	59.5	11.7	63.6	12.8	67.7	13.8	76.0	16.1	84.3	18.5
	29	42.9	8.61	51.2	10.5	59.5	12.5	63.6	13.6	67.7	14.7	76.0	17.1	84.3	19.7
	31	42.9	9.12	51.2	11.1	59.5	13.3	63.6	14.4	67.7	15.6	76.0	18.2	84.3	21.0
	33	42.9	9.65	51.2	11.8	59.5	14.1	63.6	15.3	67.7	16.6	76.0	19.4	84.3	22.4
	35	42.9	10.2	51.2	12.4	59.5	14.9	63.6	16.3	67.7	17.7	76.0	20.6	84.3	23.8
	37	42.9	10.8	51.2	13.2	59.5	15.8	63.6	17.3	67.7	18.8	76.0	21.9	84.3	25.4
	39	42.9	11.4	51.2	14.0	59.5	16.8	63.6	18.3	67.7	19.9	76.0	23.3	84.3	27.0
50% (475)	10	35.8	6.01	42.7	6.95	49.5	7.96	53.0	8.48	56.4	9.02	63.3	10.1	70.2	11.3
	12	35.8	6.09	42.7	7.05	49.5	8.08	53.0	8.61	56.4	9.16	63.3	10.3	70.2	11.5
	14	35.8	6.17	42.7	7.15	49.5	8.20	53.0	8.75	56.4	9.31	63.3	10.5	70.2	11.7
	16	35.8	6.25	42.7	7.26	49.5	8.34	53.0	8.89	56.4	9.47	63.3	10.7	70.2	11.9
	18	35.8	6.34	42.7	7.37	49.5	8.47	53.0	9.04	56.4	9.63	63.3	10.8	70.2	12.1
	20	35.8	6.43	42.7	7.49	49.5	8.61	53.0	9.20	56.4	9.80	63.3	11.0	70.2	12.3
	21	35.8	6.47	42.7	7.55	49.5	8.69	53.0	9.28	56.4	9.89	63.3	11.1	70.2	12.5
	23	35.8	6.57	42.7	7.67	49.5	8.84	53.0	9.45	56.4	10.1	63.3	11.4	70.2	12.7
	25	35.8	6.67	42.7	7.80	49.5	8.99	53.0	9.64	56.4	10.4	63.3	11.9	70.2	13.6
	27	35.8	6.78	42.7	8.08	49.5	9.49	53.0	10.2	56.4	11.0	63.3	12.7	70.2	14.5
	29	35.8	7.17	42.7	8.56	49.5	10.1	53.0	10.9	56.4	11.7	63.3	13.5	70.2	15.4
	31	35.8	7.58	42.7	9.06	49.5	10.7	53.0	11.5	56.4	12.4	63.3	14.4	70.2	16.4
	33	35.8	8.00	42.7	9.58	49.5	11.3	53.0	12.2	56.4	13.2	63.3	15.3	70.2	17.4
	35	35.8	8.44	42.7	10.1	49.5	12.0	53.0	13.0	56.4	14.0	63.3	16.2	70.2	18.5
	37	35.8	8.91	42.7	10.7	49.5	12.7	53.0	13.7	56.4	14.8	63.3	17.2	70.2	19.7
	39	35.8	9.39	42.7	11.3	49.5	13.4	53.0	14.5	56.4	15.7	63.3	18.2	70.2	20.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ40TSY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1300)	10	98.2	16.6	117	20.3	136	24.1	141	24.6	143	24.1	146	23.1	150	22.1
	12	98.2	16.9	117	20.7	136	24.6	139	24.5	141	24.0	145	23.0	148	22.6
	14	98.2	17.2	117	21.1	136	24.9	137	24.4	139	23.9	143	23.7	146	23.9
	16	98.2	17.5	117	21.5	134	24.8	136	24.6	137	24.7	141	24.9	144	25.2
	18	98.2	17.9	117	21.9	132	25.7	134	25.8	136	26.0	139	26.2	143	26.5
	20	98.2	18.2	117	23.3	130	27.0	132	27.1	134	27.2	137	27.5	141	27.8
	21	98.2	18.7	117	24.2	129	27.6	131	27.7	133	27.9	136	28.2	140	28.4
	23	98.2	20.1	117	25.9	127	28.9	129	29.0	131	29.2	135	29.4	138	29.7
	25	98.2	21.4	117	27.7	126	30.1	127	30.3	129	30.4	133	30.7	136	31.1
	27	98.2	22.9	117	29.7	124	31.4	126	31.6	127	31.7	131	32.0	134	32.4
	29	98.2	24.4	117	31.7	122	32.7	124	32.8	126	33.0	129	33.4	133	33.7
	31	98.2	26.1	117	33.6	120	33.9	122	34.1	124	34.3	127	34.7	131	35.0
	33	98.2	27.8	115	34.8	118	35.2	120	35.4	122	35.6	125	36.0	129	36.4
	35	98.2	29.6	113	36.1	117	36.5	118	36.7	120	36.9	124	37.3	127	37.8
	37	98.2	31.5	111	37.4	115	37.8	116	38.0	118	38.2	122	38.7	125	39.1
	39	98.2	33.6	109	38.6	113	39.1	115	39.3	116	39.6	120	40.0	124	40.5
120% (1200)	10	90.7	15.1	108	18.5	126	22.0	134	23.8	141	24.8	144	23.8	147	22.9
	12	90.7	15.4	108	18.8	126	22.4	134	24.2	139	24.6	142	23.7	145	22.7
	14	90.7	15.7	108	19.2	126	22.8	134	24.7	137	24.5	140	23.5	143	23.7
	16	90.7	16.0	108	19.6	126	23.3	133	24.9	135	24.6	138	24.8	142	25.0
	18	90.7	16.3	108	20.0	126	24.1	132	25.7	133	25.8	137	26.0	140	26.3
	20	90.7	16.6	108	20.7	126	25.9	130	26.9	131	27.1	135	27.3	138	27.6
	21	90.7	16.8	108	21.5	126	26.8	129	27.6	131	27.7	134	28.0	137	28.2
	23	90.7	17.9	108	23.0	125	28.7	127	28.8	129	29.0	132	29.2	135	29.5
	25	90.7	19.2	108	24.6	124	29.9	125	30.1	127	30.2	130	30.5	133	30.8
	27	90.7	20.5	108	26.3	122	31.2	123	31.4	125	31.5	128	31.8	132	32.1
	29	90.7	21.8	108	28.1	120	32.5	122	32.6	123	32.8	127	33.1	130	33.4
	31	90.7	23.3	108	30.0	118	33.7	120	33.9	121	34.1	125	34.4	128	34.8
	33	90.7	24.8	108	32.0	116	35.0	118	35.2	120	35.4	123	35.7	126	36.1
	35	90.7	26.4	108	34.1	115	36.3	116	36.5	118	36.7	121	37.0	124	37.4
	37	90.7	28.1	108	36.4	113	37.6	114	37.8	116	38.0	119	38.4	123	38.8
	39	90.7	29.9	108	38.4	111	38.9	113	39.1	114	39.3	117	39.7	121	40.1
110% (1100)	10	83.1	13.7	99.2	16.7	115	19.9	123	21.5	131	23.1	141	24.5	144	23.7
	12	83.1	14.0	99.2	17.0	115	20.3	123	21.9	131	23.6	140	24.4	143	23.5
	14	83.1	14.2	99.2	17.4	115	20.6	123	22.3	131	24.0	138	24.3	141	23.5
	16	83.1	14.5	99.2	17.7	115	21.0	123	22.7	131	24.5	136	24.6	139	24.8
	18	83.1	14.8	99.2	18.1	115	21.5	123	23.4	131	25.7	134	25.9	137	26.1
	20	83.1	15.1	99.2	18.4	115	22.7	123	25.1	129	26.9	132	27.1	135	27.4
	21	83.1	15.2	99.2	19.0	115	23.5	123	26.0	128	27.5	131	27.8	134	28.0
	23	83.1	15.9	99.2	20.3	115	25.2	123	27.9	127	28.8	130	29.0	133	29.3
	25	83.1	17.0	99.2	21.7	115	27.0	123	29.9	125	30.0	128	30.3	131	30.6
	27	83.1	18.2	99.2	23.2	115	28.9	121	31.2	123	31.3	126	31.6	129	31.9
	29	83.1	19.3	99.2	24.8	115	30.9	120	32.4	121	32.6	124	32.9	127	33.2
	31	83.1	20.6	99.2	26.4	115	33.0	118	33.7	119	33.8	122	34.2	125	34.5
	33	83.1	21.9	99.2	28.2	114	34.8	116	35.0	117	35.1	120	35.5	123	35.8
	35	83.1	23.3	99.2	30.0	113	36.1	114	36.2	116	36.4	119	36.8	122	37.1
	37	83.1	24.8	99.2	32.0	111	37.3	112	37.5	114	37.7	117	38.1	120	38.4
	39	83.1	26.4	99.2	34.0	109	38.6	110	38.8	112	39.0	115	39.4	118	39.8
100% (1000)	10	75.6	12.4	90.1	15.0	105	17.8	112	19.2	119	20.7	134	23.7	142	24.5
	12	75.6	12.6	90.1	15.3	105	18.1	112	19.6	119	21.1	134	24.1	140	24.4
	14	75.6	12.8	90.1	15.6	105	18.5	112	20.0	119	21.5	134	24.6	138	24.2
	16	75.6	13.1	90.1	15.9	105	18.8	112	20.4	119	21.9	133	24.9	136	24.6
	18	75.6	13.3	90.1	16.2	105	19.2	112	20.8	119	22.3	132	25.7	134	25.9
	20	75.6	13.6	90.1	16.5	105	19.8	112	21.8	119	23.9	130	26.9	132	27.1
	21	75.6	13.7	90.1	16.7	105	20.5	112	22.6	119	24.8	129	27.6	132	27.8
	23	75.6	14.1	90.1	17.8	105	22.0	112	24.2	119	26.6	127	28.8	130	29.0
	25	75.6	15.0	90.1	19.0	105	23.5	112	25.9	119	28.5	125	30.1	128	30.3
	27	75.6	16.0	90.1	20.3	105	25.1	112	27.7	119	30.5	123	31.3	126	31.6
	29	75.6	17.0	90.1	21.6	105	26.8	112	29.6	119	32.3	122	32.6	124	32.9
	31	75.6	18.1	90.1	23.1	105	28.6	112	31.6	117	33.6	120	33.9	122	34.2
	33	75.6	19.3	90.1	24.6	105	30.5	112	33.7	115	34.9	118	35.2	121	35.5
	35	75.6	20.5	90.1	26.1	105	32.5	112	36.0	113	36.1	116	36.5	119	36.8
	37	75.6	21.8	90.1	27.8	105	34.6	110	37.2	112	37.4	114	37.8	117	38.1
	39	75.6	23.1	90.1	29.6	105	36.9	108	38.5	110	38.7	112	39.1	115	39.4
90% (900)	10	68.0	11.1	81.1	13.4	94.2	15.8	101	17.1	107	18.3	120	20.9	134	23.6
	12	68.0	11.3	81.1	13.6	94.2	16.1	101	17.4	107	18.7	120	21.3	134	24.0
	14	68.0	11.5	81.1	13.9	94.2	16.4	101	17.7	107	19.0	120	21.7	134	24.5
	16	68.0	11.7	81.1	14.1	94.2	16.7	101	18.0	107	19.4	120	22.2	133	24.9
	18	68.0	11.9	81.1	14.4	94.2	17.0	101	18.4	107	19.8	120	22.6	132	25.7
	20	68.0	12.1	81.1	14.7	94.2	17.4	101	18.8	107	20.5	120	24.3	130	26.9
	21	68.0	12.2	81.1	14.8	94.2	17.7	101	19.4	107	21.3	120	25.2	129	27.6
	23	68.0	12.5	81.1	15.4	94.2	18.9	101	20.8	107	22.8	120	27.0	127	28.8
	25	68.0	13.1	81.1	16.5	94.2	20.2	101	22.2	107	24.4	120	28.9	125	30.1
	27	68.0	14.0	81.1	17.6	94.2	21.6	101	23.8	107	26.0	120	30.9	123	31.3
	29	68.0	14.9	81.1	18.7	94.2	23.0	101	25.4	107	27.8	119	32.4	122	32.6
	31	68.0	15.8	81.1	19.9	94.2	24.6	101	27.1	107	29.7	117	33.6	120	33.9
	33	68.0	16.8	81.1	21.2	94.2	26.2	101	28.8	107	31.7	115	34.9	118	35.2
	35	68.0	17.8	81.1	22.6	94.2	27.9	101	30.7	107	33.8	114	36.2	116	36.5
	37	68.0	18.9	81.1	24.0	94.2	29.7	101	32.7	107	36.0	112	37.4	114	37.7
	39	68.0	20.1	81.1	25.5	94.2	31.6	101	34.9	107	38.3	110	38.7	112	39.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (800)	10	60.5	9.85	72.1	11.8	83.8	13.9	89.6	14.9	95.4	16.0	107	18.3	119	20.6
	12	60.5	10.0	72.1	12.0	83.8	14.1	89.6	15.2	95.4	16.3	107	18.6	119	21.0
	14	60.5	10.2	72.1	12.2	83.8	14.4	89.6	15.5	95.4	16.6	107	19.0	119	21.4
	16	60.5	10.3	72.1	12.4	83.8	14.6	89.6	15.8	95.4	16.9	107	19.3	119	21.8
	18	60.5	10.5	72.1	12.7	83.8	14.9	89.6	16.1	95.4	17.3	107	19.7	119	22.2
	20	60.5	10.7	72.1	12.9	83.8	15.2	89.6	16.4	95.4	17.6	107	20.4	119	23.8
	21	60.5	10.8	72.1	13.0	83.8	15.4	89.6	16.6	95.4	18.0	107	21.2	119	24.6
	23	60.5	11.0	72.1	13.3	83.8	16.1	89.6	17.6	95.4	19.2	107	22.7	119	26.4
	25	60.5	11.4	72.1	14.1	83.8	17.2	89.6	18.8	95.4	20.6	107	24.3	119	28.3
	27	60.5	12.1	72.1	15.0	83.8	18.3	89.6	20.1	95.4	22.0	107	26.0	119	30.3
	29	60.5	12.8	72.1	16.0	83.8	19.5	89.6	21.5	95.4	23.4	107	27.7	119	32.3
	31	60.5	13.6	72.1	17.0	83.8	20.8	89.6	22.9	95.4	25.0	107	29.6	117	33.6
	33	60.5	14.5	72.1	18.1	83.8	22.2	89.6	24.3	95.4	26.6	107	31.6	115	34.9
	35	60.5	15.4	72.1	19.2	83.8	23.6	89.6	25.9	95.4	28.4	107	33.6	113	36.1
	37	60.5	16.3	72.1	20.4	83.8	25.1	89.6	27.6	95.4	30.2	107	35.8	111	37.4
	39	60.5	17.2	72.1	21.7	83.8	26.7	89.6	29.3	95.4	32.2	107	38.2	110	38.7
70% (700)	10	52.9	8.66	63.1	10.3	73.3	12.0	78.4	12.9	83.5	13.8	93.7	15.7	104	17.7
	12	52.9	8.79	63.1	10.4	73.3	12.2	78.4	13.1	83.5	14.1	93.7	16.0	104	18.0
	14	52.9	8.93	63.1	10.6	73.3	12.4	78.4	13.4	83.5	14.3	93.7	16.3	104	18.3
	16	52.9	9.07	63.1	10.8	73.3	12.6	78.4	13.6	83.5	14.6	93.7	16.6	104	18.7
	18	52.9	9.22	63.1	11.0	73.3	12.9	78.4	13.9	83.5	14.9	93.7	16.9	104	19.0
	20	52.9	9.38	63.1	11.2	73.3	13.1	78.4	14.1	83.5	15.1	93.7	17.3	104	19.6
	21	52.9	9.46	63.1	11.3	73.3	13.2	78.4	14.3	83.5	15.3	93.7	17.5	104	20.3
	23	52.9	9.62	63.1	11.5	73.3	13.5	78.4	14.7	83.5	16.0	93.7	18.8	104	21.7
	25	52.9	9.80	63.1	12.0	73.3	14.4	78.4	15.7	83.5	17.1	93.7	20.1	104	23.2
	27	52.9	10.4	63.1	12.7	73.3	15.4	78.4	16.8	83.5	18.3	93.7	21.4	104	24.8
	29	52.9	11.0	63.1	13.5	73.3	16.4	78.4	17.9	83.5	19.5	93.7	22.9	104	26.5
	31	52.9	11.7	63.1	14.4	73.3	17.4	78.4	19.0	83.5	20.7	93.7	24.4	104	28.3
	33	52.9	12.3	63.1	15.3	73.3	18.5	78.4	20.2	83.5	22.1	93.7	26.0	104	30.2
	35	52.9	13.1	63.1	16.2	73.3	19.7	78.4	21.5	83.5	23.5	93.7	27.6	104	32.1
	37	52.9	13.8	63.1	17.2	73.3	20.9	78.4	22.9	83.5	25.0	93.7	29.4	104	34.2
	39	52.9	14.6	63.1	18.2	73.3	22.2	78.4	24.3	83.5	26.5	93.7	31.3	104	36.5
60% (600)	10	45.3	7.54	54.1	8.84	62.8	10.2	67.2	11.0	71.6	11.7	80.3	13.2	89.1	14.8
	12	45.3	7.64	54.1	8.98	62.8	10.4	67.2	11.1	71.6	11.9	80.3	13.5	89.1	15.1
	14	45.3	7.75	54.1	9.12	62.8	10.6	67.2	11.3	71.6	12.1	80.3	13.7	89.1	15.4
	16	45.3	7.87	54.1	9.27	62.8	10.8	67.2	11.5	71.6	12.3	80.3	14.0	89.1	15.7
	18	45.3	7.99	54.1	9.42	62.8	10.9	67.2	11.7	71.6	12.6	80.3	14.2	89.1	16.0
	20	45.3	8.11	54.1	9.58	62.8	11.1	67.2	12.0	71.6	12.8	80.3	14.5	89.1	16.3
	21	45.3	8.18	54.1	9.66	62.8	11.2	67.2	12.1	71.6	12.9	80.3	14.7	89.1	16.5
	23	45.3	8.31	54.1	9.84	62.8	11.5	67.2	12.3	71.6	13.2	80.3	15.2	89.1	17.5
	25	45.3	8.45	54.1	10.0	62.8	11.9	67.2	12.9	71.6	14.0	80.3	16.3	89.1	18.7
	27	45.3	8.76	54.1	10.6	62.8	12.7	67.2	13.8	71.6	14.9	80.3	17.3	89.1	19.9
	29	45.3	9.28	54.1	11.3	62.8	13.5	67.2	14.6	71.6	15.9	80.3	18.5	89.1	21.3
	31	45.3	9.83	54.1	12.0	62.8	14.3	67.2	15.6	71.6	16.9	80.3	19.7	89.1	22.7
	33	45.3	10.4	54.1	12.7	62.8	15.2	67.2	16.5	71.6	17.9	80.3	20.9	89.1	24.1
	35	45.3	11.0	54.1	13.4	62.8	16.1	67.2	17.5	71.6	19.0	80.3	22.2	89.1	25.7
	37	45.3	11.6	54.1	14.2	62.8	17.1	67.2	18.6	71.6	20.2	80.3	23.6	89.1	27.3
	39	45.3	12.3	54.1	15.0	62.8	18.1	67.2	19.7	71.6	21.5	80.3	25.1	89.1	29.1
50% (500)	10	37.8	6.48	45.1	7.50	52.4	8.58	56.0	9.14	59.6	9.72	66.9	10.9	74.2	12.2
	12	37.8	6.56	45.1	7.60	52.4	8.71	56.0	9.28	59.6	9.87	66.9	11.1	74.2	12.4
	14	37.8	6.65	45.1	7.71	52.4	8.84	56.0	9.43	59.6	10.0	66.9	11.3	74.2	12.6
	16	37.8	6.74	45.1	7.83	52.4	8.98	56.0	9.59	59.6	10.2	66.9	11.5	74.2	12.8
	18	37.8	6.83	45.1	7.95	52.4	9.13	56.0	9.75	59.6	10.4	66.9	11.7	74.2	13.1
	20	37.8	6.93	45.1	8.07	52.4	9.28	56.0	9.92	59.6	10.6	66.9	11.9	74.2	13.3
	21	37.8	6.98	45.1	8.13	52.4	9.36	56.0	10.0	59.6	10.7	66.9	12.0	74.2	13.4
	23	37.8	7.08	45.1	8.27	52.4	9.53	56.0	10.2	59.6	10.9	66.9	12.2	74.2	13.7
	25	37.8	7.19	45.1	8.40	52.4	9.70	56.0	10.4	59.6	11.2	66.9	12.9	74.2	14.7
	27	37.8	7.31	45.1	8.70	52.4	10.2	56.0	11.0	59.6	11.9	66.9	13.7	74.2	15.6
	29	37.8	7.73	45.1	9.22	52.4	10.9	56.0	11.7	59.6	12.6	66.9	14.6	74.2	16.6
	31	37.8	8.17	45.1	9.76	52.4	11.5	56.0	12.4	59.6	13.4	66.9	15.5	74.2	17.7
	33	37.8	8.62	45.1	10.3	52.4	12.2	56.0	13.2	59.6	14.2	66.9	16.4	74.2	18.8
	35	37.8	9.10	45.1	10.9	52.4	12.9	56.0	14.0	59.6	15.1	66.9	17.5	74.2	20.0
	37	37.8	9.60	45.1	11.5	52.4	13.7	56.0	14.8	59.6	16.0	66.9	18.5	74.2	21.2
	39	37.8	10.1	45.1	12.2	52.4	14.5	56.0	15.7	59.6	17.0	66.9	19.6	74.2	22.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ42TSY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1365)	10	103	15.4	122	18.8	142	22.4	147	22.9	149	22.4	153	21.5	157	20.5
	12	103	15.7	122	19.2	142	22.8	145	22.8	147	22.3	151	21.3	155	21.0
	14	103	16.0	122	19.6	142	23.1	144	22.6	145	22.1	149	22.0	153	22.2
	16	103	16.3	122	19.9	140	23.0	142	22.8	143	22.9	147	23.2	151	23.4
	18	103	16.6	122	20.3	138	23.9	140	24.0	142	24.1	145	24.3	149	24.6
	20	103	16.9	122	21.7	136	25.0	138	25.2	140	25.3	143	25.5	147	25.8
	21	103	17.4	122	22.4	135	25.6	137	25.8	139	25.9	142	26.1	146	26.4
	23	103	18.6	122	24.0	133	26.8	135	26.9	137	27.1	141	27.3	144	27.6
	25	103	19.9	122	25.7	131	28.0	133	28.1	135	28.3	139	28.5	142	28.8
	27	103	21.3	122	27.5	129	29.1	131	29.3	133	29.4	137	29.8	140	30.1
	29	103	22.7	122	29.4	127	30.3	129	30.5	131	30.6	135	31.0	139	31.3
	31	103	24.2	122	31.2	126	31.5	127	31.7	129	31.9	133	32.2	137	32.5
	33	103	25.8	120	32.3	124	32.7	125	32.9	127	33.1	131	33.4	135	33.8
	35	103	27.5	118	33.5	122	33.9	124	34.1	125	34.3	129	34.7	133	35.0
	37	103	29.3	116	34.7	120	35.1	122	35.3	124	35.5	127	35.9	131	36.3
	39	103	31.2	114	35.9	118	36.3	120	36.5	122	36.7	125	37.2	129	37.6
120% (1260)	10	94.7	14.1	113	17.2	131	20.4	140	22.1	147	23.0	150	22.1	154	21.3
	12	94.7	14.3	113	17.5	131	20.8	140	22.5	145	22.9	148	22.0	152	21.1
	14	94.7	14.6	113	17.8	131	21.2	140	22.9	143	22.8	146	21.9	150	22.0
	16	94.7	14.9	113	18.2	131	21.6	139	23.1	141	22.8	145	23.0	148	23.2
	18	94.7	15.1	113	18.5	131	22.4	138	23.9	139	24.0	143	24.2	146	24.4
	20	94.7	15.4	113	19.3	131	24.0	136	25.0	137	25.1	141	25.4	144	25.6
	21	94.7	15.6	113	19.9	131	24.9	135	25.6	136	25.7	140	26.0	143	26.2
	23	94.7	16.7	113	21.4	131	26.6	133	26.8	135	26.9	138	27.1	141	27.4
	25	94.7	17.8	113	22.9	129	27.8	131	27.9	133	28.1	136	28.3	139	28.6
	27	94.7	19.0	113	24.5	127	29.0	129	29.1	131	29.3	134	29.5	138	29.8
	29	94.7	20.3	113	26.1	125	30.1	127	30.3	129	30.4	132	30.7	136	31.0
	31	94.7	21.6	113	27.9	123	31.3	125	31.5	127	31.6	130	32.0	134	32.3
	33	94.7	23.0	113	29.7	122	32.5	123	32.7	125	32.8	128	33.2	132	33.5
	35	94.7	24.5	113	31.7	120	33.7	121	33.9	123	34.0	127	34.4	130	34.7
	37	94.7	26.1	113	33.8	118	34.9	119	35.1	121	35.3	125	35.6	128	36.0
	39	94.7	27.7	112	35.7	116	36.1	118	36.3	119	36.5	123	36.9	126	37.3
110% (1155)	10	86.8	12.8	104	15.5	120	18.5	129	19.9	137	21.5	148	22.8	151	22.0
	12	86.8	13.0	104	15.8	120	18.8	129	20.3	137	21.9	146	22.7	149	21.9
	14	86.8	13.2	104	16.1	120	19.2	129	20.7	137	22.3	144	22.5	147	21.9
	16	86.8	13.5	104	16.4	120	19.5	129	21.1	137	22.7	142	22.8	145	23.0
	18	86.8	13.7	104	16.8	120	19.9	129	21.7	137	23.8	140	24.0	143	24.2
	20	86.8	14.0	104	17.1	120	21.1	129	23.3	135	25.0	138	25.2	141	25.4
	21	86.8	14.1	104	17.6	120	21.9	129	24.2	134	25.6	137	25.8	140	26.0
	23	86.8	14.8	104	18.9	120	23.4	129	25.9	132	26.7	135	27.0	138	27.2
	25	86.8	15.8	104	20.2	120	25.1	129	27.8	130	27.9	133	28.1	137	28.4
	27	86.8	16.9	104	21.5	120	26.8	127	28.9	128	29.1	132	29.3	135	29.6
	29	86.8	18.0	104	23.0	120	28.7	125	30.1	126	30.2	130	30.5	133	30.8
	31	86.8	19.1	104	24.5	120	30.6	123	31.3	125	31.4	128	31.7	131	32.0
	33	86.8	20.4	104	26.1	120	32.3	121	32.5	123	32.6	126	32.9	129	33.2
	35	86.8	21.7	104	27.9	118	33.5	119	33.6	121	33.8	124	34.1	127	34.4
	37	86.8	23.0	104	29.7	116	34.7	117	34.8	119	35.0	122	35.3	125	35.7
	39	86.8	24.5	104	31.6	114	35.8	115	36.0	117	36.2	120	36.6	123	36.9
100% (1050)	10	78.9	11.5	94.2	14.0	109	16.5	117	17.9	125	19.2	140	22.0	148	22.7
	12	78.9	11.7	94.2	14.2	109	16.8	117	18.2	125	19.6	140	22.4	146	22.6
	14	78.9	11.9	94.2	14.5	109	17.2	117	18.6	125	20.0	140	22.8	144	22.5
	16	78.9	12.1	94.2	14.8	109	17.5	117	18.9	125	20.3	139	23.1	142	22.9
	18	78.9	12.4	94.2	15.0	109	17.8	117	19.3	125	20.8	137	23.9	140	24.0
	20	78.9	12.6	94.2	15.3	109	18.4	117	20.3	125	22.2	136	25.0	138	25.2
	21	78.9	12.7	94.2	15.5	109	19.0	117	21.0	125	23.0	135	25.6	137	25.8
	23	78.9	13.1	94.2	16.5	109	20.4	117	22.5	125	24.7	133	26.8	136	27.0
	25	78.9	13.9	94.2	17.6	109	21.8	117	24.1	125	26.4	131	27.9	134	28.2
	27	78.9	14.8	94.2	18.8	109	23.3	117	25.7	125	28.3	129	29.1	132	29.3
	29	78.9	15.8	94.2	20.1	109	24.9	117	27.5	124	30.0	127	30.3	130	30.5
	31	78.9	16.8	94.2	21.4	109	26.6	117	29.4	122	31.2	125	31.5	128	31.7
	33	78.9	17.9	94.2	22.8	109	28.3	117	31.3	120	32.4	123	32.7	126	32.9
	35	78.9	19.0	94.2	24.3	109	30.2	117	33.4	118	33.6	121	33.9	124	34.1
	37	78.9	20.2	94.2	25.8	109	32.2	115	34.6	117	34.7	119	35.1	122	35.4
	39	78.9	21.5	94.2	27.5	109	34.3	113	35.8	115	35.9	117	36.3	120	36.6
90% (945)	10	71.1	10.3	84.7	12.4	98.4	14.7	105	15.8	112	17.0	126	19.4	140	21.9
	12	71.1	10.5	84.7	12.6	98.4	14.9	105	16.1	112	17.3	126	19.8	140	22.3
	14	71.1	10.7	84.7	12.9	98.4	15.2	105	16.4	112	17.7	126	20.2	140	22.8
	16	71.1	10.8	84.7	13.1	98.4	15.5	105	16.7	112	18.0	126	20.6	139	23.1
	18	71.1	11.0	84.7	13.4	98.4	15.8	105	17.1	112	18.4	126	21.0	137	23.8
	20	71.1	11.2	84.7	13.6	98.4	16.1	105	17.4	112	19.1	126	22.6	135	25.0
	21	71.1	11.3	84.7	13.8	98.4	16.4	105	18.0	112	19.7	126	23.4	135	25.6
	23	71.1	11.6	84.7	14.3	98.4	17.6	105	19.3	112	21.1	126	25.1	133	26.8
	25	71.1	12.2	84.7	15.3	98.4	18.8	105	20.6	112	22.6	126	26.8	131	27.9
	27	71.1	13.0	84.7	16.3	98.4	20.0	105	22.1	112	24.2	126	28.7	129	29.1
	29	71.1	13.8	84.7	17.4	98.4	21.4	105	23.6	112	25.8	124	30.1	127	30.3
	31	71.1	14.7	84.7	18.5	98.4	22.8	105	25.1	112	27.6	122	31.2	125	31.5
	33	71.1	15.6	84.7	19.7	98.4	24.3	105	26.8	112	29.4	121	32.4	123	32.7
	35	71.1	16.5	84.7	20.9	98.4	25.9	105	28.5	112	31.3	119	33.6	121	33.8
	37	71.1	17.6	84.7	22.3	98.4	27.5	105	30.4	112	33.4	117	34.8	119	35.0
	39	71.1	18.6	84.7	23.7	98.4	29.3	105	32.4	112	35.6	115	36.0	117	36.3

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (840)	10	63.2	9.15	75.3	11.0	87.5	12.9	93.6	13.9	99.7	14.9	112	17.0	124	19.1
	12	63.2	9.29	75.3	11.1	87.5	13.1	93.6	14.1	99.7	15.2	112	17.3	124	19.5
	14	63.2	9.45	75.3	11.3	87.5	13.3	93.6	14.4	99.7	15.4	112	17.6	124	19.9
	16	63.2	9.61	75.3	11.5	87.5	13.6	93.6	14.6	99.7	15.7	112	18.0	124	20.2
	18	63.2	9.77	75.3	11.8	87.5	13.8	93.6	14.9	99.7	16.0	112	18.3	124	20.6
	20	63.2	9.95	75.3	12.0	87.5	14.1	93.6	15.2	99.7	16.4	112	19.0	124	22.1
	21	63.2	10.0	75.3	12.1	87.5	14.3	93.6	15.4	99.7	16.7	112	19.7	124	22.9
	23	63.2	10.2	75.3	12.3	87.5	14.9	93.6	16.4	99.7	17.9	112	21.1	124	24.5
	25	63.2	10.6	75.3	13.1	87.5	16.0	93.6	17.5	99.7	19.1	112	22.5	124	26.3
	27	63.2	11.2	75.3	14.0	87.5	17.0	93.6	18.7	99.7	20.4	112	24.1	124	28.1
	29	63.2	11.9	75.3	14.9	87.5	18.1	93.6	19.9	99.7	21.8	112	25.7	124	30.0
	31	63.2	12.7	75.3	15.8	87.5	19.3	93.6	21.2	99.7	23.2	112	27.5	122	31.2
	33	63.2	13.4	75.3	16.8	87.5	20.6	93.6	22.6	99.7	24.7	112	29.3	120	32.4
	35	63.2	14.3	75.3	17.9	87.5	21.9	93.6	24.1	99.7	26.3	112	31.2	118	33.5
	37	63.2	15.1	75.3	19.0	87.5	23.3	93.6	25.6	99.7	28.0	112	33.3	116	34.7
	39	63.2	16.0	75.3	20.1	87.5	24.7	93.6	27.2	99.7	29.9	112	35.5	115	35.9
70% (735)	10	55.3	8.04	65.9	9.54	76.6	11.1	81.9	12.0	87.2	12.8	97.9	14.6	109	16.4
	12	55.3	8.16	65.9	9.70	76.6	11.3	81.9	12.2	87.2	13.1	97.9	14.8	109	16.7
	14	55.3	8.29	65.9	9.86	76.6	11.5	81.9	12.4	87.2	13.3	97.9	15.1	109	17.0
	16	55.3	8.43	65.9	10.0	76.6	11.7	81.9	12.6	87.2	13.5	97.9	15.4	109	17.3
	18	55.3	8.56	65.9	10.2	76.6	12.0	81.9	12.9	87.2	13.8	97.9	15.7	109	17.7
	20	55.3	8.71	65.9	10.4	76.6	12.2	81.9	13.1	87.2	14.1	97.9	16.0	109	18.2
	21	55.3	8.78	65.9	10.5	76.6	12.3	81.9	13.2	87.2	14.2	97.9	16.3	109	18.8
	23	55.3	8.94	65.9	10.7	76.6	12.6	81.9	13.7	87.2	14.9	97.9	17.4	109	20.2
	25	55.3	9.09	65.9	11.1	76.6	13.4	81.9	14.6	87.2	15.9	97.9	18.6	109	21.6
	27	55.3	9.61	65.9	11.8	76.6	14.3	81.9	15.6	87.2	17.0	97.9	19.9	109	23.1
	29	55.3	10.2	65.9	12.6	76.6	15.2	81.9	16.6	87.2	18.1	97.9	21.2	109	24.6
	31	55.3	10.8	65.9	13.3	76.6	16.2	81.9	17.7	87.2	19.2	97.9	22.6	109	26.3
	33	55.3	11.5	65.9	14.2	76.6	17.2	81.9	18.8	87.2	20.5	97.9	24.1	109	28.0
	35	55.3	12.1	65.9	15.0	76.6	18.2	81.9	20.0	87.2	21.8	97.9	25.7	109	29.8
	37	55.3	12.9	65.9	15.9	76.6	19.4	81.9	21.2	87.2	23.2	97.9	27.3	109	31.8
	39	55.3	13.6	65.9	16.9	76.6	20.6	81.9	22.6	87.2	24.6	97.9	29.1	109	33.9
60% (630)	10	47.4	7.00	56.5	8.21	65.6	9.50	70.2	10.2	74.8	10.9	83.9	12.3	93.0	13.8
	12	47.4	7.10	56.5	8.34	65.6	9.66	70.2	10.3	74.8	11.1	83.9	12.5	93.0	14.0
	14	47.4	7.20	56.5	8.47	65.6	9.82	70.2	10.5	74.8	11.2	83.9	12.7	93.0	14.3
	16	47.4	7.31	56.5	8.61	65.6	9.99	70.2	10.7	74.8	11.4	83.9	13.0	93.0	14.6
	18	47.4	7.42	56.5	8.75	65.6	10.2	70.2	10.9	74.8	11.7	83.9	13.2	93.0	14.8
	20	47.4	7.53	56.5	8.90	65.6	10.3	70.2	11.1	74.8	11.9	83.9	13.5	93.0	15.1
	21	47.4	7.59	56.5	8.97	65.6	10.4	70.2	11.2	74.8	12.0	83.9	13.6	93.0	15.3
	23	47.4	7.72	56.5	9.13	65.6	10.6	70.2	11.4	74.8	12.2	83.9	14.1	93.0	16.2
	25	47.4	7.85	56.5	9.30	65.6	11.0	70.2	12.0	74.8	13.0	83.9	15.1	93.0	17.4
	27	47.4	8.13	56.5	9.86	65.6	11.8	70.2	12.8	74.8	13.8	83.9	16.1	93.0	18.5
	29	47.4	8.62	56.5	10.5	65.6	12.5	70.2	13.6	74.8	14.7	83.9	17.1	93.0	19.7
	31	47.4	9.12	56.5	11.1	65.6	13.3	70.2	14.4	74.8	15.7	83.9	18.3	93.0	21.0
	33	47.4	9.65	56.5	11.8	65.6	14.1	70.2	15.3	74.8	16.6	83.9	19.4	93.0	22.4
	35	47.4	10.2	56.5	12.5	65.6	14.9	70.2	16.3	74.8	17.7	83.9	20.7	93.0	23.9
	37	47.4	10.8	56.5	13.2	65.6	15.9	70.2	17.3	74.8	18.8	83.9	22.0	93.0	25.4
	39	47.4	11.4	56.5	14.0	65.6	16.8	70.2	18.3	74.8	19.9	83.9	23.3	93.0	27.0
50% (525)	10	39.5	6.01	47.1	6.96	54.7	7.96	58.5	8.49	62.3	9.02	69.9	10.1	77.5	11.3
	12	39.5	6.09	47.1	7.06	54.7	8.08	58.5	8.62	62.3	9.17	69.9	10.3	77.5	11.5
	14	39.5	6.17	47.1	7.16	54.7	8.21	58.5	8.76	62.3	9.32	69.9	10.5	77.5	11.7
	16	39.5	6.25	47.1	7.27	54.7	8.34	58.5	8.90	62.3	9.48	69.9	10.7	77.5	11.9
	18	39.5	6.34	47.1	7.38	54.7	8.48	58.5	9.05	62.3	9.64	69.9	10.9	77.5	12.1
	20	39.5	6.43	47.1	7.49	54.7	8.62	58.5	9.21	62.3	9.81	69.9	11.1	77.5	12.3
	21	39.5	6.48	47.1	7.55	54.7	8.69	58.5	9.29	62.3	9.90	69.9	11.2	77.5	12.5
	23	39.5	6.58	47.1	7.68	54.7	8.84	58.5	9.45	62.3	10.1	69.9	11.4	77.5	12.8
	25	39.5	6.68	47.1	7.80	54.7	9.00	58.5	9.65	62.3	10.4	69.9	11.9	77.5	13.6
	27	39.5	6.78	47.1	8.08	54.7	9.50	58.5	10.3	62.3	11.0	69.9	12.7	77.5	14.5
	29	39.5	7.18	47.1	8.56	54.7	10.1	58.5	10.9	62.3	11.7	69.9	13.5	77.5	15.4
	31	39.5	7.58	47.1	9.06	54.7	10.7	58.5	11.6	62.3	12.5	69.9	14.4	77.5	16.4
	33	39.5	8.01	47.1	9.59	54.7	11.3	58.5	12.3	62.3	13.2	69.9	15.3	77.5	17.5
	35	39.5	8.45	47.1	10.1	54.7	12.0	58.5	13.0	62.3	14.0	69.9	16.2	77.5	18.6
	37	39.5	8.91	47.1	10.7	54.7	12.7	58.5	13.8	62.3	14.9	69.9	17.2	77.5	19.7
	39	39.5	9.40	47.1	11.3	54.7	13.4	58.5	14.6	62.3	15.7	69.9	18.2	77.5	20.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ44TSY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1430)	10	108	16.6	129	20.3	149	24.1	155	24.6	157	24.1	161	23.1	165	22.1
	12	108	16.9	129	20.7	149	24.6	153	24.5	155	24.0	159	23.0	163	22.6
	14	108	17.2	129	21.1	149	24.9	151	24.4	153	23.9	157	23.7	161	23.9
	16	108	17.5	129	21.5	147	24.8	149	24.6	151	24.7	155	25.0	159	25.2
	18	108	17.9	129	21.9	145	25.7	147	25.9	149	26.0	153	26.2	157	26.5
	20	108	18.2	129	23.3	143	27.0	145	27.1	147	27.3	151	27.5	155	27.8
	21	108	18.7	129	24.2	142	27.6	144	27.8	146	27.9	150	28.2	154	28.4
	23	108	20.1	129	25.9	140	28.9	142	29.0	144	29.2	148	29.5	152	29.8
	25	108	21.5	129	27.7	138	30.1	140	30.3	142	30.5	146	30.8	150	31.1
	27	108	22.9	129	29.7	136	31.4	138	31.6	140	31.7	144	32.1	148	32.4
	29	108	24.5	129	31.7	134	32.7	136	32.9	138	33.0	142	33.4	146	33.7
	31	108	26.1	128	33.6	132	34.0	134	34.1	136	34.3	140	34.7	144	35.1
	33	108	27.8	126	34.9	130	35.2	132	35.4	134	35.6	138	36.0	142	36.4
	35	108	29.6	124	36.1	128	36.5	130	36.7	132	36.9	136	37.4	140	37.8
	37	108	31.5	122	37.4	126	37.8	128	38.0	130	38.3	134	38.7	138	39.1
	39	108	33.6	120	38.7	124	39.1	126	39.4	128	39.6	132	40.1	136	40.5
120% (1320)	10	99.6	15.1	119	18.5	138	22.0	148	23.8	154	24.8	158	23.8	162	22.9
	12	99.6	15.4	119	18.8	138	22.4	148	24.2	152	24.7	156	23.7	160	22.7
	14	99.6	15.7	119	19.2	138	22.8	148	24.7	150	24.5	154	23.6	158	23.7
	16	99.6	16.0	119	19.6	138	23.3	147	24.9	148	24.6	152	24.8	156	25.0
	18	99.6	16.3	119	20.0	138	24.1	145	25.7	146	25.8	150	26.1	154	26.3
	20	99.6	16.6	119	20.8	138	25.9	143	27.0	144	27.1	148	27.3	152	27.6
	21	99.6	16.8	119	21.5	138	26.8	142	27.6	143	27.7	147	28.0	151	28.2
	23	99.6	17.9	119	23.0	138	28.7	140	28.8	141	29.0	145	29.3	149	29.5
	25	99.6	19.2	119	24.7	136	30.0	138	30.1	139	30.3	143	30.5	147	30.8
	27	99.6	20.5	119	26.4	134	31.2	136	31.4	137	31.5	141	31.8	145	32.1
	29	99.6	21.8	119	28.1	132	32.5	134	32.6	135	32.8	139	33.1	143	33.5
	31	99.6	23.3	119	30.0	130	33.8	132	33.9	133	34.1	137	34.4	141	34.8
	33	99.6	24.8	119	32.0	128	35.0	130	35.2	131	35.4	135	35.8	139	36.1
	35	99.6	26.4	119	34.2	126	36.3	128	36.5	129	36.7	133	37.1	137	37.5
	37	99.6	28.1	119	36.4	124	37.6	126	37.8	127	38.0	131	38.4	135	38.8
	39	99.6	29.9	118	38.5	122	38.9	124	39.1	125	39.3	129	39.7	133	40.2
110% (1210)	10	91.3	13.8	109	16.7	126	19.9	135	21.5	144	23.1	155	24.6	159	23.7
	12	91.3	14.0	109	17.1	126	20.3	135	21.9	144	23.6	153	24.4	157	23.6
	14	91.3	14.3	109	17.4	126	20.7	135	22.3	144	24.0	151	24.3	155	23.6
	16	91.3	14.5	109	17.7	126	21.1	135	22.8	144	24.5	149	24.6	153	24.8
	18	91.3	14.8	109	18.1	126	21.5	135	23.4	144	25.7	147	25.9	151	26.1
	20	91.3	15.1	109	18.4	126	22.7	135	25.1	142	26.9	145	27.1	149	27.4
	21	91.3	15.2	109	19.0	126	23.6	135	26.0	141	27.5	144	27.8	148	28.0
	23	91.3	15.9	109	20.3	126	25.3	135	27.9	139	28.8	142	29.0	146	29.3
	25	91.3	17.0	109	21.7	126	27.0	135	29.9	137	30.1	140	30.3	144	30.6
	27	91.3	18.2	109	23.2	126	28.9	133	31.2	135	31.3	138	31.6	142	31.9
	29	91.3	19.4	109	24.8	126	30.9	131	32.4	133	32.6	136	32.9	140	33.2
	31	91.3	20.6	109	26.4	126	33.0	129	33.7	131	33.9	134	34.2	138	34.5
	33	91.3	21.9	109	28.2	126	34.8	127	35.0	129	35.1	132	35.5	136	35.8
	35	91.3	23.3	109	30.0	124	36.1	125	36.3	127	36.4	130	36.8	134	37.1
	37	91.3	24.8	109	32.0	122	37.3	123	37.5	125	37.7	128	38.1	132	38.5
	39	91.3	26.4	109	34.0	120	38.6	121	38.8	123	39.0	126	39.4	130	39.8
100% (1100)	10	83.0	12.4	99.0	15.0	115	17.8	123	19.3	131	20.7	147	23.7	155	24.5
	12	83.0	12.6	99.0	15.3	115	18.2	123	19.6	131	21.1	147	24.1	153	24.4
	14	83.0	12.8	99.0	15.6	115	18.5	123	20.0	131	21.5	147	24.6	151	24.2
	16	83.0	13.1	99.0	15.9	115	18.9	123	20.4	131	21.9	147	24.9	149	24.6
	18	83.0	13.3	99.0	16.2	115	19.2	123	20.8	131	22.4	145	25.7	147	25.9
	20	83.0	13.6	99.0	16.5	115	19.8	123	21.8	131	24.0	142	27.0	145	27.2
	21	83.0	13.7	99.0	16.7	115	20.5	123	22.6	131	24.8	141	27.6	144	27.8
	23	83.0	14.1	99.0	17.8	115	22.0	123	24.2	131	26.6	139	28.8	142	29.1
	25	83.0	15.0	99.0	19.0	115	23.5	123	25.9	131	28.5	137	30.1	140	30.3
	27	83.0	16.0	99.0	20.3	115	25.1	123	27.7	131	30.5	135	31.4	138	31.6
	29	83.0	17.0	99.0	21.7	115	26.8	123	29.6	130	32.4	133	32.6	136	32.9
	31	83.0	18.1	99.0	23.1	115	28.6	123	31.6	128	33.6	131	33.9	134	34.2
	33	83.0	19.3	99.0	24.6	115	30.5	123	33.8	126	34.9	129	35.2	132	35.5
	35	83.0	20.5	99.0	26.2	115	32.5	123	36.0	124	36.2	127	36.5	130	36.8
	37	83.0	21.8	99.0	27.8	115	34.7	121	37.3	122	37.4	125	37.8	128	38.1
	39	83.0	23.1	99.0	29.6	115	36.9	119	38.5	120	38.7	123	39.1	126	39.4
90% (990)	10	74.7	11.1	89.1	13.4	103	15.8	111	17.1	118	18.3	132	21.0	147	23.6
	12	74.7	11.3	89.1	13.6	103	16.1	111	17.4	118	18.7	132	21.4	147	24.1
	14	74.7	11.5	89.1	13.9	103	16.4	111	17.7	118	19.0	132	21.8	147	24.5
	16	74.7	11.7	89.1	14.1	103	16.7	111	18.1	118	19.4	132	22.2	146	24.9
	18	74.7	11.9	89.1	14.4	103	17.0	111	18.4	118	19.8	132	22.6	144	25.7
	20	74.7	12.1	89.1	14.7	103	17.4	111	18.8	118	20.5	132	24.3	142	27.0
	21	74.7	12.2	89.1	14.8	103	17.7	111	19.4	118	21.3	132	25.2	141	27.6
	23	74.7	12.5	89.1	15.4	103	18.9	111	20.8	118	22.8	132	27.0	139	28.8
	25	74.7	13.1	89.1	16.5	103	20.2	111	22.3	118	24.4	132	28.9	137	30.1
	27	74.7	14.0	89.1	17.6	103	21.6	111	23.8	118	26.1	132	31.0	135	31.4
	29	74.7	14.9	89.1	18.7	103	23.0	111	25.4	118	27.8	131	32.4	133	32.6
	31	74.7	15.8	89.1	19.9	103	24.6	111	27.1	118	29.7	129	33.7	131	33.9
	33	74.7	16.8	89.1	21.2	103	26.2	111	28.9	118	31.7	127	34.9	129	35.2
	35	74.7	17.8	89.1	22.6	103	27.9	111	30.8	118	33.8	125	36.2	127	36.5
	37	74.7	18.9	89.1	24.0	103	29.7	111	32.8	118	36.0	123	37.5	125	37.8
	39	74.7	20.1	89.1	25.5	103	31.6	111	34.9	118	38.4	121	38.8	123	39.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (880)	10	66.4	9.86	79.2	11.8	92.0	13.9	98.4	14.9	105	16.0	118	18.3	130	20.6
	12	66.4	10.0	79.2	12.0	92.0	14.1	98.4	15.2	105	16.3	118	18.6	130	21.0
	14	66.4	10.2	79.2	12.2	92.0	14.4	98.4	15.5	105	16.6	118	19.0	130	21.4
	16	66.4	10.4	79.2	12.4	92.0	14.6	98.4	15.8	105	17.0	118	19.4	130	21.8
	18	66.4	10.5	79.2	12.7	92.0	14.9	98.4	16.1	105	17.3	118	19.7	130	22.2
	20	66.4	10.7	79.2	12.9	92.0	15.2	98.4	16.4	105	17.6	118	20.5	130	23.8
	21	66.4	10.8	79.2	13.0	92.0	15.4	98.4	16.6	105	18.0	118	21.2	130	24.7
	23	66.4	11.0	79.2	13.3	92.0	16.1	98.4	17.6	105	19.3	118	22.7	130	26.4
	25	66.4	11.4	79.2	14.1	92.0	17.2	98.4	18.9	105	20.6	118	24.3	130	28.3
	27	66.4	12.1	79.2	15.1	92.0	18.4	98.4	20.1	105	22.0	118	26.0	130	30.3
	29	66.4	12.9	79.2	16.0	92.0	19.6	98.4	21.5	105	23.5	118	27.7	130	32.4
	31	66.4	13.7	79.2	17.0	92.0	20.8	98.4	22.9	105	25.0	118	29.6	128	33.6
	33	66.4	14.5	79.2	18.1	92.0	22.2	98.4	24.4	105	26.7	118	31.6	126	34.9
	35	66.4	15.4	79.2	19.2	92.0	23.6	98.4	25.9	105	28.4	118	33.7	124	36.2
	37	66.4	16.3	79.2	20.4	92.0	25.1	98.4	27.6	105	30.2	118	35.9	122	37.4
	39	66.4	17.3	79.2	21.7	92.0	26.7	98.4	29.4	105	32.2	118	38.2	120	38.7
70% (770)	10	58.1	8.67	69.3	10.3	80.5	12.0	86.1	12.9	91.7	13.8	103	15.7	114	17.7
	12	58.1	8.80	69.3	10.5	80.5	12.2	86.1	13.1	91.7	14.1	103	16.0	114	18.0
	14	58.1	8.94	69.3	10.6	80.5	12.4	86.1	13.4	91.7	14.3	103	16.3	114	18.3
	16	58.1	9.08	69.3	10.8	80.5	12.7	86.1	13.6	91.7	14.6	103	16.6	114	18.7
	18	58.1	9.23	69.3	11.0	80.5	12.9	86.1	13.9	91.7	14.9	103	16.9	114	19.1
	20	58.1	9.38	69.3	11.2	80.5	13.1	86.1	14.1	91.7	15.2	103	17.3	114	19.6
	21	58.1	9.46	69.3	11.3	80.5	13.3	86.1	14.3	91.7	15.3	103	17.5	114	20.3
	23	58.1	9.63	69.3	11.5	80.5	13.5	86.1	14.8	91.7	16.0	103	18.8	114	21.7
	25	58.1	9.80	69.3	12.0	80.5	14.4	86.1	15.7	91.7	17.1	103	20.1	114	23.2
	27	58.1	10.4	69.3	12.7	80.5	15.4	86.1	16.8	91.7	18.3	103	21.4	114	24.8
	29	58.1	11.0	69.3	13.5	80.5	16.4	86.1	17.9	91.7	19.5	103	22.9	114	26.5
	31	58.1	11.7	69.3	14.4	80.5	17.4	86.1	19.0	91.7	20.7	103	24.4	114	28.3
	33	58.1	12.4	69.3	15.3	80.5	18.5	86.1	20.3	91.7	22.1	103	26.0	114	30.2
	35	58.1	13.1	69.3	16.2	80.5	19.7	86.1	21.5	91.7	23.5	103	27.7	114	32.2
	37	58.1	13.9	69.3	17.2	80.5	20.9	86.1	22.9	91.7	25.0	103	29.4	114	34.3
	39	58.1	14.7	69.3	18.2	80.5	22.2	86.1	24.3	91.7	26.5	103	31.3	114	36.5
60% (660)	10	49.8	7.54	59.4	8.85	69.0	10.2	73.8	11.0	78.6	11.7	88.2	13.2	97.8	14.8
	12	49.8	7.65	59.4	8.99	69.0	10.4	73.8	11.1	78.6	11.9	88.2	13.5	97.8	15.1
	14	49.8	7.76	59.4	9.13	69.0	10.6	73.8	11.3	78.6	12.1	88.2	13.7	97.8	15.4
	16	49.8	7.87	59.4	9.28	69.0	10.8	73.8	11.5	78.6	12.3	88.2	14.0	97.8	15.7
	18	49.8	7.99	59.4	9.43	69.0	11.0	73.8	11.7	78.6	12.6	88.2	14.2	97.8	16.0
	20	49.8	8.12	59.4	9.59	69.0	11.2	73.8	12.0	78.6	12.8	88.2	14.5	97.8	16.3
	21	49.8	8.19	59.4	9.67	69.0	11.3	73.8	12.1	78.6	12.9	88.2	14.7	97.8	16.5
	23	49.8	8.32	59.4	9.84	69.0	11.5	73.8	12.3	78.6	13.2	88.2	15.2	97.8	17.5
	25	49.8	8.46	59.4	10.0	69.0	11.9	73.8	12.9	78.6	14.0	88.2	16.3	97.8	18.7
	27	49.8	8.77	59.4	10.6	69.0	12.7	73.8	13.8	78.6	14.9	88.2	17.3	97.8	20.0
	29	49.8	9.29	59.4	11.3	69.0	13.5	73.8	14.6	78.6	15.9	88.2	18.5	97.8	21.3
	31	49.8	9.83	59.4	12.0	69.0	14.3	73.8	15.6	78.6	16.9	88.2	19.7	97.8	22.7
	33	49.8	10.4	59.4	12.7	69.0	15.2	73.8	16.5	78.6	17.9	88.2	20.9	97.8	24.2
	35	49.8	11.0	59.4	13.4	69.0	16.1	73.8	17.6	78.6	19.1	88.2	22.3	97.8	25.7
	37	49.8	11.6	59.4	14.2	69.0	17.1	73.8	18.6	78.6	20.2	88.2	23.7	97.8	27.4
	39	49.8	12.3	59.4	15.0	69.0	18.1	73.8	19.8	78.6	21.5	88.2	25.1	97.8	29.1
50% (550)	10	41.5	6.48	49.5	7.50	57.5	8.58	61.5	9.15	65.5	9.73	73.5	10.9	81.5	12.2
	12	41.5	6.56	49.5	7.61	57.5	8.71	61.5	9.29	65.5	9.88	73.5	11.1	81.5	12.4
	14	41.5	6.65	49.5	7.72	57.5	8.85	61.5	9.44	65.5	10.0	73.5	11.3	81.5	12.6
	16	41.5	6.74	49.5	7.83	57.5	8.99	61.5	9.59	65.5	10.2	73.5	11.5	81.5	12.8
	18	41.5	6.84	49.5	7.95	57.5	9.14	61.5	9.75	65.5	10.4	73.5	11.7	81.5	13.1
	20	41.5	6.93	49.5	8.08	57.5	9.29	61.5	9.92	65.5	10.6	73.5	11.9	81.5	13.3
	21	41.5	6.98	49.5	8.14	57.5	9.37	61.5	10.0	65.5	10.7	73.5	12.0	81.5	13.4
	23	41.5	7.09	49.5	8.27	57.5	9.53	61.5	10.2	65.5	10.9	73.5	12.3	81.5	13.7
	25	41.5	7.20	49.5	8.41	57.5	9.70	61.5	10.4	65.5	11.2	73.5	12.9	81.5	14.7
	27	41.5	7.31	49.5	8.71	57.5	10.2	61.5	11.1	65.5	11.9	73.5	13.7	81.5	15.6
	29	41.5	7.73	49.5	9.23	57.5	10.9	61.5	11.7	65.5	12.6	73.5	14.6	81.5	16.6
	31	41.5	8.17	49.5	9.77	57.5	11.5	61.5	12.5	65.5	13.4	73.5	15.5	81.5	17.7
	33	41.5	8.63	49.5	10.3	57.5	12.2	61.5	13.2	65.5	14.2	73.5	16.5	81.5	18.8
	35	41.5	9.11	49.5	10.9	57.5	12.9	61.5	14.0	65.5	15.1	73.5	17.5	81.5	20.0
	37	41.5	9.61	49.5	11.5	57.5	13.7	61.5	14.8	65.5	16.0	73.5	18.5	81.5	21.2
	39	41.5	10.1	49.5	12.2	57.5	14.5	61.5	15.7	65.5	17.0	73.5	19.7	81.5	22.6

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ46TSY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1495)	10	113	17.2	134	21.1	156	25.1	162	25.6	164	25.1	168	24.0	172	22.9
	12	113	17.5	134	21.5	156	25.5	160	25.5	162	24.9	166	23.9	170	23.5
	14	113	17.9	134	21.9	156	25.9	158	25.3	160	24.8	164	24.6	168	24.8
	16	113	18.2	134	22.3	154	25.7	156	25.6	158	25.7	162	25.9	166	26.2
	18	113	18.6	134	22.8	151	26.7	153	26.9	156	27.0	160	27.3	164	27.5
	20	113	18.9	134	24.2	149	28.0	151	28.2	153	28.3	157	28.6	162	28.9
	21	113	19.5	134	25.1	148	28.7	150	28.8	152	29.0	156	29.3	161	29.5
	23	113	20.8	134	26.9	146	30.0	148	30.1	150	30.3	154	30.6	158	30.9
	25	113	22.3	134	28.8	144	31.3	146	31.5	148	31.6	152	31.9	156	32.3
	27	113	23.8	134	30.8	142	32.6	144	32.8	146	33.0	150	33.3	154	33.6
	29	113	25.4	134	32.9	140	33.9	142	34.1	144	34.3	148	34.7	152	35.0
	31	113	27.1	134	34.9	138	35.3	140	35.5	142	35.7	146	36.0	150	36.4
	33	113	28.9	132	36.2	136	36.6	138	36.8	140	37.0	144	37.4	148	37.8
	35	113	30.8	130	37.5	134	37.9	136	38.2	138	38.4	142	38.8	146	39.2
	37	113	32.8	128	38.8	132	39.3	134	39.5	136	39.7	140	40.2	144	40.6
	39	113	34.9	125	40.2	129	40.6	132	40.9	134	41.1	138	41.6	142	42.1
120% (1380)	10	104	15.7	124	19.2	144	22.8	154	24.7	161	25.7	165	24.8	169	23.8
	12	104	16.0	124	19.6	144	23.3	154	25.2	159	25.6	163	24.6	167	23.6
	14	104	16.3	124	19.9	144	23.7	154	25.6	157	25.5	161	24.5	165	24.6
	16	104	16.6	124	20.3	144	24.2	153	25.8	155	25.5	159	25.7	163	26.0
	18	104	16.9	124	20.7	144	25.0	151	26.7	153	26.8	157	27.1	160	27.3
	20	104	17.3	124	21.6	144	26.9	149	28.0	151	28.1	155	28.4	158	28.6
	21	104	17.5	124	22.3	144	27.9	148	28.7	150	28.8	154	29.1	157	29.3
	23	104	18.6	124	23.9	144	29.8	146	30.0	148	30.1	151	30.4	155	30.7
	25	104	19.9	124	25.6	142	31.1	144	31.3	146	31.4	149	31.7	153	32.0
	27	104	21.3	124	27.4	140	32.4	142	32.6	144	32.7	147	33.1	151	33.4
	29	104	22.7	124	29.2	138	33.7	140	33.9	141	34.1	145	34.4	149	34.7
	31	104	24.2	124	31.2	136	35.1	137	35.2	139	35.4	143	35.8	147	36.1
	33	104	25.7	124	33.3	134	36.4	135	36.6	137	36.8	141	37.1	145	37.5
	35	104	27.4	124	35.5	131	37.7	133	37.9	135	38.1	139	38.5	143	38.9
	37	104	29.2	124	37.8	129	39.0	131	39.2	133	39.5	137	39.9	141	40.3
	39	104	31.0	123	39.9	127	40.4	129	40.6	131	40.8	135	41.3	139	41.7
110% (1265)	10	95.4	14.3	114	17.4	132	20.7	141	22.3	151	24.0	162	25.5	166	24.6
	12	95.4	14.5	114	17.7	132	21.0	141	22.8	151	24.5	160	25.4	164	24.5
	14	95.4	14.8	114	18.1	132	21.4	141	23.2	151	24.9	158	25.2	161	24.5
	16	95.4	15.1	114	18.4	132	21.9	141	23.6	151	25.4	156	25.6	159	25.8
	18	95.4	15.4	114	18.8	132	22.3	141	24.3	150	26.7	154	26.9	157	27.1
	20	95.4	15.7	114	19.1	132	23.6	141	26.1	148	28.0	152	28.2	155	28.4
	21	95.4	15.8	114	19.7	132	24.5	141	27.0	147	28.6	151	28.8	154	29.1
	23	95.4	16.6	114	21.1	132	26.2	141	29.0	145	29.9	149	30.2	152	30.4
	25	95.4	17.7	114	22.6	132	28.1	141	31.1	143	31.2	147	31.5	150	31.8
	27	95.4	18.9	114	24.1	132	30.0	139	32.4	141	32.5	144	32.8	148	33.1
	29	95.4	20.1	114	25.7	132	32.1	137	33.7	139	33.8	142	34.2	146	34.5
	31	95.4	21.4	114	27.5	132	34.3	135	35.0	137	35.2	140	35.5	144	35.8
	33	95.4	22.8	114	29.3	131	36.2	133	36.3	135	36.5	138	36.8	142	37.2
	35	95.4	24.2	114	31.2	129	37.5	131	37.6	133	37.8	136	38.2	140	38.6
	37	95.4	25.8	114	33.2	127	38.8	129	39.0	131	39.2	134	39.6	137	39.9
	39	95.4	27.4	114	35.4	125	40.1	127	40.3	128	40.5	132	40.9	135	41.3
100% (1150)	10	86.7	12.9	103	15.6	120	18.5	129	20.0	137	21.5	154	24.6	162	25.4
	12	86.7	13.1	103	15.9	120	18.9	129	20.4	137	21.9	154	25.1	160	25.3
	14	86.7	13.3	103	16.2	120	19.2	129	20.8	137	22.3	154	25.5	158	25.2
	16	86.7	13.6	103	16.5	120	19.6	129	21.2	137	22.8	153	25.9	156	25.6
	18	86.7	13.8	103	16.8	120	20.0	129	21.6	137	23.2	151	26.7	154	26.9
	20	86.7	14.1	103	17.2	120	20.6	129	22.7	137	24.9	149	28.0	152	28.2
	21	86.7	14.2	103	17.3	120	21.3	129	23.5	137	25.8	148	28.6	151	28.9
	23	86.7	14.6	103	18.5	120	22.8	129	25.2	137	27.6	146	30.0	149	30.2
	25	86.7	15.6	103	19.7	120	24.4	129	26.9	137	29.6	144	31.3	147	31.5
	27	86.7	16.6	103	21.1	120	26.1	129	28.8	137	31.7	142	32.6	145	32.8
	29	86.7	17.7	103	22.5	120	27.9	129	30.8	136	33.6	139	33.9	143	34.2
	31	86.7	18.8	103	24.0	120	29.7	129	32.9	134	34.9	137	35.2	140	35.5
	33	86.7	20.0	103	25.5	120	31.7	129	35.1	132	36.2	135	36.6	138	36.9
	35	86.7	21.3	103	27.2	120	33.8	129	37.4	130	37.6	133	37.9	136	38.2
	37	86.7	22.6	103	28.9	120	36.0	126	38.7	128	38.9	131	39.2	134	39.6
	39	86.7	24.0	103	30.8	120	38.4	124	40.0	126	40.2	129	40.6	132	41.0
90% (1035)	10	78.0	11.5	93.1	13.9	108	16.4	116	17.7	123	19.0	138	21.8	153	24.5
	12	78.0	11.7	93.1	14.2	108	16.7	116	18.1	123	19.4	138	22.2	153	25.0
	14	78.0	11.9	93.1	14.4	108	17.0	116	18.4	123	19.8	138	22.6	153	25.5
	16	78.0	12.1	93.1	14.7	108	17.4	116	18.7	123	20.2	138	23.0	153	25.9
	18	78.0	12.4	93.1	15.0	108	17.7	116	19.1	123	20.6	138	23.5	151	26.7
	20	78.0	12.6	93.1	15.2	108	18.1	116	19.5	123	21.3	138	25.3	149	28.0
	21	78.0	12.7	93.1	15.4	108	18.4	116	20.2	123	22.1	138	26.2	148	28.6
	23	78.0	12.9	93.1	16.0	108	19.7	116	21.6	123	23.7	138	28.1	146	29.9
	25	78.0	13.6	93.1	17.1	108	21.0	116	23.1	123	25.3	138	30.0	144	31.3
	27	78.0	14.5	93.1	18.3	108	22.4	116	24.7	123	27.1	138	32.1	141	32.6
	29	78.0	15.4	93.1	19.5	108	23.9	116	26.4	123	28.9	137	33.6	139	33.9
	31	78.0	16.4	93.1	20.7	108	25.5	116	28.1	123	30.9	135	34.9	137	35.2
	33	78.0	17.4	93.1	22.0	108	27.2	116	30.0	123	32.9	132	36.3	135	36.5
	35	78.0	18.5	93.1	23.4	108	29.0	116	31.9	123	35.1	130	37.6	133	37.9
	37	78.0	19.7	93.1	24.9	108	30.8	116	34.0	123	37.4	128	38.9	131	39.2
	39	78.0	20.9	93.1	26.5	108	32.8	116	36.2	123	39.8	126	40.2	129	40.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (920)	10	69.4	10.2	82.7	12.3	96.1	14.4	103	15.5	109	16.7	123	19.0	136	21.4
	12	69.4	10.4	82.7	12.5	96.1	14.7	103	15.8	109	17.0	123	19.4	136	21.8
	14	69.4	10.6	82.7	12.7	96.1	14.9	103	16.1	109	17.3	123	19.7	136	22.2
	16	69.4	10.8	82.7	12.9	96.1	15.2	103	16.4	109	17.6	123	20.1	136	22.7
	18	69.4	10.9	82.7	13.2	96.1	15.5	103	16.7	109	18.0	123	20.5	136	23.1
	20	69.4	11.1	82.7	13.4	96.1	15.8	103	17.0	109	18.3	123	21.3	136	24.7
	21	69.4	11.2	82.7	13.5	96.1	16.0	103	17.2	109	18.7	123	22.0	136	25.6
	23	69.4	11.4	82.7	13.8	96.1	16.7	103	18.3	109	20.0	123	23.6	136	27.4
	25	69.4	11.8	82.7	14.7	96.1	17.9	103	19.6	109	21.4	123	25.2	136	29.4
	27	69.4	12.6	82.7	15.6	96.1	19.1	103	20.9	109	22.8	123	27.0	136	31.4
	29	69.4	13.4	82.7	16.6	96.1	20.3	103	22.3	109	24.4	123	28.8	136	33.6
	31	69.4	14.2	82.7	17.7	96.1	21.6	103	23.8	109	26.0	123	30.7	134	34.9
	33	69.4	15.0	82.7	18.8	96.1	23.0	103	25.3	109	27.7	123	32.8	132	36.2
	35	69.4	16.0	82.7	20.0	96.1	24.5	103	26.9	109	29.5	123	35.0	130	37.5
	37	69.4	16.9	82.7	21.2	96.1	26.1	103	28.7	109	31.4	123	37.2	128	38.9
	39	69.4	17.9	82.7	22.5	96.1	27.7	103	30.5	109	33.4	123	39.7	126	40.2
70% (805)	10	60.7	9.00	72.4	10.7	84.1	12.5	89.9	13.4	95.8	14.4	108	16.3	119	18.3
	12	60.7	9.14	72.4	10.9	84.1	12.7	89.9	13.6	95.8	14.6	108	16.6	119	18.7
	14	60.7	9.28	72.4	11.0	84.1	12.9	89.9	13.9	95.8	14.9	108	16.9	119	19.0
	16	60.7	9.43	72.4	11.2	84.1	13.1	89.9	14.1	95.8	15.2	108	17.3	119	19.4
	18	60.7	9.59	72.4	11.4	84.1	13.4	89.9	14.4	95.8	15.4	108	17.6	119	19.8
	20	60.7	9.75	72.4	11.6	84.1	13.6	89.9	14.7	95.8	15.7	108	17.9	119	20.3
	21	60.7	9.83	72.4	11.7	84.1	13.8	89.9	14.8	95.8	15.9	108	18.2	119	21.1
	23	60.7	10.0	72.4	12.0	84.1	14.0	89.9	15.3	95.8	16.7	108	19.5	119	22.6
	25	60.7	10.2	72.4	12.4	84.1	15.0	89.9	16.4	95.8	17.8	108	20.8	119	24.1
	27	60.7	10.8	72.4	13.2	84.1	16.0	89.9	17.4	95.8	19.0	108	22.3	119	25.8
	29	60.7	11.4	72.4	14.1	84.1	17.0	89.9	18.6	95.8	20.2	108	23.7	119	27.6
	31	60.7	12.1	72.4	14.9	84.1	18.1	89.9	19.8	95.8	21.5	108	25.3	119	29.4
	33	60.7	12.8	72.4	15.9	84.1	19.2	89.9	21.0	95.8	22.9	108	27.0	119	31.3
	35	60.7	13.6	72.4	16.8	84.1	20.4	89.9	22.4	95.8	24.4	108	28.7	119	33.4
	37	60.7	14.4	72.4	17.8	84.1	21.7	89.9	23.8	95.8	25.9	108	30.6	119	35.6
	39	60.7	15.2	72.4	18.9	84.1	23.0	89.9	25.2	95.8	27.6	108	32.5	119	37.9
60% (690)	10	52.0	7.83	62.1	9.19	72.1	10.6	77.1	11.4	82.1	12.2	92.2	13.8	102	15.4
	12	52.0	7.94	62.1	9.33	72.1	10.8	77.1	11.6	82.1	12.4	92.2	14.0	102	15.7
	14	52.0	8.06	62.1	9.48	72.1	11.0	77.1	11.8	82.1	12.6	92.2	14.3	102	16.0
	16	52.0	8.18	62.1	9.63	72.1	11.2	77.1	12.0	82.1	12.8	92.2	14.5	102	16.3
	18	52.0	8.30	62.1	9.79	72.1	11.4	77.1	12.2	82.1	13.0	92.2	14.8	102	16.6
	20	52.0	8.43	62.1	9.96	72.1	11.6	77.1	12.4	82.1	13.3	92.2	15.1	102	16.9
	21	52.0	8.50	62.1	10.0	72.1	11.7	77.1	12.5	82.1	13.4	92.2	15.2	102	17.1
	23	52.0	8.64	62.1	10.2	72.1	11.9	77.1	12.8	82.1	13.7	92.2	15.8	102	18.2
	25	52.0	8.78	62.1	10.4	72.1	12.4	77.1	13.4	82.1	14.5	92.2	16.9	102	19.4
	27	52.0	9.10	62.1	11.0	72.1	13.2	77.1	14.3	82.1	15.5	92.2	18.0	102	20.7
	29	52.0	9.65	62.1	11.7	72.1	14.0	77.1	15.2	82.1	16.5	92.2	19.2	102	22.1
	31	52.0	10.2	62.1	12.4	72.1	14.9	77.1	16.2	82.1	17.5	92.2	20.4	102	23.6
	33	52.0	10.8	62.1	13.2	72.1	15.8	77.1	17.2	82.1	18.6	92.2	21.7	102	25.1
	35	52.0	11.4	62.1	13.9	72.1	16.7	77.1	18.2	82.1	19.8	92.2	23.1	102	26.7
	37	52.0	12.1	62.1	14.8	72.1	17.7	77.1	19.3	82.1	21.0	92.2	24.6	102	28.4
	39	52.0	12.8	62.1	15.6	72.1	18.8	77.1	20.5	82.1	22.3	92.2	26.1	102	30.2
50% (575)	10	43.4	6.73	51.7	7.79	60.1	8.91	64.2	9.50	68.4	10.1	76.8	11.3	85.1	12.6
	12	43.4	6.82	51.7	7.90	60.1	9.05	64.2	9.65	68.4	10.3	76.8	11.5	85.1	12.9
	14	43.4	6.91	51.7	8.01	60.1	9.19	64.2	9.80	68.4	10.4	76.8	11.7	85.1	13.1
	16	43.4	7.00	51.7	8.13	60.1	9.34	64.2	9.96	68.4	10.6	76.8	11.9	85.1	13.3
	18	43.4	7.10	51.7	8.26	60.1	9.49	64.2	10.1	68.4	10.8	76.8	12.2	85.1	13.6
	20	43.4	7.20	51.7	8.39	60.1	9.65	64.2	10.3	68.4	11.0	76.8	12.4	85.1	13.8
	21	43.4	7.25	51.7	8.45	60.1	9.73	64.2	10.4	68.4	11.1	76.8	12.5	85.1	14.0
	23	43.4	7.36	51.7	8.59	60.1	9.90	64.2	10.6	68.4	11.3	76.8	12.7	85.1	14.3
	25	43.4	7.47	51.7	8.73	60.1	10.1	64.2	10.8	68.4	11.6	76.8	13.4	85.1	15.2
	27	43.4	7.59	51.7	9.05	60.1	10.6	64.2	11.5	68.4	12.4	76.8	14.2	85.1	16.2
	29	43.4	8.03	51.7	9.58	60.1	11.3	64.2	12.2	68.4	13.1	76.8	15.1	85.1	17.3
	31	43.4	8.49	51.7	10.1	60.1	12.0	64.2	12.9	68.4	13.9	76.8	16.1	85.1	18.4
	33	43.4	8.96	51.7	10.7	60.1	12.7	64.2	13.7	68.4	14.8	76.8	17.1	85.1	19.5
	35	43.4	9.46	51.7	11.3	60.1	13.4	64.2	14.5	68.4	15.7	76.8	18.1	85.1	20.8
	37	43.4	9.98	51.7	12.0	60.1	14.2	64.2	15.4	68.4	16.6	76.8	19.2	85.1	22.1
	39	43.4	10.5	51.7	12.7	60.1	15.0	64.2	16.3	68.4	17.6	76.8	20.4	85.1	23.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ48TSY1 Cooling capacity (Te: 6°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1560)	10	117	18.3	140	22.4	162	26.7	168	27.2	170	26.7	174	25.6	179	24.4
	12	117	18.7	140	22.8	162	27.2	166	27.1	168	26.5	172	25.4	177	25.0
	14	117	19.0	140	23.3	162	27.5	164	27.0	166	26.4	170	26.2	174	26.4
	16	117	19.4	140	23.7	160	27.4	162	27.2	164	27.3	168	27.6	172	27.8
	18	117	19.8	140	24.2	157	28.4	159	28.6	162	28.7	166	29.0	170	29.3
	20	117	20.2	140	25.8	155	29.8	157	30.0	159	30.1	164	30.4	168	30.7
	21	117	20.7	140	26.7	154	30.5	156	30.7	158	30.8	163	31.1	167	31.4
	23	117	22.2	140	28.6	152	31.9	154	32.1	156	32.2	160	32.6	165	32.9
	25	117	23.7	140	30.7	150	33.3	152	33.5	154	33.7	158	34.0	162	34.3
	27	117	25.3	140	32.8	148	34.7	150	34.9	152	35.1	156	35.4	160	35.8
	29	117	27.0	140	35.1	145	36.1	148	36.3	150	36.5	154	36.9	158	37.3
	31	117	28.8	139	37.1	143	37.5	145	37.7	147	37.9	152	38.4	156	38.8
	33	117	30.7	137	38.5	141	38.9	143	39.2	145	39.4	150	39.8	154	40.2
	35	117	32.7	135	39.9	139	40.4	141	40.6	143	40.8	147	41.3	152	41.7
	37	117	34.9	132	41.3	137	41.8	139	42.1	141	42.3	145	42.8	149	43.3
	39	117	37.1	130	42.7	135	43.3	137	43.5	139	43.8	143	44.3	147	44.8
120% (1440)	10	108	16.7	129	20.4	150	24.3	160	26.3	168	27.4	171	26.4	175	25.3
	12	108	17.0	129	20.8	150	24.8	160	26.8	165	27.2	169	26.2	173	25.1
	14	108	17.4	129	21.2	150	25.2	160	27.3	163	27.1	167	26.0	171	26.2
	16	108	17.7	129	21.6	150	25.7	159	27.5	161	27.2	165	27.4	169	27.6
	18	108	18.0	129	22.1	150	26.6	157	28.4	159	28.5	163	28.8	167	29.1
	20	108	18.4	129	22.9	150	28.6	155	29.8	157	29.9	161	30.2	165	30.5
	21	108	18.6	129	23.8	150	29.7	154	30.5	156	30.6	160	30.9	163	31.2
	23	108	19.8	129	25.5	150	31.7	152	31.9	153	32.0	157	32.3	161	32.6
	25	108	21.2	129	27.2	147	33.1	149	33.3	151	33.4	155	33.8	159	34.1
	27	108	22.6	129	29.1	145	34.5	147	34.7	149	34.8	153	35.2	157	35.5
	29	108	24.1	129	31.1	143	35.9	145	36.1	147	36.3	151	36.6	155	37.0
	31	108	25.7	129	33.2	141	37.3	143	37.5	145	37.7	149	38.1	153	38.4
	33	108	27.4	129	35.4	139	38.7	141	38.9	143	39.1	147	39.5	150	39.9
	35	108	29.2	129	37.8	137	40.1	138	40.3	140	40.5	144	41.0	148	41.4
	37	108	31.0	129	40.2	134	41.5	136	41.8	138	42.0	142	42.4	146	42.9
	39	108	33.0	128	42.5	132	43.0	134	43.2	136	43.4	140	43.9	144	44.4
110% (1320)	10	99.1	15.2	118	18.5	137	22.0	147	23.8	156	25.6	169	27.1	172	26.2
	12	99.1	15.5	118	18.9	137	22.4	147	24.2	156	26.0	166	27.0	170	26.0
	14	99.1	15.8	118	19.2	137	22.8	147	24.7	156	26.5	164	26.9	168	26.0
	16	99.1	16.0	118	19.6	137	23.3	147	25.2	156	27.1	162	27.2	166	27.4
	18	99.1	16.4	118	20.0	137	23.7	147	25.8	156	28.4	160	28.6	163	28.8
	20	99.1	16.7	118	20.4	137	25.1	147	27.8	154	29.7	158	30.0	161	30.3
	21	99.1	16.8	118	21.0	137	26.0	147	28.8	153	30.4	157	30.7	160	31.0
	23	99.1	17.6	118	22.5	137	27.9	147	30.9	151	31.8	154	32.1	158	32.4
	25	99.1	18.8	118	24.0	137	29.9	147	33.1	149	33.2	152	33.5	156	33.8
	27	99.1	20.1	118	25.7	137	32.0	145	34.5	146	34.6	150	34.9	154	35.2
	29	99.1	21.4	118	27.4	137	34.2	143	35.9	144	36.0	148	36.3	151	36.7
	31	99.1	22.8	118	29.2	137	36.5	140	37.3	142	37.4	146	37.8	149	38.1
	33	99.1	24.3	118	31.1	136	38.5	138	38.7	140	38.8	144	39.2	147	39.6
	35	99.1	25.8	118	33.2	134	39.9	136	40.1	138	40.3	141	40.6	145	41.0
	37	99.1	27.4	118	35.3	132	41.3	134	41.5	136	41.7	139	42.1	143	42.5
	39	99.1	29.2	118	37.6	130	42.7	132	42.9	133	43.1	137	43.5	141	44.0
100% (1200)	10	90.1	13.7	107	16.6	125	19.7	134	21.3	142	22.9	160	26.2	169	27.1
	12	90.1	13.9	107	16.9	125	20.1	134	21.7	142	23.3	160	26.7	167	26.9
	14	90.1	14.2	107	17.2	125	20.4	134	22.1	142	23.8	160	27.2	164	26.8
	16	90.1	14.5	107	17.6	125	20.8	134	22.5	142	24.2	159	27.5	162	27.2
	18	90.1	14.7	107	17.9	125	21.3	134	23.0	142	24.7	157	28.4	160	28.6
	20	90.1	15.0	107	18.3	125	21.9	134	24.1	142	26.5	155	29.8	158	30.0
	21	90.1	15.1	107	18.4	125	22.7	134	25.0	142	27.4	154	30.5	157	30.7
	23	90.1	15.5	107	19.7	125	24.3	134	26.8	142	29.4	151	31.9	155	32.1
	25	90.1	16.6	107	21.0	125	26.0	134	28.7	142	31.5	149	33.3	152	33.5
	27	90.1	17.7	107	22.4	125	27.8	134	30.7	142	33.7	147	34.7	150	34.9
	29	90.1	18.8	107	23.9	125	29.7	134	32.8	142	35.8	145	36.1	148	36.4
	31	90.1	20.0	107	25.5	125	31.6	134	35.0	139	37.2	143	37.5	146	37.8
	33	90.1	21.3	107	27.2	125	33.7	134	37.3	137	38.6	141	38.9	144	39.2
	35	90.1	22.6	107	28.9	125	36.0	134	39.8	135	40.0	138	40.3	142	40.7
	37	90.1	24.1	107	30.8	125	38.3	131	41.2	133	41.4	136	41.8	139	42.1
	39	90.1	25.6	107	32.7	125	40.8	129	42.6	131	42.8	134	43.2	137	43.6
90% (1080)	10	81.1	12.3	96.7	14.8	112	17.5	120	18.9	128	20.3	144	23.2	159	26.1
	12	81.1	12.5	96.7	15.1	112	17.8	120	19.2	128	20.7	144	23.6	159	26.6
	14	81.1	12.7	96.7	15.3	112	18.1	120	19.6	128	21.0	144	24.0	159	27.1
	16	81.1	12.9	96.7	15.6	112	18.5	120	19.9	128	21.5	144	24.5	159	27.5
	18	81.1	13.2	96.7	15.9	112	18.8	120	20.3	128	21.9	144	25.0	157	28.4
	20	81.1	13.4	96.7	16.2	112	19.2	120	20.7	128	22.7	144	26.9	155	29.8
	21	81.1	13.5	96.7	16.4	112	19.5	120	21.5	128	23.5	144	27.8	154	30.5
	23	81.1	13.8	96.7	17.1	112	20.9	120	23.0	128	25.2	144	29.9	151	31.9
	25	81.1	14.5	96.7	18.2	112	22.4	120	24.6	128	26.9	144	32.0	149	33.3
	27	81.1	15.4	96.7	19.4	112	23.9	120	26.3	128	28.8	144	34.2	147	34.7
	29	81.1	16.4	96.7	20.7	112	25.5	120	28.1	128	30.8	142	35.8	145	36.1
	31	81.1	17.5	96.7	22.0	112	27.2	120	29.9	128	32.8	140	37.2	143	37.5
	33	81.1	18.6	96.7	23.5	112	28.9	120	31.9	128	35.0	138	38.6	140	38.9
	35	81.1	19.7	96.7	24.9	112	30.8	120	34.0	128	37.3	135	40.0	138	40.3
	37	81.1	20.9	96.7	26.5	112	32.8	120	36.2	128	39.8	133	41.4	136	41.7
	39	81.1	22.2	96.7	28.2	112	34.9	120	38.5	128	42.4	131	42.8	134	43.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (960)	10	72.1	10.9	86.0	13.0	99.8	15.3	107	16.5	114	17.7	128	20.2	142	22.8
	12	72.1	11.1	86.0	13.3	99.8	15.6	107	16.8	114	18.1	128	20.6	142	23.2
	14	72.1	11.3	86.0	13.5	99.8	15.9	107	17.1	114	18.4	128	21.0	142	23.6
	16	72.1	11.4	86.0	13.7	99.8	16.2	107	17.4	114	18.7	128	21.4	142	24.1
	18	72.1	11.6	86.0	14.0	99.8	16.5	107	17.8	114	19.1	128	21.8	142	24.6
	20	72.1	11.8	86.0	14.3	99.8	16.8	107	18.1	114	19.5	128	22.6	142	26.3
	21	72.1	12.0	86.0	14.4	99.8	17.0	107	18.3	114	19.9	128	23.4	142	27.2
	23	72.1	12.2	86.0	14.7	99.8	17.8	107	19.5	114	21.3	128	25.1	142	29.2
	25	72.1	12.6	86.0	15.6	99.8	19.0	107	20.8	114	22.8	128	26.8	142	31.3
	27	72.1	13.4	86.0	16.6	99.8	20.3	107	22.2	114	24.3	128	28.7	142	33.5
	29	72.1	14.2	86.0	17.7	99.8	21.6	107	23.7	114	25.9	128	30.7	142	35.8
	31	72.1	15.1	86.0	18.8	99.8	23.0	107	25.3	114	27.7	128	32.7	139	37.2
	33	72.1	16.0	86.0	20.0	99.8	24.5	107	26.9	114	29.5	128	34.9	137	38.6
	35	72.1	17.0	86.0	21.3	99.8	26.1	107	28.7	114	31.4	128	37.2	135	40.0
	37	72.1	18.0	86.0	22.6	99.8	27.7	107	30.5	114	33.4	128	39.6	133	41.4
	39	72.1	19.1	86.0	24.0	99.8	29.5	107	32.4	114	35.6	128	42.2	131	42.8
70% (840)	10	63.1	9.58	75.2	11.4	87.4	13.3	93.4	14.3	99.5	15.3	112	17.4	124	19.5
	12	63.1	9.72	75.2	11.6	87.4	13.5	93.4	14.5	99.5	15.5	112	17.7	124	19.9
	14	63.1	9.88	75.2	11.7	87.4	13.7	93.4	14.8	99.5	15.8	112	18.0	124	20.3
	16	63.1	10.0	75.2	12.0	87.4	14.0	93.4	15.0	99.5	16.1	112	18.4	124	20.7
	18	63.1	10.2	75.2	12.2	87.4	14.2	93.4	15.3	99.5	16.4	112	18.7	124	21.1
	20	63.1	10.4	75.2	12.4	87.4	14.5	93.4	15.6	99.5	16.8	112	19.1	124	21.7
	21	63.1	10.5	75.2	12.5	87.4	14.6	93.4	15.8	99.5	16.9	112	19.4	124	22.4
	23	63.1	10.6	75.2	12.7	87.4	14.9	93.4	16.3	99.5	17.7	112	20.8	124	24.0
	25	63.1	10.8	75.2	13.2	87.4	15.9	93.4	17.4	99.5	18.9	112	22.2	124	25.7
	27	63.1	11.5	75.2	14.1	87.4	17.0	93.4	18.6	99.5	20.2	112	23.7	124	27.5
	29	63.1	12.2	75.2	15.0	87.4	18.1	93.4	19.8	99.5	21.5	112	25.3	124	29.3
	31	63.1	12.9	75.2	15.9	87.4	19.2	93.4	21.0	99.5	22.9	112	26.9	124	31.3
	33	63.1	13.7	75.2	16.9	87.4	20.5	93.4	22.4	99.5	24.4	112	28.7	124	33.4
	35	63.1	14.5	75.2	17.9	87.4	21.7	93.4	23.8	99.5	26.0	112	30.6	124	35.6
	37	63.1	15.3	75.2	19.0	87.4	23.1	93.4	25.3	99.5	27.6	112	32.5	124	37.9
	39	63.1	16.2	75.2	20.1	87.4	24.5	93.4	26.9	99.5	29.3	112	34.6	124	40.3
60% (720)	10	54.1	8.33	64.5	9.78	74.9	11.3	80.1	12.1	85.3	12.9	95.7	14.6	106	16.4
	12	54.1	8.45	64.5	9.93	74.9	11.5	80.1	12.3	85.3	13.2	95.7	14.9	106	16.7
	14	54.1	8.57	64.5	10.1	74.9	11.7	80.1	12.5	85.3	13.4	95.7	15.2	106	17.0
	16	54.1	8.70	64.5	10.3	74.9	11.9	80.1	12.8	85.3	13.6	95.7	15.4	106	17.3
	18	54.1	8.84	64.5	10.4	74.9	12.1	80.1	13.0	85.3	13.9	95.7	15.7	106	17.7
	20	54.1	8.97	64.5	10.6	74.9	12.3	80.1	13.2	85.3	14.1	95.7	16.0	106	18.0
	21	54.1	9.05	64.5	10.7	74.9	12.4	80.1	13.3	85.3	14.3	95.7	16.2	106	18.2
	23	54.1	9.19	64.5	10.9	74.9	12.7	80.1	13.6	85.3	14.6	95.7	16.8	106	19.3
	25	54.1	9.35	64.5	11.1	74.9	13.2	80.1	14.3	85.3	15.5	95.7	18.0	106	20.7
	27	54.1	9.69	64.5	11.7	74.9	14.0	80.1	15.2	85.3	16.5	95.7	19.2	106	22.1
	29	54.1	10.3	64.5	12.5	74.9	14.9	80.1	16.2	85.3	17.5	95.7	20.4	106	23.5
	31	54.1	10.9	64.5	13.2	74.9	15.8	80.1	17.2	85.3	18.7	95.7	21.7	106	25.1
	33	54.1	11.5	64.5	14.0	74.9	16.8	80.1	18.3	85.3	19.8	95.7	23.1	106	26.7
	35	54.1	12.2	64.5	14.8	74.9	17.8	80.1	19.4	85.3	21.1	95.7	24.6	106	28.4
	37	54.1	12.8	64.5	15.7	74.9	18.9	80.1	20.6	85.3	22.4	95.7	26.2	106	30.2
	39	54.1	13.6	64.5	16.6	74.9	20.0	80.1	21.8	85.3	23.7	95.7	27.8	106	32.2
50% (600)	10	45.0	7.16	53.7	8.29	62.4	9.49	66.7	10.1	71.1	10.7	79.8	12.1	88.5	13.4
	12	45.0	7.25	53.7	8.41	62.4	9.63	66.7	10.3	71.1	10.9	79.8	12.3	88.5	13.7
	14	45.0	7.35	53.7	8.53	62.4	9.78	66.7	10.4	71.1	11.1	79.8	12.5	88.5	13.9
	16	45.0	7.45	53.7	8.66	62.4	9.94	66.7	10.6	71.1	11.3	79.8	12.7	88.5	14.2
	18	45.0	7.55	53.7	8.79	62.4	10.1	66.7	10.8	71.1	11.5	79.8	12.9	88.5	14.4
	20	45.0	7.66	53.7	8.92	62.4	10.3	66.7	11.0	71.1	11.7	79.8	13.2	88.5	14.7
	21	45.0	7.72	53.7	9.00	62.4	10.4	66.7	11.1	71.1	11.8	79.8	13.3	88.5	14.8
	23	45.0	7.83	53.7	9.14	62.4	10.5	66.7	11.3	71.1	12.0	79.8	13.5	88.5	15.2
	25	45.0	7.95	53.7	9.29	62.4	10.7	66.7	11.5	71.1	12.4	79.8	14.2	88.5	16.2
	27	45.0	8.08	53.7	9.63	62.4	11.3	66.7	12.2	71.1	13.2	79.8	15.1	88.5	17.3
	29	45.0	8.55	53.7	10.2	62.4	12.0	66.7	13.0	71.1	14.0	79.8	16.1	88.5	18.4
	31	45.0	9.03	53.7	10.8	62.4	12.7	66.7	13.8	71.1	14.8	79.8	17.1	88.5	19.6
	33	45.0	9.54	53.7	11.4	62.4	13.5	66.7	14.6	71.1	15.7	79.8	18.2	88.5	20.8
	35	45.0	10.1	53.7	12.1	62.4	14.3	66.7	15.5	71.1	16.7	79.8	19.3	88.5	22.1
	37	45.0	10.6	53.7	12.8	62.4	15.1	66.7	16.4	71.1	17.7	79.8	20.5	88.5	23.5
	39	45.0	11.2	53.7	13.5	62.4	16.0	66.7	17.3	71.1	18.7	79.8	21.7	88.5	24.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ50TSY1 Cooling capacity (Te: 6ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1625)	10	122	19.5	146	23.9	170	28.4	176	29.0	178	28.4	182	27.2	187	26.0
	12	122	19.9	146	24.3	170	29.0	173	28.9	176	28.3	180	27.0	184	26.6
	14	122	20.3	146	24.8	169	29.3	171	28.7	173	28.1	178	27.9	182	28.1
	16	122	20.6	146	25.3	167	29.2	169	29.0	171	29.1	176	29.4	180	29.7
	18	122	21.0	146	25.8	164	30.3	167	30.4	169	30.6	173	30.9	178	31.2
	20	122	21.5	146	27.5	162	31.8	164	31.9	167	32.1	171	32.4	175	32.7
	21	122	22.1	146	28.5	161	32.5	163	32.7	165	32.8	170	33.2	174	33.5
	23	122	23.6	146	30.5	159	34.0	161	34.2	163	34.3	168	34.7	172	35.0
	25	122	25.3	146	32.7	156	35.5	159	35.7	161	35.9	165	36.2	170	36.6
	27	122	27.0	146	34.9	154	37.0	156	37.2	159	37.4	163	37.8	167	38.1
	29	122	28.8	146	37.3	152	38.5	154	38.7	156	38.9	161	39.3	165	39.7
	31	122	30.7	145	39.5	150	40.0	152	40.2	154	40.4	158	40.9	163	41.3
	33	122	32.7	143	41.0	147	41.5	150	41.7	152	42.0	156	42.4	161	42.9
	35	122	34.9	141	42.5	145	43.0	147	43.3	150	43.5	154	44.0	158	44.5
	37	122	37.1	138	44.0	143	44.5	145	44.8	147	45.1	152	45.6	156	46.1
	39	122	39.5	136	45.5	141	46.1	143	46.3	145	46.6	149	47.2	154	47.7
120% (1500)	10	113	17.8	135	21.8	156	25.9	167	28.0	175	29.2	179	28.1	183	27.0
	12	113	18.2	135	22.2	156	26.4	167	28.5	173	29.0	177	27.9	181	26.8
	14	113	18.5	135	22.6	156	26.9	167	29.1	171	28.9	175	27.7	179	27.9
	16	113	18.8	135	23.1	156	27.4	166	29.3	168	28.9	172	29.2	176	29.4
	18	113	19.2	135	23.5	156	28.4	164	30.3	166	30.4	170	30.7	174	31.0
	20	113	19.6	135	24.4	156	30.5	162	31.7	164	31.9	168	32.2	172	32.5
	21	113	19.8	135	25.3	156	31.6	161	32.5	163	32.6	167	32.9	171	33.2
	23	113	21.1	135	27.1	156	33.8	158	34.0	160	34.1	164	34.4	169	34.8
	25	113	22.6	135	29.0	154	35.3	156	35.4	158	35.6	162	36.0	166	36.3
	27	113	24.1	135	31.0	152	36.8	154	36.9	156	37.1	160	37.5	164	37.8
	29	113	25.7	135	33.1	149	38.2	152	38.4	154	38.6	158	39.0	162	39.4
	31	113	27.4	135	35.4	147	39.7	149	39.9	151	40.1	155	40.5	159	40.9
	33	113	29.2	135	37.7	145	41.2	147	41.5	149	41.7	153	42.1	157	42.5
	35	113	31.1	135	40.2	143	42.7	145	43.0	147	43.2	151	43.6	155	44.1
	37	113	33.1	135	42.9	140	44.3	142	44.5	144	44.7	149	45.2	153	45.7
	39	113	35.2	134	45.3	138	45.8	140	46.0	142	46.3	146	46.8	150	47.3
110% (1375)	10	104	16.2	123	19.7	143	23.4	153	25.3	163	27.2	176	28.9	180	27.9
	12	104	16.5	123	20.1	143	23.9	153	25.8	163	27.7	174	28.8	178	27.7
	14	104	16.8	123	20.5	143	24.3	153	26.3	163	28.3	172	28.6	175	27.7
	16	104	17.1	123	20.9	143	24.8	153	26.8	163	28.8	169	29.0	173	29.2
	18	104	17.4	123	21.3	143	25.3	153	27.5	163	30.2	167	30.5	171	30.7
	20	104	17.8	123	21.7	143	26.8	153	29.6	161	31.7	165	32.0	168	32.2
	21	104	17.9	123	22.4	143	27.7	153	30.7	160	32.4	164	32.7	167	33.0
	23	104	18.8	123	23.9	143	29.7	153	32.9	158	33.9	161	34.2	165	34.5
	25	104	20.0	123	25.6	143	31.8	153	35.2	155	35.4	159	35.7	163	36.0
	27	104	21.4	123	27.3	143	34.1	151	36.7	153	36.9	157	37.2	161	37.5
	29	104	22.8	123	29.2	143	36.4	149	38.2	151	38.4	155	38.7	158	39.1
	31	104	24.3	123	31.1	143	38.9	147	39.7	149	39.9	152	40.2	156	40.6
	33	104	25.8	123	33.2	143	41.0	144	41.2	146	41.4	150	41.8	154	42.2
	35	104	27.5	123	35.4	140	42.5	142	42.7	144	42.9	148	43.3	151	43.7
	37	104	29.2	123	37.6	138	44.0	140	44.2	142	44.4	145	44.8	149	45.3
	39	104	31.1	123	40.1	136	45.5	138	45.7	139	45.9	143	46.4	147	46.9
100% (1250)	10	94.1	14.6	112	17.7	130	21.0	140	22.7	149	24.4	167	27.9	176	28.8
	12	94.1	14.9	112	18.0	130	21.4	140	23.1	149	24.8	167	28.4	174	28.7
	14	94.1	15.1	112	18.4	130	21.8	140	23.5	149	25.3	167	28.9	172	28.5
	16	94.1	15.4	112	18.7	130	22.2	140	24.0	149	25.8	166	29.3	170	29.0
	18	94.1	15.7	112	19.1	130	22.6	140	24.5	149	26.3	164	30.3	167	30.5
	20	94.1	16.0	112	19.5	130	23.3	140	25.7	149	28.2	162	31.7	165	32.0
	21	94.1	16.1	112	19.6	130	24.2	140	26.6	149	29.2	160	32.5	164	32.7
	23	94.1	16.6	112	21.0	130	25.9	140	28.5	149	31.3	158	34.0	162	34.2
	25	94.1	17.7	112	22.4	130	27.7	140	30.5	149	33.6	156	35.4	159	35.7
	27	94.1	18.8	112	23.9	130	29.6	140	32.7	149	35.9	154	36.9	157	37.2
	29	94.1	20.1	112	25.5	130	31.6	140	34.9	148	38.1	151	38.4	155	38.7
	31	94.1	21.3	112	27.2	130	33.7	140	37.2	146	39.6	149	39.9	153	40.3
	33	94.1	22.7	112	28.9	130	35.9	140	39.7	143	41.1	147	41.4	150	41.8
	35	94.1	24.1	112	30.8	130	38.3	140	42.4	141	42.6	145	43.0	148	43.3
	37	94.1	25.6	112	32.8	130	40.8	137	43.9	139	44.1	142	44.5	146	44.9
	39	94.1	27.2	112	34.9	130	43.5	135	45.4	137	45.6	140	46.0	143	46.4
90% (1125)	10	84.7	13.1	101	15.8	117	18.6	126	20.1	134	21.6	150	24.7	166	27.8
	12	84.7	13.3	101	16.0	117	19.0	126	20.5	134	22.0	150	25.1	166	28.3
	14	84.7	13.5	101	16.3	117	19.3	126	20.9	134	22.4	150	25.6	166	28.9
	16	84.7	13.8	101	16.6	117	19.7	126	21.3	134	22.9	150	26.1	166	29.3
	18	84.7	14.0	101	17.0	117	20.1	126	21.7	134	23.3	150	26.6	164	30.3
	20	84.7	14.3	101	17.3	117	20.5	126	22.1	134	24.2	150	28.6	162	31.7
	21	84.7	14.4	101	17.5	117	20.8	126	22.9	134	25.0	150	29.7	160	32.5
	23	84.7	14.7	101	18.2	117	22.3	126	24.5	134	26.8	150	31.8	158	33.9
	25	84.7	15.5	101	19.4	117	23.8	126	26.2	134	28.7	150	34.1	156	35.4
	27	84.7	16.5	101	20.7	117	25.4	126	28.0	134	30.7	150	36.4	154	36.9
	29	84.7	17.5	101	22.1	117	27.1	126	29.9	134	32.8	148	38.1	151	38.4
	31	84.7	18.6	101	23.5	117	28.9	126	31.9	134	35.0	146	39.6	149	39.9
	33	84.7	19.8	101	25.0	117	30.8	126	34.0	134	37.3	144	41.1	147	41.4
	35	84.7	21.0	101	26.6	117	32.8	126	36.2	134	39.8	141	42.6	145	42.9
	37	84.7	22.3	101	28.2	117	34.9	126	38.6	134	42.4	139	44.1	142	44.5
	39	84.7	23.6	101	30.0	117	37.2	126	41.1	134	45.2	137	45.6	140	46.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1000)	10	75.3	11.6	89.8	13.9	104	16.3	112	17.6	119	18.9	133	21.5	148	24.3
	12	75.3	11.8	89.8	14.1	104	16.6	112	17.9	119	19.2	133	21.9	148	24.7
	14	75.3	12.0	89.8	14.4	104	16.9	112	18.2	119	19.6	133	22.4	148	25.2
	16	75.3	12.2	89.8	14.6	104	17.2	112	18.6	119	20.0	133	22.8	148	25.7
	18	75.3	12.4	89.8	14.9	104	17.6	112	18.9	119	20.4	133	23.2	148	26.2
	20	75.3	12.6	89.8	15.2	104	17.9	112	19.3	119	20.8	133	24.1	148	28.0
	21	75.3	12.7	89.8	15.3	104	18.1	112	19.5	119	21.2	133	24.9	148	29.0
	23	75.3	13.0	89.8	15.6	104	19.0	112	20.8	119	22.7	133	26.7	148	31.1
	25	75.3	13.4	89.8	16.6	104	20.3	112	22.2	119	24.2	133	28.6	148	33.3
	27	75.3	14.2	89.8	17.7	104	21.6	112	23.7	119	25.9	133	30.6	148	35.6
	29	75.3	15.1	89.8	18.9	104	23.0	112	25.3	119	27.6	133	32.7	148	38.1
	31	75.3	16.1	89.8	20.1	104	24.5	112	26.9	119	29.5	133	34.9	146	39.6
	33	75.3	17.1	89.8	21.3	104	26.1	112	28.7	119	31.4	133	37.2	143	41.1
	35	75.3	18.1	89.8	22.7	104	27.8	112	30.5	119	33.4	133	39.6	141	42.6
	37	75.3	19.2	89.8	24.1	104	29.5	112	32.5	119	35.6	133	42.2	139	44.1
	39	75.3	20.3	89.8	25.5	104	31.4	112	34.6	119	37.9	133	45.0	137	45.6
70% (875)	10	65.9	10.2	78.6	12.1	91.3	14.1	97.6	15.2	104	16.3	117	18.5	129	20.8
	12	65.9	10.4	78.6	12.3	91.3	14.4	97.6	15.5	104	16.6	117	18.8	129	21.2
	14	65.9	10.5	78.6	12.5	91.3	14.6	97.6	15.7	104	16.9	117	19.2	129	21.6
	16	65.9	10.7	78.6	12.7	91.3	14.9	97.6	16.0	104	17.2	117	19.6	129	22.0
	18	65.9	10.9	78.6	13.0	91.3	15.2	97.6	16.3	104	17.5	117	19.9	129	22.4
	20	65.9	11.0	78.6	13.2	91.3	15.5	97.6	16.6	104	17.8	117	20.3	129	23.1
	21	65.9	11.1	78.6	13.3	91.3	15.6	97.6	16.8	104	18.0	117	20.7	129	23.9
	23	65.9	11.3	78.6	13.6	91.3	15.9	97.6	17.4	104	18.9	117	22.1	129	25.6
	25	65.9	11.5	78.6	14.1	91.3	17.0	97.6	18.5	104	20.2	117	23.6	129	27.4
	27	65.9	12.2	78.6	15.0	91.3	18.1	97.6	19.8	104	21.5	117	25.2	129	29.3
	29	65.9	12.9	78.6	15.9	91.3	19.3	97.6	21.1	104	22.9	117	26.9	129	31.2
	31	65.9	13.7	78.6	16.9	91.3	20.5	97.6	22.4	104	24.4	117	28.7	129	33.3
	33	65.9	14.5	78.6	18.0	91.3	21.8	97.6	23.8	104	26.0	117	30.6	129	35.5
	35	65.9	15.4	78.6	19.1	91.3	23.2	97.6	25.3	104	27.7	117	32.6	129	37.9
	37	65.9	16.3	78.6	20.2	91.3	24.6	97.6	26.9	104	29.4	117	34.7	129	40.3
	39	65.9	17.3	78.6	21.4	91.3	26.1	97.6	28.6	104	31.3	117	36.9	129	43.0
60% (750)	10	56.5	8.88	67.4	10.4	78.2	12.1	83.7	12.9	89.1	13.8	100	15.6	111	17.5
	12	56.5	9.00	67.4	10.6	78.2	12.3	83.7	13.1	89.1	14.0	100	15.9	111	17.8
	14	56.5	9.13	67.4	10.7	78.2	12.5	83.7	13.4	89.1	14.3	100	16.2	111	18.1
	16	56.5	9.27	67.4	10.9	78.2	12.7	83.7	13.6	89.1	14.5	100	16.5	111	18.5
	18	56.5	9.41	67.4	11.1	78.2	12.9	83.7	13.8	89.1	14.8	100	16.8	111	18.8
	20	56.5	9.56	67.4	11.3	78.2	13.1	83.7	14.1	89.1	15.1	100	17.1	111	19.2
	21	56.5	9.64	67.4	11.4	78.2	13.2	83.7	14.2	89.1	15.2	100	17.3	111	19.4
	23	56.5	9.79	67.4	11.6	78.2	13.5	83.7	14.5	89.1	15.5	100	17.9	111	20.6
	25	56.5	9.96	67.4	11.8	78.2	14.0	83.7	15.2	89.1	16.5	100	19.1	111	22.0
	27	56.5	10.3	67.4	12.5	78.2	14.9	83.7	16.2	89.1	17.6	100	20.4	111	23.5
	29	56.5	10.9	67.4	13.3	78.2	15.9	83.7	17.2	89.1	18.7	100	21.8	111	25.1
	31	56.5	11.6	67.4	14.1	78.2	16.8	83.7	18.3	89.1	19.9	100	23.2	111	26.7
	33	56.5	12.2	67.4	14.9	78.2	17.9	83.7	19.5	89.1	21.1	100	24.6	111	28.4
	35	56.5	13.0	67.4	15.8	78.2	19.0	83.7	20.7	89.1	22.4	100	26.2	111	30.3
	37	56.5	13.7	67.4	16.7	78.2	20.1	83.7	21.9	89.1	23.8	100	27.9	111	32.2
	39	56.5	14.5	67.4	17.7	78.2	21.3	83.7	23.3	89.1	25.3	100	29.6	111	34.3
50% (625)	10	47.1	7.63	56.1	8.83	65.2	10.1	69.7	10.8	74.3	11.4	83.4	12.9	92.4	14.3
	12	47.1	7.73	56.1	8.96	65.2	10.3	69.7	10.9	74.3	11.6	83.4	13.1	92.4	14.6
	14	47.1	7.83	56.1	9.09	65.2	10.4	69.7	11.1	74.3	11.8	83.4	13.3	92.4	14.8
	16	47.1	7.94	56.1	9.22	65.2	10.6	69.7	11.3	74.3	12.0	83.4	13.5	92.4	15.1
	18	47.1	8.05	56.1	9.36	65.2	10.8	69.7	11.5	74.3	12.2	83.4	13.8	92.4	15.4
	20	47.1	8.16	56.1	9.51	65.2	10.9	69.7	11.7	74.3	12.4	83.4	14.0	92.4	15.7
	21	47.1	8.22	56.1	9.58	65.2	11.0	69.7	11.8	74.3	12.6	83.4	14.2	92.4	15.8
	23	47.1	8.34	56.1	9.74	65.2	11.2	69.7	12.0	74.3	12.8	83.4	14.4	92.4	16.2
	25	47.1	8.47	56.1	9.90	65.2	11.4	69.7	12.2	74.3	13.2	83.4	15.1	92.4	17.3
	27	47.1	8.61	56.1	10.3	65.2	12.1	69.7	13.0	74.3	14.0	83.4	16.1	92.4	18.4
	29	47.1	9.11	56.1	10.9	65.2	12.8	69.7	13.8	74.3	14.9	83.4	17.2	92.4	19.6
	31	47.1	9.62	56.1	11.5	65.2	13.6	69.7	14.7	74.3	15.8	83.4	18.2	92.4	20.8
	33	47.1	10.2	56.1	12.2	65.2	14.4	69.7	15.5	74.3	16.8	83.4	19.4	92.4	22.2
	35	47.1	10.7	56.1	12.9	65.2	15.2	69.7	16.5	74.3	17.8	83.4	20.6	92.4	23.5
	37	47.1	11.3	56.1	13.6	65.2	16.1	69.7	17.4	74.3	18.8	83.4	21.8	92.4	25.0
	39	47.1	11.9	56.1	14.4	65.2	17.0	69.7	18.5	74.3	20.0	83.4	23.1	92.4	26.6

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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9.2 Cooling Capacity for *VRV* Indoor Units Only (Te: 9ºC)

When only *VRV* indoor units are connected

RXQ18TY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	29.0	4.14	36.2	5.22	45.9	6.80	50.6	7.62	55.4	8.46	62.9	9.62	64.6	9.20
	12	29.0	4.20	36.2	5.31	45.9	6.93	50.6	7.76	55.4	8.62	62.1	9.57	63.8	9.14
	14	29.0	4.28	36.2	5.41	45.9	7.06	50.6	7.91	55.4	8.78	61.3	9.52	63.0	9.20
	16	29.0	4.35	36.2	5.51	45.9	7.20	50.6	8.07	55.4	8.95	60.5	9.60	62.2	9.69
	18	29.0	4.43	36.2	5.61	45.9	7.34	50.6	8.23	55.4	9.22	59.7	10.1	61.4	10.2
	20	29.0	4.51	36.2	5.72	45.9	7.52	50.6	8.67	55.4	9.91	58.9	10.6	60.6	10.7
	21	29.0	4.55	36.2	5.78	45.9	7.79	50.6	8.98	55.4	10.3	58.5	10.8	60.2	10.9
	23	29.0	4.64	36.2	6.02	45.9	8.34	50.6	9.63	55.4	11.0	57.7	11.3	59.4	11.4
	25	29.0	4.84	36.2	6.42	45.9	8.92	50.6	10.3	55.1	11.7	56.8	11.8	58.5	11.9
	27	29.0	5.16	36.2	6.85	45.9	9.54	50.6	11.0	54.3	12.2	56.0	12.3	57.7	12.5
	29	29.0	5.48	36.2	7.30	45.9	10.2	50.6	11.8	53.4	12.7	55.2	12.8	56.9	13.0
	31	29.0	5.83	36.2	7.77	45.9	10.9	50.6	12.6	52.6	13.2	54.4	13.3	56.1	13.5
	33	29.0	6.19	36.2	8.27	45.9	11.6	50.6	13.4	51.8	13.7	53.6	13.8	55.3	14.0
	35	29.0	6.56	36.2	8.79	45.9	12.3	50.1	14.1	51.0	14.1	52.8	14.3	54.5	14.5
	37	29.0	6.96	36.2	9.35	45.9	13.1	49.3	14.6	50.2	14.6	52.0	14.8	53.7	15.0
	39	29.0	7.38	36.2	9.94	45.9	14.0	48.5	15.1	49.4	15.2	51.1	15.4	52.8	15.5
120% (540)	10	26.8	3.82	33.4	4.79	42.3	6.21	46.7	6.95	51.1	7.71	59.8	9.25	63.6	9.47
	12	26.8	3.88	33.4	4.87	42.3	6.33	46.7	7.08	51.1	7.85	59.8	9.42	62.8	9.41
	14	26.8	3.94	33.4	4.96	42.3	6.45	46.7	7.21	51.1	8.00	59.8	9.60	61.9	9.36
	16	26.8	4.01	33.4	5.05	42.3	6.57	46.7	7.35	51.1	8.16	59.6	9.71	61.1	9.63
	18	26.8	4.08	33.4	5.14	42.3	6.70	46.7	7.50	51.1	8.32	58.8	10.0	60.3	10.1
	20	26.8	4.15	33.4	5.24	42.3	6.83	46.7	7.72	51.1	8.80	57.9	10.5	59.5	10.6
	21	26.8	4.19	33.4	5.29	42.3	6.96	46.7	8.00	51.1	9.11	57.5	10.8	59.1	10.9
	23	26.8	4.26	33.4	5.42	42.3	7.45	46.7	8.57	51.1	9.77	56.7	11.3	58.3	11.4
	25	26.8	4.40	33.4	5.78	42.3	7.96	46.7	9.17	51.1	10.5	55.9	11.7	57.5	11.9
	27	26.8	4.68	33.4	6.16	42.3	8.50	46.7	9.80	51.1	11.2	55.1	12.2	56.7	12.4
	29	26.8	4.97	33.4	6.56	42.3	9.07	46.7	10.5	51.1	12.0	54.3	12.7	55.8	12.9
	31	26.8	5.28	33.4	6.98	42.3	9.67	46.7	11.2	51.1	12.8	53.5	13.2	55.0	13.4
	33	26.8	5.60	33.4	7.42	42.3	10.3	46.7	11.9	51.0	13.6	52.7	13.7	54.2	13.9
	35	26.8	5.94	33.4	7.89	42.3	11.0	46.7	12.7	50.2	14.1	51.8	14.2	53.4	14.4
	37	26.8	6.29	33.4	8.38	42.3	11.7	46.7	13.5	49.4	14.6	51.0	14.7	52.6	14.9
	39	26.8	6.67	33.4	8.90	42.3	12.4	46.7	14.4	48.6	15.1	50.2	15.2	51.8	15.4
110% (495)	10	24.6	3.51	30.6	4.37	38.8	5.64	42.8	6.29	46.9	6.97	54.8	8.36	62.5	9.73
	12	24.6	3.56	30.6	4.44	38.8	5.74	42.8	6.41	46.9	7.10	54.8	8.52	61.7	9.68
	14	24.6	3.62	30.6	4.52	38.8	5.84	42.8	6.53	46.9	7.24	54.8	8.68	60.9	9.63
	16	24.6	3.68	30.6	4.60	38.8	5.95	42.8	6.66	46.9	7.38	54.8	8.85	60.1	9.58
	18	24.6	3.74	30.6	4.68	38.8	6.07	42.8	6.79	46.9	7.52	54.8	9.08	59.3	10.1
	20	24.6	3.80	30.6	4.77	38.8	6.19	42.8	6.92	46.9	7.76	54.8	9.76	58.4	10.5
	21	24.6	3.84	30.6	4.81	38.8	6.25	42.8	7.07	46.9	8.03	54.8	10.1	58.0	10.8
	23	24.6	3.90	30.6	4.91	38.8	6.61	42.8	7.57	46.9	8.60	54.8	10.8	57.2	11.3
	25	24.6	3.98	30.6	5.17	38.8	7.06	42.8	8.09	46.9	9.20	54.8	11.6	56.4	11.8
	27	24.6	4.23	30.6	5.51	38.8	7.53	42.8	8.64	46.9	9.84	54.2	12.2	55.6	12.3
	29	24.6	4.49	30.6	5.86	38.8	8.03	42.8	9.22	46.9	10.5	53.3	12.7	54.8	12.8
	31	24.6	4.76	30.6	6.23	38.8	8.56	42.8	9.83	46.9	11.2	52.5	13.1	54.0	13.3
	33	24.6	5.04	30.6	6.62	38.8	9.11	42.8	10.5	46.9	12.0	51.7	13.6	53.2	13.8
	35	24.6	5.35	30.6	7.03	38.8	9.69	42.8	11.2	46.9	12.7	50.9	14.1	52.3	14.3
	37	24.6	5.66	30.6	7.46	38.8	10.3	42.8	11.9	46.9	13.6	50.1	14.6	51.5	14.8
	39	24.6	5.99	30.6	7.92	38.8	11.0	42.8	12.6	46.9	14.5	49.3	15.1	50.7	15.3
100% (450)	10	22.3	3.21	27.8	3.97	35.3	5.08	38.9	5.66	42.6	6.26	49.9	7.49	56.9	8.72
	12	22.3	3.26	27.8	4.03	35.3	5.17	38.9	5.76	42.6	6.37	49.9	7.63	56.9	8.88
	14	22.3	3.31	27.8	4.10	35.3	5.26	38.9	5.87	42.6	6.49	49.9	7.77	56.9	9.05
	16	22.3	3.36	27.8	4.17	35.3	5.36	38.9	5.98	42.6	6.61	49.9	7.93	56.9	9.23
	18	22.3	3.41	27.8	4.24	35.3	5.46	38.9	6.09	42.6	6.74	49.9	8.08	56.9	9.59
	20	22.3	3.47	27.8	4.32	35.3	5.56	38.9	6.21	42.6	6.88	49.9	8.48	56.9	10.3
	21	22.3	3.50	27.8	4.36	35.3	5.62	38.9	6.27	42.6	7.02	49.9	8.78	56.9	10.7
	23	22.3	3.56	27.8	4.44	35.3	5.82	38.9	6.64	42.6	7.51	49.9	9.41	56.2	11.2
	25	22.3	3.62	27.8	4.60	35.3	6.21	38.9	7.09	42.6	8.03	49.9	10.1	55.3	11.7
	27	22.3	3.80	27.8	4.90	35.3	6.62	38.9	7.57	42.6	8.58	49.9	10.8	54.5	12.2
	29	22.3	4.03	27.8	5.21	35.3	7.05	38.9	8.07	42.6	9.15	49.9	11.5	53.7	12.7
	31	22.3	4.27	27.8	5.53	35.3	7.51	38.9	8.59	42.6	9.76	49.9	12.3	52.9	13.2
	33	22.3	4.52	27.8	5.87	35.3	7.99	38.9	9.15	42.6	10.4	49.9	13.1	52.1	13.7
	35	22.3	4.78	27.8	6.23	35.3	8.49	38.9	9.74	42.6	11.1	49.9	14.0	51.3	14.2
	37	22.3	5.06	27.8	6.60	35.3	9.03	38.9	10.4	42.6	11.8	49.2	14.5	50.5	14.7
	39	22.3	5.35	27.8	7.00	35.3	9.59	38.9	11.0	42.6	12.5	48.3	15.0	49.7	15.2
90% (405)	10	20.1	2.92	25.1	3.58	31.8	4.54	35.0	5.04	38.3	5.56	44.9	6.63	51.2	7.72
	12	20.1	2.96	25.1	3.63	31.8	4.62	35.0	5.13	38.3	5.66	44.9	6.76	51.2	7.86
	14	20.1	3.01	25.1	3.69	31.8	4.70	35.0	5.22	38.3	5.77	44.9	6.89	51.2	8.01
	16	20.1	3.05	25.1	3.75	31.8	4.78	35.0	5.32	38.3	5.87	44.9	7.02	51.2	8.17
	18	20.1	3.10	25.1	3.81	31.8	4.87	35.0	5.42	38.3	5.99	44.9	7.16	51.2	8.33
	20	20.1	3.15	25.1	3.88	31.8	4.96	35.0	5.52	38.3	6.10	44.9	7.30	51.2	8.81
	21	20.1	3.17	25.1	3.91	31.8	5.01	35.0	5.57	38.3	6.16	44.9	7.55	51.2	9.13
	23	20.1	3.22	25.1	3.98	31.8	5.10	35.0	5.77	38.3	6.50	44.9	8.08	51.2	9.78
	25	20.1	3.28	25.1	4.07	31.8	5.42	35.0	6.15	38.3	6.94	44.9	8.65	51.2	10.5
	27	20.1	3.39	25.1	4.32	31.8	5.77	35.0	6.56	38.3	7.41	44.9	9.24	51.2	11.2
	29	20.1	3.60	25.1	4.59	31.8	6.14	35.0	6.99	38.3	7.90	44.9	9.86	51.2	12.0
	31	20.1	3.81	25.1	4.87	31.8	6.53	35.0	7.44	38.3	8.41	44.9	10.5	51.2	12.8
	33	20.1	4.03	25.1	5.16	31.8	6.94	35.0	7.91	38.3	8.96	44.9	11.2	51.0	13.6
	35	20.1	4.26	25.1	5.47	31.8	7.37	35.0	8.41	38.3	9.53	44.9	11.9	50.2	14.1
	37	20.1	4.50	25.1	5.80	31.8	7.83	35.0	8.94	38.3	10.1	44.9	12.7	49.4	14.6
	39	20.1	4.75	25.1	6.14	31.8	8.31	35.0	9.50	38.3	10.8	44.9	13.5	48.6	15.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	17.9	2.65	22.3	3.20	28.2	4.02	31.1	4.45	34.1	4.89	39.9	5.81	45.5	6.74
	12	17.9	2.68	22.3	3.25	28.2	4.09	31.1	4.52	34.1	4.98	39.9	5.92	45.5	6.86
	14	17.9	2.72	22.3	3.30	28.2	4.16	31.1	4.60	34.1	5.07	39.9	6.03	45.5	6.99
	16	17.9	2.76	22.3	3.35	28.2	4.23	31.1	4.68	34.1	5.16	39.9	6.14	45.5	7.13
	18	17.9	2.80	22.3	3.40	28.2	4.30	31.1	4.77	34.1	5.25	39.9	6.26	45.5	7.27
	20	17.9	2.84	22.3	3.46	28.2	4.38	31.1	4.86	34.1	5.35	39.9	6.38	45.5	7.43
	21	17.9	2.86	22.3	3.49	28.2	4.42	31.1	4.90	34.1	5.41	39.9	6.44	45.5	7.70
	23	17.9	2.90	22.3	3.55	28.2	4.50	31.1	5.00	34.1	5.56	39.9	6.86	45.5	8.24
	25	17.9	2.95	22.3	3.61	28.2	4.68	31.1	5.29	34.1	5.93	39.9	7.33	45.5	8.82
	27	17.9	3.01	22.3	3.79	28.2	4.98	31.1	5.63	34.1	6.32	39.9	7.82	45.5	9.42
	29	17.9	3.19	22.3	4.02	28.2	5.30	31.1	5.99	34.1	6.74	39.9	8.34	45.5	10.1
	31	17.9	3.37	22.3	4.26	28.2	5.63	31.1	6.37	34.1	7.17	39.9	8.89	45.5	10.7
	33	17.9	3.56	22.3	4.51	28.2	5.97	31.1	6.77	34.1	7.62	39.9	9.47	45.5	11.4
	35	17.9	3.76	22.3	4.77	28.2	6.34	31.1	7.19	34.1	8.10	39.9	10.1	45.5	12.2
	37	17.9	3.97	22.3	5.05	28.2	6.72	31.1	7.63	34.1	8.61	39.9	10.7	45.5	13.0
	39	17.9	4.19	22.3	5.34	28.2	7.12	31.1	8.10	34.1	9.14	39.9	11.4	45.5	13.8
70% (315)	10	15.6	2.38	19.5	2.85	24.7	3.53	27.3	3.88	29.8	4.25	34.9	5.02	39.8	5.80
	12	15.6	2.41	19.5	2.89	24.7	3.58	27.3	3.95	29.8	4.32	34.9	5.11	39.8	5.90
	14	15.6	2.44	19.5	2.93	24.7	3.64	27.3	4.01	29.8	4.40	34.9	5.20	39.8	6.01
	16	15.6	2.47	19.5	2.97	24.7	3.70	27.3	4.08	29.8	4.47	34.9	5.29	39.8	6.12
	18	15.6	2.51	19.5	3.01	24.7	3.76	27.3	4.15	29.8	4.55	34.9	5.39	39.8	6.24
	20	15.6	2.54	19.5	3.06	24.7	3.82	27.3	4.22	29.8	4.64	34.9	5.50	39.8	6.37
	21	15.6	2.56	19.5	3.08	24.7	3.86	27.3	4.26	29.8	4.68	34.9	5.55	39.8	6.43
	23	15.6	2.60	19.5	3.13	24.7	3.93	27.3	4.34	29.8	4.77	34.9	5.73	39.8	6.84
	25	15.6	2.63	19.5	3.19	24.7	4.00	27.3	4.49	29.8	5.01	34.9	6.12	39.8	7.31
	27	15.6	2.67	19.5	3.29	24.7	4.25	27.3	4.77	29.8	5.33	34.9	6.53	39.8	7.80
	29	15.6	2.81	19.5	3.48	24.7	4.51	27.3	5.07	29.8	5.67	34.9	6.95	39.8	8.32
	31	15.6	2.97	19.5	3.68	24.7	4.79	27.3	5.39	29.8	6.03	34.9	7.40	39.8	8.86
	33	15.6	3.13	19.5	3.90	24.7	5.08	27.3	5.72	29.8	6.40	34.9	7.87	39.8	9.44
	35	15.6	3.30	19.5	4.12	24.7	5.38	27.3	6.06	29.8	6.79	34.9	8.37	39.8	10.0
	37	15.6	3.48	19.5	4.35	24.7	5.70	27.3	6.43	29.8	7.21	34.9	8.89	39.8	10.7
	39	15.6	3.66	19.5	4.59	24.7	6.03	27.3	6.81	29.8	7.65	34.9	9.45	39.8	11.4
60% (270)	10	13.4	2.13	16.7	2.51	21.2	3.06	23.4	3.35	25.6	3.65	29.9	4.27	34.1	4.90
	12	13.4	2.16	16.7	2.54	21.2	3.10	23.4	3.40	25.6	3.70	29.9	4.34	34.1	4.98
	14	13.4	2.18	16.7	2.57	21.2	3.15	23.4	3.45	25.6	3.76	29.9	4.41	34.1	5.07
	16	13.4	2.21	16.7	2.61	21.2	3.20	23.4	3.51	25.6	3.83	29.9	4.49	34.1	5.16
	18	13.4	2.23	16.7	2.64	21.2	3.25	23.4	3.56	25.6	3.89	29.9	4.57	34.1	5.26
	20	13.4	2.26	16.7	2.68	21.2	3.30	23.4	3.62	25.6	3.96	29.9	4.65	34.1	5.36
	21	13.4	2.28	16.7	2.70	21.2	3.33	23.4	3.65	25.6	3.99	29.9	4.70	34.1	5.41
	23	13.4	2.31	16.7	2.74	21.2	3.38	23.4	3.72	25.6	4.06	29.9	4.79	34.1	5.57
	25	13.4	2.34	16.7	2.78	21.2	3.44	23.4	3.78	25.6	4.16	29.9	5.03	34.1	5.94
	27	13.4	2.37	16.7	2.83	21.2	3.58	23.4	3.99	25.6	4.42	29.9	5.35	34.1	6.33
	29	13.4	2.46	16.7	2.99	21.2	3.80	23.4	4.24	25.6	4.70	29.9	5.69	34.1	6.74
	31	13.4	2.59	16.7	3.16	21.2	4.02	23.4	4.49	25.6	4.99	29.9	6.05	34.1	7.18
	33	13.4	2.73	16.7	3.33	21.2	4.26	23.4	4.76	25.6	5.29	29.9	6.43	34.1	7.63
	35	13.4	2.87	16.7	3.52	21.2	4.51	23.4	5.04	25.6	5.61	29.9	6.82	34.1	8.11
	37	13.4	3.02	16.7	3.71	21.2	4.76	23.4	5.33	25.6	5.94	29.9	7.24	34.1	8.62
	39	13.4	3.18	16.7	3.91	21.2	5.04	23.4	5.64	25.6	6.29	29.9	7.68	34.1	9.16
50% (225)	10	11.2	1.89	13.9	2.19	17.6	2.62	19.5	2.84	21.3	3.08	24.9	3.56	28.4	4.05
	12	11.2	1.91	13.9	2.22	17.6	2.65	19.5	2.88	21.3	3.12	24.9	3.61	28.4	4.12
	14	11.2	1.93	13.9	2.24	17.6	2.69	19.5	2.92	21.3	3.17	24.9	3.67	28.4	4.19
	16	11.2	1.95	13.9	2.27	17.6	2.73	19.5	2.97	21.3	3.22	24.9	3.73	28.4	4.26
	18	11.2	1.97	13.9	2.30	17.6	2.77	19.5	3.01	21.3	3.27	24.9	3.79	28.4	4.33
	20	11.2	2.00	13.9	2.33	17.6	2.81	19.5	3.06	21.3	3.32	24.9	3.86	28.4	4.41
	21	11.2	2.01	13.9	2.34	17.6	2.83	19.5	3.08	21.3	3.35	24.9	3.89	28.4	4.45
	23	11.2	2.03	13.9	2.37	17.6	2.87	19.5	3.13	21.3	3.40	24.9	3.96	28.4	4.53
	25	11.2	2.06	13.9	2.41	17.6	2.92	19.5	3.18	21.3	3.46	24.9	4.04	28.4	4.72
	27	11.2	2.08	13.9	2.44	17.6	2.98	19.5	3.28	21.3	3.61	24.9	4.30	28.4	5.02
	29	11.2	2.13	13.9	2.54	17.6	3.15	19.5	3.48	21.3	3.83	24.9	4.56	28.4	5.34
	31	11.2	2.24	13.9	2.67	17.6	3.33	19.5	3.68	21.3	4.05	24.9	4.84	28.4	5.67
	33	11.2	2.35	13.9	2.82	17.6	3.52	19.5	3.89	21.3	4.29	24.9	5.13	28.4	6.02
	35	11.2	2.47	13.9	2.97	17.6	3.71	19.5	4.11	21.3	4.54	24.9	5.44	28.4	6.39
	37	11.2	2.60	13.9	3.12	17.6	3.92	19.5	4.35	21.3	4.80	24.9	5.76	28.4	6.78
	39	11.2	2.73	13.9	3.29	17.6	4.13	19.5	4.59	21.3	5.07	24.9	6.10	28.4	7.19

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ20TY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	32.5	4.83	40.5	6.10	51.4	7.95	56.7	8.91	62.0	9.88	70.5	11.2	72.4	10.8
	12	32.5	4.91	40.5	6.21	51.4	8.10	56.7	9.07	62.0	10.1	69.6	11.2	71.5	10.7
	14	32.5	5.00	40.5	6.32	51.4	8.25	56.7	9.25	62.0	10.3	68.7	11.1	70.6	10.8
	16	32.5	5.08	40.5	6.44	51.4	8.41	56.7	9.43	62.0	10.5	67.8	11.2	69.7	11.3
	18	32.5	5.18	40.5	6.56	51.4	8.58	56.7	9.61	62.0	10.8	66.8	11.8	68.8	11.9
	20	32.5	5.27	40.5	6.69	51.4	8.79	56.7	10.1	62.0	11.6	65.9	12.4	67.8	12.5
	21	32.5	5.32	40.5	6.75	51.4	9.10	56.7	10.5	62.0	12.0	65.5	12.7	67.4	12.8
	23	32.5	5.42	40.5	7.03	51.4	9.75	56.7	11.3	62.0	12.9	64.6	13.2	66.5	13.4
	25	32.5	5.66	40.5	7.51	51.4	10.4	56.7	12.0	61.7	13.7	63.7	13.8	65.6	14.0
	27	32.5	6.03	40.5	8.01	51.4	11.1	56.7	12.9	60.8	14.2	62.7	14.4	64.7	14.6
	29	32.5	6.41	40.5	8.53	51.4	11.9	56.7	13.8	59.9	14.8	61.8	15.0	63.7	15.1
	31	32.5	6.81	40.5	9.08	51.4	12.7	56.7	14.7	58.9	15.4	60.9	15.6	62.8	15.7
	33	32.5	7.23	40.5	9.67	51.4	13.5	56.7	15.7	58.0	16.0	60.0	16.2	61.9	16.3
	35	32.5	7.67	40.5	10.3	51.4	14.4	56.1	16.4	57.1	16.5	59.1	16.7	61.0	17.0
	37	32.5	8.14	40.5	10.9	51.4	15.4	55.2	17.0	56.2	17.1	58.2	17.3	60.1	17.6
	39	32.5	8.63	40.5	11.6	51.4	16.4	54.3	17.6	55.3	17.7	57.3	17.9	59.2	18.2
120% (600)	10	30.0	4.46	37.4	5.60	47.4	7.26	52.3	8.12	57.3	9.01	67.0	10.8	71.2	11.1
	12	30.0	4.53	37.4	5.69	47.4	7.39	52.3	8.27	57.3	9.18	67.0	11.0	70.3	11.0
	14	30.0	4.61	37.4	5.80	47.4	7.53	52.3	8.43	57.3	9.35	67.0	11.2	69.4	10.9
	16	30.0	4.69	37.4	5.90	47.4	7.68	52.3	8.59	57.3	9.54	66.7	11.4	68.5	11.3
	18	30.0	4.77	37.4	6.01	47.4	7.83	52.3	8.76	57.3	9.73	65.8	11.7	67.6	11.8
	20	30.0	4.85	37.4	6.12	47.4	7.98	52.3	9.03	57.3	10.3	64.9	12.3	66.7	12.4
	21	30.0	4.89	37.4	6.18	47.4	8.13	52.3	9.35	57.3	10.7	64.4	12.6	66.2	12.7
	23	30.0	4.98	37.4	6.33	47.4	8.71	52.3	10.0	57.3	11.4	63.5	13.2	65.3	13.3
	25	30.0	5.14	37.4	6.76	47.4	9.31	52.3	10.7	57.3	12.2	62.6	13.7	64.4	13.9
	27	30.0	5.47	37.4	7.20	47.4	9.94	52.3	11.4	57.3	13.1	61.7	14.3	63.5	14.5
	29	30.0	5.81	37.4	7.67	47.4	10.6	52.3	12.2	57.3	14.0	60.8	14.9	62.6	15.0
	31	30.0	6.17	37.4	8.16	47.4	11.3	52.3	13.0	57.3	14.9	59.9	15.5	61.6	15.6
	33	30.0	6.55	37.4	8.68	47.4	12.0	52.3	13.9	57.1	15.9	59.0	16.0	60.7	16.2
	35	30.0	6.94	37.4	9.22	47.4	12.8	52.3	14.8	56.2	16.4	58.1	16.6	59.8	16.8
	37	30.0	7.36	37.4	9.79	47.4	13.7	52.3	15.8	55.3	17.0	57.1	17.2	58.9	17.4
	39	30.0	7.80	37.4	10.4	47.4	14.5	52.3	16.8	54.4	17.6	56.2	17.8	58.0	18.0
110% (550)	10	27.5	4.10	34.3	5.11	43.5	6.59	48.0	7.36	52.5	8.15	61.4	9.77	70.0	11.4
	12	27.5	4.16	34.3	5.19	43.5	6.71	48.0	7.49	52.5	8.30	61.4	9.96	69.1	11.3
	14	27.5	4.23	34.3	5.28	43.5	6.83	48.0	7.63	52.5	8.46	61.4	10.1	68.2	11.3
	16	27.5	4.30	34.3	5.38	43.5	6.96	48.0	7.78	52.5	8.62	61.4	10.3	67.3	11.2
	18	27.5	4.37	34.3	5.47	43.5	7.09	48.0	7.93	52.5	8.79	61.4	10.6	66.4	11.8
	20	27.5	4.45	34.3	5.58	43.5	7.23	48.0	8.09	52.5	9.07	61.4	11.4	65.5	12.3
	21	27.5	4.48	34.3	5.63	43.5	7.30	48.0	8.27	52.5	9.39	61.4	11.8	65.0	12.6
	23	27.5	4.56	34.3	5.74	43.5	7.72	48.0	8.85	52.5	10.1	61.4	12.7	64.1	13.2
	25	27.5	4.65	34.3	6.05	43.5	8.25	48.0	9.46	52.5	10.8	61.4	13.6	63.2	13.8
	27	27.5	4.94	34.3	6.44	43.5	8.80	48.0	10.1	52.5	11.5	60.7	14.2	62.3	14.4
	29	27.5	5.24	34.3	6.85	43.5	9.39	48.0	10.8	52.5	12.3	59.7	14.8	61.4	14.9
	31	27.5	5.56	34.3	7.29	43.5	10.0	48.0	11.5	52.5	13.1	58.8	15.4	60.4	15.5
	33	27.5	5.90	34.3	7.74	43.5	10.6	48.0	12.2	52.5	14.0	57.9	15.9	59.5	16.1
	35	27.5	6.25	34.3	8.22	43.5	11.3	48.0	13.0	52.5	14.9	57.0	16.5	58.6	16.7
	37	27.5	6.62	34.3	8.72	43.5	12.1	48.0	13.9	52.5	15.9	56.1	17.1	57.7	17.3
	39	27.5	7.00	34.3	9.26	43.5	12.8	48.0	14.8	52.5	16.9	55.2	17.7	56.8	17.9
100% (500)	10	25.0	3.75	31.2	4.63	39.5	5.93	43.6	6.61	47.7	7.31	55.8	8.75	63.7	10.2
	12	25.0	3.81	31.2	4.71	39.5	6.04	43.6	6.73	47.7	7.45	55.8	8.92	63.7	10.4
	14	25.0	3.87	31.2	4.79	39.5	6.15	43.6	6.86	47.7	7.59	55.8	9.09	63.7	10.6
	16	25.0	3.93	31.2	4.87	39.5	6.26	43.6	6.98	47.7	7.73	55.8	9.26	63.7	10.8
	18	25.0	3.99	31.2	4.96	39.5	6.38	43.6	7.12	47.7	7.88	55.8	9.45	63.7	11.2
	20	25.0	4.05	31.2	5.05	39.5	6.50	43.6	7.26	47.7	8.04	55.8	9.91	63.7	12.0
	21	25.0	4.09	31.2	5.09	39.5	6.57	43.6	7.33	47.7	8.20	55.8	10.3	63.7	12.5
	23	25.0	4.16	31.2	5.19	39.5	6.80	43.6	7.76	47.7	8.78	55.8	11.0	62.9	13.1
	25	25.0	4.23	31.2	5.38	39.5	7.26	43.6	8.29	47.7	9.39	55.8	11.8	62.0	13.7
	27	25.0	4.44	31.2	5.73	39.5	7.74	43.6	8.84	47.7	10.0	55.8	12.6	61.1	14.2
	29	25.0	4.71	31.2	6.09	39.5	8.24	43.6	9.43	47.7	10.7	55.8	13.5	60.2	14.8
	31	25.0	4.99	31.2	6.46	39.5	8.78	43.6	10.0	47.7	11.4	55.8	14.4	59.3	15.4
	33	25.0	5.28	31.2	6.86	39.5	9.34	43.6	10.7	47.7	12.2	55.8	15.3	58.3	16.0
	35	25.0	5.59	31.2	7.28	39.5	9.93	43.6	11.4	47.7	12.9	55.8	16.3	57.4	16.6
	37	25.0	5.92	31.2	7.72	39.5	10.6	43.6	12.1	47.7	13.8	55.1	17.0	56.5	17.2
	39	25.0	6.26	31.2	8.18	39.5	11.2	43.6	12.9	47.7	14.7	54.1	17.6	55.6	17.7
90% (450)	10	22.5	3.42	28.1	4.18	35.6	5.30	39.2	5.89	42.9	6.50	50.3	7.76	57.3	9.02
	12	22.5	3.46	28.1	4.24	35.6	5.40	39.2	6.00	42.9	6.62	50.3	7.90	57.3	9.19
	14	22.5	3.51	28.1	4.31	35.6	5.49	39.2	6.10	42.9	6.74	50.3	8.05	57.3	9.36
	16	22.5	3.57	28.1	4.38	35.6	5.59	39.2	6.22	42.9	6.87	50.3	8.20	57.3	9.55
	18	22.5	3.62	28.1	4.46	35.6	5.69	39.2	6.33	42.9	7.00	50.3	8.37	57.3	9.74
	20	22.5	3.68	28.1	4.53	35.6	5.80	39.2	6.45	42.9	7.13	50.3	8.53	57.3	10.3
	21	22.5	3.71	28.1	4.57	35.6	5.85	39.2	6.52	42.9	7.20	50.3	8.82	57.3	10.7
	23	22.5	3.77	28.1	4.66	35.6	5.96	39.2	6.74	42.9	7.60	50.3	9.45	57.3	11.4
	25	22.5	3.83	28.1	4.75	35.6	6.33	39.2	7.19	42.9	8.11	50.3	10.1	57.3	12.2
	27	22.5	3.97	28.1	5.05	35.6	6.74	39.2	7.67	42.9	8.66	50.3	10.8	57.3	13.1
	29	22.5	4.20	28.1	5.37	35.6	7.18	39.2	8.17	42.9	9.23	50.3	11.5	57.3	14.0
	31	22.5	4.45	28.1	5.69	35.6	7.63	39.2	8.70	42.9	9.83	50.3	12.3	57.3	14.9
	33	22.5	4.71	28.1	6.04	35.6	8.11	39.2	9.25	42.9	10.5	50.3	13.1	57.2	15.9
	35	22.5	4.98	28.1	6.40	35.6	8.62	39.2	9.83	42.9	11.1	50.3	14.0	56.2	16.4
	37	22.5	5.26	28.1	6.78	35.6	9.15	39.2	10.5	42.9	11.8	50.3	14.9	55.3	17.0
	39	22.5	5.55	28.1	7.18	35.6	9.71	39.2	11.1	42.9	12.6	50.3	15.8	54.4	17.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	20.0	3.09	24.9	3.74	31.6	4.70	34.9	5.20	38.2	5.72	44.7	6.79	50.9	7.88
	12	20.0	3.13	24.9	3.80	31.6	4.78	34.9	5.29	38.2	5.82	44.7	6.91	50.9	8.02
	14	20.0	3.18	24.9	3.86	31.6	4.86	34.9	5.38	38.2	5.92	44.7	7.04	50.9	8.17
	16	20.0	3.22	24.9	3.92	31.6	4.94	34.9	5.47	38.2	6.03	44.7	7.18	50.9	8.33
	18	20.0	3.27	24.9	3.98	31.6	5.03	34.9	5.57	38.2	6.14	44.7	7.31	50.9	8.50
	20	20.0	3.32	24.9	4.04	31.6	5.12	34.9	5.68	38.2	6.26	44.7	7.46	50.9	8.69
	21	20.0	3.34	24.9	4.08	31.6	5.16	34.9	5.73	38.2	6.32	44.7	7.53	50.9	9.00
	23	20.0	3.39	24.9	4.15	31.6	5.26	34.9	5.84	38.2	6.50	44.7	8.01	50.9	9.63
	25	20.0	3.45	24.9	4.22	31.6	5.47	34.9	6.18	38.2	6.93	44.7	8.56	50.9	10.3
	27	20.0	3.52	24.9	4.43	31.6	5.82	34.9	6.58	38.2	7.39	44.7	9.14	50.9	11.0
	29	20.0	3.73	24.9	4.69	31.6	6.19	34.9	7.00	38.2	7.87	44.7	9.75	50.9	11.8
	31	20.0	3.94	24.9	4.97	31.6	6.58	34.9	7.45	38.2	8.38	44.7	10.4	50.9	12.5
	33	20.0	4.16	24.9	5.27	31.6	6.98	34.9	7.91	38.2	8.91	44.7	11.1	50.9	13.4
	35	20.0	4.40	24.9	5.58	31.6	7.41	34.9	8.40	38.2	9.47	44.7	11.8	50.9	14.2
	37	20.0	4.64	24.9	5.90	31.6	7.85	34.9	8.92	38.2	10.1	44.7	12.5	50.9	15.2
	39	20.0	4.90	24.9	6.24	31.6	8.33	34.9	9.47	38.2	10.7	44.7	13.3	50.9	16.2
70% (350)	10	17.5	2.79	21.8	3.33	27.7	4.12	30.5	4.54	33.4	4.97	39.1	5.86	44.6	6.77
	12	17.5	2.82	21.8	3.37	27.7	4.19	30.5	4.61	33.4	5.05	39.1	5.97	44.6	6.90
	14	17.5	2.86	21.8	3.42	27.7	4.25	30.5	4.69	33.4	5.14	39.1	6.08	44.6	7.03
	16	17.5	2.89	21.8	3.47	27.7	4.32	30.5	4.77	33.4	5.23	39.1	6.19	44.6	7.16
	18	17.5	2.93	21.8	3.52	27.7	4.39	30.5	4.85	33.4	5.32	39.1	6.30	44.6	7.30
	20	17.5	2.97	21.8	3.58	27.7	4.47	30.5	4.94	33.4	5.42	39.1	6.42	44.6	7.44
	21	17.5	2.99	21.8	3.61	27.7	4.51	30.5	4.98	33.4	5.47	39.1	6.49	44.6	7.51
	23	17.5	3.03	21.8	3.66	27.7	4.59	30.5	5.07	33.4	5.57	39.1	6.70	44.6	7.99
	25	17.5	3.08	21.8	3.72	27.7	4.68	30.5	5.25	33.4	5.85	39.1	7.15	44.6	8.54
	27	17.5	3.13	21.8	3.84	27.7	4.97	30.5	5.58	33.4	6.23	39.1	7.63	44.6	9.11
	29	17.5	3.28	21.8	4.07	27.7	5.28	30.5	5.93	33.4	6.63	39.1	8.12	44.6	9.72
	31	17.5	3.47	21.8	4.31	27.7	5.60	30.5	6.30	33.4	7.04	39.1	8.65	44.6	10.4
	33	17.5	3.66	21.8	4.55	27.7	5.94	30.5	6.68	33.4	7.48	39.1	9.20	44.6	11.0
	35	17.5	3.86	21.8	4.81	27.7	6.29	30.5	7.09	33.4	7.94	39.1	9.78	44.6	11.7
	37	17.5	4.06	21.8	5.09	27.7	6.66	30.5	7.52	33.4	8.43	39.1	10.4	44.6	12.5
	39	17.5	4.28	21.8	5.37	27.7	7.05	30.5	7.96	33.4	8.94	39.1	11.0	44.6	13.3
60% (300)	10	15.0	2.49	18.7	2.93	23.7	3.58	26.2	3.91	28.6	4.26	33.5	4.99	38.2	5.72
	12	15.0	2.52	18.7	2.97	23.7	3.63	26.2	3.97	28.6	4.33	33.5	5.07	38.2	5.82
	14	15.0	2.55	18.7	3.01	23.7	3.68	26.2	4.03	28.6	4.40	33.5	5.16	38.2	5.93
	16	15.0	2.58	18.7	3.05	23.7	3.74	26.2	4.10	28.6	4.47	33.5	5.25	38.2	6.04
	18	15.0	2.61	18.7	3.09	23.7	3.80	26.2	4.16	28.6	4.55	33.5	5.34	38.2	6.15
	20	15.0	2.64	18.7	3.14	23.7	3.86	26.2	4.23	28.6	4.63	33.5	5.44	38.2	6.26
	21	15.0	2.66	18.7	3.16	23.7	3.89	26.2	4.27	28.6	4.67	33.5	5.49	38.2	6.33
	23	15.0	2.70	18.7	3.20	23.7	3.95	26.2	4.34	28.6	4.75	33.5	5.59	38.2	6.51
	25	15.0	2.73	18.7	3.25	23.7	4.02	26.2	4.42	28.6	4.86	33.5	5.87	38.2	6.94
	27	15.0	2.77	18.7	3.30	23.7	4.19	26.2	4.67	28.6	5.17	33.5	6.25	38.2	7.40
	29	15.0	2.87	18.7	3.49	23.7	4.44	26.2	4.95	28.6	5.49	33.5	6.65	38.2	7.88
	31	15.0	3.03	18.7	3.69	23.7	4.70	26.2	5.25	28.6	5.83	33.5	7.07	38.2	8.39
	33	15.0	3.19	18.7	3.90	23.7	4.98	26.2	5.56	28.6	6.18	33.5	7.51	38.2	8.92
	35	15.0	3.36	18.7	4.11	23.7	5.27	26.2	5.89	28.6	6.55	33.5	7.97	38.2	9.48
	37	15.0	3.53	18.7	4.34	23.7	5.57	26.2	6.23	28.6	6.94	33.5	8.46	38.2	10.1
	39	15.0	3.71	18.7	4.57	23.7	5.89	26.2	6.60	28.6	7.35	33.5	8.98	38.2	10.7
50% (250)	10	12.5	2.21	15.6	2.56	19.8	3.06	21.8	3.32	23.9	3.60	27.9	4.16	31.8	4.73
	12	12.5	2.24	15.6	2.59	19.8	3.10	21.8	3.37	23.9	3.65	27.9	4.22	31.8	4.81
	14	12.5	2.26	15.6	2.62	19.8	3.14	21.8	3.42	23.9	3.70	27.9	4.29	31.8	4.89
	16	12.5	2.28	15.6	2.65	19.8	3.19	21.8	3.47	23.9	3.76	27.9	4.36	31.8	4.98
	18	12.5	2.31	15.6	2.68	19.8	3.23	21.8	3.52	23.9	3.82	27.9	4.44	31.8	5.06
	20	12.5	2.33	15.6	2.72	19.8	3.28	21.8	3.57	23.9	3.88	27.9	4.51	31.8	5.16
	21	12.5	2.35	15.6	2.74	19.8	3.31	21.8	3.60	23.9	3.91	27.9	4.55	31.8	5.20
	23	12.5	2.37	15.6	2.77	19.8	3.36	21.8	3.66	23.9	3.98	27.9	4.63	31.8	5.30
	25	12.5	2.40	15.6	2.81	19.8	3.41	21.8	3.72	23.9	4.04	27.9	4.73	31.8	5.52
	27	12.5	2.43	15.6	2.85	19.8	3.48	21.8	3.84	23.9	4.22	27.9	5.02	31.8	5.87
	29	12.5	2.49	15.6	2.96	19.8	3.68	21.8	4.07	23.9	4.47	27.9	5.33	31.8	6.24
	31	12.5	2.62	15.6	3.13	19.8	3.89	21.8	4.30	23.9	4.74	27.9	5.66	31.8	6.63
	33	12.5	2.75	15.6	3.29	19.8	4.11	21.8	4.55	23.9	5.01	27.9	6.00	31.8	7.04
	35	12.5	2.89	15.6	3.47	19.8	4.34	21.8	4.81	23.9	5.30	27.9	6.36	31.8	7.47
	37	12.5	3.04	15.6	3.65	19.8	4.58	21.8	5.08	23.9	5.61	27.9	6.73	31.8	7.92
	39	12.5	3.19	15.6	3.84	19.8	4.83	21.8	5.36	23.9	5.93	27.9	7.13	31.8	8.40

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ22TSY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (715)	10	35.7	4.46	44.5	5.63	56.4	7.33	62.3	8.21	68.1	9.11	77.4	10.4	79.5	9.92
	12	35.7	4.53	44.5	5.73	56.4	7.47	62.3	8.37	68.1	9.29	76.4	10.3	78.5	9.86
	14	35.7	4.61	44.5	5.83	56.4	7.61	62.3	8.53	68.1	9.46	75.4	10.3	77.5	9.92
	16	35.7	4.69	44.5	5.94	56.4	7.76	62.3	8.69	68.1	9.65	74.4	10.3	76.5	10.4
	18	35.7	4.77	44.5	6.05	56.4	7.91	62.3	8.87	68.1	9.94	73.4	10.9	75.5	11.0
	20	35.7	4.86	44.5	6.17	56.4	8.11	62.3	9.35	68.1	10.7	72.4	11.4	74.5	11.5
	21	35.7	4.90	44.5	6.23	56.4	8.40	62.3	9.68	68.1	11.1	71.9	11.7	74.0	11.8
	23	35.7	5.00	44.5	6.48	56.4	8.99	62.3	10.4	68.1	11.9	70.9	12.2	73.0	12.3
	25	35.7	5.22	44.5	6.92	56.4	9.62	62.3	11.1	67.7	12.6	69.9	12.7	72.0	12.9
	27	35.7	5.56	44.5	7.38	56.4	10.3	62.3	11.9	66.7	13.1	68.9	13.3	71.0	13.4
	29	35.7	5.91	44.5	7.87	56.4	11.0	62.3	12.7	65.7	13.6	67.9	13.8	70.0	14.0
	31	35.7	6.28	44.5	8.38	56.4	11.7	62.3	13.6	64.7	14.2	66.9	14.4	69.0	14.5
	33	35.7	6.67	44.5	8.91	56.4	12.5	62.3	14.5	63.7	14.7	65.9	14.9	68.0	15.1
	35	35.7	7.08	44.5	9.48	56.4	13.3	61.6	15.2	62.7	15.2	64.9	15.4	67.0	15.6
	37	35.7	7.51	44.5	10.1	56.4	14.2	60.6	15.7	61.7	15.8	63.9	16.0	66.0	16.2
	39	35.7	7.96	44.5	10.7	56.4	15.1	59.6	16.2	60.7	16.3	62.9	16.5	65.0	16.8
120% (660)	10	33.0	4.11	41.1	5.16	52.1	6.70	57.5	7.49	62.9	8.31	73.6	9.97	78.2	10.2
	12	33.0	4.18	41.1	5.25	52.1	6.82	57.5	7.63	62.9	8.46	73.6	10.2	77.2	10.1
	14	33.0	4.25	41.1	5.34	52.1	6.95	57.5	7.78	62.9	8.63	73.6	10.3	76.2	10.1
	16	33.0	4.32	41.1	5.44	52.1	7.08	57.5	7.93	62.9	8.79	73.3	10.5	75.2	10.4
	18	33.0	4.40	41.1	5.54	52.1	7.22	57.5	8.08	62.9	8.97	72.3	10.8	74.2	10.9
	20	33.0	4.47	41.1	5.65	52.1	7.36	57.5	8.32	62.9	9.48	71.3	11.3	73.2	11.4
	21	33.0	4.51	41.1	5.70	52.1	7.50	57.5	8.62	62.9	9.82	70.8	11.6	72.7	11.7
	23	33.0	4.60	41.1	5.84	52.1	8.03	57.5	9.23	62.9	10.5	69.8	12.1	71.7	12.2
	25	33.0	4.74	41.1	6.23	52.1	8.58	57.5	9.88	62.9	11.3	68.8	12.7	70.7	12.8
	27	33.0	5.04	41.1	6.64	52.1	9.17	57.5	10.6	62.9	12.1	67.8	13.2	69.7	13.3
	29	33.0	5.36	41.1	7.07	52.1	9.78	57.5	11.3	62.9	12.9	66.8	13.7	68.7	13.9
	31	33.0	5.69	41.1	7.52	52.1	10.4	57.5	12.0	62.9	13.8	65.8	14.3	67.7	14.4
	33	33.0	6.04	41.1	8.00	52.1	11.1	57.5	12.8	62.8	14.6	64.8	14.8	66.7	15.0
	35	33.0	6.40	41.1	8.50	52.1	11.8	57.5	13.7	61.8	15.2	63.8	15.3	65.7	15.5
	37	33.0	6.78	41.1	9.03	52.1	12.6	57.5	14.6	60.8	15.7	62.8	15.9	64.7	16.1
	39	33.0	7.19	41.1	9.59	52.1	13.4	57.5	15.5	59.8	16.2	61.8	16.4	63.7	16.6
110% (605)	10	30.2	3.78	37.7	4.71	47.7	6.08	52.7	6.78	57.6	7.52	67.5	9.01	76.9	10.5
	12	30.2	3.84	37.7	4.79	47.7	6.19	52.7	6.91	57.6	7.66	67.5	9.18	75.9	10.4
	14	30.2	3.90	37.7	4.87	47.7	6.30	52.7	7.04	57.6	7.80	67.5	9.36	74.9	10.4
	16	30.2	3.96	37.7	4.96	47.7	6.42	52.7	7.17	57.6	7.95	67.5	9.54	73.9	10.3
	18	30.2	4.03	37.7	5.05	47.7	6.54	52.7	7.31	57.6	8.11	67.5	9.79	72.9	10.8
	20	30.2	4.10	37.7	5.14	47.7	6.67	52.7	7.46	57.6	8.36	67.5	10.5	71.9	11.4
	21	30.2	4.14	37.7	5.19	47.7	6.74	52.7	7.62	57.6	8.66	67.5	10.9	71.4	11.6
	23	30.2	4.21	37.7	5.29	47.7	7.12	52.7	8.16	57.6	9.27	67.5	11.7	70.4	12.2
	25	30.2	4.29	37.7	5.58	47.7	7.61	52.7	8.72	57.6	9.92	67.5	12.5	69.4	12.7
	27	30.2	4.55	37.7	5.94	47.7	8.12	52.7	9.32	57.6	10.6	66.6	13.1	68.4	13.2
	29	30.2	4.84	37.7	6.32	47.7	8.66	52.7	9.94	57.6	11.3	65.6	13.6	67.4	13.8
	31	30.2	5.13	37.7	6.72	47.7	9.22	52.7	10.6	57.6	12.1	64.6	14.2	66.4	14.3
	33	30.2	5.44	37.7	7.14	47.7	9.82	52.7	11.3	57.6	12.9	63.6	14.7	65.4	14.9
	35	30.2	5.76	37.7	7.58	47.7	10.4	52.7	12.0	57.6	13.7	62.6	15.2	64.4	15.4
	37	30.2	6.10	37.7	8.04	47.7	11.1	52.7	12.8	57.6	14.6	61.6	15.8	63.4	15.9
	39	30.2	6.46	37.7	8.54	47.7	11.8	52.7	13.6	57.6	15.6	60.6	16.3	62.4	16.5
100% (550)	10	27.5	3.46	34.2	4.27	43.4	5.47	47.9	6.10	52.4	6.74	61.3	8.07	69.9	9.40
	12	27.5	3.51	34.2	4.34	43.4	5.57	47.9	6.21	52.4	6.87	61.3	8.22	69.9	9.57
	14	27.5	3.56	34.2	4.42	43.4	5.67	47.9	6.32	52.4	7.00	61.3	8.38	69.9	9.76
	16	27.5	3.62	34.2	4.49	43.4	5.77	47.9	6.44	52.4	7.13	61.3	8.54	69.9	9.95
	18	27.5	3.68	34.2	4.57	43.4	5.88	47.9	6.56	52.4	7.27	61.3	8.71	69.9	10.3
	20	27.5	3.74	34.2	4.65	43.4	6.00	47.9	6.69	52.4	7.41	61.3	9.14	69.9	11.1
	21	27.5	3.77	34.2	4.69	43.4	6.05	47.9	6.76	52.4	7.57	61.3	9.47	69.9	11.5
	23	27.5	3.83	34.2	4.78	43.4	6.27	47.9	7.15	52.4	8.10	61.3	10.1	69.1	12.1
	25	27.5	3.90	34.2	4.96	43.4	6.69	47.9	7.64	52.4	8.66	61.3	10.9	68.1	12.6
	27	27.5	4.09	34.2	5.28	43.4	7.14	47.9	8.15	52.4	9.25	61.3	11.6	67.1	13.1
	29	27.5	4.34	34.2	5.61	43.4	7.60	47.9	8.69	52.4	9.87	61.3	12.4	66.1	13.7
	31	27.5	4.60	34.2	5.96	43.4	8.09	47.9	9.26	52.4	10.5	61.3	13.2	65.1	14.2
	33	27.5	4.87	34.2	6.33	43.4	8.61	47.9	9.86	52.4	11.2	61.3	14.1	64.1	14.7
	35	27.5	5.16	34.2	6.71	43.4	9.15	47.9	10.5	52.4	11.9	61.3	15.1	63.1	15.3
	37	27.5	5.46	34.2	7.12	43.4	9.73	47.9	11.2	52.4	12.7	60.5	15.7	62.1	15.8
	39	27.5	5.77	34.2	7.54	43.4	10.3	47.9	11.9	52.4	13.5	59.5	16.2	61.1	16.4
90% (495)	10	24.7	3.15	30.8	3.85	39.1	4.89	43.1	5.43	47.2	5.99	55.2	7.15	62.9	8.32
	12	24.7	3.19	30.8	3.91	39.1	4.98	43.1	5.53	47.2	6.10	55.2	7.28	62.9	8.47
	14	24.7	3.24	30.8	3.98	39.1	5.06	43.1	5.63	47.2	6.21	55.2	7.42	62.9	8.63
	16	24.7	3.29	30.8	4.04	39.1	5.15	43.1	5.73	47.2	6.33	55.2	7.57	62.9	8.80
	18	24.7	3.34	30.8	4.11	39.1	5.25	43.1	5.84	47.2	6.45	55.2	7.71	62.9	8.98
	20	24.7	3.39	30.8	4.18	39.1	5.34	43.1	5.95	47.2	6.58	55.2	7.87	62.9	9.50
	21	24.7	3.42	30.8	4.22	39.1	5.40	43.1	6.01	47.2	6.64	55.2	8.14	62.9	9.84
	23	24.7	3.47	30.8	4.29	39.1	5.50	43.1	6.21	47.2	7.00	55.2	8.71	62.9	10.5
	25	24.7	3.53	30.8	4.38	39.1	5.84	43.1	6.63	47.2	7.48	55.2	9.32	62.9	11.3
	27	24.7	3.66	30.8	4.66	39.1	6.22	43.1	7.07	47.2	7.98	55.2	9.96	62.9	12.1
	29	24.7	3.88	30.8	4.95	39.1	6.62	43.1	7.53	47.2	8.51	55.2	10.6	62.9	12.9
	31	24.7	4.10	30.8	5.25	39.1	7.04	43.1	8.02	47.2	9.07	55.2	11.3	62.9	13.8
	33	24.7	4.34	30.8	5.57	39.1	7.48	43.1	8.53	47.2	9.65	55.2	12.1	62.8	14.6
	35	24.7	4.59	30.8	5.90	39.1	7.95	43.1	9.07	47.2	10.3	55.2	12.9	61.8	15.2
	37	24.7	4.85	30.8	6.25	39.1	8.44	43.1	9.64	47.2	10.9	55.2	13.7	60.8	15.7
	39	24.7	5.12	30.8	6.62	39.1	8.96	43.1	10.2	47.2	11.6	55.2	14.6	59.8	16.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (440)	10	22.0	2.85	27.4	3.45	34.7	4.33	38.3	4.79	41.9	5.27	49.1	6.26	55.9	7.26
	12	22.0	2.89	27.4	3.50	34.7	4.40	38.3	4.88	41.9	5.36	49.1	6.38	55.9	7.40
	14	22.0	2.93	27.4	3.56	34.7	4.48	38.3	4.96	41.9	5.46	49.1	6.49	55.9	7.54
	16	22.0	2.97	27.4	3.61	34.7	4.56	38.3	5.05	41.9	5.56	49.1	6.62	55.9	7.68
	18	22.0	3.01	27.4	3.67	34.7	4.64	38.3	5.14	41.9	5.66	49.1	6.74	55.9	7.84
	20	22.0	3.06	27.4	3.73	34.7	4.72	38.3	5.24	41.9	5.77	49.1	6.88	55.9	8.01
	21	22.0	3.08	27.4	3.76	34.7	4.76	38.3	5.28	41.9	5.83	49.1	6.95	55.9	8.29
	23	22.0	3.13	27.4	3.82	34.7	4.85	38.3	5.39	41.9	5.99	49.1	7.39	55.9	8.88
	25	22.0	3.18	27.4	3.89	34.7	5.05	38.3	5.70	41.9	6.39	49.1	7.90	55.9	9.50
	27	22.0	3.25	27.4	4.08	34.7	5.37	38.3	6.07	41.9	6.82	49.1	8.43	55.9	10.2
	29	22.0	3.44	27.4	4.33	34.7	5.71	38.3	6.46	41.9	7.26	49.1	8.99	55.9	10.8
	31	22.0	3.63	27.4	4.59	34.7	6.06	38.3	6.87	41.9	7.73	49.1	9.58	55.9	11.6
	33	22.0	3.84	27.4	4.86	34.7	6.44	38.3	7.30	41.9	8.22	49.1	10.2	55.9	12.3
	35	22.0	4.05	27.4	5.14	34.7	6.83	38.3	7.75	41.9	8.73	49.1	10.9	55.9	13.1
	37	22.0	4.28	27.4	5.44	34.7	7.24	38.3	8.23	41.9	9.28	49.1	11.6	55.9	14.0
	39	22.0	4.51	27.4	5.75	34.7	7.68	38.3	8.73	41.9	9.86	49.1	12.3	55.9	14.9
70% (385)	10	19.2	2.57	24.0	3.07	30.4	3.80	33.5	4.18	36.7	4.58	42.9	5.41	48.9	6.25
	12	19.2	2.60	24.0	3.11	30.4	3.86	33.5	4.25	36.7	4.66	42.9	5.50	48.9	6.36
	14	19.2	2.63	24.0	3.15	30.4	3.92	33.5	4.32	36.7	4.74	42.9	5.60	48.9	6.48
	16	19.2	2.67	24.0	3.20	30.4	3.99	33.5	4.40	36.7	4.82	42.9	5.71	48.9	6.60
	18	19.2	2.70	24.0	3.25	30.4	4.05	33.5	4.47	36.7	4.91	42.9	5.81	48.9	6.73
	20	19.2	2.74	24.0	3.30	30.4	4.12	33.5	4.55	36.7	5.00	42.9	5.92	48.9	6.86
	21	19.2	2.76	24.0	3.33	30.4	4.16	33.5	4.59	36.7	5.05	42.9	5.98	48.9	6.93
	23	19.2	2.80	24.0	3.38	30.4	4.23	33.5	4.68	36.7	5.14	42.9	6.18	48.9	7.37
	25	19.2	2.84	24.0	3.43	30.4	4.31	33.5	4.84	36.7	5.40	42.9	6.60	48.9	7.87
	27	19.2	2.88	24.0	3.54	30.4	4.58	33.5	5.15	36.7	5.75	42.9	7.03	48.9	8.40
	29	19.2	3.03	24.0	3.75	30.4	4.87	33.5	5.47	36.7	6.11	42.9	7.49	48.9	8.96
	31	19.2	3.20	24.0	3.97	30.4	5.16	33.5	5.81	36.7	6.50	42.9	7.97	48.9	9.55
	33	19.2	3.37	24.0	4.20	30.4	5.47	33.5	6.16	36.7	6.90	42.9	8.48	48.9	10.2
	35	19.2	3.56	24.0	4.44	30.4	5.80	33.5	6.54	36.7	7.32	42.9	9.02	48.9	10.8
	37	19.2	3.75	24.0	4.69	30.4	6.14	33.5	6.93	36.7	7.77	42.9	9.58	48.9	11.5
	39	19.2	3.95	24.0	4.95	30.4	6.50	33.5	7.34	36.7	8.24	42.9	10.2	48.9	12.3
60% (330)	10	16.5	2.30	20.5	2.70	26.0	3.30	28.7	3.61	31.4	3.93	36.8	4.60	42.0	5.28
	12	16.5	2.32	20.5	2.74	26.0	3.35	28.7	3.66	31.4	3.99	36.8	4.67	42.0	5.37
	14	16.5	2.35	20.5	2.77	26.0	3.40	28.7	3.72	31.4	4.06	36.8	4.75	42.0	5.47
	16	16.5	2.38	20.5	2.81	26.0	3.45	28.7	3.78	31.4	4.12	36.8	4.84	42.0	5.57
	18	16.5	2.41	20.5	2.85	26.0	3.50	28.7	3.84	31.4	4.19	36.8	4.92	42.0	5.67
	20	16.5	2.44	20.5	2.89	26.0	3.56	28.7	3.90	31.4	4.27	36.8	5.01	42.0	5.78
	21	16.5	2.45	20.5	2.91	26.0	3.59	28.7	3.94	31.4	4.30	36.8	5.06	42.0	5.83
	23	16.5	2.49	20.5	2.96	26.0	3.65	28.7	4.01	31.4	4.38	36.8	5.16	42.0	6.00
	25	16.5	2.52	20.5	3.00	26.0	3.71	28.7	4.08	31.4	4.49	36.8	5.42	42.0	6.40
	27	16.5	2.55	20.5	3.05	26.0	3.86	28.7	4.30	31.4	4.77	36.8	5.77	42.0	6.83
	29	16.5	2.65	20.5	3.22	26.0	4.10	28.7	4.57	31.4	5.07	36.8	6.13	42.0	7.27
	31	16.5	2.79	20.5	3.40	26.0	4.34	28.7	4.84	31.4	5.38	36.8	6.52	42.0	7.74
	33	16.5	2.94	20.5	3.59	26.0	4.59	28.7	5.13	31.4	5.70	36.8	6.93	42.0	8.23
	35	16.5	3.09	20.5	3.79	26.0	4.86	28.7	5.43	31.4	6.04	36.8	7.35	42.0	8.74
	37	16.5	3.26	20.5	4.00	26.0	5.14	28.7	5.75	31.4	6.40	36.8	7.80	42.0	9.29
	39	16.5	3.42	20.5	4.22	26.0	5.43	28.7	6.08	31.4	6.78	36.8	8.28	42.0	9.87
50% (275)	10	13.7	2.04	17.1	2.36	21.7	2.82	23.9	3.07	26.2	3.32	30.7	3.84	35.0	4.36
	12	13.7	2.06	17.1	2.39	21.7	2.86	23.9	3.11	26.2	3.36	30.7	3.90	35.0	4.44
	14	13.7	2.08	17.1	2.42	21.7	2.90	23.9	3.15	26.2	3.41	30.7	3.96	35.0	4.51
	16	13.7	2.11	17.1	2.44	21.7	2.94	23.9	3.20	26.2	3.47	30.7	4.02	35.0	4.59
	18	13.7	2.13	17.1	2.48	21.7	2.98	23.9	3.25	26.2	3.52	30.7	4.09	35.0	4.67
	20	13.7	2.15	17.1	2.51	21.7	3.03	23.9	3.30	26.2	3.58	30.7	4.16	35.0	4.75
	21	13.7	2.16	17.1	2.52	21.7	3.05	23.9	3.32	26.2	3.61	30.7	4.20	35.0	4.80
	23	13.7	2.19	17.1	2.56	21.7	3.10	23.9	3.38	26.2	3.67	30.7	4.27	35.0	4.89
	25	13.7	2.22	17.1	2.59	21.7	3.14	23.9	3.43	26.2	3.73	30.7	4.36	35.0	5.09
	27	13.7	2.24	17.1	2.63	21.7	3.21	23.9	3.54	26.2	3.89	30.7	4.63	35.0	5.42
	29	13.7	2.29	17.1	2.73	21.7	3.40	23.9	3.75	26.2	4.12	30.7	4.92	35.0	5.76
	31	13.7	2.41	17.1	2.88	21.7	3.59	23.9	3.97	26.2	4.37	30.7	5.22	35.0	6.12
	33	13.7	2.54	17.1	3.04	21.7	3.79	23.9	4.20	26.2	4.62	30.7	5.53	35.0	6.49
	35	13.7	2.67	17.1	3.20	21.7	4.00	23.9	4.43	26.2	4.89	30.7	5.86	35.0	6.89
	37	13.7	2.80	17.1	3.37	21.7	4.22	23.9	4.68	26.2	5.17	30.7	6.21	35.0	7.31
	39	13.7	2.94	17.1	3.54	21.7	4.46	23.9	4.95	26.2	5.47	30.7	6.58	35.0	7.75

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ24TSY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (780)	10	38.9	4.93	48.5	6.22	61.5	8.11	67.8	9.08	74.2	10.1	84.3	11.5	86.6	11.0
	12	38.9	5.01	48.5	6.33	61.5	8.26	67.8	9.25	74.2	10.3	83.2	11.4	85.5	10.9
	14	38.9	5.10	48.5	6.45	61.5	8.41	67.8	9.43	74.2	10.5	82.2	11.3	84.4	11.0
	16	38.9	5.18	48.5	6.56	61.5	8.58	67.8	9.61	74.2	10.7	81.1	11.4	83.3	11.6
	18	38.9	5.28	48.5	6.69	61.5	8.75	67.8	9.80	74.2	11.0	80.0	12.0	82.3	12.1
	20	38.9	5.37	48.5	6.82	61.5	8.96	67.8	10.3	74.2	11.8	78.9	12.6	81.2	12.7
	21	38.9	5.42	48.5	6.88	61.5	9.28	67.8	10.7	74.2	12.2	78.3	12.9	80.6	13.0
	23	38.9	5.52	48.5	7.17	61.5	9.94	67.8	11.5	74.2	13.1	77.3	13.5	79.5	13.6
	25	38.9	5.77	48.5	7.65	61.5	10.6	67.8	12.3	73.8	13.9	76.2	14.1	78.4	14.2
	27	38.9	6.14	48.5	8.16	61.5	11.4	67.8	13.1	72.7	14.5	75.1	14.7	77.4	14.8
	29	38.9	6.53	48.5	8.70	61.5	12.1	67.8	14.0	71.6	15.1	74.0	15.3	76.3	15.4
	31	38.9	6.94	48.5	9.26	61.5	12.9	67.8	15.0	70.5	15.7	72.9	15.9	75.2	16.1
	33	38.9	7.37	48.5	9.85	61.5	13.8	67.8	16.0	69.4	16.3	71.8	16.5	74.1	16.7
	35	38.9	7.82	48.5	10.5	61.5	14.7	67.2	16.8	68.3	16.9	70.7	17.1	73.0	17.3
	37	38.9	8.30	48.5	11.1	61.5	15.7	66.1	17.3	67.3	17.5	69.6	17.7	71.9	17.9
	39	38.9	8.80	48.5	11.8	61.5	16.7	65.0	17.9	66.2	18.1	68.5	18.3	70.8	18.5
120% (720)	10	35.9	4.55	44.8	5.71	56.7	7.40	62.6	8.28	68.5	9.18	80.2	11.0	85.2	11.3
	12	35.9	4.62	44.8	5.80	56.7	7.54	62.6	8.44	68.5	9.36	80.2	11.2	84.1	11.2
	14	35.9	4.70	44.8	5.91	56.7	7.68	62.6	8.60	68.5	9.54	80.2	11.4	83.0	11.2
	16	35.9	4.78	44.8	6.02	56.7	7.83	62.6	8.76	68.5	9.72	79.8	11.6	81.9	11.5
	18	35.9	4.86	44.8	6.13	56.7	7.98	62.6	8.94	68.5	9.91	78.7	11.9	80.8	12.1
	20	35.9	4.95	44.8	6.24	56.7	8.14	62.6	9.20	68.5	10.5	77.6	12.5	79.7	12.7
	21	35.9	4.99	44.8	6.30	56.7	8.29	62.6	9.53	68.5	10.9	77.1	12.8	79.2	12.9
	23	35.9	5.08	44.8	6.46	56.7	8.88	62.6	10.2	68.5	11.6	76.0	13.4	78.1	13.5
	25	35.9	5.24	44.8	6.89	56.7	9.49	62.6	10.9	68.5	12.5	74.9	14.0	77.0	14.1
	27	35.9	5.57	44.8	7.34	56.7	10.1	62.6	11.7	68.5	13.3	73.8	14.6	75.9	14.7
	29	35.9	5.92	44.8	7.82	56.7	10.8	62.6	12.5	68.5	14.2	72.7	15.2	74.8	15.3
	31	35.9	6.29	44.8	8.32	56.7	11.5	62.6	13.3	68.5	15.2	71.6	15.8	73.7	15.9
	33	35.9	6.67	44.8	8.84	56.7	12.3	62.6	14.2	68.4	16.2	70.6	16.4	72.7	16.5
	35	35.9	7.08	44.8	9.40	56.7	13.1	62.6	15.1	67.3	16.8	69.5	17.0	71.6	17.2
	37	35.9	7.50	44.8	9.98	56.7	13.9	62.6	16.1	66.2	17.4	68.4	17.6	70.5	17.8
	39	35.9	7.95	44.8	10.6	56.7	14.8	62.6	17.2	65.1	17.9	67.3	18.2	69.4	18.4
110% (660)	10	32.9	4.18	41.0	5.21	52.0	6.72	57.4	7.50	62.8	8.31	73.5	9.96	83.8	11.6
	12	32.9	4.25	41.0	5.30	52.0	6.84	57.4	7.64	62.8	8.46	73.5	10.1	82.7	11.5
	14	32.9	4.31	41.0	5.39	52.0	6.96	57.4	7.78	62.8	8.62	73.5	10.3	81.6	11.5
	16	32.9	4.38	41.0	5.48	52.0	7.09	57.4	7.93	62.8	8.79	73.5	10.5	80.5	11.4
	18	32.9	4.46	41.0	5.58	52.0	7.23	57.4	8.09	62.8	8.97	73.5	10.8	79.4	12.0
	20	32.9	4.53	41.0	5.68	52.0	7.37	57.4	8.25	62.8	9.24	73.5	11.6	78.3	12.6
	21	32.9	4.57	41.0	5.74	52.0	7.45	57.4	8.43	62.8	9.57	73.5	12.1	77.8	12.9
	23	32.9	4.65	41.0	5.85	52.0	7.87	57.4	9.02	62.8	10.3	73.5	12.9	76.7	13.5
	25	32.9	4.74	41.0	6.17	52.0	8.41	57.4	9.64	62.8	11.0	73.5	13.8	75.6	14.0
	27	32.9	5.04	41.0	6.57	52.0	8.97	57.4	10.3	62.8	11.7	72.6	14.5	74.5	14.6
	29	32.9	5.35	41.0	6.99	52.0	9.57	57.4	11.0	62.8	12.5	71.5	15.1	73.4	15.2
	31	32.9	5.67	41.0	7.43	52.0	10.2	57.4	11.7	62.8	13.4	70.4	15.7	72.3	15.8
	33	32.9	6.01	41.0	7.89	52.0	10.9	57.4	12.5	62.8	14.2	69.3	16.3	71.2	16.4
	35	32.9	6.37	41.0	8.38	52.0	11.6	57.4	13.3	62.8	15.2	68.2	16.8	70.1	17.0
	37	32.9	6.74	41.0	8.89	52.0	12.3	57.4	14.2	62.8	16.2	67.1	17.4	69.1	17.6
	39	32.9	7.14	41.0	9.44	52.0	13.1	57.4	15.1	62.8	17.2	66.0	18.0	68.0	18.2
100% (600)	10	29.9	3.82	37.3	4.72	47.3	6.05	52.2	6.74	57.1	7.45	66.8	8.92	76.2	10.4
	12	29.9	3.88	37.3	4.80	47.3	6.16	52.2	6.86	57.1	7.59	66.8	9.09	76.2	10.6
	14	29.9	3.94	37.3	4.88	47.3	6.27	52.2	6.99	57.1	7.73	66.8	9.26	76.2	10.8
	16	29.9	4.00	37.3	4.97	47.3	6.38	52.2	7.12	57.1	7.88	66.8	9.44	76.2	11.0
	18	29.9	4.07	37.3	5.05	47.3	6.50	52.2	7.26	57.1	8.04	66.8	9.63	76.2	11.4
	20	29.9	4.13	37.3	5.14	47.3	6.63	52.2	7.40	57.1	8.20	66.8	10.1	76.2	12.3
	21	29.9	4.17	37.3	5.19	47.3	6.69	52.2	7.47	57.1	8.36	66.8	10.5	76.2	12.7
	23	29.9	4.24	37.3	5.29	47.3	6.93	52.2	7.91	57.1	8.95	66.8	11.2	75.3	13.4
	25	29.9	4.31	37.3	5.49	47.3	7.40	52.2	8.45	57.1	9.57	66.8	12.0	74.2	13.9
	27	29.9	4.52	37.3	5.84	47.3	7.89	52.2	9.01	57.1	10.2	66.8	12.8	73.1	14.5
	29	29.9	4.80	37.3	6.20	47.3	8.40	52.2	9.61	57.1	10.9	66.8	13.7	72.0	15.1
	31	29.9	5.09	37.3	6.59	47.3	8.95	52.2	10.2	57.1	11.6	66.8	14.6	70.9	15.7
	33	29.9	5.39	37.3	6.99	47.3	9.52	52.2	10.9	57.1	12.4	66.8	15.6	69.8	16.3
	35	29.9	5.70	37.3	7.42	47.3	10.1	52.2	11.6	57.1	13.2	66.8	16.7	68.7	16.9
	37	29.9	6.03	37.3	7.87	47.3	10.8	52.2	12.3	57.1	14.1	65.9	17.3	67.6	17.5
	39	29.9	6.38	37.3	8.34	47.3	11.4	52.2	13.1	57.1	15.0	64.8	17.9	66.5	18.1
90% (540)	10	26.9	3.48	33.6	4.26	42.5	5.41	47.0	6.01	51.4	6.63	60.1	7.91	68.6	9.19
	12	26.9	3.53	33.6	4.33	42.5	5.50	47.0	6.11	51.4	6.75	60.1	8.05	68.6	9.37
	14	26.9	3.58	33.6	4.40	42.5	5.60	47.0	6.22	51.4	6.87	60.1	8.21	68.6	9.55
	16	26.9	3.64	33.6	4.47	42.5	5.70	47.0	6.34	51.4	7.00	60.1	8.36	68.6	9.73
	18	26.9	3.69	33.6	4.54	42.5	5.80	47.0	6.45	51.4	7.13	60.1	8.53	68.6	9.93
	20	26.9	3.75	33.6	4.62	42.5	5.91	47.0	6.58	51.4	7.27	60.1	8.70	68.6	10.5
	21	26.9	3.78	33.6	4.66	42.5	5.96	47.0	6.64	51.4	7.34	60.1	9.00	68.6	10.9
	23	26.9	3.84	33.6	4.75	42.5	6.08	47.0	6.87	51.4	7.74	60.1	9.63	68.6	11.7
	25	26.9	3.90	33.6	4.85	42.5	6.45	47.0	7.33	51.4	8.27	60.1	10.3	68.6	12.5
	27	26.9	4.04	33.6	5.15	42.5	6.88	47.0	7.82	51.4	8.83	60.1	11.0	68.6	13.3
	29	26.9	4.28	33.6	5.47	42.5	7.32	47.0	8.33	51.4	9.41	60.1	11.7	68.6	14.3
	31	26.9	4.54	33.6	5.80	42.5	7.78	47.0	8.86	51.4	10.0	60.1	12.5	68.6	15.2
	33	26.9	4.80	33.6	6.15	42.5	8.27	47.0	9.43	51.4	10.7	60.1	13.4	68.4	16.2
	35	26.9	5.07	33.6	6.52	42.5	8.79	47.0	10.0	51.4	11.4	60.1	14.2	67.3	16.8
	37	26.9	5.36	33.6	6.91	42.5	9.33	47.0	10.7	51.4	12.1	60.1	15.2	66.2	17.4
	39	26.9	5.66	33.6	7.31	42.5	9.90	47.0	11.3	51.4	12.8	60.1	16.1	65.1	17.9

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (480)	10	23.9	3.15	29.8	3.82	37.8	4.79	41.7	5.30	45.7	5.83	53.4	6.92	60.9	8.03
	12	23.9	3.20	29.8	3.87	37.8	4.87	41.7	5.39	45.7	5.93	53.4	7.05	60.9	8.18
	14	23.9	3.24	29.8	3.93	37.8	4.95	41.7	5.48	45.7	6.04	53.4	7.18	60.9	8.33
	16	23.9	3.28	29.8	3.99	37.8	5.04	41.7	5.58	45.7	6.15	53.4	7.32	60.9	8.50
	18	23.9	3.33	29.8	4.06	37.8	5.13	41.7	5.68	45.7	6.26	53.4	7.46	60.9	8.66
	20	23.9	3.38	29.8	4.12	37.8	5.22	41.7	5.79	45.7	6.38	53.4	7.60	60.9	8.86
	21	23.9	3.41	29.8	4.16	37.8	5.26	41.7	5.84	45.7	6.44	53.4	7.68	60.9	9.17
	23	23.9	3.46	29.8	4.23	37.8	5.36	41.7	5.95	45.7	6.63	53.4	8.17	60.9	9.82
	25	23.9	3.51	29.8	4.30	37.8	5.58	41.7	6.30	45.7	7.07	53.4	8.73	60.9	10.5
	27	23.9	3.59	29.8	4.51	37.8	5.94	41.7	6.71	45.7	7.54	53.4	9.32	60.9	11.2
	29	23.9	3.80	29.8	4.79	37.8	6.31	41.7	7.14	45.7	8.03	53.4	9.94	60.9	12.0
	31	23.9	4.02	29.8	5.07	37.8	6.70	41.7	7.59	45.7	8.54	53.4	10.6	60.9	12.8
	33	23.9	4.25	29.8	5.37	37.8	7.12	41.7	8.07	45.7	9.08	53.4	11.3	60.9	13.6
	35	23.9	4.48	29.8	5.68	37.8	7.55	41.7	8.57	45.7	9.65	53.4	12.0	60.9	14.5
	37	23.9	4.73	29.8	6.01	37.8	8.01	41.7	9.09	45.7	10.3	53.4	12.8	60.9	15.5
	39	23.9	4.99	29.8	6.36	37.8	8.49	41.7	9.65	45.7	10.9	53.4	13.6	60.9	16.5
70% (420)	10	20.9	2.84	26.1	3.39	33.1	4.20	36.5	4.63	40.0	5.07	46.8	5.98	53.3	6.91
	12	20.9	2.87	26.1	3.44	33.1	4.27	36.5	4.70	40.0	5.15	46.8	6.08	53.3	7.03
	14	20.9	2.91	26.1	3.49	33.1	4.34	36.5	4.78	40.0	5.24	46.8	6.19	53.3	7.16
	16	20.9	2.95	26.1	3.54	33.1	4.41	36.5	4.86	40.0	5.33	46.8	6.31	53.3	7.30
	18	20.9	2.99	26.1	3.59	33.1	4.48	36.5	4.94	40.0	5.43	46.8	6.43	53.3	7.44
	20	20.9	3.03	26.1	3.65	33.1	4.56	36.5	5.03	40.0	5.53	46.8	6.55	53.3	7.58
	21	20.9	3.05	26.1	3.68	33.1	4.60	36.5	5.08	40.0	5.58	46.8	6.61	53.3	7.66
	23	20.9	3.09	26.1	3.73	33.1	4.68	36.5	5.17	40.0	5.68	46.8	6.83	53.3	8.15
	25	20.9	3.14	26.1	3.80	33.1	4.77	36.5	5.35	40.0	5.97	46.8	7.29	53.3	8.70
	27	20.9	3.19	26.1	3.92	33.1	5.07	36.5	5.69	40.0	6.35	46.8	7.78	53.3	9.29
	29	20.9	3.35	26.1	4.15	33.1	5.38	36.5	6.05	40.0	6.76	46.8	8.28	53.3	9.91
	31	20.9	3.53	26.1	4.39	33.1	5.71	36.5	6.42	40.0	7.18	46.8	8.82	53.3	10.6
	33	20.9	3.73	26.1	4.64	33.1	6.05	36.5	6.81	40.0	7.63	46.8	9.38	53.3	11.2
	35	20.9	3.93	26.1	4.91	33.1	6.41	36.5	7.23	40.0	8.10	46.8	9.97	53.3	12.0
	37	20.9	4.14	26.1	5.18	33.1	6.79	36.5	7.66	40.0	8.59	46.8	10.6	53.3	12.7
	39	20.9	4.37	26.1	5.47	33.1	7.19	36.5	8.12	40.0	9.11	46.8	11.3	53.3	13.5
60% (360)	10	18.0	2.54	22.4	2.99	28.4	3.65	31.3	3.99	34.2	4.34	40.1	5.08	45.7	5.83
	12	18.0	2.57	22.4	3.03	28.4	3.70	31.3	4.05	34.2	4.41	40.1	5.17	45.7	5.94
	14	18.0	2.60	22.4	3.07	28.4	3.75	31.3	4.11	34.2	4.48	40.1	5.26	45.7	6.04
	16	18.0	2.63	22.4	3.11	28.4	3.81	31.3	4.18	34.2	4.56	40.1	5.35	45.7	6.15
	18	18.0	2.66	22.4	3.15	28.4	3.87	31.3	4.25	34.2	4.64	40.1	5.44	45.7	6.27
	20	18.0	2.70	22.4	3.20	28.4	3.93	31.3	4.32	34.2	4.72	40.1	5.54	45.7	6.39
	21	18.0	2.71	22.4	3.22	28.4	3.96	31.3	4.35	34.2	4.76	40.1	5.60	45.7	6.45
	23	18.0	2.75	22.4	3.27	28.4	4.03	31.3	4.43	34.2	4.84	40.1	5.70	45.7	6.63
	25	18.0	2.78	22.4	3.32	28.4	4.10	31.3	4.51	34.2	4.96	40.1	5.99	45.7	7.08
	27	18.0	2.82	22.4	3.37	28.4	4.27	31.3	4.76	34.2	5.27	40.1	6.38	45.7	7.55
	29	18.0	2.93	22.4	3.56	28.4	4.53	31.3	5.05	34.2	5.60	40.1	6.78	45.7	8.04
	31	18.0	3.08	22.4	3.76	28.4	4.80	31.3	5.35	34.2	5.94	40.1	7.21	45.7	8.55
	33	18.0	3.25	22.4	3.97	28.4	5.08	31.3	5.67	34.2	6.30	40.1	7.66	45.7	9.09
	35	18.0	3.42	22.4	4.19	28.4	5.37	31.3	6.01	34.2	6.68	40.1	8.13	45.7	9.67
	37	18.0	3.60	22.4	4.42	28.4	5.68	31.3	6.36	34.2	7.08	40.1	8.63	45.7	10.3
	39	18.0	3.78	22.4	4.66	28.4	6.00	31.3	6.73	34.2	7.50	40.1	9.15	45.7	10.9
50% (300)	10	15.0	2.26	18.7	2.61	23.6	3.12	26.1	3.39	28.5	3.67	33.4	4.24	38.1	4.83
	12	15.0	2.28	18.7	2.64	23.6	3.16	26.1	3.44	28.5	3.72	33.4	4.31	38.1	4.90
	14	15.0	2.30	18.7	2.67	23.6	3.21	26.1	3.48	28.5	3.77	33.4	4.38	38.1	4.99
	16	15.0	2.33	18.7	2.70	23.6	3.25	26.1	3.54	28.5	3.83	33.4	4.45	38.1	5.07
	18	15.0	2.35	18.7	2.74	23.6	3.30	26.1	3.59	28.5	3.89	33.4	4.52	38.1	5.16
	20	15.0	2.38	18.7	2.77	23.6	3.35	26.1	3.64	28.5	3.95	33.4	4.60	38.1	5.26
	21	15.0	2.39	18.7	2.79	23.6	3.37	26.1	3.67	28.5	3.99	33.4	4.64	38.1	5.30
	23	15.0	2.42	18.7	2.83	23.6	3.42	26.1	3.73	28.5	4.05	33.4	4.72	38.1	5.40
	25	15.0	2.45	18.7	2.87	23.6	3.48	26.1	3.79	28.5	4.12	33.4	4.82	38.1	5.63
	27	15.0	2.48	18.7	2.91	23.6	3.55	26.1	3.91	28.5	4.30	33.4	5.12	38.1	5.99
	29	15.0	2.54	18.7	3.02	23.6	3.75	26.1	4.14	28.5	4.56	33.4	5.44	38.1	6.37
	31	15.0	2.67	18.7	3.19	23.6	3.97	26.1	4.39	28.5	4.83	33.4	5.77	38.1	6.76
	33	15.0	2.81	18.7	3.36	23.6	4.19	26.1	4.64	28.5	5.11	33.4	6.12	38.1	7.18
	35	15.0	2.95	18.7	3.54	23.6	4.43	26.1	4.90	28.5	5.41	33.4	6.48	38.1	7.62
	37	15.0	3.10	18.7	3.72	23.6	4.67	26.1	5.18	28.5	5.72	33.4	6.87	38.1	8.08
	39	15.0	3.25	18.7	3.92	23.6	4.93	26.1	5.47	28.5	6.04	33.4	7.27	38.1	8.57

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ26TSY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (845)	10	42.0	5.62	52.4	7.09	66.4	9.25	73.3	10.4	80.2	11.5	91.1	13.1	93.6	12.5
	12	42.0	5.71	52.4	7.22	66.4	9.42	73.3	10.6	80.2	11.7	90.0	13.0	92.4	12.4
	14	42.0	5.81	52.4	7.35	66.4	9.60	73.3	10.8	80.2	11.9	88.8	12.9	91.2	12.5
	16	42.0	5.91	52.4	7.49	66.4	9.78	73.3	11.0	80.2	12.2	87.6	13.0	90.1	13.2
	18	42.0	6.02	52.4	7.63	66.4	9.98	73.3	11.2	80.2	12.5	86.4	13.7	88.9	13.9
	20	42.0	6.13	52.4	7.78	66.4	10.2	73.3	11.8	80.2	13.5	85.2	14.4	87.7	14.5
	21	42.0	6.18	52.4	7.85	66.4	10.6	73.3	12.2	80.2	14.0	84.7	14.7	87.1	14.9
	23	42.0	6.30	52.4	8.18	66.4	11.3	73.3	13.1	80.2	15.0	83.5	15.4	85.9	15.6
	25	42.0	6.58	52.4	8.73	66.4	12.1	73.3	14.0	79.7	15.9	82.3	16.1	84.8	16.2
	27	42.0	7.01	52.4	9.31	66.4	13.0	73.3	15.0	78.6	16.5	81.1	16.7	83.6	16.9
	29	42.0	7.45	52.4	9.92	66.4	13.8	73.3	16.0	77.4	17.2	79.9	17.4	82.4	17.6
	31	42.0	7.92	52.4	10.6	66.4	14.8	73.3	17.1	76.2	17.9	78.8	18.1	81.2	18.3
	33	42.0	8.41	52.4	11.2	66.4	15.7	73.3	18.2	75.0	18.6	77.6	18.8	80.1	19.0
	35	42.0	8.92	52.4	12.0	66.4	16.8	72.6	19.1	73.9	19.2	76.4	19.5	78.9	19.7
	37	42.0	9.46	52.4	12.7	66.4	17.9	71.4	19.8	72.7	19.9	75.2	20.2	77.7	20.4
	39	42.0	10.0	52.4	13.5	66.4	19.0	70.2	20.5	71.5	20.6	74.1	20.9	76.5	21.1
120% (780)	10	38.8	5.19	48.4	6.51	61.3	8.44	67.7	9.44	74.0	10.5	86.6	12.6	92.1	12.9
	12	38.8	5.27	48.4	6.62	61.3	8.60	67.7	9.62	74.0	10.7	86.6	12.8	90.9	12.8
	14	38.8	5.36	48.4	6.74	61.3	8.76	67.7	9.80	74.0	10.9	86.6	13.0	89.7	12.7
	16	38.8	5.45	48.4	6.86	61.3	8.93	67.7	9.99	74.0	11.1	86.2	13.2	88.5	13.1
	18	38.8	5.54	48.4	6.99	61.3	9.10	67.7	10.2	74.0	11.3	85.1	13.6	87.3	13.8
	20	38.8	5.64	48.4	7.12	61.3	9.28	67.7	10.5	74.0	12.0	83.9	14.3	86.2	14.4
	21	38.8	5.69	48.4	7.19	61.3	9.46	67.7	10.9	74.0	12.4	83.3	14.6	85.6	14.8
	23	38.8	5.80	48.4	7.36	61.3	10.1	67.7	11.6	74.0	13.3	82.1	15.3	84.4	15.4
	25	38.8	5.98	48.4	7.86	61.3	10.8	67.7	12.5	74.0	14.2	81.0	16.0	83.2	16.1
	27	38.8	6.36	48.4	8.37	61.3	11.6	67.7	13.3	74.0	15.2	79.8	16.6	82.0	16.8
	29	38.8	6.76	48.4	8.92	61.3	12.3	67.7	14.2	74.0	16.2	78.6	17.3	80.9	17.5
	31	38.8	7.17	48.4	9.49	61.3	13.1	67.7	15.2	74.0	17.3	77.4	18.0	79.7	18.2
	33	38.8	7.61	48.4	10.1	61.3	14.0	67.7	16.2	73.9	18.4	76.2	18.7	78.5	18.9
	35	38.8	8.07	48.4	10.7	61.3	14.9	67.7	17.2	72.7	19.1	75.1	19.3	77.3	19.6
	37	38.8	8.55	48.4	11.4	61.3	15.9	67.7	18.4	71.5	19.8	73.9	20.0	76.2	20.3
	39	38.8	9.06	48.4	12.1	61.3	16.9	67.7	19.6	70.3	20.5	72.7	20.7	75.0	21.0
110% (715)	10	35.6	4.77	44.3	5.94	56.2	7.66	62.0	8.55	67.9	9.48	79.4	11.4	90.5	13.2
	12	35.6	4.84	44.3	6.04	56.2	7.80	62.0	8.71	67.9	9.65	79.4	11.6	89.3	13.2
	14	35.6	4.92	44.3	6.14	56.2	7.94	62.0	8.88	67.9	9.84	79.4	11.8	88.2	13.1
	16	35.6	5.00	44.3	6.25	56.2	8.09	62.0	9.05	67.9	10.0	79.4	12.0	87.0	13.0
	18	35.6	5.08	44.3	6.37	56.2	8.25	62.0	9.22	67.9	10.2	79.4	12.3	85.8	13.7
	20	35.6	5.17	44.3	6.48	56.2	8.41	62.0	9.41	67.9	10.5	79.4	13.3	84.6	14.3
	21	35.6	5.21	44.3	6.54	56.2	8.49	62.0	9.61	67.9	10.9	79.4	13.7	84.0	14.7
	23	35.6	5.31	44.3	6.67	56.2	8.98	62.0	10.3	67.9	11.7	79.4	14.7	82.9	15.3
	25	35.6	5.40	44.3	7.03	56.2	9.59	62.0	11.0	67.9	12.5	79.4	15.8	81.7	16.0
	27	35.6	5.74	44.3	7.49	56.2	10.2	62.0	11.7	67.9	13.4	78.4	16.5	80.5	16.7
	29	35.6	6.10	44.3	7.97	56.2	10.9	62.0	12.5	67.9	14.3	77.2	17.2	79.3	17.4
	31	35.6	6.47	44.3	8.47	56.2	11.6	62.0	13.4	67.9	15.2	76.1	17.9	78.2	18.0
	33	35.6	6.86	44.3	9.00	56.2	12.4	62.0	14.2	67.9	16.2	74.9	18.5	77.0	18.7
	35	35.6	7.26	44.3	9.56	56.2	13.2	62.0	15.2	67.9	17.3	73.7	19.2	75.8	19.4
	37	35.6	7.69	44.3	10.1	56.2	14.0	62.0	16.2	67.9	18.5	72.5	19.9	74.6	20.1
	39	35.6	8.14	44.3	10.8	56.2	14.9	62.0	17.2	67.9	19.7	71.4	20.6	73.4	20.8
100% (650)	10	32.3	4.36	40.3	5.39	51.1	6.90	56.4	7.69	61.7	8.50	72.2	10.2	82.3	11.8
	12	32.3	4.43	40.3	5.48	51.1	7.02	56.4	7.83	61.7	8.66	72.2	10.4	82.3	12.1
	14	32.3	4.50	40.3	5.57	51.1	7.15	56.4	7.97	61.7	8.82	72.2	10.6	82.3	12.3
	16	32.3	4.57	40.3	5.66	51.1	7.28	56.4	8.12	61.7	8.99	72.2	10.8	82.3	12.5
	18	32.3	4.64	40.3	5.76	51.1	7.42	56.4	8.28	61.7	9.17	72.2	11.0	82.3	13.0
	20	32.3	4.71	40.3	5.87	51.1	7.56	56.4	8.44	61.7	9.35	72.2	11.5	82.3	14.0
	21	32.3	4.75	40.3	5.92	51.1	7.63	56.4	8.52	61.7	9.54	72.2	11.9	82.3	14.5
	23	32.3	4.84	40.3	6.03	51.1	7.91	56.4	9.02	61.7	10.2	72.2	12.8	81.3	15.2
	25	32.3	4.92	40.3	6.26	51.1	8.44	56.4	9.63	61.7	10.9	72.2	13.7	80.1	15.9
	27	32.3	5.16	40.3	6.66	51.1	9.00	56.4	10.3	61.7	11.7	72.2	14.6	79.0	16.6
	29	32.3	5.47	40.3	7.08	51.1	9.59	56.4	11.0	61.7	12.4	72.2	15.6	77.8	17.2
	31	32.3	5.80	40.3	7.52	51.1	10.2	56.4	11.7	61.7	13.3	72.2	16.7	76.6	17.9
	33	32.3	6.14	40.3	7.98	51.1	10.9	56.4	12.4	61.7	14.1	72.2	17.8	75.4	18.6
	35	32.3	6.50	40.3	8.46	51.1	11.5	56.4	13.2	61.7	15.1	72.2	19.0	74.3	19.3
	37	32.3	6.88	40.3	8.97	51.1	12.3	56.4	14.1	61.7	16.0	71.2	19.8	73.1	19.9
	39	32.3	7.28	40.3	9.51	51.1	13.0	56.4	15.0	61.7	17.1	70.0	20.4	71.9	20.6
90% (585)	10	29.1	3.97	36.3	4.86	46.0	6.17	50.7	6.85	55.5	7.56	65.0	9.02	74.1	10.5
	12	29.1	4.03	36.3	4.94	46.0	6.27	50.7	6.97	55.5	7.69	65.0	9.19	74.1	10.7
	14	29.1	4.09	36.3	5.02	46.0	6.38	50.7	7.10	55.5	7.84	65.0	9.36	74.1	10.9
	16	29.1	4.15	36.3	5.10	46.0	6.50	50.7	7.23	55.5	7.98	65.0	9.54	74.1	11.1
	18	29.1	4.21	36.3	5.18	46.0	6.62	50.7	7.36	55.5	8.14	65.0	9.73	74.1	11.3
	20	29.1	4.28	36.3	5.27	46.0	6.74	50.7	7.50	55.5	8.29	65.0	9.92	74.1	12.0
	21	29.1	4.31	36.3	5.32	46.0	6.80	50.7	7.58	55.5	8.38	65.0	10.3	74.1	12.4
	23	29.1	4.38	36.3	5.41	46.0	6.93	50.7	7.84	55.5	8.83	65.0	11.0	74.1	13.3
	25	29.1	4.45	36.3	5.53	46.0	7.36	50.7	8.36	55.5	9.43	65.0	11.8	74.1	14.2
	27	29.1	4.61	36.3	5.88	46.0	7.84	50.7	8.92	55.5	10.1	65.0	12.6	74.1	15.2
	29	29.1	4.89	36.3	6.24	46.0	8.35	50.7	9.50	55.5	10.7	65.0	13.4	74.1	16.3
	31	29.1	5.17	36.3	6.62	46.0	8.88	50.7	10.1	55.5	11.4	65.0	14.3	74.1	17.4
	33	29.1	5.47	36.3	7.02	46.0	9.43	50.7	10.8	55.5	12.2	65.0	15.2	73.9	18.4
	35	29.1	5.79	36.3	7.44	46.0	10.0	50.7	11.4	55.5	13.0	65.0	16.2	72.7	19.1
	37	29.1	6.11	36.3	7.88	46.0	10.6	50.7	12.2	55.5	13.8	65.0	17.3	71.5	19.8
	39	29.1	6.46	36.3	8.34	46.0	11.3	50.7	12.9	55.5	14.6	65.0	18.4	70.4	20.5

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (520)	10	25.9	3.60	32.2	4.35	40.9	5.46	45.1	6.05	49.3	6.65	57.7	7.90	65.9	9.16
	12	25.9	3.65	32.2	4.42	40.9	5.55	45.1	6.15	49.3	6.76	57.7	8.04	65.9	9.33
	14	25.9	3.69	32.2	4.48	40.9	5.65	45.1	6.25	49.3	6.89	57.7	8.19	65.9	9.51
	16	25.9	3.75	32.2	4.55	40.9	5.74	45.1	6.37	49.3	7.01	57.7	8.34	65.9	9.69
	18	25.9	3.80	32.2	4.63	40.9	5.85	45.1	6.48	49.3	7.14	57.7	8.50	65.9	9.88
	20	25.9	3.86	32.2	4.70	40.9	5.95	45.1	6.60	49.3	7.28	57.7	8.67	65.9	10.1
	21	25.9	3.89	32.2	4.74	40.9	6.01	45.1	6.66	49.3	7.35	57.7	8.76	65.9	10.5
	23	25.9	3.94	32.2	4.82	40.9	6.12	45.1	6.79	49.3	7.56	57.7	9.32	65.9	11.2
	25	25.9	4.01	32.2	4.91	40.9	6.36	45.1	7.19	49.3	8.06	57.7	9.96	65.9	12.0
	27	25.9	4.10	32.2	5.15	40.9	6.77	45.1	7.65	49.3	8.60	57.7	10.6	65.9	12.8
	29	25.9	4.33	32.2	5.46	40.9	7.20	45.1	8.14	49.3	9.15	57.7	11.3	65.9	13.7
	31	25.9	4.58	32.2	5.78	40.9	7.65	45.1	8.66	49.3	9.74	57.7	12.1	65.9	14.6
	33	25.9	4.84	32.2	6.13	40.9	8.12	45.1	9.20	49.3	10.4	57.7	12.9	65.9	15.5
	35	25.9	5.11	32.2	6.48	40.9	8.61	45.1	9.77	49.3	11.0	57.7	13.7	65.9	16.6
	37	25.9	5.40	32.2	6.86	40.9	9.13	45.1	10.4	49.3	11.7	57.7	14.6	65.9	17.6
	39	25.9	5.69	32.2	7.25	40.9	9.68	45.1	11.0	49.3	12.4	57.7	15.5	65.9	18.8
70% (455)	10	22.6	3.24	28.2	3.87	35.8	4.79	39.5	5.28	43.2	5.78	50.5	6.82	57.6	7.88
	12	22.6	3.28	28.2	3.92	35.8	4.87	39.5	5.36	43.2	5.88	50.5	6.94	57.6	8.02
	14	22.6	3.32	28.2	3.98	35.8	4.95	39.5	5.45	43.2	5.98	50.5	7.06	57.6	8.17
	16	22.6	3.36	28.2	4.04	35.8	5.03	39.5	5.54	43.2	6.08	50.5	7.19	57.6	8.32
	18	22.6	3.41	28.2	4.10	35.8	5.11	39.5	5.64	43.2	6.19	50.5	7.33	57.6	8.48
	20	22.6	3.46	28.2	4.16	35.8	5.20	39.5	5.74	43.2	6.30	50.5	7.47	57.6	8.65
	21	22.6	3.48	28.2	4.19	35.8	5.24	39.5	5.79	43.2	6.36	50.5	7.54	57.6	8.74
	23	22.6	3.53	28.2	4.26	35.8	5.34	39.5	5.90	43.2	6.48	50.5	7.79	57.6	9.29
	25	22.6	3.58	28.2	4.33	35.8	5.44	39.5	6.10	43.2	6.80	50.5	8.32	57.6	9.93
	27	22.6	3.63	28.2	4.47	35.8	5.78	39.5	6.49	43.2	7.24	50.5	8.87	57.6	10.6
	29	22.6	3.82	28.2	4.73	35.8	6.14	39.5	6.90	43.2	7.71	50.5	9.45	57.6	11.3
	31	22.6	4.03	28.2	5.01	35.8	6.51	39.5	7.32	43.2	8.19	50.5	10.1	57.6	12.0
	33	22.6	4.25	28.2	5.30	35.8	6.90	39.5	7.77	43.2	8.70	50.5	10.7	57.6	12.8
	35	22.6	4.48	28.2	5.60	35.8	7.31	39.5	8.24	43.2	9.23	50.5	11.4	57.6	13.7
	37	22.6	4.73	28.2	5.91	35.8	7.74	39.5	8.74	43.2	9.80	50.5	12.1	57.6	14.5
	39	22.6	4.98	28.2	6.24	35.8	8.20	39.5	9.26	43.2	10.4	50.5	12.8	57.6	15.5
60% (390)	10	19.4	2.90	24.2	3.41	30.7	4.16	33.8	4.55	37.0	4.95	43.3	5.80	49.4	6.65
	12	19.4	2.93	24.2	3.45	30.7	4.22	33.8	4.62	37.0	5.03	43.3	5.89	49.4	6.77
	14	19.4	2.96	24.2	3.50	30.7	4.28	33.8	4.69	37.0	5.11	43.3	6.00	49.4	6.89
	16	19.4	3.00	24.2	3.55	30.7	4.35	33.8	4.76	37.0	5.20	43.3	6.10	49.4	7.02
	18	19.4	3.04	24.2	3.59	30.7	4.41	33.8	4.84	37.0	5.29	43.3	6.21	49.4	7.15
	20	19.4	3.07	24.2	3.65	30.7	4.49	33.8	4.92	37.0	5.38	43.3	6.32	49.4	7.28
	21	19.4	3.09	24.2	3.67	30.7	4.52	33.8	4.96	37.0	5.43	43.3	6.38	49.4	7.35
	23	19.4	3.13	24.2	3.73	30.7	4.60	33.8	5.05	37.0	5.52	43.3	6.50	49.4	7.57
	25	19.4	3.18	24.2	3.78	30.7	4.68	33.8	5.14	37.0	5.66	43.3	6.83	49.4	8.07
	27	19.4	3.22	24.2	3.84	30.7	4.87	33.8	5.43	37.0	6.01	43.3	7.27	49.4	8.61
	29	19.4	3.34	24.2	4.06	30.7	5.16	33.8	5.76	37.0	6.39	43.3	7.74	49.4	9.17
	31	19.4	3.52	24.2	4.29	30.7	5.47	33.8	6.10	37.0	6.78	43.3	8.22	49.4	9.75
	33	19.4	3.71	24.2	4.53	30.7	5.79	33.8	6.47	37.0	7.19	43.3	8.73	49.4	10.4
	35	19.4	3.90	24.2	4.78	30.7	6.12	33.8	6.85	37.0	7.62	43.3	9.27	49.4	11.0
	37	19.4	4.10	24.2	5.04	30.7	6.48	33.8	7.25	37.0	8.07	43.3	9.84	49.4	11.7
	39	19.4	4.32	24.2	5.32	30.7	6.84	33.8	7.67	37.0	8.55	43.3	10.4	49.4	12.4
50% (325)	10	16.2	2.58	20.2	2.98	25.5	3.56	28.2	3.87	30.8	4.18	36.1	4.84	41.2	5.50
	12	16.2	2.60	20.2	3.01	25.5	3.61	28.2	3.92	30.8	4.24	36.1	4.91	41.2	5.59
	14	16.2	2.63	20.2	3.05	25.5	3.66	28.2	3.97	30.8	4.30	36.1	4.99	41.2	5.69
	16	16.2	2.66	20.2	3.08	25.5	3.71	28.2	4.03	30.8	4.37	36.1	5.07	41.2	5.79
	18	16.2	2.68	20.2	3.12	25.5	3.76	28.2	4.09	30.8	4.44	36.1	5.16	41.2	5.89
	20	16.2	2.71	20.2	3.16	25.5	3.82	28.2	4.16	30.8	4.51	36.1	5.25	41.2	5.99
	21	16.2	2.73	20.2	3.18	25.5	3.84	28.2	4.19	30.8	4.55	36.1	5.29	41.2	6.05
	23	16.2	2.76	20.2	3.22	25.5	3.90	28.2	4.26	30.8	4.62	36.1	5.39	41.2	6.16
	25	16.2	2.79	20.2	3.27	25.5	3.96	28.2	4.33	30.8	4.70	36.1	5.50	41.2	6.42
	27	16.2	2.83	20.2	3.31	25.5	4.05	28.2	4.46	30.8	4.90	36.1	5.84	41.2	6.83
	29	16.2	2.89	20.2	3.45	25.5	4.28	28.2	4.73	30.8	5.20	36.1	6.20	41.2	7.26
	31	16.2	3.04	20.2	3.63	25.5	4.53	28.2	5.00	30.8	5.51	36.1	6.58	41.2	7.71
	33	16.2	3.20	20.2	3.83	25.5	4.78	28.2	5.29	30.8	5.83	36.1	6.98	41.2	8.19
	35	16.2	3.36	20.2	4.03	25.5	5.05	28.2	5.59	30.8	6.17	36.1	7.39	41.2	8.69
	37	16.2	3.53	20.2	4.25	25.5	5.33	28.2	5.91	30.8	6.52	36.1	7.83	41.2	9.21
	39	16.2	3.71	20.2	4.47	25.5	5.62	28.2	6.24	30.8	6.89	36.1	8.29	41.2	9.77

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ28TSY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (910)	10	45.6	5.96	56.8	7.52	72.0	9.80	79.5	11.0	86.9	12.2	98.8	13.9	101	13.3
	12	45.6	6.06	56.8	7.65	72.0	9.98	79.5	11.2	86.9	12.4	97.5	13.8	100	13.2
	14	45.6	6.16	56.8	7.79	72.0	10.2	79.5	11.4	86.9	12.6	96.3	13.7	98.9	13.3
	16	45.6	6.27	56.8	7.94	72.0	10.4	79.5	11.6	86.9	12.9	95.0	13.8	97.7	14.0
	18	45.6	6.38	56.8	8.09	72.0	10.6	79.5	11.8	86.9	13.3	93.7	14.5	96.4	14.7
	20	45.6	6.49	56.8	8.24	72.0	10.8	79.5	12.5	86.9	14.3	92.4	15.2	95.1	15.4
	21	45.6	6.55	56.8	8.32	72.0	11.2	79.5	12.9	86.9	14.8	91.8	15.6	94.5	15.8
	23	45.6	6.68	56.8	8.67	72.0	12.0	79.5	13.9	86.9	15.9	90.5	16.3	93.2	16.5
	25	45.6	6.98	56.8	9.25	72.0	12.9	79.5	14.8	86.5	16.8	89.2	17.0	91.9	17.2
	27	45.6	7.43	56.8	9.87	72.0	13.7	79.5	15.9	85.2	17.5	88.0	17.7	90.6	17.9
	29	45.6	7.90	56.8	10.5	72.0	14.7	79.5	17.0	83.9	18.2	86.7	18.5	89.4	18.7
	31	45.6	8.39	56.8	11.2	72.0	15.6	79.5	18.1	82.6	18.9	85.4	19.2	88.1	19.4
	33	45.6	8.91	56.8	11.9	72.0	16.7	79.5	19.3	81.4	19.7	84.1	19.9	86.8	20.1
	35	45.6	9.46	56.8	12.7	72.0	17.8	78.7	20.2	80.1	20.4	82.9	20.6	85.5	20.9
	37	45.6	10.0	56.8	13.5	72.0	18.9	77.4	21.0	78.8	21.1	81.6	21.4	84.2	21.6
	39	45.6	10.6	56.8	14.3	72.0	20.2	76.1	21.7	77.5	21.8	80.3	22.1	83.0	22.4
120% (840)	10	42.1	5.50	52.4	6.90	66.5	8.95	73.4	10.0	80.3	11.1	93.9	13.3	99.8	13.6
	12	42.1	5.59	52.4	7.02	66.5	9.11	73.4	10.2	80.3	11.3	93.9	13.6	98.5	13.6
	14	42.1	5.68	52.4	7.14	66.5	9.28	73.4	10.4	80.3	11.5	93.9	13.8	97.3	13.5
	16	42.1	5.78	52.4	7.27	66.5	9.46	73.4	10.6	80.3	11.8	93.5	14.0	96.0	13.9
	18	42.1	5.87	52.4	7.41	66.5	9.65	73.4	10.8	80.3	12.0	92.2	14.4	94.7	14.6
	20	42.1	5.98	52.4	7.55	66.5	9.84	73.4	11.1	80.3	12.7	91.0	15.1	93.4	15.3
	21	42.1	6.03	52.4	7.62	66.5	10.0	73.4	11.5	80.3	13.1	90.3	15.5	92.8	15.7
	23	42.1	6.14	52.4	7.81	66.5	10.7	73.4	12.3	80.3	14.1	89.0	16.2	91.5	16.4
	25	42.1	6.34	52.4	8.33	66.5	11.5	73.4	13.2	80.3	15.1	87.8	16.9	90.2	17.1
	27	42.1	6.74	52.4	8.88	66.5	12.2	73.4	14.1	80.3	16.1	86.5	17.6	89.0	17.8
	29	42.1	7.16	52.4	9.45	66.5	13.1	73.4	15.1	80.3	17.2	85.2	18.3	87.7	18.5
	31	42.1	7.60	52.4	10.1	66.5	13.9	73.4	16.1	80.3	18.4	83.9	19.1	86.4	19.3
	33	42.1	8.07	52.4	10.7	66.5	14.8	73.4	17.1	80.1	19.6	82.7	19.8	85.1	20.0
	35	42.1	8.55	52.4	11.4	66.5	15.8	73.4	18.3	78.8	20.3	81.4	20.5	83.9	20.7
	37	42.1	9.07	52.4	12.1	66.5	16.8	73.4	19.5	77.6	21.0	80.1	21.2	82.6	21.5
	39	42.1	9.61	52.4	12.8	66.5	17.9	73.4	20.7	76.3	21.7	78.8	22.0	81.3	22.2
110% (770)	10	38.6	5.05	48.1	6.29	60.9	8.12	67.2	9.07	73.6	10.0	86.1	12.0	98.1	14.0
	12	38.6	5.13	48.1	6.40	60.9	8.27	67.2	9.23	73.6	10.2	86.1	12.3	96.9	13.9
	14	38.6	5.21	48.1	6.51	60.9	8.42	67.2	9.41	73.6	10.4	86.1	12.5	95.6	13.9
	16	38.6	5.30	48.1	6.63	60.9	8.58	67.2	9.59	73.6	10.6	86.1	12.7	94.3	13.8
	18	38.6	5.39	48.1	6.75	60.9	8.74	67.2	9.77	73.6	10.8	86.1	13.1	93.0	14.5
	20	38.6	5.48	48.1	6.87	60.9	8.91	67.2	9.97	73.6	11.2	86.1	14.1	91.8	15.2
	21	38.6	5.53	48.1	6.94	60.9	9.00	67.2	10.2	73.6	11.6	86.1	14.6	91.1	15.5
	23	38.6	5.62	48.1	7.07	60.9	9.52	67.2	10.9	73.6	12.4	86.1	15.6	89.8	16.3
	25	38.6	5.73	48.1	7.45	60.9	10.2	67.2	11.7	73.6	13.3	86.1	16.7	88.6	17.0
	27	38.6	6.09	48.1	7.94	60.9	10.8	67.2	12.5	73.6	14.2	85.0	17.5	87.3	17.7
	29	38.6	6.46	48.1	8.45	60.9	11.6	67.2	13.3	73.6	15.1	83.8	18.2	86.0	18.4
	31	38.6	6.86	48.1	8.98	60.9	12.3	67.2	14.2	73.6	16.1	82.5	18.9	84.7	19.1
	33	38.6	7.27	48.1	9.54	60.9	13.1	67.2	15.1	73.6	17.2	81.2	19.6	83.5	19.8
	35	38.6	7.70	48.1	10.1	60.9	14.0	67.2	16.1	73.6	18.4	79.9	20.4	82.2	20.6
	37	38.6	8.15	48.1	10.8	60.9	14.9	67.2	17.1	73.6	19.6	78.6	21.1	80.9	21.3
	39	38.6	8.63	48.1	11.4	60.9	15.8	67.2	18.2	73.6	20.8	77.4	21.8	79.6	22.0
100% (700)	10	35.1	4.62	43.7	5.71	55.4	7.31	61.1	8.15	66.9	9.01	78.3	10.8	89.3	12.6
	12	35.1	4.69	43.7	5.81	55.4	7.44	61.1	8.30	66.9	9.18	78.3	11.0	89.3	12.8
	14	35.1	4.76	43.7	5.90	55.4	7.58	61.1	8.45	66.9	9.35	78.3	11.2	89.3	13.0
	16	35.1	4.84	43.7	6.00	55.4	7.72	61.1	8.61	66.9	9.53	78.3	11.4	89.3	13.3
	18	35.1	4.92	43.7	6.11	55.4	7.86	61.1	8.77	66.9	9.71	78.3	11.6	89.3	13.8
	20	35.1	5.00	43.7	6.22	55.4	8.01	61.1	8.95	66.9	9.91	78.3	12.2	89.3	14.8
	21	35.1	5.04	43.7	6.27	55.4	8.09	61.1	9.03	66.9	10.1	78.3	12.7	89.3	15.4
	23	35.1	5.12	43.7	6.39	55.4	8.38	61.1	9.56	66.9	10.8	78.3	13.6	88.2	16.1
	25	35.1	5.21	43.7	6.63	55.4	8.94	61.1	10.2	66.9	11.6	78.3	14.5	86.9	16.9
	27	35.1	5.47	43.7	7.06	55.4	9.54	61.1	10.9	66.9	12.4	78.3	15.5	85.6	17.6
	29	35.1	5.80	43.7	7.50	55.4	10.2	61.1	11.6	66.9	13.2	78.3	16.6	84.3	18.3
	31	35.1	6.15	43.7	7.97	55.4	10.8	61.1	12.4	66.9	14.1	78.3	17.7	83.1	19.0
	33	35.1	6.51	43.7	8.46	55.4	11.5	61.1	13.2	66.9	15.0	78.3	18.9	81.8	19.7
	35	35.1	6.89	43.7	8.97	55.4	12.2	61.1	14.0	66.9	16.0	78.3	20.1	80.5	20.4
	37	35.1	7.29	43.7	9.51	55.4	13.0	61.1	14.9	66.9	17.0	77.2	20.9	79.2	21.1
	39	35.1	7.71	43.7	10.1	55.4	13.8	61.1	15.9	66.9	18.1	75.9	21.7	78.0	21.9
90% (630)	10	31.6	4.21	39.3	5.15	49.9	6.54	55.0	7.26	60.2	8.01	70.4	9.56	80.3	11.1
	12	31.6	4.27	39.3	5.23	49.9	6.65	55.0	7.39	60.2	8.15	70.4	9.73	80.3	11.3
	14	31.6	4.33	39.3	5.32	49.9	6.77	55.0	7.52	60.2	8.30	70.4	9.92	80.3	11.5
	16	31.6	4.40	39.3	5.40	49.9	6.89	55.0	7.66	60.2	8.46	70.4	10.1	80.3	11.8
	18	31.6	4.46	39.3	5.49	49.9	7.01	55.0	7.80	60.2	8.62	70.4	10.3	80.3	12.0
	20	31.6	4.53	39.3	5.59	49.9	7.14	55.0	7.95	60.2	8.79	70.4	10.5	80.3	12.7
	21	31.6	4.57	39.3	5.64	49.9	7.21	55.0	8.03	60.2	8.88	70.4	10.9	80.3	13.1
	23	31.6	4.64	39.3	5.74	49.9	7.35	55.0	8.30	60.2	9.36	70.4	11.6	80.3	14.1
	25	31.6	4.72	39.3	5.86	49.9	7.80	55.0	8.86	60.2	10.0	70.4	12.5	80.3	15.1
	27	31.6	4.89	39.3	6.23	49.9	8.31	55.0	9.45	60.2	10.7	70.4	13.3	80.3	16.1
	29	31.6	5.18	39.3	6.61	49.9	8.85	55.0	10.1	60.2	11.4	70.4	14.2	80.3	17.2
	31	31.6	5.48	39.3	7.02	49.9	9.41	55.0	10.7	60.2	12.1	70.4	15.2	80.3	18.4
	33	31.6	5.80	39.3	7.44	49.9	10.0	55.0	11.4	60.2	12.9	70.4	16.2	80.1	19.6
	35	31.6	6.13	39.3	7.88	49.9	10.6	55.0	12.1	60.2	13.7	70.4	17.2	78.8	20.3
	37	31.6	6.48	39.3	8.35	49.9	11.3	55.0	12.9	60.2	14.6	70.4	18.3	77.6	21.0
	39	31.6	6.84	39.3	8.84	49.9	12.0	55.0	13.7	60.2	15.5	70.4	19.5	76.3	21.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (560)	10	28.0	3.81	35.0	4.61	44.3	5.79	48.9	6.41	53.5	7.05	62.6	8.37	71.4	9.71
	12	28.0	3.86	35.0	4.68	44.3	5.89	48.9	6.52	53.5	7.17	62.6	8.52	71.4	9.89
	14	28.0	3.92	35.0	4.75	44.3	5.99	48.9	6.63	53.5	7.30	62.6	8.68	71.4	10.1
	16	28.0	3.97	35.0	4.83	44.3	6.09	48.9	6.75	53.5	7.43	62.6	8.84	71.4	10.3
	18	28.0	4.03	35.0	4.90	44.3	6.20	48.9	6.87	53.5	7.57	62.6	9.01	71.4	10.5
	20	28.0	4.09	35.0	4.98	44.3	6.31	48.9	7.00	53.5	7.71	62.6	9.19	71.4	10.7
	21	28.0	4.12	35.0	5.03	44.3	6.36	48.9	7.06	53.5	7.79	62.6	9.28	71.4	11.1
	23	28.0	4.18	35.0	5.11	44.3	6.48	48.9	7.20	53.5	8.01	62.6	9.88	71.4	11.9
	25	28.0	4.25	35.0	5.20	44.3	6.74	48.9	7.62	53.5	8.55	62.6	10.6	71.4	12.7
	27	28.0	4.34	35.0	5.45	44.3	7.18	48.9	8.11	53.5	9.11	62.6	11.3	71.4	13.6
	29	28.0	4.59	35.0	5.78	44.3	7.63	48.9	8.63	53.5	9.70	62.6	12.0	71.4	14.5
	31	28.0	4.86	35.0	6.13	44.3	8.10	48.9	9.18	53.5	10.3	62.6	12.8	71.4	15.5
	33	28.0	5.13	35.0	6.49	44.3	8.60	48.9	9.75	53.5	11.0	62.6	13.6	71.4	16.5
	35	28.0	5.42	35.0	6.87	44.3	9.13	48.9	10.4	53.5	11.7	62.6	14.5	71.4	17.6
	37	28.0	5.72	35.0	7.27	44.3	9.68	48.9	11.0	53.5	12.4	62.6	15.4	71.4	18.7
	39	28.0	6.03	35.0	7.69	44.3	10.3	48.9	11.7	53.5	13.2	62.6	16.4	71.4	19.9
70% (490)	10	24.5	3.43	30.6	4.10	38.8	5.08	42.8	5.59	46.8	6.12	54.8	7.23	62.5	8.35
	12	24.5	3.48	30.6	4.16	38.8	5.16	42.8	5.68	46.8	6.23	54.8	7.36	62.5	8.50
	14	24.5	3.52	30.6	4.22	38.8	5.24	42.8	5.78	46.8	6.33	54.8	7.49	62.5	8.66
	16	24.5	3.56	30.6	4.28	38.8	5.33	42.8	5.88	46.8	6.44	54.8	7.62	62.5	8.82
	18	24.5	3.61	30.6	4.34	38.8	5.42	42.8	5.98	46.8	6.56	54.8	7.77	62.5	8.99
	20	24.5	3.66	30.6	4.41	38.8	5.51	42.8	6.08	46.8	6.68	54.8	7.92	62.5	9.17
	21	24.5	3.69	30.6	4.44	38.8	5.56	42.8	6.14	46.8	6.74	54.8	7.99	62.5	9.26
	23	24.5	3.74	30.6	4.51	38.8	5.66	42.8	6.25	46.8	6.87	54.8	8.26	62.5	9.85
	25	24.5	3.80	30.6	4.59	38.8	5.76	42.8	6.47	46.8	7.21	54.8	8.82	62.5	10.5
	27	24.5	3.85	30.6	4.73	38.8	6.13	42.8	6.88	46.8	7.68	54.8	9.40	62.5	11.2
	29	24.5	4.05	30.6	5.02	38.8	6.50	42.8	7.31	46.8	8.17	54.8	10.0	62.5	12.0
	31	24.5	4.27	30.6	5.31	38.8	6.90	42.8	7.76	46.8	8.68	54.8	10.7	62.5	12.8
	33	24.5	4.51	30.6	5.61	38.8	7.31	42.8	8.24	46.8	9.22	54.8	11.3	62.5	13.6
	35	24.5	4.75	30.6	5.93	38.8	7.75	42.8	8.74	46.8	9.79	54.8	12.1	62.5	14.5
	37	24.5	5.01	30.6	6.27	38.8	8.21	42.8	9.26	46.8	10.4	54.8	12.8	62.5	15.4
	39	24.5	5.28	30.6	6.62	38.8	8.69	42.8	9.82	46.8	11.0	54.8	13.6	62.5	16.4
60% (420)	10	21.0	3.07	26.2	3.61	33.2	4.41	36.7	4.82	40.1	5.25	47.0	6.14	53.6	7.05
	12	21.0	3.11	26.2	3.66	33.2	4.47	36.7	4.89	40.1	5.33	47.0	6.25	53.6	7.18
	14	21.0	3.14	26.2	3.71	33.2	4.54	36.7	4.97	40.1	5.42	47.0	6.35	53.6	7.30
	16	21.0	3.18	26.2	3.76	33.2	4.61	36.7	5.05	40.1	5.51	47.0	6.47	53.6	7.44
	18	21.0	3.22	26.2	3.81	33.2	4.68	36.7	5.13	40.1	5.60	47.0	6.58	53.6	7.58
	20	21.0	3.26	26.2	3.86	33.2	4.75	36.7	5.22	40.1	5.70	47.0	6.70	53.6	7.72
	21	21.0	3.28	26.2	3.89	33.2	4.79	36.7	5.26	40.1	5.75	47.0	6.76	53.6	7.80
	23	21.0	3.32	26.2	3.95	33.2	4.87	36.7	5.35	40.1	5.85	47.0	6.89	53.6	8.02
	25	21.0	3.37	26.2	4.01	33.2	4.96	36.7	5.45	40.1	6.00	47.0	7.24	53.6	8.56
	27	21.0	3.41	26.2	4.07	33.2	5.16	36.7	5.75	40.1	6.37	47.0	7.71	53.6	9.12
	29	21.0	3.54	26.2	4.30	33.2	5.47	36.7	6.10	40.1	6.77	47.0	8.20	53.6	9.71
	31	21.0	3.73	26.2	4.55	33.2	5.80	36.7	6.47	40.1	7.18	47.0	8.71	53.6	10.3
	33	21.0	3.93	26.2	4.80	33.2	6.14	36.7	6.86	40.1	7.62	47.0	9.26	53.6	11.0
	35	21.0	4.13	26.2	5.07	33.2	6.49	36.7	7.26	40.1	8.08	47.0	9.83	53.6	11.7
	37	21.0	4.35	26.2	5.34	33.2	6.86	36.7	7.68	40.1	8.56	47.0	10.4	53.6	12.4
	39	21.0	4.57	26.2	5.63	33.2	7.25	36.7	8.13	40.1	9.06	47.0	11.1	53.6	13.2
50% (350)	10	17.5	2.73	21.9	3.15	27.7	3.77	30.6	4.10	33.4	4.43	39.1	5.13	44.6	5.83
	12	17.5	2.76	21.9	3.19	27.7	3.82	30.6	4.15	33.4	4.50	39.1	5.21	44.6	5.93
	14	17.5	2.78	21.9	3.23	27.7	3.88	30.6	4.21	33.4	4.56	39.1	5.29	44.6	6.03
	16	17.5	2.81	21.9	3.27	27.7	3.93	30.6	4.27	33.4	4.63	39.1	5.38	44.6	6.13
	18	17.5	2.84	21.9	3.31	27.7	3.99	30.6	4.34	33.4	4.71	39.1	5.47	44.6	6.24
	20	17.5	2.88	21.9	3.35	27.7	4.04	30.6	4.41	33.4	4.78	39.1	5.56	44.6	6.35
	21	17.5	2.89	21.9	3.37	27.7	4.07	30.6	4.44	33.4	4.82	39.1	5.61	44.6	6.41
	23	17.5	2.93	21.9	3.42	27.7	4.14	30.6	4.51	33.4	4.90	39.1	5.71	44.6	6.53
	25	17.5	2.96	21.9	3.46	27.7	4.20	30.6	4.59	33.4	4.98	39.1	5.82	44.6	6.80
	27	17.5	3.00	21.9	3.51	27.7	4.29	30.6	4.73	33.4	5.20	39.1	6.19	44.6	7.24
	29	17.5	3.07	21.9	3.65	27.7	4.54	30.6	5.01	33.4	5.51	39.1	6.57	44.6	7.69
	31	17.5	3.23	21.9	3.85	27.7	4.80	30.6	5.30	33.4	5.84	39.1	6.97	44.6	8.17
	33	17.5	3.39	21.9	4.06	27.7	5.07	30.6	5.61	33.4	6.18	39.1	7.39	44.6	8.68
	35	17.5	3.56	21.9	4.28	27.7	5.35	30.6	5.93	33.4	6.54	39.1	7.84	44.6	9.21
	37	17.5	3.74	21.9	4.50	27.7	5.65	30.6	6.26	33.4	6.91	39.1	8.30	44.6	9.77
	39	17.5	3.93	21.9	4.73	27.7	5.96	30.6	6.61	33.4	7.31	39.1	8.79	44.6	10.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ30TSY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (975)	10	48.5	6.60	60.4	8.33	76.6	10.9	84.5	12.2	92.5	13.5	105	15.4	108	14.7
	12	48.5	6.71	60.4	8.48	76.6	11.1	84.5	12.4	92.5	13.8	104	15.3	107	14.6
	14	48.5	6.83	60.4	8.64	76.6	11.3	84.5	12.6	92.5	14.0	102	15.2	105	14.7
	16	48.5	6.95	60.4	8.80	76.6	11.5	84.5	12.9	92.5	14.3	101	15.3	104	15.5
	18	48.5	7.07	60.4	8.96	76.6	11.7	84.5	13.1	92.5	14.7	99.7	16.1	103	16.3
	20	48.5	7.20	60.4	9.14	76.6	12.0	84.5	13.8	92.5	15.8	98.3	16.9	101	17.1
	21	48.5	7.26	60.4	9.23	76.6	12.4	84.5	14.3	92.5	16.4	97.6	17.3	100	17.5
	23	48.5	7.40	60.4	9.60	76.6	13.3	84.5	15.4	92.5	17.6	96.3	18.1	99.1	18.3
	25	48.5	7.73	60.4	10.3	76.6	14.2	84.5	16.5	92.0	18.6	94.9	18.9	97.8	19.1
	27	48.5	8.23	60.4	10.9	76.6	15.2	84.5	17.6	90.6	19.4	93.6	19.7	96.4	19.9
	29	48.5	8.75	60.4	11.7	76.6	16.3	84.5	18.8	89.3	20.2	92.2	20.5	95.0	20.7
	31	48.5	9.30	60.4	12.4	76.6	17.3	84.5	20.1	87.9	21.0	90.8	21.3	93.7	21.5
	33	48.5	9.88	60.4	13.2	76.6	18.5	84.5	21.4	86.5	21.8	89.5	22.1	92.3	22.3
	35	48.5	10.5	60.4	14.0	76.6	19.7	83.7	22.4	85.2	22.6	88.1	22.9	91.0	23.2
	37	48.5	11.1	60.4	14.9	76.6	21.0	82.3	23.2	83.8	23.4	86.8	23.7	89.6	24.0
	39	48.5	11.8	60.4	15.9	76.6	22.4	81.0	24.0	82.5	24.2	85.4	24.5	88.3	24.8
120% (900)	10	44.7	6.10	55.8	7.65	70.7	9.92	78.0	11.1	85.4	12.3	99.9	14.8	106	15.1
	12	44.7	6.19	55.8	7.78	70.7	10.1	78.0	11.3	85.4	12.5	99.9	15.0	105	15.0
	14	44.7	6.30	55.8	7.92	70.7	10.3	78.0	11.5	85.4	12.8	99.9	15.3	103	14.9
	16	44.7	6.40	55.8	8.06	70.7	10.5	78.0	11.7	85.4	13.0	99.5	15.5	102	15.4
	18	44.7	6.51	55.8	8.21	70.7	10.7	78.0	12.0	85.4	13.3	98.1	16.0	101	16.2
	20	44.7	6.63	55.8	8.37	70.7	10.9	78.0	12.3	85.4	14.0	96.8	16.8	99.4	17.0
	21	44.7	6.69	55.8	8.45	70.7	11.1	78.0	12.8	85.4	14.6	96.1	17.2	98.7	17.4
	23	44.7	6.81	55.8	8.65	70.7	11.9	78.0	13.7	85.4	15.6	94.7	18.0	97.3	18.1
	25	44.7	7.02	55.8	9.23	70.7	12.7	78.0	14.6	85.4	16.7	93.4	18.7	96.0	18.9
	27	44.7	7.47	55.8	9.84	70.7	13.6	78.0	15.6	85.4	17.9	92.0	19.5	94.6	19.7
	29	44.7	7.94	55.8	10.5	70.7	14.5	78.0	16.7	85.4	19.1	90.6	20.3	93.3	20.5
	31	44.7	8.43	55.8	11.1	70.7	15.4	78.0	17.8	85.4	20.4	89.3	21.1	91.9	21.4
	33	44.7	8.94	55.8	11.9	70.7	16.5	78.0	19.0	85.2	21.7	87.9	21.9	90.6	22.2
	35	44.7	9.48	55.8	12.6	70.7	17.5	78.0	20.3	83.8	22.5	86.6	22.7	89.2	23.0
	37	44.7	10.1	55.8	13.4	70.7	18.7	78.0	21.6	82.5	23.3	85.2	23.5	87.8	23.8
	39	44.7	10.6	55.8	14.2	70.7	19.9	78.0	23.0	81.1	24.0	83.9	24.3	86.5	24.6
110% (825)	10	41.0	5.60	51.1	6.98	64.8	9.00	71.5	10.0	78.3	11.1	91.6	13.3	104	15.5
	12	41.0	5.69	51.1	7.10	64.8	9.16	71.5	10.2	78.3	11.3	91.6	13.6	103	15.5
	14	41.0	5.78	51.1	7.22	64.8	9.33	71.5	10.4	78.3	11.6	91.6	13.9	102	15.4
	16	41.0	5.87	51.1	7.35	64.8	9.51	71.5	10.6	78.3	11.8	91.6	14.1	100	15.3
	18	41.0	5.97	51.1	7.48	64.8	9.69	71.5	10.8	78.3	12.0	91.6	14.5	99.0	16.1
	20	41.0	6.07	51.1	7.62	64.8	9.88	71.5	11.1	78.3	12.4	91.6	15.6	97.6	16.8
	21	41.0	6.13	51.1	7.69	64.8	9.98	71.5	11.3	78.3	12.8	91.6	16.2	96.9	17.2
	23	41.0	6.23	51.1	7.83	64.8	10.5	71.5	12.1	78.3	13.7	91.6	17.3	95.6	18.0
	25	41.0	6.35	51.1	8.26	64.8	11.3	71.5	12.9	78.3	14.7	91.6	18.6	94.2	18.8
	27	41.0	6.75	51.1	8.80	64.8	12.0	71.5	13.8	78.3	15.7	90.4	19.4	92.9	19.6
	29	41.0	7.16	51.1	9.36	64.8	12.8	71.5	14.7	78.3	16.8	89.1	20.2	91.5	20.4
	31	41.0	7.60	51.1	9.95	64.8	13.7	71.5	15.7	78.3	17.9	87.7	21.0	90.1	21.2
	33	41.0	8.06	51.1	10.6	64.8	14.5	71.5	16.7	78.3	19.1	86.4	21.8	88.8	22.0
	35	41.0	8.53	51.1	11.2	64.8	15.5	71.5	17.8	78.3	20.3	85.0	22.6	87.4	22.8
	37	41.0	9.04	51.1	11.9	64.8	16.5	71.5	19.0	78.3	21.7	83.7	23.4	86.1	23.6
	39	41.0	9.57	51.1	12.6	64.8	17.5	71.5	20.2	78.3	23.1	82.3	24.2	84.7	24.4
100% (750)	10	37.3	5.13	46.5	6.33	58.9	8.11	65.0	9.03	71.1	9.99	83.3	12.0	94.9	13.9
	12	37.3	5.20	46.5	6.43	58.9	8.25	65.0	9.20	71.1	10.2	83.3	12.2	94.9	14.2
	14	37.3	5.28	46.5	6.54	58.9	8.40	65.0	9.36	71.1	10.4	83.3	12.4	94.9	14.5
	16	37.3	5.36	46.5	6.65	58.9	8.55	65.0	9.54	71.1	10.6	83.3	12.7	94.9	14.7
	18	37.3	5.45	46.5	6.77	58.9	8.71	65.0	9.72	71.1	10.8	83.3	12.9	94.9	15.3
	20	37.3	5.54	46.5	6.89	58.9	8.88	65.0	9.92	71.1	11.0	83.3	13.5	94.9	16.5
	21	37.3	5.59	46.5	6.95	58.9	8.97	65.0	10.0	71.1	11.2	83.3	14.0	94.9	17.1
	23	37.3	5.68	46.5	7.08	58.9	9.29	65.0	10.6	71.1	12.0	83.3	15.0	93.8	17.9
	25	37.3	5.78	46.5	7.35	58.9	9.91	65.0	11.3	71.1	12.8	83.3	16.1	92.4	18.7
	27	37.3	6.06	46.5	7.82	58.9	10.6	65.0	12.1	71.1	13.7	83.3	17.2	91.1	19.5
	29	37.3	6.43	46.5	8.31	58.9	11.3	65.0	12.9	71.1	14.6	83.3	18.4	89.7	20.3
	31	37.3	6.82	46.5	8.83	58.9	12.0	65.0	13.7	71.1	15.6	83.3	19.6	88.4	21.0
	33	37.3	7.22	46.5	9.37	58.9	12.8	65.0	14.6	71.1	16.6	83.3	20.9	87.0	21.8
	35	37.3	7.64	46.5	9.94	58.9	13.6	65.0	15.5	71.1	17.7	83.3	22.3	85.6	22.6
	37	37.3	8.08	46.5	10.5	58.9	14.4	65.0	16.5	71.1	18.8	82.1	23.2	84.3	23.4
	39	37.3	8.55	46.5	11.2	58.9	15.3	65.0	17.6	71.1	20.0	80.7	24.0	82.9	24.2
90% (675)	10	33.6	4.67	41.8	5.71	53.0	7.25	58.5	8.05	64.0	8.88	74.9	10.6	85.4	12.3
	12	33.6	4.73	41.8	5.80	53.0	7.37	58.5	8.19	64.0	9.04	74.9	10.8	85.4	12.6
	14	33.6	4.80	41.8	5.89	53.0	7.50	58.5	8.34	64.0	9.21	74.9	11.0	85.4	12.8
	16	33.6	4.87	41.8	5.99	53.0	7.63	58.5	8.49	64.0	9.38	74.9	11.2	85.4	13.0
	18	33.6	4.95	41.8	6.09	53.0	7.77	58.5	8.65	64.0	9.56	74.9	11.4	85.4	13.3
	20	33.6	5.02	41.8	6.19	53.0	7.92	58.5	8.82	64.0	9.74	74.9	11.7	85.4	14.1
	21	33.6	5.06	41.8	6.25	53.0	7.99	58.5	8.90	64.0	9.84	74.9	12.1	85.4	14.6
	23	33.6	5.15	41.8	6.36	53.0	8.15	58.5	9.21	64.0	10.4	74.9	12.9	85.4	15.6
	25	33.6	5.23	41.8	6.49	53.0	8.65	58.5	9.83	64.0	11.1	74.9	13.8	85.4	16.7
	27	33.6	5.42	41.8	6.90	53.0	9.21	58.5	10.5	64.0	11.8	74.9	14.7	85.4	17.9
	29	33.6	5.74	41.8	7.33	53.0	9.81	58.5	11.2	64.0	12.6	74.9	15.7	85.4	19.1
	31	33.6	6.08	41.8	7.78	53.0	10.4	58.5	11.9	64.0	13.4	74.9	16.8	85.4	20.4
	33	33.6	6.43	41.8	8.25	53.0	11.1	58.5	12.6	64.0	14.3	74.9	17.9	85.2	21.7
	35	33.6	6.80	41.8	8.74	53.0	11.8	58.5	13.4	64.0	15.2	74.9	19.1	83.9	22.5
	37	33.6	7.18	41.8	9.26	53.0	12.5	58.5	14.3	64.0	16.2	74.9	20.3	82.5	23.3
	39	33.6	7.59	41.8	9.80	53.0	13.3	58.5	15.2	64.0	17.2	74.9	21.6	81.1	24.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (600)	10	29.8	4.23	37.2	5.11	47.1	6.42	52.0	7.10	56.9	7.81	66.6	9.28	76.0	10.8
	12	29.8	4.28	37.2	5.19	47.1	6.53	52.0	7.22	56.9	7.95	66.6	9.45	76.0	11.0
	14	29.8	4.34	37.2	5.27	47.1	6.63	52.0	7.35	56.9	8.09	66.6	9.62	76.0	11.2
	16	29.8	4.40	37.2	5.35	47.1	6.75	52.0	7.48	56.9	8.24	66.6	9.80	76.0	11.4
	18	29.8	4.46	37.2	5.44	47.1	6.87	52.0	7.61	56.9	8.39	66.6	9.99	76.0	11.6
	20	29.8	4.53	37.2	5.53	47.1	6.99	52.0	7.76	56.9	8.55	66.6	10.2	76.0	11.9
	21	29.8	4.56	37.2	5.57	47.1	7.05	52.0	7.83	56.9	8.63	66.6	10.3	76.0	12.3
	23	29.8	4.63	37.2	5.67	47.1	7.19	52.0	7.98	56.9	8.88	66.6	10.9	76.0	13.2
	25	29.8	4.71	37.2	5.77	47.1	7.47	52.0	8.44	56.9	9.47	66.6	11.7	76.0	14.1
	27	29.8	4.81	37.2	6.05	47.1	7.95	52.0	8.99	56.9	10.1	66.6	12.5	76.0	15.0
	29	29.8	5.09	37.2	6.41	47.1	8.46	52.0	9.57	56.9	10.8	66.6	13.3	76.0	16.1
	31	29.8	5.38	37.2	6.80	47.1	8.98	52.0	10.2	56.9	11.4	66.6	14.2	76.0	17.1
	33	29.8	5.69	37.2	7.20	47.1	9.53	52.0	10.8	56.9	12.2	66.6	15.1	76.0	18.3
	35	29.8	6.01	37.2	7.62	47.1	10.1	52.0	11.5	56.9	12.9	66.6	16.1	76.0	19.5
	37	29.8	6.34	37.2	8.06	47.1	10.7	52.0	12.2	56.9	13.7	66.6	17.1	76.0	20.7
	39	29.8	6.69	37.2	8.52	47.1	11.4	52.0	12.9	56.9	14.6	66.6	18.2	76.0	22.1
70% (525)	10	26.1	3.81	32.5	4.54	41.2	5.63	45.5	6.20	49.8	6.79	58.3	8.01	66.5	9.25
	12	26.1	3.85	32.5	4.61	41.2	5.72	45.5	6.30	49.8	6.90	58.3	8.15	66.5	9.42
	14	26.1	3.90	32.5	4.67	41.2	5.81	45.5	6.40	49.8	7.02	58.3	8.30	66.5	9.60
	16	26.1	3.95	32.5	4.74	41.2	5.91	45.5	6.51	49.8	7.14	58.3	8.45	66.5	9.78
	18	26.1	4.00	32.5	4.81	41.2	6.00	45.5	6.63	49.8	7.27	58.3	8.61	66.5	9.97
	20	26.1	4.06	32.5	4.89	41.2	6.11	45.5	6.74	49.8	7.40	58.3	8.78	66.5	10.2
	21	26.1	4.09	32.5	4.93	41.2	6.16	45.5	6.80	49.8	7.47	58.3	8.86	66.5	10.3
	23	26.1	4.15	32.5	5.00	41.2	6.27	45.5	6.93	49.8	7.62	58.3	9.16	66.5	10.9
	25	26.1	4.21	32.5	5.09	41.2	6.39	45.5	7.17	49.8	7.99	58.3	9.77	66.5	11.7
	27	26.1	4.27	32.5	5.25	41.2	6.79	45.5	7.62	49.8	8.51	58.3	10.4	66.5	12.4
	29	26.1	4.49	32.5	5.56	41.2	7.21	45.5	8.10	49.8	9.05	58.3	11.1	66.5	13.3
	31	26.1	4.74	32.5	5.88	41.2	7.65	45.5	8.60	49.8	9.62	58.3	11.8	66.5	14.1
	33	26.1	5.00	32.5	6.22	41.2	8.11	45.5	9.13	49.8	10.2	58.3	12.6	66.5	15.1
	35	26.1	5.27	32.5	6.58	41.2	8.59	45.5	9.68	49.8	10.8	58.3	13.4	66.5	16.0
	37	26.1	5.55	32.5	6.95	41.2	9.10	45.5	10.3	49.8	11.5	58.3	14.2	66.5	17.1
	39	26.1	5.85	32.5	7.34	41.2	9.63	45.5	10.9	49.8	12.2	58.3	15.1	66.5	18.2
60% (450)	10	22.4	3.40	27.9	4.01	35.4	4.88	39.0	5.34	42.7	5.82	50.0	6.81	57.0	7.82
	12	22.4	3.44	27.9	4.06	35.4	4.96	39.0	5.42	42.7	5.91	50.0	6.92	57.0	7.95
	14	22.4	3.48	27.9	4.11	35.4	5.03	39.0	5.51	42.7	6.01	50.0	7.04	57.0	8.10
	16	22.4	3.52	27.9	4.17	35.4	5.11	39.0	5.60	42.7	6.11	50.0	7.17	57.0	8.24
	18	22.4	3.57	27.9	4.22	35.4	5.19	39.0	5.69	42.7	6.21	50.0	7.30	57.0	8.40
	20	22.4	3.61	27.9	4.28	35.4	5.27	39.0	5.78	42.7	6.32	50.0	7.43	57.0	8.56
	21	22.4	3.63	27.9	4.31	35.4	5.31	39.0	5.83	42.7	6.37	50.0	7.50	57.0	8.64
	23	22.4	3.68	27.9	4.38	35.4	5.40	39.0	5.93	42.7	6.49	50.0	7.64	57.0	8.89
	25	22.4	3.73	27.9	4.44	35.4	5.49	39.0	6.04	42.7	6.65	50.0	8.02	57.0	9.48
	27	22.4	3.78	27.9	4.51	35.4	5.72	39.0	6.37	42.7	7.07	50.0	8.54	57.0	10.1
	29	22.4	3.92	27.9	4.77	35.4	6.07	39.0	6.76	42.7	7.50	50.0	9.09	57.0	10.8
	31	22.4	4.13	27.9	5.04	35.4	6.43	39.0	7.17	42.7	7.96	50.0	9.66	57.0	11.5
	33	22.4	4.35	27.9	5.32	35.4	6.80	39.0	7.60	42.7	8.45	50.0	10.3	57.0	12.2
	35	22.4	4.58	27.9	5.62	35.4	7.20	39.0	8.05	42.7	8.95	50.0	10.9	57.0	13.0
	37	22.4	4.82	27.9	5.92	35.4	7.61	39.0	8.52	42.7	9.48	50.0	11.6	57.0	13.8
	39	22.4	5.07	27.9	6.24	35.4	8.04	39.0	9.01	42.7	10.0	50.0	12.3	57.0	14.6
50% (375)	10	18.6	3.03	23.2	3.50	29.5	4.18	32.5	4.54	35.6	4.91	41.6	5.68	47.5	6.47
	12	18.6	3.06	23.2	3.54	29.5	4.24	32.5	4.60	35.6	4.98	41.6	5.77	47.5	6.57
	14	18.6	3.09	23.2	3.58	29.5	4.30	32.5	4.67	35.6	5.06	41.6	5.86	47.5	6.68
	16	18.6	3.12	23.2	3.62	29.5	4.36	32.5	4.74	35.6	5.13	41.6	5.96	47.5	6.80
	18	18.6	3.15	23.2	3.67	29.5	4.42	32.5	4.81	35.6	5.22	41.6	6.06	47.5	6.92
	20	18.6	3.19	23.2	3.71	29.5	4.48	32.5	4.88	35.6	5.30	41.6	6.16	47.5	7.04
	21	18.6	3.21	23.2	3.74	29.5	4.52	32.5	4.92	35.6	5.34	41.6	6.22	47.5	7.11
	23	18.6	3.24	23.2	3.79	29.5	4.58	32.5	5.00	35.6	5.43	41.6	6.33	47.5	7.24
	25	18.6	3.28	23.2	3.84	29.5	4.66	32.5	5.08	35.6	5.52	41.6	6.46	47.5	7.54
	27	18.6	3.32	23.2	3.89	29.5	4.75	32.5	5.24	35.6	5.76	41.6	6.86	47.5	8.02
	29	18.6	3.40	23.2	4.05	29.5	5.03	32.5	5.55	35.6	6.11	41.6	7.29	47.5	8.53
	31	18.6	3.58	23.2	4.27	29.5	5.32	32.5	5.88	35.6	6.47	41.6	7.73	47.5	9.06
	33	18.6	3.76	23.2	4.50	29.5	5.62	32.5	6.22	35.6	6.85	41.6	8.20	47.5	9.62
	35	18.6	3.95	23.2	4.74	29.5	5.93	32.5	6.57	35.6	7.24	41.6	8.69	47.5	10.2
	37	18.6	4.15	23.2	4.99	29.5	6.26	32.5	6.94	35.6	7.66	41.6	9.20	47.5	10.8
	39	18.6	4.35	23.2	5.25	29.5	6.60	32.5	7.33	35.6	8.10	41.6	9.74	47.5	11.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ32TSY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1040)	10	52.0	7.30	64.8	9.22	82.1	12.0	90.6	13.5	99.1	14.9	113	17.0	116	16.2
	12	52.0	7.43	64.8	9.38	82.1	12.2	90.6	13.7	99.1	15.2	111	16.9	114	16.1
	14	52.0	7.55	64.8	9.55	82.1	12.5	90.6	14.0	99.1	15.5	110	16.8	113	16.2
	16	52.0	7.68	64.8	9.73	82.1	12.7	90.6	14.2	99.1	15.8	108	16.9	111	17.1
	18	52.0	7.82	64.8	9.91	82.1	13.0	90.6	14.5	99.1	16.3	107	17.8	110	18.0
	20	52.0	7.96	64.8	10.1	82.1	13.3	90.6	15.3	99.1	17.5	105	18.7	108	18.9
	21	52.0	8.03	64.8	10.2	82.1	13.8	90.6	15.9	99.1	18.1	105	19.1	108	19.3
	23	52.0	8.19	64.8	10.6	82.1	14.7	90.6	17.0	99.1	19.4	103	20.0	106	20.2
	25	52.0	8.55	64.8	11.3	82.1	15.8	90.6	18.2	98.6	20.6	102	20.9	105	21.1
	27	52.0	9.10	64.8	12.1	82.1	16.8	90.6	19.5	97.1	21.5	100	21.7	103	22.0
	29	52.0	9.68	64.8	12.9	82.1	18.0	90.6	20.8	95.7	22.4	98.8	22.6	102	22.9
	31	52.0	10.3	64.8	13.7	82.1	19.2	90.6	22.2	94.2	23.2	97.4	23.5	100	23.8
	33	52.0	10.9	64.8	14.6	82.1	20.5	90.6	23.7	92.8	24.1	95.9	24.4	99.0	24.7
	35	52.0	11.6	64.8	15.5	82.1	21.8	89.7	24.8	91.3	25.0	94.5	25.3	97.5	25.6
	37	52.0	12.3	64.8	16.5	82.1	23.2	88.3	25.7	89.8	25.9	93.0	26.2	96.1	26.5
	39	52.0	13.0	64.8	17.5	82.1	24.7	86.8	26.6	88.4	26.8	91.5	27.1	94.6	27.5
120% (960)	10	48.0	6.74	59.8	8.46	75.8	11.0	83.6	12.3	91.5	13.6	107	16.3	114	16.7
	12	48.0	6.85	59.8	8.60	75.8	11.2	83.6	12.5	91.5	13.9	107	16.6	112	16.6
	14	48.0	6.96	59.8	8.76	75.8	11.4	83.6	12.7	91.5	14.1	107	17.0	111	16.5
	16	48.0	7.08	59.8	8.91	75.8	11.6	83.6	13.0	91.5	14.4	107	17.2	109	17.0
	18	48.0	7.20	59.8	9.08	75.8	11.8	83.6	13.2	91.5	14.7	105	17.7	108	17.9
	20	48.0	7.33	59.8	9.25	75.8	12.1	83.6	13.6	91.5	15.5	104	18.6	107	18.8
	21	48.0	7.40	59.8	9.34	75.8	12.3	83.6	14.1	91.5	16.1	103	19.0	106	19.2
	23	48.0	7.53	59.8	9.57	75.8	13.2	83.6	15.1	91.5	17.3	102	19.9	104	20.1
	25	48.0	7.77	59.8	10.2	75.8	14.1	83.6	16.2	91.5	18.5	100	20.7	103	21.0
	27	48.0	8.26	59.8	10.9	75.8	15.0	83.6	17.3	91.5	19.8	98.6	21.6	101	21.8
	29	48.0	8.78	59.8	11.6	75.8	16.0	83.6	18.5	91.5	21.1	97.2	22.5	100	22.7
	31	48.0	9.32	59.8	12.3	75.8	17.1	83.6	19.7	91.5	22.5	95.7	23.4	98.5	23.6
	33	48.0	9.89	59.8	13.1	75.8	18.2	83.6	21.0	91.3	24.0	94.2	24.2	97.1	24.5
	35	48.0	10.5	59.8	13.9	75.8	19.4	83.6	22.4	89.9	24.8	92.8	25.1	95.6	25.4
	37	48.0	11.1	59.8	14.8	75.8	20.6	83.6	23.9	88.4	25.7	91.3	26.0	94.1	26.3
	39	48.0	11.8	59.8	15.7	75.8	22.0	83.6	25.4	87.0	26.6	89.9	26.9	92.7	27.2
110% (880)	10	44.0	6.20	54.8	7.72	69.5	9.95	76.7	11.1	83.9	12.3	98.2	14.8	112	17.2
	12	44.0	6.29	54.8	7.85	69.5	10.1	76.7	11.3	83.9	12.5	98.2	15.0	110	17.1
	14	44.0	6.39	54.8	7.98	69.5	10.3	76.7	11.5	83.9	12.8	98.2	15.3	109	17.0
	16	44.0	6.50	54.8	8.12	69.5	10.5	76.7	11.8	83.9	13.0	98.2	15.6	108	16.9
	18	44.0	6.60	54.8	8.27	69.5	10.7	76.7	12.0	83.9	13.3	98.2	16.0	106	17.8
	20	44.0	6.72	54.8	8.42	69.5	10.9	76.7	12.2	83.9	13.7	98.2	17.2	105	18.6
	21	44.0	6.78	54.8	8.50	69.5	11.0	76.7	12.5	83.9	14.2	98.2	17.9	104	19.1
	23	44.0	6.90	54.8	8.67	69.5	11.7	76.7	13.4	83.9	15.2	98.2	19.2	102	19.9
	25	44.0	7.02	54.8	9.14	69.5	12.5	76.7	14.3	83.9	16.3	98.2	20.5	101	20.8
	27	44.0	7.46	54.8	9.73	69.5	13.3	76.7	15.3	83.9	17.4	96.9	21.5	99.5	21.7
	29	44.0	7.92	54.8	10.4	69.5	14.2	76.7	16.3	83.9	18.6	95.5	22.3	98.1	22.6
	31	44.0	8.40	54.8	11.0	69.5	15.1	76.7	17.4	83.9	19.8	94.0	23.2	96.6	23.4
	33	44.0	8.91	54.8	11.7	69.5	16.1	76.7	18.5	83.9	21.1	92.6	24.1	95.2	24.3
	35	44.0	9.44	54.8	12.4	69.5	17.1	76.7	19.7	83.9	22.5	91.1	25.0	93.7	25.2
	37	44.0	10.0	54.8	13.2	69.5	18.2	76.7	21.0	83.9	24.0	89.7	25.8	92.2	26.1
	39	44.0	10.6	54.8	14.0	69.5	19.4	76.7	22.3	83.9	25.5	88.2	26.7	90.8	27.0
100% (800)	10	40.0	5.67	49.8	7.00	63.2	8.97	69.7	9.99	76.3	11.0	89.2	13.2	102	15.4
	12	40.0	5.75	49.8	7.12	63.2	9.13	69.7	10.2	76.3	11.3	89.2	13.5	102	15.7
	14	40.0	5.84	49.8	7.24	63.2	9.29	69.7	10.4	76.3	11.5	89.2	13.7	102	16.0
	16	40.0	5.93	49.8	7.36	63.2	9.46	69.7	10.6	76.3	11.7	89.2	14.0	102	16.3
	18	40.0	6.03	49.8	7.49	63.2	9.64	69.7	10.8	76.3	11.9	89.2	14.3	102	16.9
	20	40.0	6.13	49.8	7.62	63.2	9.82	69.7	11.0	76.3	12.1	89.2	15.0	102	18.2
	21	40.0	6.18	49.8	7.69	63.2	9.92	69.7	11.1	76.3	12.4	89.2	15.5	102	18.9
	23	40.0	6.28	49.8	7.83	63.2	10.3	69.7	11.7	76.3	13.3	89.2	16.6	101	19.8
	25	40.0	6.39	49.8	8.13	63.2	11.0	69.7	12.5	76.3	14.2	89.2	17.8	99.1	20.7
	27	40.0	6.71	49.8	8.65	63.2	11.7	69.7	13.4	76.3	15.1	89.2	19.0	97.6	21.5
	29	40.0	7.11	49.8	9.19	63.2	12.5	69.7	14.2	76.3	16.2	89.2	20.3	96.2	22.4
	31	40.0	7.54	49.8	9.77	63.2	13.3	69.7	15.2	76.3	17.2	89.2	21.7	94.7	23.3
	33	40.0	7.98	49.8	10.4	63.2	14.1	69.7	16.2	76.3	18.4	89.2	23.2	93.3	24.2
	35	40.0	8.45	49.8	11.0	63.2	15.0	69.7	17.2	76.3	19.6	89.2	24.7	91.8	25.0
	37	40.0	8.94	49.8	11.7	63.2	15.9	69.7	18.3	76.3	20.8	88.0	25.7	90.3	25.9
	39	40.0	9.45	49.8	12.4	63.2	16.9	69.7	19.5	76.3	22.2	86.5	26.5	88.9	26.8
90% (720)	10	36.0	5.16	44.8	6.31	56.8	8.01	62.7	8.90	68.6	9.82	80.3	11.7	91.6	13.6
	12	36.0	5.23	44.8	6.41	56.8	8.15	62.7	9.06	68.6	10.0	80.3	11.9	91.6	13.9
	14	36.0	5.31	44.8	6.52	56.8	8.29	62.7	9.22	68.6	10.2	80.3	12.2	91.6	14.1
	16	36.0	5.39	44.8	6.62	56.8	8.44	62.7	9.39	68.6	10.4	80.3	12.4	91.6	14.4
	18	36.0	5.47	44.8	6.73	56.8	8.60	62.7	9.57	68.6	10.6	80.3	12.6	91.6	14.7
	20	36.0	5.56	44.8	6.85	56.8	8.76	62.7	9.75	68.6	10.8	80.3	12.9	91.6	15.6
	21	36.0	5.60	44.8	6.91	56.8	8.84	62.7	9.84	68.6	10.9	80.3	13.3	91.6	16.1
	23	36.0	5.69	44.8	7.03	56.8	9.01	62.7	10.2	68.6	11.5	80.3	14.3	91.6	17.3
	25	36.0	5.79	44.8	7.18	56.8	9.57	62.7	10.9	68.6	12.3	80.3	15.3	91.6	18.5
	27	36.0	5.99	44.8	7.64	56.8	10.2	62.7	11.6	68.6	13.1	80.3	16.3	91.6	19.8
	29	36.0	6.35	44.8	8.11	56.8	10.8	62.7	12.3	68.6	13.9	80.3	17.4	91.6	21.1
	31	36.0	6.72	44.8	8.60	56.8	11.5	62.7	13.1	68.6	14.9	80.3	18.6	91.6	22.6
	33	36.0	7.11	44.8	9.12	56.8	12.3	62.7	14.0	68.6	15.8	80.3	19.8	91.3	24.0
	35	36.0	7.52	44.8	9.67	56.8	13.0	62.7	14.9	68.6	16.8	80.3	21.1	89.9	24.8
	37	36.0	7.94	44.8	10.2	56.8	13.8	62.7	15.8	68.6	17.9	80.3	22.5	88.4	25.7
	39	36.0	8.39	44.8	10.8	56.8	14.7	62.7	16.8	68.6	19.0	80.3	23.9	87.0	26.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (640)	10	32.0	4.67	39.9	5.66	50.5	7.10	55.8	7.85	61.0	8.64	71.4	10.3	81.4	11.9
	12	32.0	4.74	39.9	5.74	50.5	7.22	55.8	7.99	61.0	8.79	71.4	10.4	81.4	12.1
	14	32.0	4.80	39.9	5.83	50.5	7.34	55.8	8.13	61.0	8.95	71.4	10.6	81.4	12.4
	16	32.0	4.87	39.9	5.92	50.5	7.46	55.8	8.27	61.0	9.11	71.4	10.8	81.4	12.6
	18	32.0	4.94	39.9	6.01	50.5	7.60	55.8	8.42	61.0	9.28	71.4	11.1	81.4	12.8
	20	32.0	5.01	39.9	6.11	50.5	7.73	55.8	8.58	61.0	9.46	71.4	11.3	81.4	13.1
	21	32.0	5.05	39.9	6.16	50.5	7.80	55.8	8.66	61.0	9.55	71.4	11.4	81.4	13.6
	23	32.0	5.13	39.9	6.27	50.5	7.95	55.8	8.83	61.0	9.82	71.4	12.1	81.4	14.6
	25	32.0	5.21	39.9	6.38	50.5	8.27	55.8	9.34	61.0	10.5	71.4	12.9	81.4	15.6
	27	32.0	5.32	39.9	6.69	50.5	8.80	55.8	9.94	61.0	11.2	71.4	13.8	81.4	16.6
	29	32.0	5.63	39.9	7.09	50.5	9.35	55.8	10.6	61.0	11.9	71.4	14.7	81.4	17.8
	31	32.0	5.95	39.9	7.52	50.5	9.93	55.8	11.3	61.0	12.7	71.4	15.7	81.4	18.9
	33	32.0	6.29	39.9	7.96	50.5	10.5	55.8	12.0	61.0	13.5	71.4	16.7	81.4	20.2
	35	32.0	6.64	39.9	8.42	50.5	11.2	55.8	12.7	61.0	14.3	71.4	17.8	81.4	21.5
	37	32.0	7.01	39.9	8.91	50.5	11.9	55.8	13.5	61.0	15.2	71.4	18.9	81.4	22.9
	39	32.0	7.40	39.9	9.43	50.5	12.6	55.8	14.3	61.0	16.1	71.4	20.1	81.4	24.4
70% (560)	10	28.0	4.21	34.9	5.03	44.2	6.23	48.8	6.86	53.4	7.51	62.5	8.86	71.2	10.2
	12	28.0	4.26	34.9	5.10	44.2	6.33	48.8	6.97	53.4	7.63	62.5	9.02	71.2	10.4
	14	28.0	4.31	34.9	5.17	44.2	6.43	48.8	7.08	53.4	7.76	62.5	9.18	71.2	10.6
	16	28.0	4.37	34.9	5.24	44.2	6.53	48.8	7.20	53.4	7.90	62.5	9.35	71.2	10.8
	18	28.0	4.43	34.9	5.32	44.2	6.64	48.8	7.33	53.4	8.04	62.5	9.52	71.2	11.0
	20	28.0	4.49	34.9	5.41	44.2	6.75	48.8	7.46	53.4	8.19	62.5	9.71	71.2	11.2
	21	28.0	4.52	34.9	5.45	44.2	6.81	48.8	7.53	53.4	8.27	62.5	9.80	71.2	11.4
	23	28.0	4.59	34.9	5.54	44.2	6.93	48.8	7.66	53.4	8.42	62.5	10.1	71.2	12.1
	25	28.0	4.65	34.9	5.63	44.2	7.07	48.8	7.93	53.4	8.84	62.5	10.8	71.2	12.9
	27	28.0	4.72	34.9	5.80	44.2	7.51	48.8	8.43	53.4	9.41	62.5	11.5	71.2	13.8
	29	28.0	4.96	34.9	6.15	44.2	7.97	48.8	8.96	53.4	10.0	62.5	12.3	71.2	14.7
	31	28.0	5.24	34.9	6.51	44.2	8.46	48.8	9.52	53.4	10.6	62.5	13.1	71.2	15.6
	33	28.0	5.53	34.9	6.88	44.2	8.97	48.8	10.1	53.4	11.3	62.5	13.9	71.2	16.7
	35	28.0	5.83	34.9	7.27	44.2	9.50	48.8	10.7	53.4	12.0	62.5	14.8	71.2	17.7
	37	28.0	6.14	34.9	7.68	44.2	10.1	48.8	11.4	53.4	12.7	62.5	15.7	71.2	18.9
	39	28.0	6.47	34.9	8.11	44.2	10.7	48.8	12.0	53.4	13.5	62.5	16.7	71.2	20.1
60% (480)	10	24.0	3.77	29.9	4.43	37.9	5.40	41.8	5.91	45.8	6.44	53.5	7.53	61.1	8.65
	12	24.0	3.81	29.9	4.49	37.9	5.48	41.8	6.00	45.8	6.54	53.5	7.66	61.1	8.80
	14	24.0	3.85	29.9	4.55	37.9	5.56	41.8	6.09	45.8	6.64	53.5	7.79	61.1	8.96
	16	24.0	3.90	29.9	4.61	37.9	5.65	41.8	6.19	45.8	6.75	53.5	7.93	61.1	9.12
	18	24.0	3.94	29.9	4.67	37.9	5.74	41.8	6.29	45.8	6.87	53.5	8.07	61.1	9.29
	20	24.0	3.99	29.9	4.74	37.9	5.83	41.8	6.40	45.8	6.99	53.5	8.22	61.1	9.47
	21	24.0	4.02	29.9	4.77	37.9	5.87	41.8	6.45	45.8	7.05	53.5	8.29	61.1	9.56
	23	24.0	4.07	29.9	4.84	37.9	5.97	41.8	6.56	45.8	7.18	53.5	8.45	61.1	9.83
	25	24.0	4.13	29.9	4.92	37.9	6.07	41.8	6.68	45.8	7.35	53.5	8.88	61.1	10.5
	27	24.0	4.18	29.9	4.99	37.9	6.33	41.8	7.05	45.8	7.81	53.5	9.45	61.1	11.2
	29	24.0	4.34	29.9	5.28	37.9	6.71	41.8	7.48	45.8	8.30	53.5	10.1	61.1	11.9
	31	24.0	4.57	29.9	5.58	37.9	7.11	41.8	7.93	45.8	8.81	53.5	10.7	61.1	12.7
	33	24.0	4.82	29.9	5.89	37.9	7.52	41.8	8.40	45.8	9.34	53.5	11.3	61.1	13.5
	35	24.0	5.07	29.9	6.21	37.9	7.96	41.8	8.90	45.8	9.90	53.5	12.0	61.1	14.3
	37	24.0	5.33	29.9	6.55	37.9	8.41	41.8	9.42	45.8	10.5	53.5	12.8	61.1	15.2
	39	24.0	5.61	29.9	6.91	37.9	8.89	41.8	9.97	45.8	11.1	53.5	13.6	61.1	16.2
50% (400)	10	20.0	3.35	24.9	3.87	31.6	4.63	34.8	5.02	38.1	5.43	44.6	6.28	50.9	7.15
	12	20.0	3.38	24.9	3.91	31.6	4.69	34.8	5.09	38.1	5.51	44.6	6.38	50.9	7.27
	14	20.0	3.41	24.9	3.96	31.6	4.75	34.8	5.16	38.1	5.59	44.6	6.48	50.9	7.39
	16	20.0	3.45	24.9	4.01	31.6	4.82	34.8	5.24	38.1	5.68	44.6	6.59	50.9	7.52
	18	20.0	3.49	24.9	4.06	31.6	4.89	34.8	5.32	38.1	5.77	44.6	6.70	50.9	7.65
	20	20.0	3.53	24.9	4.11	31.6	4.96	34.8	5.40	38.1	5.86	44.6	6.82	50.9	7.79
	21	20.0	3.55	24.9	4.13	31.6	4.99	34.8	5.44	38.1	5.91	44.6	6.88	50.9	7.86
	23	20.0	3.59	24.9	4.19	31.6	5.07	34.8	5.53	38.1	6.01	44.6	7.00	50.9	8.01
	25	20.0	3.63	24.9	4.25	31.6	5.15	34.8	5.62	38.1	6.11	44.6	7.14	50.9	8.34
	27	20.0	3.67	24.9	4.31	31.6	5.26	34.8	5.80	38.1	6.37	44.6	7.59	50.9	8.87
	29	20.0	3.76	24.9	4.48	31.6	5.56	34.8	6.14	38.1	6.75	44.6	8.06	50.9	9.43
	31	20.0	3.95	24.9	4.72	31.6	5.88	34.8	6.50	38.1	7.16	44.6	8.55	50.9	10.0
	33	20.0	4.16	24.9	4.98	31.6	6.21	34.8	6.87	38.1	7.57	44.6	9.07	50.9	10.6
	35	20.0	4.37	24.9	5.24	31.6	6.56	34.8	7.27	38.1	8.01	44.6	9.61	50.9	11.3
	37	20.0	4.59	24.9	5.52	31.6	6.92	34.8	7.68	38.1	8.47	44.6	10.2	50.9	12.0
	39	20.0	4.82	24.9	5.80	31.6	7.30	34.8	8.10	38.1	8.96	44.6	10.8	50.9	12.7

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

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When only *VRV* indoor units are connected

RXQ34TSY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1105)	10	55.2	7.63	68.8	9.63	87.1	12.5	96.2	14.1	105	15.6	120	17.7	123	17.0
	12	55.2	7.75	68.8	9.80	87.1	12.8	96.2	14.3	105	15.9	118	17.7	121	16.9
	14	55.2	7.89	68.8	9.97	87.1	13.0	96.2	14.6	105	16.2	116	17.6	120	17.0
	16	55.2	8.02	68.8	10.2	87.1	13.3	96.2	14.9	105	16.5	115	17.7	118	17.9
	18	55.2	8.17	68.8	10.4	87.1	13.5	96.2	15.2	105	17.0	113	18.6	117	18.8
	20	55.2	8.31	68.8	10.6	87.1	13.9	96.2	16.0	105	18.3	112	19.5	115	19.7
	21	55.2	8.39	68.8	10.7	87.1	14.4	96.2	16.6	105	18.9	111	20.0	114	20.2
	23	55.2	8.55	68.8	11.1	87.1	15.4	96.2	17.8	105	20.3	110	20.9	113	21.1
	25	55.2	8.93	68.8	11.8	87.1	16.5	96.2	19.0	105	21.5	108	21.8	111	22.0
	27	55.2	9.51	68.8	12.6	87.1	17.6	96.2	20.3	103	22.4	106	22.7	110	23.0
	29	55.2	10.1	68.8	13.5	87.1	18.8	96.2	21.7	102	23.3	105	23.6	108	23.9
	31	55.2	10.7	68.8	14.3	87.1	20.0	96.2	23.2	100	24.3	103	24.6	107	24.8
	33	55.2	11.4	68.8	15.2	87.1	21.4	96.2	24.7	98.5	25.2	102	25.5	105	25.8
	35	55.2	12.1	68.8	16.2	87.1	22.8	95.2	25.9	96.9	26.1	100	26.4	103	26.7
	37	55.2	12.8	68.8	17.2	87.1	24.2	93.7	26.8	95.4	27.0	98.7	27.4	102	27.7
	39	55.2	13.6	68.8	18.3	87.1	25.8	92.1	27.8	93.8	27.9	97.2	28.3	100	28.7
120% (1020)	10	50.9	7.04	63.5	8.83	80.4	11.5	88.8	12.8	97.1	14.2	114	17.1	121	17.5
	12	50.9	7.15	63.5	8.98	80.4	11.7	88.8	13.1	97.1	14.5	114	17.4	119	17.4
	14	50.9	7.27	63.5	9.14	80.4	11.9	88.8	13.3	97.1	14.8	114	17.7	118	17.3
	16	50.9	7.39	63.5	9.31	80.4	12.1	88.8	13.6	97.1	15.0	113	17.9	116	17.8
	18	50.9	7.52	63.5	9.48	80.4	12.3	88.8	13.8	97.1	15.3	112	18.5	115	18.7
	20	50.9	7.65	63.5	9.66	80.4	12.6	88.8	14.2	97.1	16.2	110	19.4	113	19.6
	21	50.9	7.72	63.5	9.75	80.4	12.8	88.8	14.7	97.1	16.8	109	19.8	112	20.0
	23	50.9	7.86	63.5	9.99	80.4	13.7	88.8	15.8	97.1	18.0	108	20.7	111	21.0
	25	50.9	8.11	63.5	10.7	80.4	14.7	88.8	16.9	97.1	19.3	106	21.7	109	21.9
	27	50.9	8.63	63.5	11.4	80.4	15.7	88.8	18.1	97.1	20.6	105	22.6	108	22.8
	29	50.9	9.17	63.5	12.1	80.4	16.7	88.8	19.3	97.1	22.0	103	23.5	106	23.7
	31	50.9	9.73	63.5	12.9	80.4	17.8	88.8	20.6	97.1	23.5	102	24.4	105	24.7
	33	50.9	10.3	63.5	13.7	80.4	19.0	88.8	21.9	96.9	25.0	100	25.3	103	25.6
	35	50.9	11.0	63.5	14.5	80.4	20.2	88.8	23.4	95.4	25.9	98.5	26.2	101	26.5
	37	50.9	11.6	63.5	15.5	80.4	21.6	88.8	24.9	93.9	26.9	96.9	27.2	99.9	27.5
	39	50.9	12.3	63.5	16.4	80.4	22.9	88.8	26.5	92.3	27.8	95.4	28.1	98.4	28.4
110% (935)	10	46.7	6.47	58.2	8.06	73.7	10.4	81.4	11.6	89.0	12.9	104	15.4	119	17.9
	12	46.7	6.57	58.2	8.19	73.7	10.6	81.4	11.8	89.0	13.1	104	15.7	117	17.9
	14	46.7	6.68	58.2	8.34	73.7	10.8	81.4	12.0	89.0	13.3	104	16.0	116	17.8
	16	46.7	6.78	58.2	8.48	73.7	11.0	81.4	12.3	89.0	13.6	104	16.3	114	17.7
	18	46.7	6.90	58.2	8.64	73.7	11.2	81.4	12.5	89.0	13.9	104	16.8	113	18.6
	20	46.7	7.01	58.2	8.80	73.7	11.4	81.4	12.8	89.0	14.3	104	18.0	111	19.5
	21	46.7	7.08	58.2	8.88	73.7	11.5	81.4	13.0	89.0	14.8	104	18.7	110	19.9
	23	46.7	7.20	58.2	9.05	73.7	12.2	81.4	14.0	89.0	15.9	104	20.0	109	20.8
	25	46.7	7.33	58.2	9.54	73.7	13.0	81.4	14.9	89.0	17.0	104	21.4	107	21.7
	27	46.7	7.79	58.2	10.2	73.7	13.9	81.4	15.9	89.0	18.1	103	22.4	106	22.6
	29	46.7	8.27	58.2	10.8	73.7	14.8	81.4	17.0	89.0	19.4	101	23.3	104	23.6
	31	46.7	8.78	58.2	11.5	73.7	15.8	81.4	18.1	89.0	20.7	99.8	24.2	103	24.5
	33	46.7	9.30	58.2	12.2	73.7	16.8	81.4	19.3	89.0	22.0	98.3	25.2	101	25.4
	35	46.7	9.86	58.2	13.0	73.7	17.9	81.4	20.6	89.0	23.5	96.7	26.1	99.5	26.3
	37	46.7	10.4	58.2	13.8	73.7	19.0	81.4	21.9	89.0	25.0	95.2	27.0	97.9	27.3
	39	46.7	11.1	58.2	14.6	73.7	20.2	81.4	23.3	89.0	26.7	93.6	27.9	96.4	28.2
100% (850)	10	42.4	5.92	52.9	7.31	67.0	9.36	74.0	10.4	80.9	11.5	94.7	13.8	108	16.1
	12	42.4	6.01	52.9	7.43	67.0	9.53	74.0	10.6	80.9	11.7	94.7	14.1	108	16.4
	14	42.4	6.10	52.9	7.56	67.0	9.70	74.0	10.8	80.9	12.0	94.7	14.3	108	16.7
	16	42.4	6.19	52.9	7.69	67.0	9.88	74.0	11.0	80.9	12.2	94.7	14.6	108	17.0
	18	42.4	6.29	52.9	7.82	67.0	10.1	74.0	11.2	80.9	12.4	94.7	14.9	108	17.7
	20	42.4	6.40	52.9	7.96	67.0	10.3	74.0	11.5	80.9	12.7	94.7	15.6	108	19.0
	21	42.4	6.45	52.9	8.03	67.0	10.4	74.0	11.6	80.9	12.9	94.7	16.2	108	19.7
	23	42.4	6.56	52.9	8.18	67.0	10.7	74.0	12.2	80.9	13.9	94.7	17.4	107	20.7
	25	42.4	6.68	52.9	8.49	67.0	11.5	74.0	13.1	80.9	14.8	94.7	18.6	105	21.6
	27	42.4	7.00	52.9	9.03	67.0	12.2	74.0	14.0	80.9	15.8	94.7	19.9	104	22.5
	29	42.4	7.43	52.9	9.60	67.0	13.0	74.0	14.9	80.9	16.9	94.7	21.2	102	23.4
	31	42.4	7.87	52.9	10.2	67.0	13.8	74.0	15.8	80.9	18.0	94.7	22.7	101	24.3
	33	42.4	8.34	52.9	10.8	67.0	14.7	74.0	16.9	80.9	19.2	94.7	24.2	99.0	25.2
	35	42.4	8.82	52.9	11.5	67.0	15.7	74.0	18.0	80.9	20.4	94.7	25.8	97.4	26.1
	37	42.4	9.33	52.9	12.2	67.0	16.6	74.0	19.1	80.9	21.7	93.4	26.8	95.9	27.1
	39	42.4	9.87	52.9	12.9	67.0	17.7	74.0	20.3	80.9	23.1	91.9	27.7	94.3	28.0
90% (765)	10	38.2	5.39	47.6	6.59	60.3	8.37	66.6	9.30	72.8	10.3	85.2	12.2	97.2	14.2
	12	38.2	5.47	47.6	6.70	60.3	8.51	66.6	9.46	72.8	10.4	85.2	12.5	97.2	14.5
	14	38.2	5.55	47.6	6.81	60.3	8.66	66.6	9.63	72.8	10.6	85.2	12.7	97.2	14.8
	16	38.2	5.63	47.6	6.92	60.3	8.82	66.6	9.81	72.8	10.8	85.2	12.9	97.2	15.1
	18	38.2	5.71	47.6	7.03	60.3	8.98	66.6	9.99	72.8	11.0	85.2	13.2	97.2	15.4
	20	38.2	5.80	47.6	7.15	60.3	9.14	66.6	10.2	72.8	11.3	85.2	13.5	97.2	16.2
	21	38.2	5.85	47.6	7.22	60.3	9.23	66.6	10.3	72.8	11.4	85.2	13.9	97.2	16.8
	23	38.2	5.94	47.6	7.35	60.3	9.41	66.6	10.6	72.8	12.0	85.2	14.9	97.2	18.0
	25	38.2	6.04	47.6	7.50	60.3	9.99	66.6	11.3	72.8	12.8	85.2	15.9	97.2	19.3
	27	38.2	6.26	47.6	7.97	60.3	10.6	66.6	12.1	72.8	13.7	85.2	17.0	97.2	20.7
	29	38.2	6.63	47.6	8.47	60.3	11.3	66.6	12.9	72.8	14.6	85.2	18.2	97.2	22.1
	31	38.2	7.02	47.6	8.98	60.3	12.0	66.6	13.7	72.8	15.5	85.2	19.4	97.2	23.6
	33	38.2	7.43	47.6	9.53	60.3	12.8	66.6	14.6	72.8	16.5	85.2	20.7	97.0	25.0
	35	38.2	7.85	47.6	10.1	60.3	13.6	66.6	15.5	72.8	17.6	85.2	22.0	95.4	25.9
	37	38.2	8.30	47.6	10.7	60.3	14.4	66.6	16.5	72.8	18.7	85.2	23.5	93.9	26.9
	39	38.2	8.76	47.6	11.3	60.3	15.3	66.6	17.5	72.8	19.9	85.2	25.0	92.3	27.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (680)	10	33.9	4.88	42.3	5.91	53.6	7.41	59.2	8.20	64.8	9.02	75.8	10.7	86.4	12.4
	12	33.9	4.95	42.3	5.99	53.6	7.54	59.2	8.34	64.8	9.18	75.8	10.9	86.4	12.7
	14	33.9	5.01	42.3	6.08	53.6	7.66	59.2	8.49	64.8	9.34	75.8	11.1	86.4	12.9
	16	33.9	5.08	42.3	6.18	53.6	7.79	59.2	8.64	64.8	9.51	75.8	11.3	86.4	13.1
	18	33.9	5.16	42.3	6.28	53.6	7.93	59.2	8.79	64.8	9.69	75.8	11.5	86.4	13.4
	20	33.9	5.23	42.3	6.38	53.6	8.07	59.2	8.96	64.8	9.87	75.8	11.8	86.4	13.7
	21	33.9	5.27	42.3	6.43	53.6	8.15	59.2	9.04	64.8	9.97	75.8	11.9	86.4	14.2
	23	33.9	5.35	42.3	6.54	53.6	8.30	59.2	9.22	64.8	10.3	75.8	12.6	86.4	15.2
	25	33.9	5.44	42.3	6.66	53.6	8.63	59.2	9.75	64.8	10.9	75.8	13.5	86.4	16.3
	27	33.9	5.56	42.3	6.98	53.6	9.19	59.2	10.4	64.8	11.7	75.8	14.4	86.4	17.4
	29	33.9	5.88	42.3	7.41	53.6	9.77	59.2	11.0	64.8	12.4	75.8	15.4	86.4	18.5
	31	33.9	6.22	42.3	7.85	53.6	10.4	59.2	11.7	64.8	13.2	75.8	16.4	86.4	19.8
	33	33.9	6.57	42.3	8.31	53.6	11.0	59.2	12.5	64.8	14.1	75.8	17.5	86.4	21.1
	35	33.9	6.94	42.3	8.80	53.6	11.7	59.2	13.3	64.8	14.9	75.8	18.6	86.4	22.5
	37	33.9	7.32	42.3	9.31	53.6	12.4	59.2	14.1	64.8	15.9	75.8	19.8	86.4	23.9
	39	33.9	7.72	42.3	9.84	53.6	13.1	59.2	14.9	64.8	16.9	75.8	21.0	86.4	25.5
70% (595)	10	29.7	4.40	37.0	5.25	46.9	6.50	51.8	7.16	56.7	7.84	66.3	9.25	75.6	10.7
	12	29.7	4.45	37.0	5.32	46.9	6.61	51.8	7.28	56.7	7.97	66.3	9.42	75.6	10.9
	14	29.7	4.51	37.0	5.40	46.9	6.71	51.8	7.40	56.7	8.11	66.3	9.59	75.6	11.1
	16	29.7	4.56	37.0	5.48	46.9	6.82	51.8	7.52	56.7	8.25	66.3	9.76	75.6	11.3
	18	29.7	4.62	37.0	5.56	46.9	6.93	51.8	7.65	56.7	8.40	66.3	9.94	75.6	11.5
	20	29.7	4.69	37.0	5.64	46.9	7.05	51.8	7.79	56.7	8.55	66.3	10.1	75.6	11.7
	21	29.7	4.72	37.0	5.69	46.9	7.11	51.8	7.86	56.7	8.63	66.3	10.2	75.6	11.9
	23	29.7	4.79	37.0	5.78	46.9	7.24	51.8	8.00	56.7	8.80	66.3	10.6	75.6	12.6
	25	29.7	4.86	37.0	5.88	46.9	7.38	51.8	8.28	56.7	9.23	66.3	11.3	75.6	13.5
	27	29.7	4.93	37.0	6.06	46.9	7.84	51.8	8.81	56.7	9.83	66.3	12.0	75.6	14.4
	29	29.7	5.18	37.0	6.42	46.9	8.33	51.8	9.36	56.7	10.5	66.3	12.8	75.6	15.3
	31	29.7	5.47	37.0	6.80	46.9	8.83	51.8	9.94	56.7	11.1	66.3	13.6	75.6	16.3
	33	29.7	5.77	37.0	7.19	46.9	9.36	51.8	10.5	56.7	11.8	66.3	14.5	75.6	17.4
	35	29.7	6.09	37.0	7.60	46.9	9.92	51.8	11.2	56.7	12.5	66.3	15.4	75.6	18.5
	37	29.7	6.41	37.0	8.02	46.9	10.5	51.8	11.9	56.7	13.3	66.3	16.4	75.6	19.7
	39	29.7	6.76	37.0	8.47	46.9	11.1	51.8	12.6	56.7	14.1	66.3	17.4	75.6	21.0
60% (510)	10	25.5	3.93	31.7	4.63	40.2	5.64	44.4	6.17	48.6	6.72	56.8	7.87	64.8	9.03
	12	25.5	3.98	31.7	4.69	40.2	5.72	44.4	6.27	48.6	6.83	56.8	8.00	64.8	9.19
	14	25.5	4.02	31.7	4.75	40.2	5.81	44.4	6.36	48.6	6.94	56.8	8.13	64.8	9.35
	16	25.5	4.07	31.7	4.81	40.2	5.90	44.4	6.46	48.6	7.05	56.8	8.28	64.8	9.52
	18	25.5	4.12	31.7	4.88	40.2	5.99	44.4	6.57	48.6	7.17	56.8	8.43	64.8	9.70
	20	25.5	4.17	31.7	4.95	40.2	6.09	44.4	6.68	48.6	7.30	56.8	8.58	64.8	9.88
	21	25.5	4.20	31.7	4.98	40.2	6.14	44.4	6.74	48.6	7.36	56.8	8.66	64.8	9.98
	23	25.5	4.25	31.7	5.06	40.2	6.24	44.4	6.85	48.6	7.49	56.8	8.82	64.8	10.3
	25	25.5	4.31	31.7	5.13	40.2	6.34	44.4	6.98	48.6	7.68	56.8	9.27	64.8	11.0
	27	25.5	4.37	31.7	5.21	40.2	6.61	44.4	7.36	48.6	8.16	56.8	9.87	64.8	11.7
	29	25.5	4.53	31.7	5.51	40.2	7.01	44.4	7.81	48.6	8.67	56.8	10.5	64.8	12.4
	31	25.5	4.77	31.7	5.82	40.2	7.42	44.4	8.28	48.6	9.20	56.8	11.2	64.8	13.2
	33	25.5	5.03	31.7	6.15	40.2	7.86	44.4	8.78	48.6	9.75	56.8	11.9	64.8	14.1
	35	25.5	5.29	31.7	6.49	40.2	8.31	44.4	9.29	48.6	10.3	56.8	12.6	64.8	15.0
	37	25.5	5.57	31.7	6.84	40.2	8.79	44.4	9.84	48.6	11.0	56.8	13.3	64.8	15.9
	39	25.5	5.86	31.7	7.21	40.2	9.29	44.4	10.4	48.6	11.6	56.8	14.2	64.8	16.9
50% (425)	10	21.2	3.49	26.4	4.04	33.5	4.83	37.0	5.24	40.5	5.67	47.4	6.56	54.0	7.47
	12	21.2	3.53	26.4	4.08	33.5	4.90	37.0	5.32	40.5	5.76	47.4	6.66	54.0	7.59
	14	21.2	3.57	26.4	4.13	33.5	4.96	37.0	5.39	40.5	5.84	47.4	6.77	54.0	7.72
	16	21.2	3.60	26.4	4.18	33.5	5.03	37.0	5.47	40.5	5.93	47.4	6.88	54.0	7.85
	18	21.2	3.64	26.4	4.24	33.5	5.10	37.0	5.55	40.5	6.02	47.4	7.00	54.0	7.99
	20	21.2	3.68	26.4	4.29	33.5	5.18	37.0	5.64	40.5	6.12	47.4	7.12	54.0	8.13
	21	21.2	3.70	26.4	4.32	33.5	5.22	37.0	5.68	40.5	6.17	47.4	7.18	54.0	8.21
	23	21.2	3.75	26.4	4.38	33.5	5.30	37.0	5.78	40.5	6.27	47.4	7.31	54.0	8.36
	25	21.2	3.79	26.4	4.44	33.5	5.38	37.0	5.87	40.5	6.38	47.4	7.46	54.0	8.71
	27	21.2	3.84	26.4	4.50	33.5	5.49	37.0	6.06	40.5	6.65	47.4	7.93	54.0	9.27
	29	21.2	3.92	26.4	4.68	33.5	5.81	37.0	6.41	40.5	7.05	47.4	8.42	54.0	9.85
	31	21.2	4.13	26.4	4.93	33.5	6.14	37.0	6.79	40.5	7.47	47.4	8.93	54.0	10.5
	33	21.2	4.34	26.4	5.20	33.5	6.49	37.0	7.18	40.5	7.91	47.4	9.47	54.0	11.1
	35	21.2	4.56	26.4	5.47	33.5	6.85	37.0	7.59	40.5	8.37	47.4	10.0	54.0	11.8
	37	21.2	4.79	26.4	5.76	33.5	7.23	37.0	8.02	40.5	8.85	47.4	10.6	54.0	12.5
	39	21.2	5.03	26.4	6.06	33.5	7.62	37.0	8.46	40.5	9.35	47.4	11.3	54.0	13.3

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ36TSY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1170)	10	58.1	8.27	72.4	10.4	91.7	13.6	101	15.2	111	16.9	126	19.2	129	18.4
	12	58.1	8.41	72.4	10.6	91.7	13.9	101	15.5	111	17.2	124	19.1	128	18.3
	14	58.1	8.55	72.4	10.8	91.7	14.1	101	15.8	111	17.6	123	19.0	126	18.4
	16	58.1	8.70	72.4	11.0	91.7	14.4	101	16.1	111	17.9	121	19.2	124	19.4
	18	58.1	8.86	72.4	11.2	91.7	14.7	101	16.5	111	18.4	119	20.2	123	20.4
	20	58.1	9.02	72.4	11.4	91.7	15.0	101	17.3	111	19.8	118	21.2	121	21.4
	21	58.1	9.10	72.4	11.6	91.7	15.6	101	18.0	111	20.5	117	21.6	120	21.9
	23	58.1	9.27	72.4	12.0	91.7	16.7	101	19.3	111	22.0	115	22.6	119	22.9
	25	58.1	9.69	72.4	12.8	91.7	17.8	101	20.6	110	23.4	114	23.6	117	23.9
	27	58.1	10.3	72.4	13.7	91.7	19.1	101	22.0	109	24.3	112	24.6	115	24.9
	29	58.1	11.0	72.4	14.6	91.7	20.4	101	23.6	107	25.3	110	25.6	114	25.9
	31	58.1	11.7	72.4	15.5	91.7	21.7	101	25.1	105	26.3	109	26.6	112	26.9
	33	58.1	12.4	72.4	16.5	91.7	23.2	101	26.8	104	27.3	107	27.6	111	28.0
	35	58.1	13.1	72.4	17.6	91.7	24.7	100	28.1	102	28.3	106	28.7	109	29.0
	37	58.1	13.9	72.4	18.7	91.7	26.3	98.6	29.1	100	29.3	104	29.7	107	30.0
	39	58.1	14.8	72.4	19.9	91.7	28.0	97.0	30.1	98.8	30.3	102	30.7	106	31.1
120% (1080)	10	53.6	7.63	66.8	9.58	84.7	12.4	93.4	13.9	102	15.4	120	18.5	127	18.9
	12	53.6	7.76	66.8	9.74	84.7	12.7	93.4	14.2	102	15.7	120	18.8	126	18.8
	14	53.6	7.89	66.8	9.92	84.7	12.9	93.4	14.4	102	16.0	120	19.2	124	18.7
	16	53.6	8.02	66.8	10.1	84.7	13.1	93.4	14.7	102	16.3	119	19.4	122	19.3
	18	53.6	8.16	66.8	10.3	84.7	13.4	93.4	15.0	102	16.6	118	20.1	121	20.3
	20	53.6	8.30	66.8	10.5	84.7	13.7	93.4	15.4	102	17.6	116	21.0	119	21.2
	21	53.6	8.38	66.8	10.6	84.7	13.9	93.4	16.0	102	18.2	115	21.5	118	21.7
	23	53.6	8.53	66.8	10.8	84.7	14.9	93.4	17.1	102	19.5	113	22.5	117	22.7
	25	53.6	8.80	66.8	11.6	84.7	15.9	93.4	18.3	102	20.9	112	23.5	115	23.7
	27	53.6	9.36	66.8	12.3	84.7	17.0	93.4	19.6	102	22.4	110	24.5	113	24.7
	29	53.6	9.94	66.8	13.1	84.7	18.1	93.4	20.9	102	23.9	109	25.5	112	25.7
	31	53.6	10.6	66.8	14.0	84.7	19.3	93.4	22.3	102	25.5	107	26.5	110	26.7
	33	53.6	11.2	66.8	14.8	84.7	20.6	93.4	23.8	102	27.1	105	27.5	108	27.8
	35	53.6	11.9	66.8	15.8	84.7	22.0	93.4	25.4	100	28.1	104	28.5	107	28.8
	37	53.6	12.6	66.8	16.8	84.7	23.4	93.4	27.0	98.8	29.1	102	29.5	105	29.8
	39	53.6	13.3	66.8	17.8	84.7	24.9	93.4	28.8	97.2	30.1	100	30.5	104	30.8
110% (990)	10	49.1	7.02	61.2	8.74	77.6	11.3	85.7	12.6	93.7	13.9	110	16.7	125	19.5
	12	49.1	7.13	61.2	8.89	77.6	11.5	85.7	12.8	93.7	14.2	110	17.0	123	19.4
	14	49.1	7.24	61.2	9.04	77.6	11.7	85.7	13.1	93.7	14.5	110	17.4	122	19.3
	16	49.1	7.36	61.2	9.20	77.6	11.9	85.7	13.3	93.7	14.8	110	17.7	120	19.2
	18	49.1	7.48	61.2	9.37	77.6	12.1	85.7	13.6	93.7	15.0	110	18.2	119	20.1
	20	49.1	7.61	61.2	9.54	77.6	12.4	85.7	13.8	93.7	15.5	110	19.5	117	21.1
	21	49.1	7.67	61.2	9.63	77.6	12.5	85.7	14.1	93.7	16.1	110	20.2	116	21.6
	23	49.1	7.81	61.2	9.81	77.6	13.2	85.7	15.1	93.7	17.2	110	21.7	114	22.6
	25	49.1	7.95	61.2	10.3	77.6	14.1	85.7	16.2	93.7	18.4	110	23.2	113	23.6
	27	49.1	8.45	61.2	11.0	77.6	15.1	85.7	17.3	93.7	19.7	108	24.3	111	24.6
	29	49.1	8.97	61.2	11.7	77.6	16.1	85.7	18.4	93.7	21.0	107	25.3	110	25.6
	31	49.1	9.52	61.2	12.5	77.6	17.1	85.7	19.7	93.7	22.4	105	26.3	108	26.6
	33	49.1	10.1	61.2	13.2	77.6	18.2	85.7	21.0	93.7	23.9	103	27.3	106	27.6
	35	49.1	10.7	61.2	14.1	77.6	19.4	85.7	22.3	93.7	25.5	102	28.3	105	28.6
	37	49.1	11.3	61.2	14.9	77.6	20.6	85.7	23.8	93.7	27.2	100	29.3	103	29.6
	39	49.1	12.0	61.2	15.8	77.6	21.9	85.7	25.3	93.7	28.9	98.6	30.3	101	30.6
100% (900)	10	44.7	6.42	55.7	7.93	70.6	10.2	77.9	11.3	85.2	12.5	99.7	15.0	114	17.4
	12	44.7	6.52	55.7	8.06	70.6	10.3	77.9	11.5	85.2	12.7	99.7	15.3	114	17.8
	14	44.7	6.61	55.7	8.19	70.6	10.5	77.9	11.7	85.2	13.0	99.7	15.5	114	18.1
	16	44.7	6.72	55.7	8.34	70.6	10.7	77.9	12.0	85.2	13.2	99.7	15.9	114	18.5
	18	44.7	6.83	55.7	8.48	70.6	10.9	77.9	12.2	85.2	13.5	99.7	16.2	114	19.2
	20	44.7	6.94	55.7	8.63	70.6	11.1	77.9	12.4	85.2	13.8	99.7	17.0	114	20.6
	21	44.7	7.00	55.7	8.71	70.6	11.2	77.9	12.5	85.2	14.0	99.7	17.6	114	21.4
	23	44.7	7.12	55.7	8.87	70.6	11.6	77.9	13.3	85.2	15.0	99.7	18.8	112	22.4
	25	44.7	7.24	55.7	9.21	70.6	12.4	77.9	14.2	85.2	16.1	99.7	20.2	111	23.4
	27	44.7	7.59	55.7	9.80	70.6	13.2	77.9	15.1	85.2	17.2	99.7	21.6	109	24.4
	29	44.7	8.06	55.7	10.4	70.6	14.1	77.9	16.1	85.2	18.3	99.7	23.0	107	25.4
	31	44.7	8.54	55.7	11.1	70.6	15.0	77.9	17.2	85.2	19.5	99.7	24.6	106	26.4
	33	44.7	9.04	55.7	11.7	70.6	16.0	77.9	18.3	85.2	20.8	99.7	26.2	104	27.4
	35	44.7	9.57	55.7	12.5	70.6	17.0	77.9	19.5	85.2	22.2	99.7	28.0	103	28.4
	37	44.7	10.1	55.7	13.2	70.6	18.1	77.9	20.7	85.2	23.6	98.3	29.1	101	29.4
	39	44.7	10.7	55.7	14.0	70.6	19.2	77.9	22.0	85.2	25.1	96.7	30.1	99.3	30.4
90% (810)	10	40.2	5.85	50.1	7.15	63.5	9.08	70.1	10.1	76.7	11.1	89.7	13.3	102	15.4
	12	40.2	5.93	50.1	7.26	63.5	9.23	70.1	10.3	76.7	11.3	89.7	13.5	102	15.7
	14	40.2	6.01	50.1	7.38	63.5	9.39	70.1	10.4	76.7	11.5	89.7	13.8	102	16.0
	16	40.2	6.10	50.1	7.50	63.5	9.56	70.1	10.6	76.7	11.7	89.7	14.0	102	16.3
	18	40.2	6.20	50.1	7.63	63.5	9.74	70.1	10.8	76.7	12.0	89.7	14.3	102	16.7
	20	40.2	6.29	50.1	7.76	63.5	9.92	70.1	11.0	76.7	12.2	89.7	14.6	102	17.6
	21	40.2	6.34	50.1	7.83	63.5	10.0	70.1	11.1	76.7	12.3	89.7	15.1	102	18.3
	23	40.2	6.45	50.1	7.97	63.5	10.2	70.1	11.5	76.7	13.0	89.7	16.2	102	19.6
	25	40.2	6.55	50.1	8.14	63.5	10.8	70.1	12.3	76.7	13.9	89.7	17.3	102	20.9
	27	40.2	6.79	50.1	8.65	63.5	11.5	70.1	13.1	76.7	14.8	89.7	18.5	102	22.4
	29	40.2	7.19	50.1	9.18	63.5	12.3	70.1	14.0	76.7	15.8	89.7	19.7	102	23.9
	31	40.2	7.61	50.1	9.74	63.5	13.1	70.1	14.9	76.7	16.8	89.7	21.0	102	25.6
	33	40.2	8.05	50.1	10.3	63.5	13.9	70.1	15.8	76.7	17.9	89.7	22.4	102	27.1
	35	40.2	8.51	50.1	10.9	63.5	14.7	70.1	16.8	76.7	19.1	89.7	23.9	100	28.1
	37	40.2	9.00	50.1	11.6	63.5	15.7	70.1	17.9	76.7	20.3	89.7	25.5	98.8	29.1
	39	40.2	9.50	50.1	12.3	63.5	16.6	70.1	19.0	76.7	21.6	89.7	27.1	97.2	30.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (720)	10	35.7	5.29	44.5	6.40	56.5	8.04	62.3	8.90	68.2	9.78	79.8	11.6	91.0	13.5
	12	35.7	5.36	44.5	6.50	56.5	8.17	62.3	9.05	68.2	9.95	79.8	11.8	91.0	13.7
	14	35.7	5.44	44.5	6.60	56.5	8.31	62.3	9.20	68.2	10.1	79.8	12.1	91.0	14.0
	16	35.7	5.51	44.5	6.70	56.5	8.45	62.3	9.37	68.2	10.3	79.8	12.3	91.0	14.3
	18	35.7	5.59	44.5	6.81	56.5	8.60	62.3	9.54	68.2	10.5	79.8	12.5	91.0	14.5
	20	35.7	5.67	44.5	6.92	56.5	8.76	62.3	9.71	68.2	10.7	79.8	12.8	91.0	14.9
	21	35.7	5.72	44.5	6.98	56.5	8.84	62.3	9.81	68.2	10.8	79.8	12.9	91.0	15.4
	23	35.7	5.81	44.5	7.10	56.5	9.00	62.3	9.99	68.2	11.1	79.8	13.7	91.0	16.5
	25	35.7	5.90	44.5	7.22	56.5	9.36	62.3	10.6	68.2	11.9	79.8	14.7	91.0	17.6
	27	35.7	6.03	44.5	7.57	56.5	9.96	62.3	11.3	68.2	12.6	79.8	15.6	91.0	18.8
	29	35.7	6.38	44.5	8.03	56.5	10.6	62.3	12.0	68.2	13.5	79.8	16.7	91.0	20.1
	31	35.7	6.74	44.5	8.51	56.5	11.3	62.3	12.7	68.2	14.3	79.8	17.8	91.0	21.5
	33	35.7	7.13	44.5	9.01	56.5	11.9	62.3	13.5	68.2	15.2	79.8	18.9	91.0	22.9
	35	35.7	7.52	44.5	9.54	56.5	12.7	62.3	14.4	68.2	16.2	79.8	20.2	91.0	24.4
	37	35.7	7.94	44.5	10.1	56.5	13.4	62.3	15.3	68.2	17.2	79.8	21.4	91.0	26.0
	39	35.7	8.38	44.5	10.7	56.5	14.2	62.3	16.2	68.2	18.3	79.8	22.8	91.0	27.7
70% (630)	10	31.3	4.77	39.0	5.69	49.4	7.05	54.5	7.76	59.6	8.50	69.8	10.0	79.6	11.6
	12	31.3	4.83	39.0	5.77	49.4	7.16	54.5	7.89	59.6	8.65	69.8	10.2	79.6	11.8
	14	31.3	4.89	39.0	5.85	49.4	7.28	54.5	8.02	59.6	8.79	69.8	10.4	79.6	12.0
	16	31.3	4.95	39.0	5.94	49.4	7.40	54.5	8.16	59.6	8.95	69.8	10.6	79.6	12.2
	18	31.3	5.02	39.0	6.03	49.4	7.52	54.5	8.30	59.6	9.11	69.8	10.8	79.6	12.5
	20	31.3	5.08	39.0	6.12	49.4	7.65	54.5	8.45	59.6	9.28	69.8	11.0	79.6	12.7
	21	31.3	5.12	39.0	6.17	49.4	7.72	54.5	8.52	59.6	9.36	69.8	11.1	79.6	12.9
	23	31.3	5.19	39.0	6.27	49.4	7.85	54.5	8.68	59.6	9.54	69.8	11.5	79.6	13.7
	25	31.3	5.27	39.0	6.37	49.4	8.00	54.5	8.98	59.6	10.0	69.8	12.2	79.6	14.6
	27	31.3	5.35	39.0	6.57	49.4	8.50	54.5	9.55	59.6	10.7	69.8	13.1	79.6	15.6
	29	31.3	5.62	39.0	6.96	49.4	9.03	54.5	10.1	59.6	11.3	69.8	13.9	79.6	16.6
	31	31.3	5.93	39.0	7.37	49.4	9.58	54.5	10.8	59.6	12.1	69.8	14.8	79.6	17.7
	33	31.3	6.26	39.0	7.79	49.4	10.2	54.5	11.4	59.6	12.8	69.8	15.7	79.6	18.9
	35	31.3	6.60	39.0	8.24	49.4	10.8	54.5	12.1	59.6	13.6	69.8	16.7	79.6	20.1
	37	31.3	6.96	39.0	8.70	49.4	11.4	54.5	12.9	59.6	14.4	69.8	17.8	79.6	21.4
	39	31.3	7.33	39.0	9.19	49.4	12.1	54.5	13.6	59.6	15.3	69.8	18.9	79.6	22.7
60% (540)	10	26.8	4.26	33.4	5.02	42.3	6.12	46.7	6.69	51.1	7.29	59.8	8.53	68.2	9.79
	12	26.8	4.31	33.4	5.08	42.3	6.21	46.7	6.79	51.1	7.41	59.8	8.67	68.2	9.96
	14	26.8	4.36	33.4	5.15	42.3	6.30	46.7	6.90	51.1	7.53	59.8	8.82	68.2	10.1
	16	26.8	4.41	33.4	5.22	42.3	6.40	46.7	7.01	51.1	7.65	59.8	8.98	68.2	10.3
	18	26.8	4.47	33.4	5.29	42.3	6.50	46.7	7.13	51.1	7.78	59.8	9.14	68.2	10.5
	20	26.8	4.52	33.4	5.36	42.3	6.60	46.7	7.24	51.1	7.91	59.8	9.31	68.2	10.7
	21	26.8	4.55	33.4	5.40	42.3	6.65	46.7	7.31	51.1	7.98	59.8	9.39	68.2	10.8
	23	26.8	4.61	33.4	5.48	42.3	6.76	46.7	7.43	51.1	8.13	59.8	9.57	68.2	11.1
	25	26.8	4.67	33.4	5.57	42.3	6.88	46.7	7.57	51.1	8.32	59.8	10.1	68.2	11.9
	27	26.8	4.74	33.4	5.65	42.3	7.17	46.7	7.98	51.1	8.85	59.8	10.7	68.2	12.7
	29	26.8	4.91	33.4	5.98	42.3	7.60	46.7	8.47	51.1	9.40	59.8	11.4	68.2	13.5
	31	26.8	5.18	33.4	6.32	42.3	8.05	46.7	8.98	51.1	9.98	59.8	12.1	68.2	14.4
	33	26.8	5.45	33.4	6.67	42.3	8.52	46.7	9.52	51.1	10.6	59.8	12.9	68.2	15.3
	35	26.8	5.74	33.4	7.04	42.3	9.01	46.7	10.1	51.1	11.2	59.8	13.6	68.2	16.2
	37	26.8	6.04	33.4	7.42	42.3	9.53	46.7	10.7	51.1	11.9	59.8	14.5	68.2	17.2
	39	26.8	6.35	33.4	7.82	42.3	10.1	46.7	11.3	51.1	12.6	59.8	15.4	68.2	18.3
50% (450)	10	22.3	3.79	27.8	4.38	35.3	5.24	38.9	5.69	42.6	6.15	49.9	7.12	56.9	8.10
	12	22.3	3.83	27.8	4.43	35.3	5.31	38.9	5.77	42.6	6.24	49.9	7.23	56.9	8.23
	14	22.3	3.87	27.8	4.48	35.3	5.38	38.9	5.85	42.6	6.33	49.9	7.34	56.9	8.37
	16	22.3	3.91	27.8	4.54	35.3	5.46	38.9	5.93	42.6	6.43	49.9	7.46	56.9	8.52
	18	22.3	3.95	27.8	4.59	35.3	5.53	38.9	6.02	42.6	6.53	49.9	7.59	56.9	8.67
	20	22.3	3.99	27.8	4.65	35.3	5.61	38.9	6.12	42.6	6.64	49.9	7.72	56.9	8.82
	21	22.3	4.02	27.8	4.68	35.3	5.66	38.9	6.16	42.6	6.69	49.9	7.79	56.9	8.90
	23	22.3	4.06	27.8	4.74	35.3	5.74	38.9	6.26	42.6	6.80	49.9	7.93	56.9	9.07
	25	22.3	4.11	27.8	4.81	35.3	5.83	38.9	6.37	42.6	6.92	49.9	8.09	56.9	9.44
	27	22.3	4.16	27.8	4.88	35.3	5.95	38.9	6.57	42.6	7.22	49.9	8.60	56.9	10.0
	29	22.3	4.26	27.8	5.07	35.3	6.30	38.9	6.96	42.6	7.65	49.9	9.13	56.9	10.7
	31	22.3	4.48	27.8	5.35	35.3	6.66	38.9	7.36	42.6	8.10	49.9	9.68	56.9	11.3
	33	22.3	4.71	27.8	5.64	35.3	7.04	38.9	7.79	42.6	8.58	49.9	10.3	56.9	12.0
	35	22.3	4.95	27.8	5.94	35.3	7.43	38.9	8.23	42.6	9.07	49.9	10.9	56.9	12.8
	37	22.3	5.20	27.8	6.25	35.3	7.84	38.9	8.69	42.6	9.60	49.9	11.5	56.9	13.6
	39	22.3	5.45	27.8	6.57	35.3	8.27	38.9	9.18	42.6	10.1	49.9	12.2	56.9	14.4

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ38TSY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1235)	10	61.5	8.97	76.7	11.3	97.2	14.8	107	16.5	117	18.3	133	20.9	137	20.0
	12	61.5	9.12	76.7	11.5	97.2	15.0	107	16.8	117	18.7	132	20.8	135	19.8
	14	61.5	9.27	76.7	11.7	97.2	15.3	107	17.2	117	19.0	130	20.7	134	20.0
	16	61.5	9.44	76.7	11.9	97.2	15.6	107	17.5	117	19.4	128	20.8	132	21.0
	18	61.5	9.60	76.7	12.2	97.2	15.9	107	17.8	117	20.0	127	21.9	130	22.1
	20	61.5	9.78	76.7	12.4	97.2	16.3	107	18.8	117	21.5	125	22.9	128	23.2
	21	61.5	9.87	76.7	12.5	97.2	16.9	107	19.5	117	22.3	124	23.5	128	23.7
	23	61.5	10.1	76.7	13.0	97.2	18.1	107	20.9	117	23.9	122	24.5	126	24.8
	25	61.5	10.5	76.7	13.9	97.2	19.4	107	22.4	117	25.3	120	25.6	124	25.9
	27	61.5	11.2	76.7	14.9	97.2	20.7	107	23.9	115	26.4	119	26.7	122	27.0
	29	61.5	11.9	76.7	15.8	97.2	22.1	107	25.5	113	27.5	117	27.8	121	28.1
	31	61.5	12.6	76.7	16.9	97.2	23.6	107	27.3	112	28.5	115	28.9	119	29.2
	33	61.5	13.4	76.7	17.9	97.2	25.1	107	29.1	110	29.6	114	30.0	117	30.3
	35	61.5	14.2	76.7	19.1	97.2	26.8	106	30.5	108	30.7	112	31.1	115	31.5
	37	61.5	15.1	76.7	20.3	97.2	28.5	105	31.6	106	31.8	110	32.2	114	32.6
	39	61.5	16.0	76.7	21.5	97.2	30.4	103	32.6	105	32.9	108	33.3	112	33.7
120% (1140)	10	56.8	8.28	70.8	10.4	89.8	13.5	99.1	15.1	108	16.7	127	20.1	135	20.5
	12	56.8	8.41	70.8	10.6	89.8	13.7	99.1	15.4	108	17.0	127	20.4	133	20.4
	14	56.8	8.55	70.8	10.8	89.8	14.0	99.1	15.6	108	17.4	127	20.8	131	20.3
	16	56.8	8.70	70.8	10.9	89.8	14.2	99.1	15.9	108	17.7	126	21.1	130	20.9
	18	56.8	8.85	70.8	11.2	89.8	14.5	99.1	16.3	108	18.0	125	21.7	128	22.0
	20	56.8	9.00	70.8	11.4	89.8	14.8	99.1	16.8	108	19.1	123	22.8	126	23.0
	21	56.8	9.08	70.8	11.5	89.8	15.1	99.1	17.3	108	19.8	122	23.3	125	23.6
	23	56.8	9.25	70.8	11.8	89.8	16.2	99.1	18.6	108	21.2	120	24.4	124	24.6
	25	56.8	9.54	70.8	12.5	89.8	17.3	99.1	19.9	108	22.7	119	25.5	122	25.7
	27	56.8	10.1	70.8	13.4	89.8	18.4	99.1	21.2	108	24.3	117	26.5	120	26.8
	29	56.8	10.8	70.8	14.2	89.8	19.7	99.1	22.7	108	25.9	115	27.6	118	27.9
	31	56.8	11.4	70.8	15.1	89.8	21.0	99.1	24.2	108	27.7	113	28.7	117	29.0
	33	56.8	12.1	70.8	16.1	89.8	22.4	99.1	25.8	108	29.4	112	29.8	115	30.1
	35	56.8	12.9	70.8	17.1	89.8	23.8	99.1	27.5	106	30.5	110	30.9	113	31.2
	37	56.8	13.7	70.8	18.2	89.8	25.3	99.1	29.3	105	31.6	108	32.0	112	32.3
	39	56.8	14.5	70.8	19.3	89.8	27.0	99.1	31.2	103	32.7	106	33.1	110	33.5
110% (1045)	10	52.1	7.61	64.9	9.48	82.3	12.2	90.8	13.7	99.3	15.1	116	18.1	133	21.1
	12	52.1	7.73	64.9	9.64	82.3	12.4	90.8	13.9	99.3	15.4	116	18.5	131	21.0
	14	52.1	7.85	64.9	9.80	82.3	12.7	90.8	14.2	99.3	15.7	116	18.8	129	20.9
	16	52.1	7.98	64.9	9.98	82.3	12.9	90.8	14.4	99.3	16.0	116	19.2	127	20.8
	18	52.1	8.11	64.9	10.2	82.3	13.2	90.8	14.7	99.3	16.3	116	19.7	126	21.8
	20	52.1	8.25	64.9	10.3	82.3	13.4	90.8	15.0	99.3	16.8	116	21.2	124	22.9
	21	52.1	8.32	64.9	10.4	82.3	13.6	90.8	15.3	99.3	17.4	116	21.9	123	23.4
	23	52.1	8.47	64.9	10.6	82.3	14.3	90.8	16.4	99.3	18.7	116	23.5	121	24.5
	25	52.1	8.62	64.9	11.2	82.3	15.3	90.8	17.6	99.3	20.0	116	25.2	120	25.6
	27	52.1	9.16	64.9	12.0	82.3	16.3	90.8	18.7	99.3	21.3	115	26.4	118	26.6
	29	52.1	9.73	64.9	12.7	82.3	17.4	90.8	20.0	99.3	22.8	113	27.4	116	27.7
	31	52.1	10.3	64.9	13.5	82.3	18.6	90.8	21.3	99.3	24.3	111	28.5	114	28.8
	33	52.1	10.9	64.9	14.4	82.3	19.8	90.8	22.7	99.3	25.9	110	29.6	113	29.9
	35	52.1	11.6	64.9	15.3	82.3	21.0	90.8	24.2	99.3	27.6	108	30.7	111	31.0
	37	52.1	12.3	64.9	16.2	82.3	22.4	90.8	25.8	99.3	29.4	106	31.7	109	32.1
	39	52.1	13.0	64.9	17.2	82.3	23.8	90.8	27.4	99.3	31.4	104	32.8	108	33.2
100% (950)	10	47.3	6.96	59.0	8.60	74.8	11.0	82.5	12.3	90.3	13.6	106	16.2	121	18.9
	12	47.3	7.07	59.0	8.74	74.8	11.2	82.5	12.5	90.3	13.8	106	16.5	121	19.3
	14	47.3	7.17	59.0	8.89	74.8	11.4	82.5	12.7	90.3	14.1	106	16.9	121	19.6
	16	47.3	7.29	59.0	9.04	74.8	11.6	82.5	13.0	90.3	14.3	106	17.2	121	20.0
	18	47.3	7.40	59.0	9.20	74.8	11.8	82.5	13.2	90.3	14.6	106	17.5	121	20.8
	20	47.3	7.52	59.0	9.36	74.8	12.1	82.5	13.5	90.3	14.9	106	18.4	121	22.4
	21	47.3	7.59	59.0	9.45	74.8	12.2	82.5	13.6	90.3	15.2	106	19.1	121	23.2
	23	47.3	7.72	59.0	9.62	74.8	12.6	82.5	14.4	90.3	16.3	106	20.4	119	24.3
	25	47.3	7.85	59.0	9.98	74.8	13.5	82.5	15.4	90.3	17.4	106	21.9	117	25.4
	27	47.3	8.24	59.0	10.6	74.8	14.4	82.5	16.4	90.3	18.6	106	23.4	116	26.4
	29	47.3	8.74	59.0	11.3	74.8	15.3	82.5	17.5	90.3	19.9	106	25.0	114	27.5
	31	47.3	9.26	59.0	12.0	74.8	16.3	82.5	18.6	90.3	21.2	106	26.7	112	28.6
	33	47.3	9.80	59.0	12.7	74.8	17.3	82.5	19.8	90.3	22.6	106	28.4	110	29.7
	35	47.3	10.4	59.0	13.5	74.8	18.4	82.5	21.1	90.3	24.0	106	30.3	109	30.7
	37	47.3	11.0	59.0	14.3	74.8	19.6	82.5	22.5	90.3	25.6	104	31.5	107	31.8
	39	47.3	11.6	59.0	15.2	74.8	20.8	82.5	23.9	90.3	27.2	102	32.6	105	32.9
90% (855)	10	42.6	6.34	53.1	7.76	67.3	9.84	74.3	10.9	81.3	12.1	95.1	14.4	108	16.7
	12	42.6	6.43	53.1	7.88	67.3	10.0	74.3	11.1	81.3	12.3	95.1	14.7	108	17.0
	14	42.6	6.52	53.1	8.00	67.3	10.2	74.3	11.3	81.3	12.5	95.1	14.9	108	17.4
	16	42.6	6.62	53.1	8.13	67.3	10.4	74.3	11.5	81.3	12.7	95.1	15.2	108	17.7
	18	42.6	6.72	53.1	8.27	67.3	10.6	74.3	11.7	81.3	13.0	95.1	15.5	108	18.1
	20	42.6	6.82	53.1	8.41	67.3	10.8	74.3	12.0	81.3	13.2	95.1	15.8	108	19.1
	21	42.6	6.88	53.1	8.49	67.3	10.9	74.3	12.1	81.3	13.4	95.1	16.4	108	19.8
	23	42.6	6.99	53.1	8.64	67.3	11.1	74.3	12.5	81.3	14.1	95.1	17.5	108	21.2
	25	42.6	7.11	53.1	8.82	67.3	11.7	74.3	13.3	81.3	15.1	95.1	18.8	108	22.7
	27	42.6	7.36	53.1	9.38	67.3	12.5	74.3	14.2	81.3	16.1	95.1	20.0	108	24.3
	29	42.6	7.80	53.1	9.96	67.3	13.3	74.3	15.2	81.3	17.1	95.1	21.4	108	26.0
	31	42.6	8.25	53.1	10.6	67.3	14.2	74.3	16.1	81.3	18.2	95.1	22.8	108	27.7
	33	42.6	8.73	53.1	11.2	67.3	15.1	74.3	17.2	81.3	19.4	95.1	24.3	108	29.4
	35	42.6	9.23	53.1	11.9	67.3	16.0	74.3	18.2	81.3	20.7	95.1	25.9	106	30.5
	37	42.6	9.76	53.1	12.6	67.3	17.0	74.3	19.4	81.3	22.0	95.1	27.6	105	31.6
	39	42.6	10.3	53.1	13.3	67.3	18.0	74.3	20.6	81.3	23.4	95.1	29.4	103	32.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (760)	10	37.9	5.74	47.2	6.95	59.8	8.72	66.0	9.65	72.2	10.6	84.5	12.6	96.4	14.6
	12	37.9	5.82	47.2	7.05	59.8	8.86	66.0	9.81	72.2	10.8	84.5	12.8	96.4	14.9
	14	37.9	5.90	47.2	7.16	59.8	9.01	66.0	9.98	72.2	11.0	84.5	13.1	96.4	15.2
	16	37.9	5.98	47.2	7.27	59.8	9.17	66.0	10.2	72.2	11.2	84.5	13.3	96.4	15.5
	18	37.9	6.06	47.2	7.38	59.8	9.33	66.0	10.3	72.2	11.4	84.5	13.6	96.4	15.8
	20	37.9	6.15	47.2	7.51	59.8	9.50	66.0	10.5	72.2	11.6	84.5	13.8	96.4	16.1
	21	37.9	6.20	47.2	7.57	59.8	9.58	66.0	10.6	72.2	11.7	84.5	14.0	96.4	16.7
	23	37.9	6.30	47.2	7.70	59.8	9.76	66.0	10.8	72.2	12.1	84.5	14.9	96.4	17.9
	25	37.9	6.39	47.2	7.83	59.8	10.2	66.0	11.5	72.2	12.9	84.5	15.9	96.4	19.1
	27	37.9	6.54	47.2	8.21	59.8	10.8	66.0	12.2	72.2	13.7	84.5	17.0	96.4	20.4
	29	37.9	6.92	47.2	8.71	59.8	11.5	66.0	13.0	72.2	14.6	84.5	18.1	96.4	21.8
	31	37.9	7.31	47.2	9.23	59.8	12.2	66.0	13.8	72.2	15.5	84.5	19.3	96.4	23.3
	33	37.9	7.73	47.2	9.78	59.8	13.0	66.0	14.7	72.2	16.5	84.5	20.5	96.4	24.8
	35	37.9	8.16	47.2	10.3	59.8	13.7	66.0	15.6	72.2	17.6	84.5	21.9	96.4	26.4
	37	37.9	8.61	47.2	10.9	59.8	14.6	66.0	16.6	72.2	18.7	84.5	23.3	96.4	28.2
	39	37.9	9.08	47.2	11.6	59.8	15.4	66.0	17.6	72.2	19.8	84.5	24.7	96.4	30.0
70% (665)	10	33.1	5.17	41.3	6.17	52.4	7.65	57.8	8.42	63.2	9.22	74.0	10.9	84.4	12.6
	12	33.1	5.23	41.3	6.26	52.4	7.77	57.8	8.56	63.2	9.38	74.0	11.1	84.4	12.8
	14	33.1	5.30	41.3	6.35	52.4	7.89	57.8	8.70	63.2	9.54	74.0	11.3	84.4	13.0
	16	33.1	5.37	41.3	6.44	52.4	8.02	57.8	8.85	63.2	9.70	74.0	11.5	84.4	13.3
	18	33.1	5.44	41.3	6.54	52.4	8.16	57.8	9.00	63.2	9.88	74.0	11.7	84.4	13.5
	20	33.1	5.51	41.3	6.64	52.4	8.29	57.8	9.16	63.2	10.1	74.0	11.9	84.4	13.8
	21	33.1	5.55	41.3	6.69	52.4	8.37	57.8	9.24	63.2	10.2	74.0	12.0	84.4	13.9
	23	33.1	5.63	41.3	6.80	52.4	8.52	57.8	9.41	63.2	10.3	74.0	12.4	84.4	14.8
	25	33.1	5.71	41.3	6.91	52.4	8.68	57.8	9.73	63.2	10.9	74.0	13.3	84.4	15.8
	27	33.1	5.80	41.3	7.13	52.4	9.22	57.8	10.4	63.2	11.6	74.0	14.2	84.4	16.9
	29	33.1	6.09	41.3	7.55	52.4	9.79	57.8	11.0	63.2	12.3	74.0	15.1	84.4	18.0
	31	33.1	6.43	41.3	7.99	52.4	10.4	57.8	11.7	63.2	13.1	74.0	16.0	84.4	19.2
	33	33.1	6.79	41.3	8.45	52.4	11.0	57.8	12.4	63.2	13.9	74.0	17.1	84.4	20.5
	35	33.1	7.16	41.3	8.93	52.4	11.7	57.8	13.2	63.2	14.7	74.0	18.1	84.4	21.8
	37	33.1	7.54	41.3	9.44	52.4	12.4	57.8	13.9	63.2	15.6	74.0	19.3	84.4	23.2
	39	33.1	7.94	41.3	9.96	52.4	13.1	57.8	14.8	63.2	16.6	74.0	20.5	84.4	24.7
60% (570)	10	28.4	4.62	35.4	5.44	44.9	6.64	49.5	7.26	54.2	7.91	63.4	9.25	72.3	10.6
	12	28.4	4.68	35.4	5.51	44.9	6.73	49.5	7.37	54.2	8.03	63.4	9.41	72.3	10.8
	14	28.4	4.73	35.4	5.58	44.9	6.83	49.5	7.48	54.2	8.16	63.4	9.57	72.3	11.0
	16	28.4	4.79	35.4	5.66	44.9	6.94	49.5	7.60	54.2	8.30	63.4	9.73	72.3	11.2
	18	28.4	4.84	35.4	5.74	44.9	7.04	49.5	7.73	54.2	8.44	63.4	9.91	72.3	11.4
	20	28.4	4.91	35.4	5.82	44.9	7.16	49.5	7.86	54.2	8.58	63.4	10.1	72.3	11.6
	21	28.4	4.94	35.4	5.86	44.9	7.22	49.5	7.92	54.2	8.66	63.4	10.2	72.3	11.7
	23	28.4	5.00	35.4	5.95	44.9	7.34	49.5	8.06	54.2	8.81	63.4	10.4	72.3	12.1
	25	28.4	5.07	35.4	6.04	44.9	7.46	49.5	8.20	54.2	9.03	63.4	10.9	72.3	12.9
	27	28.4	5.14	35.4	6.13	44.9	7.77	49.5	8.66	54.2	9.60	63.4	11.6	72.3	13.7
	29	28.4	5.33	35.4	6.48	44.9	8.24	49.5	9.19	54.2	10.2	63.4	12.3	72.3	14.6
	31	28.4	5.61	35.4	6.85	44.9	8.73	49.5	9.74	54.2	10.8	63.4	13.1	72.3	15.6
	33	28.4	5.91	35.4	7.23	44.9	9.24	49.5	10.3	54.2	11.5	63.4	13.9	72.3	16.6
	35	28.4	6.23	35.4	7.63	44.9	9.77	49.5	10.9	54.2	12.2	63.4	14.8	72.3	17.6
	37	28.4	6.55	35.4	8.05	44.9	10.3	49.5	11.6	54.2	12.9	63.4	15.7	72.3	18.7
	39	28.4	6.89	35.4	8.48	44.9	10.9	49.5	12.2	54.2	13.6	63.4	16.7	72.3	19.9
50% (475)	10	23.7	4.11	29.5	4.75	37.4	5.68	41.3	6.17	45.2	6.67	52.8	7.72	60.3	8.78
	12	23.7	4.15	29.5	4.80	37.4	5.76	41.3	6.25	45.2	6.77	52.8	7.84	60.3	8.93
	14	23.7	4.19	29.5	4.86	37.4	5.84	41.3	6.34	45.2	6.87	52.8	7.96	60.3	9.08
	16	23.7	4.24	29.5	4.92	37.4	5.92	41.3	6.44	45.2	6.97	52.8	8.09	60.3	9.23
	18	23.7	4.28	29.5	4.98	37.4	6.00	41.3	6.53	45.2	7.08	52.8	8.23	60.3	9.40
	20	23.7	4.33	29.5	5.04	37.4	6.09	41.3	6.63	45.2	7.20	52.8	8.37	60.3	9.57
	21	23.7	4.35	29.5	5.08	37.4	6.13	41.3	6.68	45.2	7.26	52.8	8.44	60.3	9.65
	23	23.7	4.41	29.5	5.15	37.4	6.23	41.3	6.79	45.2	7.38	52.8	8.59	60.3	9.83
	25	23.7	4.46	29.5	5.22	37.4	6.33	41.3	6.90	45.2	7.50	52.8	8.77	60.3	10.2
	27	23.7	4.51	29.5	5.29	37.4	6.46	41.3	7.12	45.2	7.83	52.8	9.32	60.3	10.9
	29	23.7	4.61	29.5	5.50	37.4	6.83	41.3	7.54	45.2	8.30	52.8	9.90	60.3	11.6
	31	23.7	4.86	29.5	5.80	37.4	7.22	41.3	7.98	45.2	8.79	52.8	10.5	60.3	12.3
	33	23.7	5.11	29.5	6.11	37.4	7.63	41.3	8.44	45.2	9.30	52.8	11.1	60.3	13.1
	35	23.7	5.37	29.5	6.44	37.4	8.06	41.3	8.92	45.2	9.84	52.8	11.8	60.3	13.9
	37	23.7	5.63	29.5	6.78	37.4	8.50	41.3	9.43	45.2	10.4	52.8	12.5	60.3	14.7
	39	23.7	5.91	29.5	7.13	37.4	8.97	41.3	9.95	45.2	11.0	52.8	13.2	60.3	15.6

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ▭ shows rated condition.

When only *VRV* indoor units are connected

RXQ40TSY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1300)	10	65.0	9.67	81.1	12.2	103	15.9	113	17.8	124	19.8	141	22.5	145	21.5
	12	65.0	9.83	81.1	12.4	103	16.2	113	18.1	124	20.1	139	22.4	143	21.4
	14	65.0	10.0	81.1	12.6	103	16.5	113	18.5	124	20.5	137	22.3	141	21.5
	16	65.0	10.2	81.1	12.9	103	16.8	113	18.9	124	20.9	136	22.4	139	22.7
	18	65.0	10.4	81.1	13.1	103	17.2	113	19.2	124	21.6	134	23.6	138	23.8
	20	65.0	10.5	81.1	13.4	103	17.6	113	20.3	124	23.2	132	24.7	136	25.0
	21	65.0	10.6	81.1	13.5	103	18.2	113	21.0	124	24.0	131	25.3	135	25.6
	23	65.0	10.8	81.1	14.1	103	19.5	113	22.5	124	25.7	129	26.5	133	26.7
	25	65.0	11.3	81.1	15.0	103	20.9	113	24.1	123	27.3	127	27.6	131	27.9
	27	65.0	12.1	81.1	16.0	103	22.3	113	25.8	122	28.4	125	28.8	129	29.1
	29	65.0	12.8	81.1	17.1	103	23.8	113	27.5	120	29.6	124	30.0	127	30.3
	31	65.0	13.6	81.1	18.2	103	25.4	113	29.4	118	30.8	122	31.1	126	31.5
	33	65.0	14.5	81.1	19.3	103	27.1	113	31.4	116	31.9	120	32.3	124	32.7
	35	65.0	15.3	81.1	20.6	103	28.9	112	32.9	114	33.1	118	33.5	122	33.9
	37	65.0	16.3	81.1	21.9	103	30.7	110	34.0	112	34.2	116	34.7	120	35.1
	39	65.0	17.3	81.1	23.2	103	32.7	109	35.2	111	35.4	115	35.9	118	36.3
120% (1200)	10	60.0	8.92	74.8	11.2	94.8	14.5	105	16.2	115	18.0	134	21.6	142	22.1
	12	60.0	9.07	74.8	11.4	94.8	14.8	105	16.5	115	18.4	134	22.0	141	22.0
	14	60.0	9.22	74.8	11.6	94.8	15.1	105	16.9	115	18.7	134	22.4	139	21.9
	16	60.0	9.37	74.8	11.8	94.8	15.4	105	17.2	115	19.1	133	22.7	137	22.5
	18	60.0	9.53	74.8	12.0	94.8	15.7	105	17.5	115	19.5	132	23.4	135	23.7
	20	60.0	9.70	74.8	12.2	94.8	16.0	105	18.1	115	20.6	130	24.6	133	24.8
	21	60.0	9.79	74.8	12.4	94.8	16.3	105	18.7	115	21.3	129	25.2	132	25.4
	23	60.0	9.97	74.8	12.7	94.8	17.4	105	20.0	115	22.8	127	26.3	131	26.6
	25	60.0	10.3	74.8	13.5	94.8	18.6	105	21.4	115	24.4	125	27.5	129	27.7
	27	60.0	10.9	74.8	14.4	94.8	19.9	105	22.9	115	26.1	123	28.6	127	28.9
	29	60.0	11.6	74.8	15.3	94.8	21.2	105	24.5	115	27.9	122	29.8	125	30.1
	31	60.0	12.3	74.8	16.3	94.8	22.6	105	26.1	115	29.8	120	30.9	123	31.3
	33	60.0	13.1	74.8	17.4	94.8	24.1	105	27.8	114	31.7	118	32.1	121	32.5
	35	60.0	13.9	74.8	18.4	94.8	25.7	105	29.7	112	32.9	116	33.3	120	33.6
	37	60.0	14.7	74.8	19.6	94.8	27.3	105	31.6	111	34.0	114	34.5	118	34.8
	39	60.0	15.6	74.8	20.8	94.8	29.1	105	33.7	109	35.2	112	35.6	116	36.1
110% (1100)	10	55.0	8.20	68.6	10.2	86.9	13.2	95.9	14.7	105	16.3	123	19.5	140	22.7
	12	55.0	8.33	68.6	10.4	86.9	13.4	95.9	15.0	105	16.6	123	19.9	138	22.6
	14	55.0	8.46	68.6	10.6	86.9	13.7	95.9	15.3	105	16.9	123	20.3	136	22.5
	16	55.0	8.60	68.6	10.8	86.9	13.9	95.9	15.6	105	17.2	123	20.7	135	22.4
	18	55.0	8.74	68.6	10.9	86.9	14.2	95.9	15.9	105	17.6	123	21.2	133	23.5
	20	55.0	8.89	68.6	11.2	86.9	14.5	95.9	16.2	105	18.1	123	22.8	131	24.7
	21	55.0	8.97	68.6	11.3	86.9	14.6	95.9	16.5	105	18.8	123	23.6	130	25.2
	23	55.0	9.13	68.6	11.5	86.9	15.4	95.9	17.7	105	20.1	123	25.4	128	26.4
	25	55.0	9.30	68.6	12.1	86.9	16.5	95.9	18.9	105	21.5	123	27.2	126	27.5
	27	55.0	9.88	68.6	12.9	86.9	17.6	95.9	20.2	105	23.0	121	28.4	125	28.7
	29	55.0	10.5	68.6	13.7	86.9	18.8	95.9	21.6	105	24.6	119	29.6	123	29.9
	31	55.0	11.1	68.6	14.6	86.9	20.0	95.9	23.0	105	26.2	118	30.7	121	31.0
	33	55.0	11.8	68.6	15.5	86.9	21.3	95.9	24.5	105	27.9	116	31.9	119	32.2
	35	55.0	12.5	68.6	16.4	86.9	22.7	95.9	26.1	105	29.8	114	33.1	117	33.4
	37	55.0	13.2	68.6	17.4	86.9	24.1	95.9	27.8	105	31.7	112	34.2	115	34.6
	39	55.0	14.0	68.6	18.5	86.9	25.6	95.9	29.6	105	33.8	110	35.4	114	35.8
100% (1000)	10	50.0	7.50	62.4	9.27	79.0	11.9	87.2	13.2	95.4	14.6	112	17.5	127	20.4
	12	50.0	7.62	62.4	9.42	79.0	12.1	87.2	13.5	95.4	14.9	112	17.8	127	20.8
	14	50.0	7.73	62.4	9.58	79.0	12.3	87.2	13.7	95.4	15.2	112	18.2	127	21.2
	16	50.0	7.85	62.4	9.74	79.0	12.5	87.2	14.0	95.4	15.5	112	18.5	127	21.6
	18	50.0	7.98	62.4	9.91	79.0	12.8	87.2	14.2	95.4	15.8	112	18.9	127	22.4
	20	50.0	8.11	62.4	10.1	79.0	13.0	87.2	14.5	95.4	16.1	112	19.8	127	24.1
	21	50.0	8.18	62.4	10.2	79.0	13.1	87.2	14.7	95.4	16.4	112	20.5	127	25.0
	23	50.0	8.32	62.4	10.4	79.0	13.6	87.2	15.5	95.4	17.6	112	22.0	126	26.2
	25	50.0	8.46	62.4	10.8	79.0	14.5	87.2	16.6	95.4	18.8	112	23.6	124	27.4
	27	50.0	8.88	62.4	11.5	79.0	15.5	87.2	17.7	95.4	20.1	112	25.2	122	28.5
	29	50.0	9.42	62.4	12.2	79.0	16.5	87.2	18.9	95.4	21.4	112	26.9	120	29.7
	31	50.0	9.98	62.4	12.9	79.0	17.6	87.2	20.1	95.4	22.8	112	28.7	119	30.8
	33	50.0	10.6	62.4	13.7	79.0	18.7	87.2	21.4	95.4	24.3	112	30.7	117	32.0
	35	50.0	11.2	62.4	14.6	79.0	19.9	87.2	22.8	95.4	25.9	112	32.7	115	33.1
	37	50.0	11.8	62.4	15.4	79.0	21.1	87.2	24.2	95.4	27.6	110	34.0	113	34.3
	39	50.0	12.5	62.4	16.4	79.0	22.4	87.2	25.8	95.4	29.3	108	35.1	111	35.5
90% (900)	10	45.0	6.83	56.1	8.36	71.1	10.6	78.5	11.8	85.9	13.0	101	15.5	115	18.0
	12	45.0	6.93	56.1	8.49	71.1	10.8	78.5	12.0	85.9	13.2	101	15.8	115	18.4
	14	45.0	7.03	56.1	8.63	71.1	11.0	78.5	12.2	85.9	13.5	101	16.1	115	18.7
	16	45.0	7.13	56.1	8.77	71.1	11.2	78.5	12.4	85.9	13.7	101	16.4	115	19.1
	18	45.0	7.24	56.1	8.92	71.1	11.4	78.5	12.7	85.9	14.0	101	16.7	115	19.5
	20	45.0	7.36	56.1	9.07	71.1	11.6	78.5	12.9	85.9	14.3	101	17.1	115	20.6
	21	45.0	7.41	56.1	9.15	71.1	11.7	78.5	13.0	85.9	14.4	101	17.6	115	21.3
	23	45.0	7.53	56.1	9.31	71.1	11.9	78.5	13.5	85.9	15.2	101	18.9	115	22.9
	25	45.0	7.66	56.1	9.51	71.1	12.7	78.5	14.4	85.9	16.2	101	20.2	115	24.5
	27	45.0	7.93	56.1	10.1	71.1	13.5	78.5	15.3	85.9	17.3	101	21.6	115	26.2
	29	45.0	8.40	56.1	10.7	71.1	14.4	78.5	16.3	85.9	18.5	101	23.1	115	28.0
	31	45.0	8.90	56.1	11.4	71.1	15.3	78.5	17.4	85.9	19.7	101	24.6	115	29.9
	33	45.0	9.41	56.1	12.1	71.1	16.2	78.5	18.5	85.9	20.9	101	26.2	114	31.7
	35	45.0	9.95	56.1	12.8	71.1	17.2	78.5	19.7	85.9	22.3	101	27.9	112	32.9
	37	45.0	10.5	56.1	13.6	71.1	18.3	78.5	20.9	85.9	23.7	101	29.7	111	34.0
	39	45.0	11.1	56.1	14.4	71.1	19.4	78.5	22.2	85.9	25.2	101	31.7	109	35.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (800)	10	40.0	6.19	49.9	7.49	63.2	9.40	69.8	10.4	76.3	11.4	89.3	13.6	102	15.8
	12	40.0	6.27	49.9	7.60	63.2	9.55	69.8	10.6	76.3	11.6	89.3	13.8	102	16.0
	14	40.0	6.36	49.9	7.71	63.2	9.71	69.8	10.8	76.3	11.8	89.3	14.1	102	16.3
	16	40.0	6.44	49.9	7.83	63.2	9.88	69.8	10.9	76.3	12.1	89.3	14.4	102	16.7
	18	40.0	6.54	49.9	7.96	63.2	10.1	69.8	11.1	76.3	12.3	89.3	14.6	102	17.0
	20	40.0	6.63	49.9	8.09	63.2	10.2	69.8	11.4	76.3	12.5	89.3	14.9	102	17.4
	21	40.0	6.68	49.9	8.16	63.2	10.3	69.8	11.5	76.3	12.6	89.3	15.1	102	18.0
	23	40.0	6.79	49.9	8.30	63.2	10.5	69.8	11.7	76.3	13.0	89.3	16.0	102	19.3
	25	40.0	6.89	49.9	8.44	63.2	10.9	69.8	12.4	76.3	13.9	89.3	17.1	102	20.6
	27	40.0	7.04	49.9	8.85	63.2	11.6	69.8	13.2	76.3	14.8	89.3	18.3	102	22.0
	29	40.0	7.45	49.9	9.39	63.2	12.4	69.8	14.0	76.3	15.7	89.3	19.5	102	23.5
	31	40.0	7.88	49.9	9.95	63.2	13.2	69.8	14.9	76.3	16.8	89.3	20.8	102	25.1
	33	40.0	8.33	49.9	10.5	63.2	14.0	69.8	15.8	76.3	17.8	89.3	22.1	102	26.7
	35	40.0	8.79	49.9	11.2	63.2	14.8	69.8	16.8	76.3	18.9	89.3	23.6	102	28.5
	37	40.0	9.28	49.9	11.8	63.2	15.7	69.8	17.8	76.3	20.1	89.3	25.1	102	30.4
	39	40.0	9.79	49.9	12.5	63.2	16.7	69.8	18.9	76.3	21.4	89.3	26.7	102	32.3
70% (700)	10	35.0	5.57	43.7	6.65	55.3	8.24	61.1	9.08	66.8	9.94	78.2	11.7	89.1	13.5
	12	35.0	5.64	43.7	6.75	55.3	8.37	61.1	9.22	66.8	10.1	78.2	11.9	89.1	13.8
	14	35.0	5.71	43.7	6.84	55.3	8.51	61.1	9.38	66.8	10.3	78.2	12.2	89.1	14.1
	16	35.0	5.79	43.7	6.94	55.3	8.65	61.1	9.53	66.8	10.5	78.2	12.4	89.1	14.3
	18	35.0	5.86	43.7	7.05	55.3	8.79	61.1	9.70	66.8	10.6	78.2	12.6	89.1	14.6
	20	35.0	5.94	43.7	7.16	55.3	8.94	61.1	9.87	66.8	10.8	78.2	12.8	89.1	14.9
	21	35.0	5.98	43.7	7.21	55.3	9.02	61.1	9.96	66.8	10.9	78.2	13.0	89.1	15.0
	23	35.0	6.07	43.7	7.33	55.3	9.18	61.1	10.1	66.8	11.1	78.2	13.4	89.1	16.0
	25	35.0	6.16	43.7	7.45	55.3	9.35	61.1	10.5	66.8	11.7	78.2	14.3	89.1	17.1
	27	35.0	6.25	43.7	7.68	55.3	9.94	61.1	11.2	66.8	12.5	78.2	15.3	89.1	18.2
	29	35.0	6.57	43.7	8.14	55.3	10.6	61.1	11.9	66.8	13.3	78.2	16.2	89.1	19.4
	31	35.0	6.93	43.7	8.61	55.3	11.2	61.1	12.6	66.8	14.1	78.2	17.3	89.1	20.7
	33	35.0	7.32	43.7	9.11	55.3	11.9	61.1	13.4	66.8	15.0	78.2	18.4	89.1	22.1
	35	35.0	7.71	43.7	9.63	55.3	12.6	61.1	14.2	66.8	15.9	78.2	19.6	89.1	23.5
	37	35.0	8.13	43.7	10.2	55.3	13.3	61.1	15.0	66.8	16.9	78.2	20.8	89.1	25.0
	39	35.0	8.56	43.7	10.7	55.3	14.1	61.1	15.9	66.8	17.9	78.2	22.1	89.1	26.6
60% (600)	10	30.0	4.98	37.4	5.86	47.4	7.15	52.3	7.82	57.3	8.52	67.0	9.97	76.4	11.4
	12	30.0	5.04	37.4	5.94	47.4	7.26	52.3	7.94	57.3	8.66	67.0	10.1	76.4	11.6
	14	30.0	5.10	37.4	6.02	47.4	7.36	52.3	8.07	57.3	8.80	67.0	10.3	76.4	11.9
	16	30.0	5.16	37.4	6.10	47.4	7.48	52.3	8.19	57.3	8.94	67.0	10.5	76.4	12.1
	18	30.0	5.22	37.4	6.18	47.4	7.59	52.3	8.33	57.3	9.09	67.0	10.7	76.4	12.3
	20	30.0	5.29	37.4	6.27	47.4	7.71	52.3	8.47	57.3	9.25	67.0	10.9	76.4	12.5
	21	30.0	5.32	37.4	6.32	47.4	7.78	52.3	8.54	57.3	9.33	67.0	11.0	76.4	12.7
	23	30.0	5.39	37.4	6.41	47.4	7.91	52.3	8.69	57.3	9.50	67.0	11.2	76.4	13.0
	25	30.0	5.46	37.4	6.51	47.4	8.04	52.3	8.84	57.3	9.73	67.0	11.7	76.4	13.9
	27	30.0	5.54	37.4	6.61	47.4	8.38	52.3	9.33	57.3	10.3	67.0	12.5	76.4	14.8
	29	30.0	5.74	37.4	6.99	47.4	8.88	52.3	9.90	57.3	11.0	67.0	13.3	76.4	15.8
	31	30.0	6.05	37.4	7.38	47.4	9.41	52.3	10.5	57.3	11.7	67.0	14.1	76.4	16.8
	33	30.0	6.37	37.4	7.79	47.4	9.96	52.3	11.1	57.3	12.4	67.0	15.0	76.4	17.8
	35	30.0	6.71	37.4	8.22	47.4	10.5	52.3	11.8	57.3	13.1	67.0	15.9	76.4	19.0
	37	30.0	7.06	37.4	8.67	47.4	11.1	52.3	12.5	57.3	13.9	67.0	16.9	76.4	20.1
	39	30.0	7.42	37.4	9.14	47.4	11.8	52.3	13.2	57.3	14.7	67.0	18.0	76.4	21.4
50% (500)	10	25.0	4.43	31.2	5.12	39.5	6.12	43.6	6.65	47.7	7.19	55.8	8.32	63.7	9.47
	12	25.0	4.47	31.2	5.18	39.5	6.21	43.6	6.74	47.7	7.30	55.8	8.45	63.7	9.62
	14	25.0	4.52	31.2	5.24	39.5	6.29	43.6	6.84	47.7	7.40	55.8	8.58	63.7	9.78
	16	25.0	4.57	31.2	5.30	39.5	6.38	43.6	6.94	47.7	7.52	55.8	8.72	63.7	9.95
	18	25.0	4.62	31.2	5.37	39.5	6.47	43.6	7.04	47.7	7.64	55.8	8.87	63.7	10.1
	20	25.0	4.67	31.2	5.44	39.5	6.56	43.6	7.15	47.7	7.76	55.8	9.02	63.7	10.3
	21	25.0	4.69	31.2	5.47	39.5	6.61	43.6	7.21	47.7	7.82	55.8	9.10	63.7	10.4
	23	25.0	4.75	31.2	5.55	39.5	6.71	43.6	7.32	47.7	7.95	55.8	9.26	63.7	10.6
	25	25.0	4.81	31.2	5.62	39.5	6.82	43.6	7.44	47.7	8.09	55.8	9.45	63.7	11.0
	27	25.0	4.86	31.2	5.70	39.5	6.96	43.6	7.68	47.7	8.43	55.8	10.0	63.7	11.7
	29	25.0	4.97	31.2	5.93	39.5	7.36	43.6	8.13	47.7	8.94	55.8	10.7	63.7	12.5
	31	25.0	5.23	31.2	6.25	39.5	7.79	43.6	8.61	47.7	9.47	55.8	11.3	63.7	13.3
	33	25.0	5.50	31.2	6.59	39.5	8.22	43.6	9.10	47.7	10.0	55.8	12.0	63.7	14.1
	35	25.0	5.78	31.2	6.94	39.5	8.68	43.6	9.62	47.7	10.6	55.8	12.7	63.7	14.9
	37	25.0	6.07	31.2	7.30	39.5	9.16	43.6	10.2	47.7	11.2	55.8	13.5	63.7	15.8
	39	25.0	6.37	31.2	7.68	39.5	9.67	43.6	10.7	47.7	11.9	55.8	14.3	63.7	16.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ42TSY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1365)	10	67.9	9.07	84.7	11.4	107	14.9	118	16.7	130	18.5	147	21.1	151	20.2
	12	67.9	9.22	84.7	11.6	107	15.2	118	17.0	130	18.9	145	21.0	149	20.1
	14	67.9	9.38	84.7	11.9	107	15.5	118	17.3	130	19.3	143	20.9	147	20.2
	16	67.9	9.54	84.7	12.1	107	15.8	118	17.7	130	19.6	142	21.0	146	21.3
	18	67.9	9.71	84.7	12.3	107	16.1	118	18.0	130	20.2	140	22.1	144	22.3
	20	67.9	9.89	84.7	12.5	107	16.5	118	19.0	130	21.7	138	23.2	142	23.4
	21	67.9	9.98	84.7	12.7	107	17.1	118	19.7	130	22.5	137	23.7	141	24.0
	23	67.9	10.2	84.7	13.2	107	18.3	118	21.1	130	24.1	135	24.8	139	25.1
	25	67.9	10.6	84.7	14.1	107	19.6	118	22.6	129	25.6	133	25.9	137	26.2
	27	67.9	11.3	84.7	15.0	107	20.9	118	24.2	127	26.7	131	27.0	135	27.3
	29	67.9	12.0	84.7	16.0	107	22.3	118	25.8	125	27.8	129	28.1	133	28.4
	31	67.9	12.8	84.7	17.0	107	23.8	118	27.6	123	28.8	127	29.2	131	29.5
	33	67.9	13.6	84.7	18.1	107	25.4	118	29.4	121	29.9	125	30.3	129	30.7
	35	67.9	14.4	84.7	19.3	107	27.1	117	30.8	119	31.0	123	31.4	127	31.8
	37	67.9	15.3	84.7	20.5	107	28.8	115	31.9	117	32.1	122	32.5	126	32.9
	39	67.9	16.2	84.7	21.8	107	30.7	113	33.0	116	33.2	120	33.7	124	34.1
120% (1260)	10	62.7	8.37	78.2	10.5	99.1	13.6	109	15.2	120	16.9	140	20.3	149	20.8
	12	62.7	8.51	78.2	10.7	99.1	13.9	109	15.5	120	17.2	140	20.7	147	20.6
	14	62.7	8.65	78.2	10.9	99.1	14.1	109	15.8	120	17.5	140	21.1	145	20.5
	16	62.7	8.79	78.2	11.1	99.1	14.4	109	16.1	120	17.9	139	21.3	143	21.1
	18	62.7	8.94	78.2	11.3	99.1	14.7	109	16.4	120	18.2	137	22.0	141	22.2
	20	62.7	9.10	78.2	11.5	99.1	15.0	109	16.9	120	19.3	136	23.1	139	23.3
	21	62.7	9.18	78.2	11.6	99.1	15.3	109	17.5	120	20.0	135	23.6	138	23.8
	23	62.7	9.35	78.2	11.9	99.1	16.3	109	18.8	120	21.4	133	24.7	136	24.9
	25	62.7	9.65	78.2	12.7	99.1	17.5	109	20.1	120	22.9	131	25.8	134	26.0
	27	62.7	10.3	78.2	13.5	99.1	18.6	109	21.5	120	24.5	129	26.8	133	27.1
	29	62.7	10.9	78.2	14.4	99.1	19.9	109	22.9	120	26.2	127	27.9	131	28.2
	31	62.7	11.6	78.2	15.3	99.1	21.2	109	24.5	120	28.0	125	29.0	129	29.3
	33	62.7	12.3	78.2	16.3	99.1	22.6	109	26.1	119	29.8	123	30.1	127	30.4
	35	62.7	13.0	78.2	17.3	99.1	24.1	109	27.8	117	30.8	121	31.2	125	31.6
	37	62.7	13.8	78.2	18.4	99.1	25.6	109	29.6	116	31.9	119	32.3	123	32.7
	39	62.7	14.6	78.2	19.5	99.1	27.3	109	31.6	114	33.0	117	33.4	121	33.8
110% (1155)	10	57.5	7.69	71.7	9.58	90.8	12.4	100	13.8	110	15.3	128	18.3	146	21.3
	12	57.5	7.81	71.7	9.74	90.8	12.6	100	14.1	110	15.6	128	18.7	144	21.2
	14	57.5	7.94	71.7	9.91	90.8	12.8	100	14.3	110	15.9	128	19.0	142	21.1
	16	57.5	8.07	71.7	10.1	90.8	13.1	100	14.6	110	16.2	128	19.4	141	21.0
	18	57.5	8.20	71.7	10.3	90.8	13.3	100	14.9	110	16.5	128	19.9	139	22.1
	20	57.5	8.34	71.7	10.5	90.8	13.6	100	15.2	110	17.0	128	21.4	137	23.1
	21	57.5	8.41	71.7	10.6	90.8	13.7	100	15.5	110	17.6	128	22.2	136	23.7
	23	57.5	8.56	71.7	10.8	90.8	14.5	100	16.6	110	18.9	128	23.8	134	24.8
	25	57.5	8.72	71.7	11.3	90.8	15.5	100	17.7	110	20.2	128	25.5	132	25.8
	27	57.5	9.27	71.7	12.1	90.8	16.5	100	19.0	110	21.6	127	26.7	130	26.9
	29	57.5	9.84	71.7	12.9	90.8	17.6	100	20.2	110	23.0	125	27.7	128	28.0
	31	57.5	10.4	71.7	13.7	90.8	18.8	100	21.6	110	24.6	123	28.8	126	29.1
	33	57.5	11.1	71.7	14.5	90.8	20.0	100	23.0	110	26.2	121	29.9	124	30.2
	35	57.5	11.7	71.7	15.4	90.8	21.3	100	24.5	110	27.9	119	31.0	122	31.3
	37	57.5	12.4	71.7	16.4	90.8	22.6	100	26.1	110	29.8	117	32.1	121	32.4
	39	57.5	13.1	71.7	17.4	90.8	24.0	100	27.7	110	31.7	115	33.2	119	33.6
100% (1050)	10	52.2	7.04	65.1	8.70	82.6	11.1	91.1	12.4	99.7	13.7	117	16.4	133	19.1
	12	52.2	7.14	65.1	8.84	82.6	11.3	91.1	12.6	99.7	14.0	117	16.7	133	19.5
	14	52.2	7.25	65.1	8.99	82.6	11.5	91.1	12.9	99.7	14.2	117	17.0	133	19.8
	16	52.2	7.37	65.1	9.14	82.6	11.7	91.1	13.1	99.7	14.5	117	17.4	133	20.2
	18	52.2	7.48	65.1	9.30	82.6	12.0	91.1	13.4	99.7	14.8	117	17.7	133	21.0
	20	52.2	7.61	65.1	9.47	82.6	12.2	91.1	13.6	99.7	15.1	117	18.6	133	22.6
	21	52.2	7.67	65.1	9.55	82.6	12.3	91.1	13.8	99.7	15.4	117	19.3	133	23.4
	23	52.2	7.80	65.1	9.73	82.6	12.8	91.1	14.6	99.7	16.5	117	20.6	131	24.6
	25	52.2	7.94	65.1	10.1	82.6	13.6	91.1	15.5	99.7	17.6	117	22.1	130	25.7
	27	52.2	8.33	65.1	10.7	82.6	14.5	91.1	16.6	99.7	18.8	117	23.6	128	26.7
	29	52.2	8.83	65.1	11.4	82.6	15.5	91.1	17.7	99.7	20.1	117	25.2	126	27.8
	31	52.2	9.36	65.1	12.1	82.6	16.5	91.1	18.8	99.7	21.4	117	27.0	124	28.9
	33	52.2	9.91	65.1	12.9	82.6	17.5	91.1	20.1	99.7	22.8	117	28.8	122	30.0
	35	52.2	10.5	65.1	13.7	82.6	18.6	91.1	21.4	99.7	24.3	117	30.7	120	31.1
	37	52.2	11.1	65.1	14.5	82.6	19.8	91.1	22.7	99.7	25.9	115	31.9	118	32.2
	39	52.2	11.7	65.1	15.3	82.6	21.0	91.1	24.2	99.7	27.5	113	33.0	116	33.3
90% (945)	10	47.0	6.41	58.6	7.84	74.3	9.95	82.0	11.1	89.7	12.2	105	14.5	120	16.9
	12	47.0	6.50	58.6	7.96	74.3	10.1	82.0	11.2	89.7	12.4	105	14.8	120	17.2
	14	47.0	6.59	58.6	8.09	74.3	10.3	82.0	11.4	89.7	12.6	105	15.1	120	17.6
	16	47.0	6.69	58.6	8.22	74.3	10.5	82.0	11.7	89.7	12.9	105	15.4	120	17.9
	18	47.0	6.79	58.6	8.36	74.3	10.7	82.0	11.9	89.7	13.1	105	15.7	120	18.3
	20	47.0	6.90	58.6	8.51	74.3	10.9	82.0	12.1	89.7	13.4	105	16.0	120	19.3
	21	47.0	6.95	58.6	8.58	74.3	11.0	82.0	12.2	89.7	13.5	105	16.6	120	20.0
	23	47.0	7.07	58.6	8.73	74.3	11.2	82.0	12.6	89.7	14.3	105	17.7	120	21.5
	25	47.0	7.19	58.6	8.92	74.3	11.9	82.0	13.5	89.7	15.2	105	19.0	120	23.0
	27	47.0	7.44	58.6	9.48	74.3	12.7	82.0	14.4	89.7	16.2	105	20.3	120	24.6
	29	47.0	7.88	58.6	10.1	74.3	13.5	82.0	15.3	89.7	17.3	105	21.6	120	26.2
	31	47.0	8.35	58.6	10.7	74.3	14.3	82.0	16.3	89.7	18.4	105	23.1	120	28.0
	33	47.0	8.83	58.6	11.3	74.3	15.2	82.0	17.4	89.7	19.6	105	24.6	119	29.8
	35	47.0	9.33	58.6	12.0	74.3	16.2	82.0	18.5	89.7	20.9	105	26.2	118	30.8
	37	47.0	9.86	58.6	12.7	74.3	17.2	82.0	19.6	89.7	22.2	105	27.9	116	31.9
	39	47.0	10.4	58.6	13.5	74.3	18.2	82.0	20.8	89.7	23.6	105	29.7	114	33.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (840)	10	41.8	5.80	52.1	7.02	66.0	8.82	72.9	9.75	79.7	10.7	93.3	12.7	106	14.8
	12	41.8	5.88	52.1	7.13	66.0	8.96	72.9	9.92	79.7	10.9	93.3	13.0	106	15.1
	14	41.8	5.96	52.1	7.24	66.0	9.11	72.9	10.1	79.7	11.1	93.3	13.2	106	15.3
	16	41.8	6.05	52.1	7.35	66.0	9.27	72.9	10.3	79.7	11.3	93.3	13.5	106	15.6
	18	41.8	6.13	52.1	7.47	66.0	9.43	72.9	10.5	79.7	11.5	93.3	13.7	106	15.9
	20	41.8	6.22	52.1	7.59	66.0	9.60	72.9	10.7	79.7	11.7	93.3	14.0	106	16.3
	21	41.8	6.27	52.1	7.65	66.0	9.69	72.9	10.8	79.7	11.9	93.3	14.1	106	16.9
	23	41.8	6.37	52.1	7.78	66.0	9.87	72.9	11.0	79.7	12.2	93.3	15.0	106	18.1
	25	41.8	6.47	52.1	7.92	66.0	10.3	72.9	11.6	79.7	13.0	93.3	16.1	106	19.3
	27	41.8	6.61	52.1	8.30	66.0	10.9	72.9	12.3	79.7	13.9	93.3	17.1	106	20.7
	29	41.8	6.99	52.1	8.81	66.0	11.6	72.9	13.1	79.7	14.8	93.3	18.3	106	22.1
	31	41.8	7.39	52.1	9.33	66.0	12.3	72.9	14.0	79.7	15.7	93.3	19.5	106	23.5
	33	41.8	7.81	52.1	9.88	66.0	13.1	72.9	14.8	79.7	16.7	93.3	20.8	106	25.1
	35	41.8	8.25	52.1	10.5	66.0	13.9	72.9	15.8	79.7	17.8	93.3	22.1	106	26.7
	37	41.8	8.71	52.1	11.1	66.0	14.7	72.9	16.7	79.7	18.9	93.3	23.5	106	28.5
	39	41.8	9.18	52.1	11.7	66.0	15.6	72.9	17.8	79.7	20.1	93.3	25.0	106	30.3
70% (735)	10	36.6	5.23	45.6	6.24	57.8	7.73	63.8	8.51	69.8	9.32	81.7	11.0	93.1	12.7
	12	36.6	5.29	45.6	6.33	57.8	7.85	63.8	8.65	69.8	9.48	81.7	11.2	93.1	12.9
	14	36.6	5.36	45.6	6.42	57.8	7.98	63.8	8.79	69.8	9.64	81.7	11.4	93.1	13.2
	16	36.6	5.43	45.6	6.51	57.8	8.11	63.8	8.94	69.8	9.81	81.7	11.6	93.1	13.4
	18	36.6	5.50	45.6	6.61	57.8	8.25	63.8	9.10	69.8	9.99	81.7	11.8	93.1	13.7
	20	36.6	5.57	45.6	6.71	57.8	8.39	63.8	9.26	69.8	10.2	81.7	12.1	93.1	14.0
	21	36.6	5.61	45.6	6.76	57.8	8.46	63.8	9.34	69.8	10.3	81.7	12.2	93.1	14.1
	23	36.6	5.69	45.6	6.87	57.8	8.61	63.8	9.52	69.8	10.5	81.7	12.6	93.1	15.0
	25	36.6	5.78	45.6	6.99	57.8	8.77	63.8	9.84	69.8	11.0	81.7	13.4	93.1	16.0
	27	36.6	5.86	45.6	7.21	57.8	9.32	63.8	10.5	69.8	11.7	81.7	14.3	93.1	17.1
	29	36.6	6.16	45.6	7.64	57.8	9.90	63.8	11.1	69.8	12.4	81.7	15.2	93.1	18.2
	31	36.6	6.50	45.6	8.08	57.8	10.5	63.8	11.8	69.8	13.2	81.7	16.2	93.1	19.4
	33	36.6	6.86	45.6	8.55	57.8	11.1	63.8	12.5	69.8	14.0	81.7	17.3	93.1	20.7
	35	36.6	7.24	45.6	9.03	57.8	11.8	63.8	13.3	69.8	14.9	81.7	18.3	93.1	22.0
	37	36.6	7.63	45.6	9.54	57.8	12.5	63.8	14.1	69.8	15.8	81.7	19.5	93.1	23.4
	39	36.6	8.03	45.6	10.1	57.8	13.2	63.8	14.9	69.8	16.8	81.7	20.7	93.1	24.9
60% (630)	10	31.3	4.68	39.1	5.50	49.5	6.71	54.7	7.34	59.8	7.99	70.0	9.35	79.8	10.7
	12	31.3	4.73	39.1	5.57	49.5	6.81	54.7	7.45	59.8	8.12	70.0	9.51	79.8	10.9
	14	31.3	4.78	39.1	5.64	49.5	6.91	54.7	7.57	59.8	8.25	70.0	9.67	79.8	11.1
	16	31.3	4.84	39.1	5.72	49.5	7.01	54.7	7.69	59.8	8.39	70.0	9.84	79.8	11.3
	18	31.3	4.90	39.1	5.80	49.5	7.12	54.7	7.81	59.8	8.53	70.0	10.0	79.8	11.5
	20	31.3	4.96	39.1	5.88	49.5	7.24	54.7	7.94	59.8	8.68	70.0	10.2	79.8	11.8
	21	31.3	4.99	39.1	5.92	49.5	7.30	54.7	8.01	59.8	8.75	70.0	10.3	79.8	11.9
	23	31.3	5.06	39.1	6.01	49.5	7.42	54.7	8.15	59.8	8.91	70.0	10.5	79.8	12.2
	25	31.3	5.12	39.1	6.10	49.5	7.54	54.7	8.30	59.8	9.13	70.0	11.0	79.8	13.0
	27	31.3	5.20	39.1	6.20	49.5	7.86	54.7	8.75	59.8	9.70	70.0	11.7	79.8	13.9
	29	31.3	5.38	39.1	6.55	49.5	8.33	54.7	9.29	59.8	10.3	70.0	12.5	79.8	14.8
	31	31.3	5.68	39.1	6.92	49.5	8.83	54.7	9.85	59.8	10.9	70.0	13.3	79.8	15.7
	33	31.3	5.98	39.1	7.31	49.5	9.34	54.7	10.4	59.8	11.6	70.0	14.1	79.8	16.7
	35	31.3	6.29	39.1	7.71	49.5	9.88	54.7	11.1	59.8	12.3	70.0	15.0	79.8	17.8
	37	31.3	6.62	39.1	8.14	49.5	10.4	54.7	11.7	59.8	13.0	70.0	15.9	79.8	18.9
	39	31.3	6.96	39.1	8.58	49.5	11.0	54.7	12.4	59.8	13.8	70.0	16.8	79.8	20.1
50% (525)	10	26.1	4.16	32.6	4.80	41.3	5.75	45.6	6.24	49.8	6.75	58.3	7.80	66.5	8.88
	12	26.1	4.20	32.6	4.86	41.3	5.82	45.6	6.32	49.8	6.84	58.3	7.92	66.5	9.03
	14	26.1	4.24	32.6	4.91	41.3	5.90	45.6	6.41	49.8	6.95	58.3	8.05	66.5	9.18
	16	26.1	4.28	32.6	4.97	41.3	5.98	45.6	6.51	49.8	7.05	58.3	8.18	66.5	9.34
	18	26.1	4.33	32.6	5.04	41.3	6.07	45.6	6.60	49.8	7.16	58.3	8.32	66.5	9.50
	20	26.1	4.38	32.6	5.10	41.3	6.16	45.6	6.71	49.8	7.28	58.3	8.46	66.5	9.67
	21	26.1	4.40	32.6	5.13	41.3	6.20	45.6	6.76	49.8	7.34	58.3	8.54	66.5	9.76
	23	26.1	4.45	32.6	5.20	41.3	6.30	45.6	6.87	49.8	7.46	58.3	8.69	66.5	9.94
	25	26.1	4.51	32.6	5.27	41.3	6.40	45.6	6.98	49.8	7.59	58.3	8.87	66.5	10.4
	27	26.1	4.56	32.6	5.35	41.3	6.53	45.6	7.20	49.8	7.91	58.3	9.42	66.5	11.0
	29	26.1	4.67	32.6	5.56	41.3	6.91	45.6	7.63	49.8	8.39	58.3	10.0	66.5	11.7
	31	26.1	4.91	32.6	5.86	41.3	7.30	45.6	8.07	49.8	8.89	58.3	10.6	66.5	12.4
	33	26.1	5.16	32.6	6.18	41.3	7.72	45.6	8.54	49.8	9.41	58.3	11.3	66.5	13.2
	35	26.1	5.43	32.6	6.51	41.3	8.15	45.6	9.02	49.8	9.95	58.3	11.9	66.5	14.0
	37	26.1	5.70	32.6	6.85	41.3	8.60	45.6	9.53	49.8	10.5	58.3	12.6	66.5	14.9
	39	26.1	5.98	32.6	7.21	41.3	9.07	45.6	10.1	49.8	11.1	58.3	13.4	66.5	15.8

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ44TSY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1430)	10	71.4	9.77	89.0	12.3	113	16.1	125	18.0	136	20.0	155	22.7	159	21.7
	12	71.4	9.93	89.0	12.6	113	16.4	125	18.3	136	20.4	153	22.6	157	21.6
	14	71.4	10.1	89.0	12.8	113	16.7	125	18.7	136	20.7	151	22.5	155	21.7
	16	71.4	10.3	89.0	13.0	113	17.0	125	19.1	136	21.1	149	22.7	153	22.9
	18	71.4	10.5	89.0	13.3	113	17.3	125	19.4	136	21.8	147	23.8	151	24.1
	20	71.4	10.6	89.0	13.5	113	17.8	125	20.5	136	23.4	145	25.0	149	25.3
	21	71.4	10.7	89.0	13.6	113	18.4	125	21.2	136	24.3	144	25.6	148	25.8
	23	71.4	11.0	89.0	14.2	113	19.7	125	22.7	136	26.0	142	26.7	146	27.0
	25	71.4	11.4	89.0	15.2	113	21.1	125	24.3	135	27.6	140	27.9	144	28.2
	27	71.4	12.2	89.0	16.2	113	22.5	125	26.0	133	28.7	138	29.1	142	29.4
	29	71.4	13.0	89.0	17.2	113	24.1	125	27.8	131	29.9	136	30.3	140	30.6
	31	71.4	13.8	89.0	18.4	113	25.7	125	29.7	129	31.1	134	31.5	138	31.8
	33	71.4	14.6	89.0	19.5	113	27.4	125	31.7	127	32.2	132	32.7	136	33.0
	35	71.4	15.5	89.0	20.8	113	29.2	123	33.2	125	33.4	130	33.8	134	34.3
	37	71.4	16.5	89.0	22.1	113	31.1	121	34.4	123	34.6	128	35.1	132	35.5
	39	71.4	17.4	89.0	23.5	113	33.1	119	35.6	121	35.8	126	36.3	130	36.7
120% (1320)	10	65.9	9.02	82.2	11.3	104	14.7	115	16.4	126	18.2	147	21.8	156	22.4
	12	65.9	9.16	82.2	11.5	104	14.9	115	16.7	126	18.5	147	22.3	154	22.2
	14	65.9	9.31	82.2	11.7	104	15.2	115	17.0	126	18.9	147	22.7	152	22.1
	16	65.9	9.47	82.2	11.9	104	15.5	115	17.4	126	19.3	147	22.9	150	22.8
	18	65.9	9.63	82.2	12.1	104	15.8	115	17.7	126	19.7	145	23.7	148	23.9
	20	65.9	9.80	82.2	12.4	104	16.1	115	18.2	126	20.8	143	24.8	146	25.1
	21	65.9	9.89	82.2	12.5	104	16.4	115	18.9	126	21.5	142	25.4	145	25.7
	23	65.9	10.1	82.2	12.8	104	17.6	115	20.2	126	23.1	140	26.6	143	26.8
	25	65.9	10.4	82.2	13.7	104	18.8	115	21.7	126	24.7	138	27.7	141	28.0
	27	65.9	11.1	82.2	14.6	104	20.1	115	23.1	126	26.4	136	28.9	139	29.2
	29	65.9	11.7	82.2	15.5	104	21.4	115	24.7	126	28.2	134	30.1	137	30.4
	31	65.9	12.5	82.2	16.5	104	22.9	115	26.4	126	30.1	132	31.3	135	31.6
	33	65.9	13.2	82.2	17.5	104	24.3	115	28.1	126	32.1	130	32.4	133	32.8
	35	65.9	14.0	82.2	18.6	104	25.9	115	30.0	124	33.2	128	33.6	131	34.0
	37	65.9	14.9	82.2	19.8	104	27.6	115	31.9	122	34.4	126	34.8	129	35.2
	39	65.9	15.8	82.2	21.0	104	29.4	115	34.0	120	35.6	124	36.0	127	36.4
110% (1210)	10	60.4	8.29	75.3	10.3	95.5	13.3	105	14.9	115	16.5	135	19.7	154	23.0
	12	60.4	8.42	75.3	10.5	95.5	13.6	105	15.1	115	16.8	135	20.1	152	22.9
	14	60.4	8.55	75.3	10.7	95.5	13.8	105	15.4	115	17.1	135	20.5	150	22.8
	16	60.4	8.69	75.3	10.9	95.5	14.1	105	15.7	115	17.4	135	20.9	148	22.6
	18	60.4	8.84	75.3	11.1	95.5	14.3	105	16.0	115	17.8	135	21.5	146	23.8
	20	60.4	8.99	75.3	11.3	95.5	14.6	105	16.3	115	18.3	135	23.1	144	24.9
	21	60.4	9.06	75.3	11.4	95.5	14.8	105	16.7	115	19.0	135	23.9	143	25.5
	23	60.4	9.22	75.3	11.6	95.5	15.6	105	17.9	115	20.3	135	25.6	141	26.7
	25	60.4	9.39	75.3	12.2	95.5	16.7	105	19.1	115	21.7	135	27.5	139	27.8
	27	60.4	9.98	75.3	13.0	95.5	17.8	105	20.4	115	23.2	133	28.7	137	29.0
	29	60.4	10.6	75.3	13.9	95.5	19.0	105	21.8	115	24.8	131	29.9	135	30.2
	31	60.4	11.2	75.3	14.7	95.5	20.2	105	23.2	115	26.5	129	31.1	133	31.4
	33	60.4	11.9	75.3	15.6	95.5	21.5	105	24.8	115	28.2	127	32.2	131	32.6
	35	60.4	12.6	75.3	16.6	95.5	22.9	105	26.4	115	30.1	125	33.4	129	33.7
	37	60.4	13.4	75.3	17.6	95.5	24.4	105	28.1	115	32.1	123	34.6	127	34.9
	39	60.4	14.2	75.3	18.7	95.5	25.9	105	29.9	115	34.2	121	35.8	125	36.2
100% (1100)	10	54.9	7.58	68.5	9.37	86.8	12.0	95.8	13.4	105	14.8	123	17.7	140	20.6
	12	54.9	7.70	68.5	9.52	86.8	12.2	95.8	13.6	105	15.1	123	18.0	140	21.0
	14	54.9	7.81	68.5	9.68	86.8	12.4	95.8	13.9	105	15.3	123	18.4	140	21.4
	16	54.9	7.94	68.5	9.85	86.8	12.7	95.8	14.1	105	15.6	123	18.7	140	21.8
	18	54.9	8.06	68.5	10.0	86.8	12.9	95.8	14.4	105	15.9	123	19.1	140	22.7
	20	54.9	8.19	68.5	10.2	86.8	13.1	95.8	14.7	105	16.2	123	20.0	140	24.3
	21	54.9	8.26	68.5	10.3	86.8	13.3	95.8	14.8	105	16.6	123	20.8	140	25.2
	23	54.9	8.40	68.5	10.5	86.8	13.7	95.8	15.7	105	17.7	123	22.2	138	26.5
	25	54.9	8.55	68.5	10.9	86.8	14.7	95.8	16.7	105	19.0	123	23.8	136	27.6
	27	54.9	8.97	68.5	11.6	86.8	15.6	95.8	17.9	105	20.3	123	25.5	134	28.8
	29	54.9	9.51	68.5	12.3	86.8	16.7	95.8	19.1	105	21.6	123	27.2	132	30.0
	31	54.9	10.1	68.5	13.1	86.8	17.7	95.8	20.3	105	23.1	123	29.0	130	31.1
	33	54.9	10.7	68.5	13.9	86.8	18.9	95.8	21.6	105	24.6	123	31.0	128	32.3
	35	54.9	11.3	68.5	14.7	86.8	20.1	95.8	23.0	105	26.2	123	33.0	126	33.5
	37	54.9	12.0	68.5	15.6	86.8	21.3	95.8	24.5	105	27.9	121	34.3	124	34.7
	39	54.9	12.6	68.5	16.5	86.8	22.7	95.8	26.0	105	29.6	119	35.5	122	35.9
90% (990)	10	49.4	6.90	61.6	8.45	78.1	10.7	86.2	11.9	94.3	13.1	110	15.7	126	18.2
	12	49.4	7.00	61.6	8.58	78.1	10.9	86.2	12.1	94.3	13.4	110	16.0	126	18.6
	14	49.4	7.10	61.6	8.72	78.1	11.1	86.2	12.3	94.3	13.6	110	16.3	126	18.9
	16	49.4	7.21	61.6	8.86	78.1	11.3	86.2	12.6	94.3	13.9	110	16.6	126	19.3
	18	49.4	7.32	61.6	9.01	78.1	11.5	86.2	12.8	94.3	14.1	110	16.9	126	19.7
	20	49.4	7.43	61.6	9.16	78.1	11.7	86.2	13.0	94.3	14.4	110	17.2	126	20.8
	21	49.4	7.49	61.6	9.24	78.1	11.8	86.2	13.2	94.3	14.6	110	17.8	126	21.6
	23	49.4	7.61	61.6	9.41	78.1	12.1	86.2	13.6	94.3	15.4	110	19.1	126	23.1
	25	49.4	7.74	61.6	9.61	78.1	12.8	86.2	14.5	94.3	16.4	110	20.4	126	24.7
	27	49.4	8.02	61.6	10.2	78.1	13.6	86.2	15.5	94.3	17.5	110	21.8	126	26.5
	29	49.4	8.49	61.6	10.8	78.1	14.5	86.2	16.5	94.3	18.7	110	23.3	126	28.3
	31	49.4	8.99	61.6	11.5	78.1	15.4	86.2	17.6	94.3	19.9	110	24.8	126	30.2
	33	49.4	9.51	61.6	12.2	78.1	16.4	86.2	18.7	94.3	21.2	110	26.5	126	32.1
	35	49.4	10.1	61.6	12.9	78.1	17.4	86.2	19.9	94.3	22.5	110	28.2	124	33.2
	37	49.4	10.6	61.6	13.7	78.1	18.5	86.2	21.1	94.3	23.9	110	30.1	122	34.4
	39	49.4	11.2	61.6	14.5	78.1	19.6	86.2	22.4	94.3	25.5	110	32.0	120	35.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (880)	10	43.9	6.25	54.8	7.57	69.4	9.50	76.6	10.5	83.8	11.6	98.1	13.7	112	15.9
	12	43.9	6.34	54.8	7.68	69.4	9.65	76.6	10.7	83.8	11.8	98.1	14.0	112	16.2
	14	43.9	6.42	54.8	7.79	69.4	9.82	76.6	10.9	83.8	12.0	98.1	14.2	112	16.5
	16	43.9	6.51	54.8	7.92	69.4	9.99	76.6	11.1	83.8	12.2	98.1	14.5	112	16.8
	18	43.9	6.61	54.8	8.04	69.4	10.2	76.6	11.3	83.8	12.4	98.1	14.8	112	17.2
	20	43.9	6.70	54.8	8.17	69.4	10.3	76.6	11.5	83.8	12.6	98.1	15.1	112	17.6
	21	43.9	6.75	54.8	8.24	69.4	10.4	76.6	11.6	83.8	12.8	98.1	15.2	112	18.2
	23	43.9	6.86	54.8	8.38	69.4	10.6	76.6	11.8	83.8	13.1	98.1	16.2	112	19.5
	25	43.9	6.97	54.8	8.53	69.4	11.1	76.6	12.5	83.8	14.0	98.1	17.3	112	20.8
	27	43.9	7.12	54.8	8.94	69.4	11.8	76.6	13.3	83.8	14.9	98.1	18.5	112	22.3
	29	43.9	7.53	54.8	9.49	69.4	12.5	76.6	14.2	83.8	15.9	98.1	19.7	112	23.8
	31	43.9	7.97	54.8	10.1	69.4	13.3	76.6	15.1	83.8	16.9	98.1	21.0	112	25.3
	33	43.9	8.42	54.8	10.6	69.4	14.1	76.6	16.0	83.8	18.0	98.1	22.4	112	27.0
	35	43.9	8.89	54.8	11.3	69.4	15.0	76.6	17.0	83.8	19.1	98.1	23.8	112	28.8
	37	43.9	9.38	54.8	11.9	69.4	15.9	76.6	18.0	83.8	20.3	98.1	25.3	112	30.7
	39	43.9	9.89	54.8	12.6	69.4	16.8	76.6	19.1	83.8	21.6	98.1	26.9	112	32.7
70% (770)	10	38.4	5.63	47.9	6.72	60.8	8.33	67.0	9.17	73.4	10.0	85.8	11.9	97.9	13.7
	12	38.4	5.70	47.9	6.82	60.8	8.46	67.0	9.32	73.4	10.2	85.8	12.1	97.9	13.9
	14	38.4	5.77	47.9	6.91	60.8	8.60	67.0	9.47	73.4	10.4	85.8	12.3	97.9	14.2
	16	38.4	5.85	47.9	7.02	60.8	8.74	67.0	9.64	73.4	10.6	85.8	12.5	97.9	14.5
	18	38.4	5.92	47.9	7.12	60.8	8.88	67.0	9.80	73.4	10.8	85.8	12.7	97.9	14.7
	20	38.4	6.01	47.9	7.23	60.8	9.03	67.0	9.98	73.4	11.0	85.8	13.0	97.9	15.0
	21	38.4	6.05	47.9	7.29	60.8	9.11	67.0	10.1	73.4	11.1	85.8	13.1	97.9	15.2
	23	38.4	6.13	47.9	7.40	60.8	9.28	67.0	10.3	73.4	11.3	85.8	13.5	97.9	16.2
	25	38.4	6.22	47.9	7.53	60.8	9.45	67.0	10.6	73.4	11.8	85.8	14.5	97.9	17.3
	27	38.4	6.32	47.9	7.77	60.8	10.0	67.0	11.3	73.4	12.6	85.8	15.4	97.9	18.4
	29	38.4	6.64	47.9	8.23	60.8	10.7	67.0	12.0	73.4	13.4	85.8	16.4	97.9	19.6
	31	38.4	7.01	47.9	8.71	60.8	11.3	67.0	12.7	73.4	14.2	85.8	17.5	97.9	20.9
	33	38.4	7.39	47.9	9.21	60.8	12.0	67.0	13.5	73.4	15.1	85.8	18.6	97.9	22.3
	35	38.4	7.80	47.9	9.73	60.8	12.7	67.0	14.3	73.4	16.1	85.8	19.8	97.9	23.7
	37	38.4	8.22	47.9	10.3	60.8	13.5	67.0	15.2	73.4	17.0	85.8	21.0	97.9	25.2
	39	38.4	8.65	47.9	10.9	60.8	14.3	67.0	16.1	73.4	18.1	85.8	22.3	97.9	26.9
60% (660)	10	33.0	5.04	41.1	5.93	52.1	7.23	57.5	7.91	62.9	8.61	73.6	10.1	83.9	11.6
	12	33.0	5.09	41.1	6.00	52.1	7.33	57.5	8.03	62.9	8.75	73.6	10.2	83.9	11.8
	14	33.0	5.15	41.1	6.08	52.1	7.44	57.5	8.15	62.9	8.89	73.6	10.4	83.9	12.0
	16	33.0	5.21	41.1	6.16	52.1	7.55	57.5	8.28	62.9	9.04	73.6	10.6	83.9	12.2
	18	33.0	5.28	41.1	6.25	52.1	7.67	57.5	8.42	62.9	9.19	73.6	10.8	83.9	12.4
	20	33.0	5.34	41.1	6.34	52.1	7.80	57.5	8.56	62.9	9.35	73.6	11.0	83.9	12.7
	21	33.0	5.38	41.1	6.38	52.1	7.86	57.5	8.63	62.9	9.43	73.6	11.1	83.9	12.8
	23	33.0	5.45	41.1	6.48	52.1	7.99	57.5	8.78	62.9	9.60	73.6	11.3	83.9	13.2
	25	33.0	5.52	41.1	6.58	52.1	8.13	57.5	8.94	62.9	9.83	73.6	11.9	83.9	14.0
	27	33.0	5.60	41.1	6.68	52.1	8.47	57.5	9.43	62.9	10.5	73.6	12.6	83.9	15.0
	29	33.0	5.80	41.1	7.06	52.1	8.98	57.5	10.0	62.9	11.1	73.6	13.4	83.9	15.9
	31	33.0	6.12	41.1	7.46	52.1	9.51	57.5	10.6	62.9	11.8	73.6	14.3	83.9	17.0
	33	33.0	6.44	41.1	7.88	52.1	10.1	57.5	11.2	62.9	12.5	73.6	15.2	83.9	18.0
	35	33.0	6.78	41.1	8.31	52.1	10.6	57.5	11.9	62.9	13.2	73.6	16.1	83.9	19.2
	37	33.0	7.13	41.1	8.76	52.1	11.3	57.5	12.6	62.9	14.0	73.6	17.1	83.9	20.4
	39	33.0	7.50	41.1	9.24	52.1	11.9	57.5	13.3	62.9	14.9	73.6	18.1	83.9	21.6
50% (550)	10	27.5	4.48	34.2	5.17	43.4	6.19	47.9	6.72	52.4	7.27	61.3	8.41	69.9	9.57
	12	27.5	4.52	34.2	5.23	43.4	6.27	47.9	6.81	52.4	7.37	61.3	8.54	69.9	9.72
	14	27.5	4.57	34.2	5.29	43.4	6.36	47.9	6.91	52.4	7.48	61.3	8.67	69.9	9.89
	16	27.5	4.62	34.2	5.36	43.4	6.44	47.9	7.01	52.4	7.60	61.3	8.82	69.9	10.1
	18	27.5	4.66	34.2	5.43	43.4	6.54	47.9	7.12	52.4	7.72	61.3	8.96	69.9	10.2
	20	27.5	4.72	34.2	5.49	43.4	6.63	47.9	7.22	52.4	7.84	61.3	9.12	69.9	10.4
	21	27.5	4.74	34.2	5.53	43.4	6.68	47.9	7.28	52.4	7.90	61.3	9.20	69.9	10.5
	23	27.5	4.80	34.2	5.60	43.4	6.78	47.9	7.40	52.4	8.04	61.3	9.36	69.9	10.7
	25	27.5	4.86	34.2	5.68	43.4	6.89	47.9	7.52	52.4	8.17	61.3	9.55	69.9	11.2
	27	27.5	4.92	34.2	5.76	43.4	7.03	47.9	7.76	52.4	8.52	61.3	10.2	69.9	11.9
	29	27.5	5.03	34.2	5.99	43.4	7.44	47.9	8.22	52.4	9.04	61.3	10.8	69.9	12.6
	31	27.5	5.29	34.2	6.32	43.4	7.87	47.9	8.70	52.4	9.57	61.3	11.4	69.9	13.4
	33	27.5	5.56	34.2	6.66	43.4	8.31	47.9	9.20	52.4	10.1	61.3	12.1	69.9	14.2
	35	27.5	5.84	34.2	7.01	43.4	8.78	47.9	9.72	52.4	10.7	61.3	12.9	69.9	15.1
	37	27.5	6.14	34.2	7.38	43.4	9.26	47.9	10.3	52.4	11.3	61.3	13.6	69.9	16.0
	39	27.5	6.44	34.2	7.76	43.4	9.77	47.9	10.8	52.4	12.0	61.3	14.4	69.9	17.0

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ46TSY1 Cooling capacity (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1495)	10	74.6	10.1	93.0	12.7	118	16.6	130	18.6	142	20.6	162	23.5	166	22.5
	12	74.6	10.3	93.0	13.0	118	16.9	130	18.9	142	21.0	160	23.4	164	22.3
	14	74.6	10.4	93.0	13.2	118	17.2	130	19.3	142	21.4	158	23.2	162	22.5
	16	74.6	10.6	93.0	13.4	118	17.6	130	19.7	142	21.8	155	23.4	160	23.7
	18	74.6	10.8	93.0	13.7	118	17.9	130	20.1	142	22.5	153	24.6	158	24.9
	20	74.6	11.0	93.0	14.0	118	18.4	130	21.2	142	24.2	151	25.8	156	26.1
	21	74.6	11.1	93.0	14.1	118	19.0	130	21.9	142	25.1	150	26.4	155	26.7
	23	74.6	11.3	93.0	14.7	118	20.4	130	23.5	142	26.9	148	27.6	153	27.9
	25	74.6	11.8	93.0	15.7	118	21.8	130	25.2	142	28.5	146	28.8	150	29.2
	27	74.6	12.6	93.0	16.7	118	23.3	130	26.9	139	29.7	144	30.1	148	30.4
	29	74.6	13.4	93.0	17.8	118	24.9	130	28.7	137	30.9	142	31.3	146	31.6
	31	74.6	14.2	93.0	19.0	118	26.5	130	30.7	135	32.1	140	32.5	144	32.9
	33	74.6	15.1	93.0	20.2	118	28.3	130	32.7	133	33.3	138	33.7	142	34.1
	35	74.6	16.0	93.0	21.5	118	30.1	129	34.3	131	34.5	136	35.0	140	35.4
	37	74.6	17.0	93.0	22.8	118	32.1	127	35.5	129	35.8	134	36.2	138	36.7
	39	74.6	18.0	93.0	24.3	118	34.2	125	36.7	127	37.0	131	37.5	136	37.9
120% (1380)	10	68.9	9.32	85.9	11.7	109	15.2	120	17.0	131	18.8	154	22.6	163	23.1
	12	68.9	9.47	85.9	11.9	109	15.4	120	17.3	131	19.2	154	23.0	161	23.0
	14	68.9	9.62	85.9	12.1	109	15.7	120	17.6	131	19.5	154	23.4	159	22.8
	16	68.9	9.79	85.9	12.3	109	16.0	120	17.9	131	19.9	153	23.7	157	23.5
	18	68.9	9.95	85.9	12.5	109	16.3	120	18.3	131	20.3	151	24.5	155	24.7
	20	68.9	10.1	85.9	12.8	109	16.7	120	18.9	131	21.5	149	25.7	153	25.9
	21	68.9	10.2	85.9	12.9	109	17.0	120	19.5	131	22.2	148	26.3	152	26.5
	23	68.9	10.4	85.9	13.2	109	18.2	120	20.9	131	23.8	146	27.5	150	27.7
	25	68.9	10.7	85.9	14.1	109	19.4	120	22.4	131	25.5	144	28.7	148	29.0
	27	68.9	11.4	85.9	15.0	109	20.8	120	23.9	131	27.3	142	29.9	146	30.2
	29	68.9	12.1	85.9	16.0	109	22.1	120	25.5	131	29.2	139	31.1	144	31.4
	31	68.9	12.9	85.9	17.0	109	23.6	120	27.2	131	31.2	137	32.3	141	32.6
	33	68.9	13.7	85.9	18.1	109	25.2	120	29.1	131	33.1	135	33.5	139	33.9
	35	68.9	14.5	85.9	19.3	109	26.8	120	31.0	129	34.3	133	34.7	137	35.1
	37	68.9	15.4	85.9	20.5	109	28.5	120	33.0	127	35.5	131	36.0	135	36.4
	39	68.9	16.3	85.9	21.7	109	30.4	120	35.1	125	36.8	129	37.2	133	37.6
110% (1265)	10	63.1	8.56	78.7	10.7	99.7	13.8	110	15.4	120	17.0	141	20.4	161	23.7
	12	63.1	8.70	78.7	10.8	99.7	14.0	110	15.6	120	17.3	141	20.8	159	23.6
	14	63.1	8.83	78.7	11.0	99.7	14.3	110	15.9	120	17.7	141	21.2	156	23.5
	16	63.1	8.98	78.7	11.2	99.7	14.5	110	16.2	120	18.0	141	21.6	154	23.4
	18	63.1	9.13	78.7	11.4	99.7	14.8	110	16.6	120	18.4	141	22.2	152	24.6
	20	63.1	9.28	78.7	11.6	99.7	15.1	110	16.9	120	18.9	141	23.8	150	25.7
	21	63.1	9.36	78.7	11.8	99.7	15.3	110	17.3	120	19.6	141	24.7	149	26.3
	23	63.1	9.53	78.7	12.0	99.7	16.1	110	18.5	120	21.0	141	26.5	147	27.6
	25	63.1	9.71	78.7	12.6	99.7	17.2	110	19.8	120	22.5	141	28.4	145	28.8
	27	63.1	10.3	78.7	13.5	99.7	18.4	110	21.1	120	24.0	139	29.7	143	30.0
	29	63.1	11.0	78.7	14.3	99.7	19.6	110	22.5	120	25.6	137	30.9	141	31.2
	31	63.1	11.6	78.7	15.2	99.7	20.9	110	24.0	120	27.4	135	32.1	139	32.4
	33	63.1	12.3	78.7	16.2	99.7	22.2	110	25.6	120	29.2	133	33.3	137	33.6
	35	63.1	13.0	78.7	17.2	99.7	23.7	110	27.2	120	31.1	131	34.5	135	34.9
	37	63.1	13.8	78.7	18.2	99.7	25.2	110	29.0	120	33.1	129	35.7	132	36.1
	39	63.1	14.6	78.7	19.3	99.7	26.8	110	30.9	120	35.3	127	37.0	130	37.4
100% (1150)	10	57.4	7.83	71.5	9.68	90.7	12.4	101	13.8	109	15.3	128	18.3	146	21.3
	12	57.4	7.95	71.5	9.84	90.7	12.6	101	14.1	109	15.6	128	18.6	146	21.7
	14	57.4	8.07	71.5	10.0	90.7	12.8	101	14.3	109	15.8	128	19.0	146	22.1
	16	57.4	8.20	71.5	10.2	90.7	13.1	101	14.6	109	16.1	128	19.3	146	22.5
	18	57.4	8.33	71.5	10.4	90.7	13.3	101	14.9	109	16.5	128	19.7	146	23.4
	20	57.4	8.47	71.5	10.5	90.7	13.6	101	15.2	109	16.8	128	20.7	146	25.2
	21	57.4	8.54	71.5	10.6	90.7	13.7	101	15.3	109	17.1	128	21.4	146	26.1
	23	57.4	8.68	71.5	10.8	90.7	14.2	101	16.2	109	18.3	128	23.0	144	27.4
	25	57.4	8.84	71.5	11.2	90.7	15.2	101	17.3	109	19.6	128	24.6	142	28.6
	27	57.4	9.27	71.5	12.0	90.7	16.2	101	18.5	109	20.9	128	26.3	140	29.8
	29	57.4	9.83	71.5	12.7	90.7	17.2	101	19.7	109	22.3	128	28.1	138	31.0
	31	57.4	10.4	71.5	13.5	90.7	18.3	101	21.0	109	23.8	128	30.0	136	32.2
	33	57.4	11.0	71.5	14.3	90.7	19.5	101	22.3	109	25.4	128	32.0	134	33.4
	35	57.4	11.7	71.5	15.2	90.7	20.7	101	23.8	109	27.0	128	34.1	132	34.6
	37	57.4	12.4	71.5	16.1	90.7	22.0	100	25.3	109	28.8	126	35.5	130	35.8
	39	57.4	13.1	71.5	17.1	90.7	23.4	100	26.9	109	30.6	124	36.7	128	37.1
90% (1035)	10	51.6	7.13	64.4	8.73	81.6	11.1	90.1	12.3	98.5	13.6	115	16.2	131	18.8
	12	51.6	7.23	64.4	8.86	81.6	11.3	90.1	12.5	98.5	13.8	115	16.5	131	19.2
	14	51.6	7.34	64.4	9.01	81.6	11.5	90.1	12.7	98.5	14.1	115	16.8	131	19.6
	16	51.6	7.45	64.4	9.15	81.6	11.7	90.1	13.0	98.5	14.3	115	17.1	131	19.9
	18	51.6	7.56	64.4	9.31	81.6	11.9	90.1	13.2	98.5	14.6	115	17.5	131	20.3
	20	51.6	7.68	64.4	9.47	81.6	12.1	90.1	13.5	98.5	14.9	115	17.8	131	21.5
	21	51.6	7.74	64.4	9.55	81.6	12.2	90.1	13.6	98.5	15.0	115	18.4	131	22.3
	23	51.6	7.87	64.4	9.72	81.6	12.5	90.1	14.1	98.5	15.9	115	19.7	131	23.9
	25	51.6	8.00	64.4	9.93	81.6	13.2	90.1	15.0	98.5	16.9	115	21.1	131	25.6
	27	51.6	8.28	64.4	10.6	81.6	14.1	90.1	16.0	98.5	18.1	115	22.5	131	27.3
	29	51.6	8.78	64.4	11.2	81.6	15.0	90.1	17.1	98.5	19.3	115	24.1	131	29.2
	31	51.6	9.29	64.4	11.9	81.6	15.9	90.1	18.2	98.5	20.5	115	25.7	131	31.2
	33	51.6	9.83	64.4	12.6	81.6	16.9	90.1	19.3	98.5	21.9	115	27.4	131	33.1
	35	51.6	10.4	64.4	13.4	81.6	18.0	90.1	20.5	98.5	23.3	115	29.2	129	34.3
	37	51.6	11.0	64.4	14.2	81.6	19.1	90.1	21.8	98.5	24.7	115	31.1	127	35.5
	39	51.6	11.6	64.4	15.0	81.6	20.3	90.1	23.2	98.5	26.3	115	33.1	125	36.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (920)	10	45.9	6.46	57.2	7.82	72.5	9.81	80.1	10.9	87.6	11.9	102	14.2	117	16.4
	12	45.9	6.55	57.2	7.93	72.5	9.97	80.1	11.0	87.6	12.1	102	14.4	117	16.8
	14	45.9	6.64	57.2	8.05	72.5	10.1	80.1	11.2	87.6	12.4	102	14.7	117	17.1
	16	45.9	6.73	57.2	8.18	72.5	10.3	80.1	11.4	87.6	12.6	102	15.0	117	17.4
	18	45.9	6.83	57.2	8.31	72.5	10.5	80.1	11.6	87.6	12.8	102	15.3	117	17.7
	20	45.9	6.93	57.2	8.45	72.5	10.7	80.1	11.9	87.6	13.1	102	15.6	117	18.1
	21	45.9	6.98	57.2	8.52	72.5	10.8	80.1	12.0	87.6	13.2	102	15.7	117	18.8
	23	45.9	7.08	57.2	8.66	72.5	11.0	80.1	12.2	87.6	13.6	102	16.7	117	20.1
	25	45.9	7.20	57.2	8.81	72.5	11.4	80.1	12.9	87.6	14.5	102	17.9	117	21.5
	27	45.9	7.35	57.2	9.24	72.5	12.2	80.1	13.7	87.6	15.4	102	19.1	117	23.0
	29	45.9	7.78	57.2	9.80	72.5	12.9	80.1	14.6	87.6	16.4	102	20.4	117	24.5
	31	45.9	8.23	57.2	10.4	72.5	13.7	80.1	15.6	87.6	17.5	102	21.7	117	26.2
	33	45.9	8.70	57.2	11.0	72.5	14.6	80.1	16.5	87.6	18.6	102	23.1	117	27.9
	35	45.9	9.18	57.2	11.6	72.5	15.5	80.1	17.5	87.6	19.8	102	24.6	117	29.8
	37	45.9	9.69	57.2	12.3	72.5	16.4	80.1	18.6	87.6	21.0	102	26.2	117	31.7
	39	45.9	10.2	57.2	13.0	72.5	17.4	80.1	19.8	87.6	22.3	102	27.8	117	33.7
70% (805)	10	40.2	5.82	50.1	6.95	63.5	8.61	70.0	9.48	76.6	10.4	89.7	12.2	102	14.1
	12	40.2	5.89	50.1	7.04	63.5	8.74	70.0	9.63	76.6	10.6	89.7	12.5	102	14.4
	14	40.2	5.96	50.1	7.14	63.5	8.88	70.0	9.79	76.6	10.7	89.7	12.7	102	14.7
	16	40.2	6.04	50.1	7.25	63.5	9.03	70.0	9.96	76.6	10.9	89.7	12.9	102	14.9
	18	40.2	6.12	50.1	7.36	63.5	9.18	70.0	10.1	76.6	11.1	89.7	13.2	102	15.2
	20	40.2	6.21	50.1	7.47	63.5	9.34	70.0	10.3	76.6	11.3	89.7	13.4	102	15.5
	21	40.2	6.25	50.1	7.53	63.5	9.42	70.0	10.4	76.6	11.4	89.7	13.5	102	15.7
	23	40.2	6.34	50.1	7.65	63.5	9.58	70.0	10.6	76.6	11.6	89.7	14.0	102	16.7
	25	40.2	6.43	50.1	7.78	63.5	9.77	70.0	11.0	76.6	12.2	89.7	14.9	102	17.8
	27	40.2	6.53	50.1	8.02	63.5	10.4	70.0	11.7	76.6	13.0	89.7	15.9	102	19.0
	29	40.2	6.86	50.1	8.50	63.5	11.0	70.0	12.4	76.6	13.8	89.7	17.0	102	20.3
	31	40.2	7.24	50.1	8.99	63.5	11.7	70.0	13.2	76.6	14.7	89.7	18.1	102	21.6
	33	40.2	7.64	50.1	9.51	63.5	12.4	70.0	14.0	76.6	15.6	89.7	19.2	102	23.0
	35	40.2	8.05	50.1	10.1	63.5	13.1	70.0	14.8	76.6	16.6	89.7	20.4	102	24.5
	37	40.2	8.49	50.1	10.6	63.5	13.9	70.0	15.7	76.6	17.6	89.7	21.7	102	26.1
	39	40.2	8.94	50.1	11.2	63.5	14.7	70.0	16.6	76.6	18.7	89.7	23.1	102	27.7
60% (690)	10	34.4	5.21	42.9	6.12	54.4	7.47	60.0	8.17	65.7	8.90	76.9	10.4	87.7	12.0
	12	34.4	5.26	42.9	6.20	54.4	7.58	60.0	8.29	65.7	9.04	76.9	10.6	87.7	12.2
	14	34.4	5.32	42.9	6.28	54.4	7.69	60.0	8.42	65.7	9.18	76.9	10.8	87.7	12.4
	16	34.4	5.39	42.9	6.37	54.4	7.81	60.0	8.56	65.7	9.34	76.9	11.0	87.7	12.6
	18	34.4	5.45	42.9	6.46	54.4	7.93	60.0	8.70	65.7	9.49	76.9	11.2	87.7	12.8
	20	34.4	5.52	42.9	6.55	54.4	8.05	60.0	8.84	65.7	9.66	76.9	11.4	87.7	13.1
	21	34.4	5.56	42.9	6.59	54.4	8.12	60.0	8.92	65.7	9.74	76.9	11.5	87.7	13.2
	23	34.4	5.63	42.9	6.69	54.4	8.26	60.0	9.07	65.7	9.92	76.9	11.7	87.7	13.6
	25	34.4	5.70	42.9	6.79	54.4	8.40	60.0	9.23	65.7	10.2	76.9	12.3	87.7	14.5
	27	34.4	5.78	42.9	6.90	54.4	8.75	60.0	9.74	65.7	10.8	76.9	13.1	87.7	15.5
	29	34.4	5.99	42.9	7.29	54.4	9.27	60.0	10.3	65.7	11.5	76.9	13.9	87.7	16.5
	31	34.4	6.32	42.9	7.71	54.4	9.82	60.0	11.0	65.7	12.2	76.9	14.8	87.7	17.5
	33	34.4	6.66	42.9	8.14	54.4	10.4	60.0	11.6	65.7	12.9	76.9	15.7	87.7	18.6
	35	34.4	7.01	42.9	8.59	54.4	11.0	60.0	12.3	65.7	13.7	76.9	16.7	87.7	19.8
	37	34.4	7.37	42.9	9.06	54.4	11.6	60.0	13.0	65.7	14.5	76.9	17.7	87.7	21.0
	39	34.4	7.75	42.9	9.55	54.4	12.3	60.0	13.8	65.7	15.4	76.9	18.7	87.7	22.3
50% (575)	10	28.7	4.63	35.8	5.35	45.3	6.40	50.0	6.94	54.7	7.51	64.1	8.68	73.1	9.88
	12	28.7	4.67	35.8	5.41	45.3	6.48	50.0	7.04	54.7	7.62	64.1	8.82	73.1	10.0
	14	28.7	4.72	35.8	5.47	45.3	6.57	50.0	7.14	54.7	7.73	64.1	8.96	73.1	10.2
	16	28.7	4.77	35.8	5.54	45.3	6.66	50.0	7.24	54.7	7.85	64.1	9.11	73.1	10.4
	18	28.7	4.82	35.8	5.61	45.3	6.75	50.0	7.35	54.7	7.97	64.1	9.26	73.1	10.6
	20	28.7	4.87	35.8	5.68	45.3	6.85	50.0	7.46	54.7	8.10	64.1	9.42	73.1	10.8
	21	28.7	4.90	35.8	5.71	45.3	6.90	50.0	7.52	54.7	8.17	64.1	9.50	73.1	10.9
	23	28.7	4.96	35.8	5.79	45.3	7.01	50.0	7.64	54.7	8.30	64.1	9.67	73.1	11.1
	25	28.7	5.02	35.8	5.87	45.3	7.12	50.0	7.77	54.7	8.45	64.1	9.87	73.1	11.5
	27	28.7	5.08	35.8	5.95	45.3	7.27	50.0	8.02	54.7	8.81	64.1	10.5	73.1	12.3
	29	28.7	5.19	35.8	6.19	45.3	7.69	50.0	8.49	54.7	9.34	64.1	11.1	73.1	13.0
	31	28.7	5.47	35.8	6.53	45.3	8.13	50.0	8.98	54.7	9.89	64.1	11.8	73.1	13.9
	33	28.7	5.75	35.8	6.88	45.3	8.59	50.0	9.50	54.7	10.5	64.1	12.5	73.1	14.7
	35	28.7	6.04	35.8	7.24	45.3	9.07	50.0	10.0	54.7	11.1	64.1	13.3	73.1	15.6
	37	28.7	6.34	35.8	7.63	45.3	9.57	50.0	10.6	54.7	11.7	64.1	14.1	73.1	16.5
	39	28.7	6.66	35.8	8.02	45.3	10.1	50.0	11.2	54.7	12.4	64.1	14.9	73.1	17.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

When only *VRV* indoor units are connected

RXQ48TSY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1560)	10	77.5	10.7	96.6	13.6	122	17.7	135	19.8	148	22.0	168	25.0	173	23.9
	12	77.5	10.9	96.6	13.8	122	18.0	135	20.2	148	22.4	166	24.9	170	23.7
	14	77.5	11.1	96.6	14.0	122	18.3	135	20.5	148	22.8	164	24.7	168	23.9
	16	77.5	11.3	96.6	14.3	122	18.7	135	20.9	148	23.2	162	24.9	166	25.2
	18	77.5	11.5	96.6	14.6	122	19.1	135	21.4	148	23.9	159	26.2	164	26.5
	20	77.5	11.7	96.6	14.9	122	19.5	135	22.5	148	25.7	157	27.5	162	27.8
	21	77.5	11.8	96.6	15.0	122	20.2	135	23.3	148	26.7	156	28.1	161	28.4
	23	77.5	12.0	96.6	15.6	122	21.7	135	25.0	148	28.6	154	29.4	158	29.7
	25	77.5	12.6	96.6	16.7	122	23.2	135	26.8	147	30.3	152	30.7	156	31.0
	27	77.5	13.4	96.6	17.8	122	24.8	135	28.6	145	31.6	150	32.0	154	32.3
	29	77.5	14.2	96.6	19.0	122	26.4	135	30.6	143	32.9	147	33.3	152	33.7
	31	77.5	15.1	96.6	20.2	122	28.2	135	32.7	141	34.2	145	34.6	150	35.0
	33	77.5	16.1	96.6	21.5	122	30.1	135	34.8	138	35.4	143	35.9	148	36.3
	35	77.5	17.0	96.6	22.8	122	32.1	134	36.5	136	36.7	141	37.2	145	37.7
	37	77.5	18.1	96.6	24.3	122	34.1	132	37.8	134	38.0	139	38.5	143	39.0
	39	77.5	19.2	96.6	25.8	122	36.4	129	39.1	132	39.3	137	39.9	141	40.4
120% (1440)	10	71.5	9.91	89.2	12.4	113	16.1	125	18.0	136	20.0	160	24.0	170	24.6
	12	71.5	10.1	89.2	12.7	113	16.4	125	18.4	136	20.4	160	24.5	168	24.4
	14	71.5	10.2	89.2	12.9	113	16.7	125	18.7	136	20.8	160	24.9	165	24.3
	16	71.5	10.4	89.2	13.1	113	17.1	125	19.1	136	21.2	159	25.2	163	25.0
	18	71.5	10.6	89.2	13.4	113	17.4	125	19.5	136	21.6	157	26.0	161	26.3
	20	71.5	10.8	89.2	13.6	113	17.7	125	20.1	136	22.8	155	27.3	159	27.6
	21	71.5	10.9	89.2	13.7	113	18.1	125	20.8	136	23.7	154	27.9	158	28.2
	23	71.5	11.1	89.2	14.1	113	19.3	125	22.2	136	25.4	151	29.2	156	29.5
	25	71.5	11.4	89.2	15.0	113	20.7	125	23.8	136	27.2	149	30.5	153	30.8
	27	71.5	12.1	89.2	16.0	113	22.1	125	25.4	136	29.0	147	31.8	151	32.1
	29	71.5	12.9	89.2	17.0	113	23.6	125	27.2	136	31.0	145	33.1	149	33.4
	31	71.5	13.7	89.2	18.1	113	25.1	125	29.0	136	33.1	143	34.4	147	34.7
	33	71.5	14.5	89.2	19.3	113	26.8	125	30.9	136	35.2	141	35.7	145	36.1
	35	71.5	15.4	89.2	20.5	113	28.5	125	32.9	134	36.5	138	37.0	143	37.4
	37	71.5	16.3	89.2	21.8	113	30.3	125	35.1	132	37.8	136	38.3	140	38.7
	39	71.5	17.3	89.2	23.1	113	32.3	125	37.4	130	39.1	134	39.6	138	40.1
110% (1320)	10	65.6	9.11	81.8	11.3	104	14.6	114	16.3	125	18.1	146	21.7	167	25.3
	12	65.6	9.25	81.8	11.5	104	14.9	114	16.6	125	18.4	146	22.1	165	25.1
	14	65.6	9.40	81.8	11.7	104	15.2	114	17.0	125	18.8	146	22.5	163	25.0
	16	65.6	9.55	81.8	11.9	104	15.5	114	17.3	125	19.2	146	23.0	160	24.9
	18	65.6	9.71	81.8	12.2	104	15.8	114	17.6	125	19.5	146	23.6	158	26.1
	20	65.6	9.88	81.8	12.4	104	16.1	114	18.0	125	20.1	146	25.4	156	27.4
	21	65.6	9.96	81.8	12.5	104	16.2	114	18.4	125	20.9	146	26.3	155	28.0
	23	65.6	10.1	81.8	12.7	104	17.2	114	19.7	125	22.3	146	28.2	153	29.3
	25	65.6	10.3	81.8	13.4	104	18.3	114	21.0	125	23.9	146	30.2	151	30.6
	27	65.6	11.0	81.8	14.3	104	19.6	114	22.4	125	25.5	145	31.6	148	31.9
	29	65.6	11.7	81.8	15.2	104	20.9	114	24.0	125	27.3	142	32.9	146	33.2
	31	65.6	12.4	81.8	16.2	104	22.2	114	25.5	125	29.1	140	34.1	144	34.5
	33	65.6	13.1	81.8	17.2	104	23.7	114	27.2	125	31.0	138	35.4	142	35.8
	35	65.6	13.9	81.8	18.3	104	25.2	114	29.0	125	33.1	136	36.7	140	37.1
	37	65.6	14.7	81.8	19.4	104	26.8	114	30.9	125	35.3	134	38.0	138	38.4
	39	65.6	15.6	81.8	20.6	104	28.5	114	32.8	125	37.6	132	39.3	135	39.7
100% (1200)	10	59.6	8.34	74.3	10.3	94.2	13.2	104	14.7	114	16.2	133	19.4	152	22.6
	12	59.6	8.46	74.3	10.5	94.2	13.4	104	15.0	114	16.5	133	19.8	152	23.1
	14	59.6	8.59	74.3	10.6	94.2	13.7	104	15.2	114	16.9	133	20.2	152	23.5
	16	59.6	8.72	74.3	10.8	94.2	13.9	104	15.5	114	17.2	133	20.6	152	24.0
	18	59.6	8.86	74.3	11.0	94.2	14.2	104	15.8	114	17.5	133	21.0	152	24.9
	20	59.6	9.01	74.3	11.2	94.2	14.4	104	16.1	114	17.9	133	22.0	152	26.8
	21	59.6	9.08	74.3	11.3	94.2	14.6	104	16.3	114	18.2	133	22.8	152	27.7
	23	59.6	9.24	74.3	11.5	94.2	15.1	104	17.2	114	19.5	133	24.4	150	29.1
	25	59.6	9.40	74.3	12.0	94.2	16.1	104	18.4	114	20.9	133	26.2	148	30.4
	27	59.6	9.86	74.3	12.7	94.2	17.2	104	19.6	114	22.3	133	28.0	146	31.7
	29	59.6	10.5	74.3	13.5	94.2	18.3	104	20.9	114	23.8	133	29.9	143	32.9
	31	59.6	11.1	74.3	14.4	94.2	19.5	104	22.3	114	25.3	133	31.9	141	34.2
	33	59.6	11.7	74.3	15.2	94.2	20.7	104	23.8	114	27.0	133	34.1	139	35.5
	35	59.6	12.4	74.3	16.2	94.2	22.1	104	25.3	114	28.8	133	36.3	137	36.8
	37	59.6	13.1	74.3	17.1	94.2	23.4	104	26.9	114	30.6	131	37.8	135	38.1
	39	59.6	13.9	74.3	18.2	94.2	24.9	104	28.6	114	32.6	129	39.0	133	39.4
90% (1080)	10	53.7	7.59	66.9	9.29	84.8	11.8	93.6	13.1	102	14.4	120	17.2	137	20.0
	12	53.7	7.70	66.9	9.43	84.8	12.0	93.6	13.3	102	14.7	120	17.6	137	20.4
	14	53.7	7.81	66.9	9.58	84.8	12.2	93.6	13.6	102	15.0	120	17.9	137	20.8
	16	53.7	7.92	66.9	9.74	84.8	12.4	93.6	13.8	102	15.3	120	18.2	137	21.2
	18	53.7	8.05	66.9	9.90	84.8	12.6	93.6	14.1	102	15.5	120	18.6	137	21.6
	20	53.7	8.17	66.9	10.1	84.8	12.9	93.6	14.3	102	15.8	120	19.0	137	22.9
	21	53.7	8.24	66.9	10.2	84.8	13.0	93.6	14.5	102	16.0	120	19.6	137	23.7
	23	53.7	8.37	66.9	10.3	84.8	13.3	93.6	15.0	102	16.9	120	21.0	137	25.4
	25	53.7	8.51	66.9	10.6	84.8	14.1	93.6	16.0	102	18.0	120	22.5	137	27.2
	27	53.7	8.81	66.9	11.2	84.8	15.0	93.6	17.0	102	19.2	120	24.0	137	29.1
	29	53.7	9.34	66.9	11.9	84.8	15.9	93.6	18.2	102	20.5	120	25.6	137	31.1
	31	53.7	9.88	66.9	12.7	84.8	17.0	93.6	19.3	102	21.8	120	27.3	137	33.2
	33	53.7	10.5	66.9	13.4	84.8	18.0	93.6	20.6	102	23.3	120	29.1	136	35.3
	35	53.7	11.1	66.9	14.2	84.8	19.1	93.6	21.9	102	24.7	120	31.0	134	36.5
	37	53.7	11.7	66.9	15.1	84.8	20.3	93.6	23.2	102	26.3	120	33.0	132	37.8
	39	53.7	12.3	66.9	15.9	84.8	21.6	93.6	24.7	102	28.0	120	35.2	130	39.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (960)	10	47.7	6.87	59.5	8.32	75.4	10.4	83.2	11.6	91.0	12.7	106	15.1	121	17.5
	12	47.7	6.96	59.5	8.44	75.4	10.6	83.2	11.7	91.0	12.9	106	15.4	121	17.8
	14	47.7	7.06	59.5	8.57	75.4	10.8	83.2	12.0	91.0	13.2	106	15.6	121	18.2
	16	47.7	7.16	59.5	8.70	75.4	11.0	83.2	12.2	91.0	13.4	106	15.9	121	18.5
	18	47.7	7.26	59.5	8.84	75.4	11.2	83.2	12.4	91.0	13.6	106	16.3	121	18.9
	20	47.7	7.37	59.5	8.99	75.4	11.4	83.2	12.6	91.0	13.9	106	16.6	121	19.3
	21	47.7	7.42	59.5	9.06	75.4	11.5	83.2	12.7	91.0	14.0	106	16.7	121	20.0
	23	47.7	7.54	59.5	9.22	75.4	11.7	83.2	13.0	91.0	14.4	106	17.8	121	21.4
	25	47.7	7.66	59.5	9.38	75.4	12.2	83.2	13.7	91.0	15.4	106	19.0	121	22.9
	27	47.7	7.83	59.5	9.83	75.4	12.9	83.2	14.6	91.0	16.4	106	20.3	121	24.5
	29	47.7	8.28	59.5	10.4	75.4	13.8	83.2	15.6	91.0	17.5	106	21.7	121	26.1
	31	47.7	8.76	59.5	11.1	75.4	14.6	83.2	16.5	91.0	18.6	106	23.1	121	27.9
	33	47.7	9.25	59.5	11.7	75.4	15.5	83.2	17.6	91.0	19.8	106	24.6	121	29.7
	35	47.7	9.77	59.5	12.4	75.4	16.5	83.2	18.7	91.0	21.0	106	26.2	121	31.7
	37	47.7	10.3	59.5	13.1	75.4	17.4	83.2	19.8	91.0	22.4	106	27.8	121	33.7
	39	47.7	10.9	59.5	13.9	75.4	18.5	83.2	21.0	91.0	23.7	106	29.6	121	35.9
70% (840)	10	41.7	6.19	52.0	7.39	65.9	9.16	72.8	10.1	79.6	11.0	93.2	13.0	106	15.1
	12	41.7	6.27	52.0	7.49	65.9	9.30	72.8	10.2	79.6	11.2	93.2	13.3	106	15.3
	14	41.7	6.34	52.0	7.60	65.9	9.45	72.8	10.4	79.6	11.4	93.2	13.5	106	15.6
	16	41.7	6.43	52.0	7.71	65.9	9.60	72.8	10.6	79.6	11.6	93.2	13.7	106	15.9
	18	41.7	6.51	52.0	7.83	65.9	9.76	72.8	10.8	79.6	11.8	93.2	14.0	106	16.2
	20	41.7	6.60	52.0	7.95	65.9	9.93	72.8	11.0	79.6	12.0	93.2	14.3	106	16.5
	21	41.7	6.65	52.0	8.01	65.9	10.0	72.8	11.1	79.6	12.2	93.2	14.4	106	16.7
	23	41.7	6.74	52.0	8.14	65.9	10.2	72.8	11.3	79.6	12.4	93.2	14.9	106	17.8
	25	41.7	6.84	52.0	8.27	65.9	10.4	72.8	11.7	79.6	13.0	93.2	15.9	106	19.0
	27	41.7	6.95	52.0	8.54	65.9	11.0	72.8	12.4	79.6	13.8	93.2	16.9	106	20.2
	29	41.7	7.29	52.0	9.04	65.9	11.7	72.8	13.2	79.6	14.7	93.2	18.1	106	21.6
	31	41.7	7.70	52.0	9.57	65.9	12.4	72.8	14.0	79.6	15.6	93.2	19.2	106	23.0
	33	41.7	8.13	52.0	10.1	65.9	13.2	72.8	14.8	79.6	16.6	93.2	20.4	106	24.5
	35	41.7	8.57	52.0	10.7	65.9	14.0	72.8	15.7	79.6	17.6	93.2	21.7	106	26.1
	37	41.7	9.03	52.0	11.3	65.9	14.8	72.8	16.7	79.6	18.7	93.2	23.1	106	27.8
	39	41.7	9.51	52.0	11.9	65.9	15.7	72.8	17.7	79.6	19.9	93.2	24.5	106	29.5
60% (720)	10	35.8	5.54	44.6	6.51	56.5	7.94	62.4	8.69	68.2	9.47	79.9	11.1	91.1	12.7
	12	35.8	5.60	44.6	6.60	56.5	8.06	62.4	8.82	68.2	9.62	79.9	11.3	91.1	12.9
	14	35.8	5.66	44.6	6.68	56.5	8.18	62.4	8.96	68.2	9.77	79.9	11.5	91.1	13.2
	16	35.8	5.73	44.6	6.77	56.5	8.30	62.4	9.10	68.2	9.93	79.9	11.7	91.1	13.4
	18	35.8	5.80	44.6	6.87	56.5	8.43	62.4	9.25	68.2	10.1	79.9	11.9	91.1	13.7
	20	35.8	5.87	44.6	6.97	56.5	8.57	62.4	9.41	68.2	10.3	79.9	12.1	91.1	13.9
	21	35.8	5.91	44.6	7.02	56.5	8.64	62.4	9.49	68.2	10.4	79.9	12.2	91.1	14.1
	23	35.8	5.99	44.6	7.12	56.5	8.78	62.4	9.65	68.2	10.6	79.9	12.4	91.1	14.5
	25	35.8	6.07	44.6	7.23	56.5	8.93	62.4	9.82	68.2	10.8	79.9	13.1	91.1	15.4
	27	35.8	6.15	44.6	7.34	56.5	9.31	62.4	10.4	68.2	11.5	79.9	13.9	91.1	16.4
	29	35.8	6.38	44.6	7.76	56.5	9.87	62.4	11.0	68.2	12.2	79.9	14.8	91.1	17.5
	31	35.8	6.72	44.6	8.20	56.5	10.5	62.4	11.7	68.2	13.0	79.9	15.7	91.1	18.6
	33	35.8	7.08	44.6	8.66	56.5	11.1	62.4	12.4	68.2	13.7	79.9	16.7	91.1	19.8
	35	35.8	7.45	44.6	9.14	56.5	11.7	62.4	13.1	68.2	14.6	79.9	17.7	91.1	21.1
	37	35.8	7.84	44.6	9.63	56.5	12.4	62.4	13.9	68.2	15.4	79.9	18.8	91.1	22.4
	39	35.8	8.25	44.6	10.2	56.5	13.1	62.4	14.7	68.2	16.3	79.9	19.9	91.1	23.8
50% (600)	10	29.8	4.92	37.2	5.69	47.1	6.80	52.0	7.39	56.9	7.99	66.6	9.24	75.9	10.5
	12	29.8	4.97	37.2	5.75	47.1	6.89	52.0	7.49	56.9	8.10	66.6	9.38	75.9	10.7
	14	29.8	5.02	37.2	5.82	47.1	6.99	52.0	7.59	56.9	8.23	66.6	9.54	75.9	10.9
	16	29.8	5.07	37.2	5.89	47.1	7.08	52.0	7.71	56.9	8.35	66.6	9.69	75.9	11.1
	18	29.8	5.13	37.2	5.96	47.1	7.19	52.0	7.82	56.9	8.48	66.6	9.85	75.9	11.3
	20	29.8	5.19	37.2	6.04	47.1	7.29	52.0	7.94	56.9	8.62	66.6	10.0	75.9	11.5
	21	29.8	5.21	37.2	6.08	47.1	7.35	52.0	8.00	56.9	8.69	66.6	10.1	75.9	11.6
	23	29.8	5.27	37.2	6.16	47.1	7.46	52.0	8.13	56.9	8.83	66.6	10.3	75.9	11.8
	25	29.8	5.34	37.2	6.25	47.1	7.57	52.0	8.27	56.9	8.99	66.6	10.5	75.9	12.3
	27	29.8	5.40	37.2	6.33	47.1	7.73	52.0	8.53	56.9	9.37	66.6	11.2	75.9	13.0
	29	29.8	5.53	37.2	6.58	47.1	8.18	52.0	9.03	56.9	9.93	66.6	11.9	75.9	13.9
	31	29.8	5.82	37.2	6.95	47.1	8.65	52.0	9.56	56.9	10.5	66.6	12.6	75.9	14.7
	33	29.8	6.11	37.2	7.32	47.1	9.14	52.0	10.1	56.9	11.1	66.6	13.3	75.9	15.6
	35	29.8	6.43	37.2	7.71	47.1	9.65	52.0	10.7	56.9	11.8	66.6	14.1	75.9	16.6
	37	29.8	6.75	37.2	8.11	47.1	10.2	52.0	11.3	56.9	12.5	66.6	15.0	75.9	17.6
	39	29.8	7.08	37.2	8.53	47.1	10.7	52.0	11.9	56.9	13.2	66.6	15.8	75.9	18.7

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

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When only *VRV* indoor units are connected

RXQ50TSY1 Cooling capacity (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (1625)	10	81.0	11.4	101	14.4	128	18.8	141	21.1	155	23.4	176	26.6	180	25.4
	12	81.0	11.6	101	14.7	128	19.2	141	21.5	155	23.8	173	26.5	178	25.3
	14	81.0	11.8	101	15.0	128	19.5	141	21.9	155	24.3	171	26.3	176	25.4
	16	81.0	12.0	101	15.2	128	19.9	141	22.3	155	24.8	169	26.5	174	26.8
	18	81.0	12.2	101	15.5	128	20.3	141	22.8	155	25.5	167	27.9	171	28.2
	20	81.0	12.5	101	15.8	128	20.8	141	24.0	155	27.4	164	29.3	169	29.6
	21	81.0	12.6	101	16.0	128	21.5	141	24.8	155	28.4	163	29.9	168	30.3
	23	81.0	12.8	101	16.6	128	23.1	141	26.6	155	30.5	161	31.3	166	31.6
	25	81.0	13.4	101	17.8	128	24.7	141	28.5	154	32.3	159	32.7	163	33.0
	27	81.0	14.3	101	18.9	128	26.4	141	30.5	151	33.7	156	34.1	161	34.4
	29	81.0	15.2	101	20.2	128	28.2	141	32.6	149	35.0	154	35.4	159	35.8
	31	81.0	16.1	101	21.5	128	30.0	141	34.8	147	36.4	152	36.8	157	37.3
	33	81.0	17.1	101	22.9	128	32.0	141	37.1	145	37.8	150	38.2	154	38.7
	35	81.0	18.2	101	24.3	128	34.1	140	38.9	142	39.1	147	39.6	152	40.1
	37	81.0	19.3	101	25.9	128	36.4	138	40.3	140	40.5	145	41.0	150	41.6
	39	81.0	20.4	101	27.5	128	38.7	135	41.6	138	41.9	143	42.5	147	43.0
120% (1500)	10	74.8	10.6	93.2	13.2	118	17.2	130	19.2	143	21.3	167	25.6	177	26.2
	12	74.8	10.7	93.2	13.5	118	17.5	130	19.6	143	21.7	167	26.1	175	26.0
	14	74.8	10.9	93.2	13.7	118	17.8	130	20.0	143	22.1	167	26.6	173	25.9
	16	74.8	11.1	93.2	14.0	118	18.2	130	20.3	143	22.6	166	26.9	171	26.6
	18	74.8	11.3	93.2	14.2	118	18.5	130	20.7	143	23.0	164	27.7	168	28.0
	20	74.8	11.5	93.2	14.5	118	18.9	130	21.4	143	24.3	162	29.1	166	29.4
	21	74.8	11.6	93.2	14.6	118	19.2	130	22.1	143	25.2	161	29.8	165	30.1
	23	74.8	11.8	93.2	15.0	118	20.6	130	23.7	143	27.0	158	31.1	163	31.4
	25	74.8	12.2	93.2	16.0	118	22.0	130	25.4	143	28.9	156	32.5	160	32.8
	27	74.8	12.9	93.2	17.0	118	23.5	130	27.1	143	30.9	154	33.8	158	34.2
	29	74.8	13.7	93.2	18.1	118	25.1	130	28.9	143	33.1	151	35.2	156	35.6
	31	74.8	14.6	93.2	19.3	118	26.8	130	30.9	143	35.3	149	36.6	154	37.0
	33	74.8	15.5	93.2	20.5	118	28.5	130	32.9	142	37.5	147	38.0	151	38.4
	35	74.8	16.4	93.2	21.8	118	30.4	130	35.1	140	38.9	145	39.4	149	39.8
	37	74.8	17.4	93.2	23.2	118	32.3	130	37.4	138	40.3	142	40.8	147	41.2
	39	74.8	18.4	93.2	24.6	118	34.4	130	39.8	136	41.7	140	42.2	144	42.7
110% (1375)	10	68.5	9.70	85.4	12.1	108	15.6	119	17.4	131	19.3	153	23.1	174	26.9
	12	68.5	9.86	85.4	12.3	108	15.9	119	17.7	131	19.6	153	23.6	172	26.8
	14	68.5	10.0	85.4	12.5	108	16.2	119	18.1	131	20.0	153	24.0	170	26.6
	16	68.5	10.2	85.4	12.7	108	16.5	119	18.4	131	20.4	153	24.5	168	26.5
	18	68.5	10.3	85.4	13.0	108	16.8	119	18.8	131	20.8	153	25.1	165	27.8
	20	68.5	10.5	85.4	13.2	108	17.1	119	19.1	131	21.5	153	27.0	163	29.2
	21	68.5	10.6	85.4	13.3	108	17.3	119	19.6	131	22.2	153	28.0	162	29.9
	23	68.5	10.8	85.4	13.6	108	18.3	119	20.9	131	23.8	153	30.0	160	31.2
	25	68.5	11.0	85.4	14.3	108	19.5	119	22.4	131	25.5	153	32.1	157	32.6
	27	68.5	11.7	85.4	15.2	108	20.8	119	23.9	131	27.2	151	33.6	155	34.0
	29	68.5	12.4	85.4	16.2	108	22.2	119	25.5	131	29.1	149	35.0	153	35.3
	31	68.5	13.2	85.4	17.2	108	23.7	119	27.2	131	31.0	147	36.4	151	36.7
	33	68.5	14.0	85.4	18.3	108	25.2	119	29.0	131	33.1	144	37.7	148	38.1
	35	68.5	14.8	85.4	19.5	108	26.8	119	30.9	131	35.2	142	39.1	146	39.5
	37	68.5	15.7	85.4	20.6	108	28.5	119	32.9	131	37.5	140	40.5	144	40.9
	39	68.5	16.6	85.4	21.9	108	30.3	119	35.0	131	40.0	137	41.9	142	42.3
100% (1250)	10	62.3	8.88	77.7	11.0	98.4	14.0	109	15.6	119	17.3	139	20.7	159	24.1
	12	62.3	9.01	77.7	11.1	98.4	14.3	109	15.9	119	17.6	139	21.1	159	24.6
	14	62.3	9.15	77.7	11.3	98.4	14.6	109	16.2	119	18.0	139	21.5	159	25.0
	16	62.3	9.29	77.7	11.5	98.4	14.8	109	16.5	119	18.3	139	21.9	159	25.5
	18	62.3	9.44	77.7	11.7	98.4	15.1	109	16.8	119	18.7	139	22.4	159	26.5
	20	62.3	9.60	77.7	11.9	98.4	15.4	109	17.2	119	19.0	139	23.5	159	28.5
	21	62.3	9.68	77.7	12.0	98.4	15.5	109	17.3	119	19.4	139	24.3	159	29.5
	23	62.3	9.84	77.7	12.3	98.4	16.1	109	18.4	119	20.8	139	26.0	157	31.0
	25	62.3	10.0	77.7	12.7	98.4	17.2	109	19.6	119	22.2	139	27.9	154	32.4
	27	62.3	10.5	77.7	13.5	98.4	18.3	109	20.9	119	23.7	139	29.8	152	33.7
	29	62.3	11.1	77.7	14.4	98.4	19.5	109	22.3	119	25.3	139	31.8	150	35.1
	31	62.3	11.8	77.7	15.3	98.4	20.8	109	23.8	119	27.0	139	34.0	148	36.5
	33	62.3	12.5	77.7	16.2	98.4	22.1	109	25.3	119	28.8	139	36.3	145	37.8
	35	62.3	13.2	77.7	17.2	98.4	23.5	109	26.9	119	30.6	139	38.7	143	39.2
	37	62.3	14.0	77.7	18.3	98.4	25.0	109	28.7	119	32.6	137	40.2	141	40.6
	39	62.3	14.8	77.7	19.4	98.4	26.5	109	30.5	119	34.7	135	41.6	139	42.0
90% (1125)	10	56.1	8.08	69.9	9.89	88.6	12.6	97.8	13.9	107	15.4	125	18.4	143	21.3
	12	56.1	8.20	69.9	10.0	88.6	12.8	97.8	14.2	107	15.7	125	18.7	143	21.7
	14	56.1	8.32	69.9	10.2	88.6	13.0	97.8	14.4	107	15.9	125	19.0	143	22.2
	16	56.1	8.44	69.9	10.4	88.6	13.2	97.8	14.7	107	16.2	125	19.4	143	22.6
	18	56.1	8.57	69.9	10.5	88.6	13.5	97.8	15.0	107	16.6	125	19.8	143	23.0
	20	56.1	8.70	69.9	10.7	88.6	13.7	97.8	15.3	107	16.9	125	20.2	143	24.4
	21	56.1	8.77	69.9	10.8	88.6	13.8	97.8	15.4	107	17.0	125	20.9	143	25.2
	23	56.1	8.92	69.9	11.0	88.6	14.1	97.8	15.9	107	18.0	125	22.4	143	27.1
	25	56.1	9.06	69.9	11.3	88.6	15.0	97.8	17.0	107	19.2	125	23.9	143	29.0
	27	56.1	9.39	69.9	12.0	88.6	16.0	97.8	18.1	107	20.5	125	25.6	143	31.0
	29	56.1	9.94	69.9	12.7	88.6	17.0	97.8	19.3	107	21.8	125	27.3	143	33.1
	31	56.1	10.5	69.9	13.5	88.6	18.1	97.8	20.6	107	23.3	125	29.1	143	35.4
	33	56.1	11.1	69.9	14.3	88.6	19.2	97.8	21.9	107	24.8	125	31.0	142	37.5
	35	56.1	11.8	69.9	15.1	88.6	20.4	97.8	23.3	107	26.4	125	33.0	140	38.9
	37	56.1	12.4	69.9	16.0	88.6	21.7	97.8	24.7	107	28.0	125	35.2	138	40.3
	39	56.1	13.1	69.9	17.0	88.6	23.0	97.8	26.3	107	29.8	125	37.5	136	41.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (1000)	10	49.8	7.32	62.1	8.86	78.7	11.1	86.9	12.3	95.1	13.5	111	16.1	127	18.6
	12	49.8	7.42	62.1	8.99	78.7	11.3	86.9	12.5	95.1	13.8	111	16.4	127	19.0
	14	49.8	7.52	62.1	9.13	78.7	11.5	86.9	12.7	95.1	14.0	111	16.7	127	19.3
	16	49.8	7.62	62.1	9.27	78.7	11.7	86.9	13.0	95.1	14.3	111	17.0	127	19.7
	18	49.8	7.73	62.1	9.42	78.7	11.9	86.9	13.2	95.1	14.5	111	17.3	127	20.1
	20	49.8	7.85	62.1	9.57	78.7	12.1	86.9	13.4	95.1	14.8	111	17.6	127	20.6
	21	49.8	7.91	62.1	9.65	78.7	12.2	86.9	13.6	95.1	15.0	111	17.8	127	21.3
	23	49.8	8.03	62.1	9.82	78.7	12.4	86.9	13.8	95.1	15.4	111	19.0	127	22.8
	25	49.8	8.16	62.1	9.99	78.7	12.9	86.9	14.6	95.1	16.4	111	20.3	127	24.4
	27	49.8	8.33	62.1	10.5	78.7	13.8	86.9	15.6	95.1	17.5	111	21.6	127	26.1
	29	49.8	8.82	62.1	11.1	78.7	14.6	86.9	16.6	95.1	18.6	111	23.1	127	27.8
	31	49.8	9.33	62.1	11.8	78.7	15.6	86.9	17.6	95.1	19.8	111	24.6	127	29.7
	33	49.8	9.85	62.1	12.5	78.7	16.5	86.9	18.7	95.1	21.1	111	26.2	127	31.6
	35	49.8	10.4	62.1	13.2	78.7	17.5	86.9	19.9	95.1	22.4	111	27.9	127	33.7
	37	49.8	11.0	62.1	14.0	78.7	18.6	86.9	21.1	95.1	23.8	111	29.7	127	35.9
	39	49.8	11.6	62.1	14.8	78.7	19.7	86.9	22.4	95.1	25.3	111	31.5	127	38.2
70% (875)	10	43.6	6.59	54.4	7.87	68.9	9.76	76.0	10.7	83.2	11.8	97.4	13.9	111	16.0
	12	43.6	6.67	54.4	7.98	68.9	9.91	76.0	10.9	83.2	12.0	97.4	14.1	111	16.3
	14	43.6	6.76	54.4	8.10	68.9	10.1	76.0	11.1	83.2	12.2	97.4	14.4	111	16.6
	16	43.6	6.85	54.4	8.21	68.9	10.2	76.0	11.3	83.2	12.4	97.4	14.6	111	16.9
	18	43.6	6.94	54.4	8.34	68.9	10.4	76.0	11.5	83.2	12.6	97.4	14.9	111	17.3
	20	43.6	7.03	54.4	8.47	68.9	10.6	76.0	11.7	83.2	12.8	97.4	15.2	111	17.6
	21	43.6	7.08	54.4	8.53	68.9	10.7	76.0	11.8	83.2	12.9	97.4	15.3	111	17.8
	23	43.6	7.18	54.4	8.67	68.9	10.9	76.0	12.0	83.2	13.2	97.4	15.9	111	18.9
	25	43.6	7.29	54.4	8.81	68.9	11.1	76.0	12.4	83.2	13.8	97.4	16.9	111	20.2
	27	43.6	7.40	54.4	9.09	68.9	11.8	76.0	13.2	83.2	14.7	97.4	18.0	111	21.6
	29	43.6	7.77	54.4	9.63	68.9	12.5	76.0	14.0	83.2	15.7	97.4	19.2	111	23.0
	31	43.6	8.20	54.4	10.2	68.9	13.2	76.0	14.9	83.2	16.7	97.4	20.5	111	24.5
	33	43.6	8.66	54.4	10.8	68.9	14.0	76.0	15.8	83.2	17.7	97.4	21.8	111	26.1
	35	43.6	9.13	54.4	11.4	68.9	14.9	76.0	16.8	83.2	18.8	97.4	23.1	111	27.8
	37	43.6	9.62	54.4	12.0	68.9	15.8	76.0	17.8	83.2	19.9	97.4	24.6	111	29.6
	39	43.6	10.1	54.4	12.7	68.9	16.7	76.0	18.8	83.2	21.2	97.4	26.1	111	31.4
60% (750)	10	37.4	5.90	46.6	6.94	59.1	8.46	65.2	9.26	71.3	10.1	83.5	11.8	95.2	13.5
	12	37.4	5.96	46.6	7.03	59.1	8.58	65.2	9.40	71.3	10.2	83.5	12.0	95.2	13.8
	14	37.4	6.03	46.6	7.12	59.1	8.71	65.2	9.54	71.3	10.4	83.5	12.2	95.2	14.0
	16	37.4	6.10	46.6	7.22	59.1	8.85	65.2	9.70	71.3	10.6	83.5	12.4	95.2	14.3
	18	37.4	6.18	46.6	7.32	59.1	8.98	65.2	9.85	71.3	10.8	83.5	12.6	95.2	14.5
	20	37.4	6.26	46.6	7.42	59.1	9.13	65.2	10.0	71.3	10.9	83.5	12.9	95.2	14.8
	21	37.4	6.30	46.6	7.47	59.1	9.20	65.2	10.1	71.3	11.0	83.5	13.0	95.2	15.0
	23	37.4	6.38	46.6	7.58	59.1	9.36	65.2	10.3	71.3	11.2	83.5	13.2	95.2	15.4
	25	37.4	6.46	46.6	7.70	59.1	9.52	65.2	10.5	71.3	11.5	83.5	13.9	95.2	16.4
	27	37.4	6.55	46.6	7.82	59.1	9.91	65.2	11.0	71.3	12.2	83.5	14.8	95.2	17.5
	29	37.4	6.79	46.6	8.27	59.1	10.5	65.2	11.7	71.3	13.0	83.5	15.7	95.2	18.7
	31	37.4	7.16	46.6	8.73	59.1	11.1	65.2	12.4	71.3	13.8	83.5	16.7	95.2	19.8
	33	37.4	7.54	46.6	9.22	59.1	11.8	65.2	13.2	71.3	14.6	83.5	17.8	95.2	21.1
	35	37.4	7.94	46.6	9.73	59.1	12.5	65.2	13.9	71.3	15.5	83.5	18.9	95.2	22.4
	37	37.4	8.35	46.6	10.3	59.1	13.2	65.2	14.8	71.3	16.4	83.5	20.0	95.2	23.8
	39	37.4	8.78	46.6	10.8	59.1	13.9	65.2	15.6	71.3	17.4	83.5	21.2	95.2	25.3
50% (625)	10	31.1	5.24	38.8	6.06	49.2	7.25	54.3	7.87	59.4	8.51	69.5	9.84	79.3	11.2
	12	31.1	5.29	38.8	6.13	49.2	7.34	54.3	7.98	59.4	8.63	69.5	10.0	79.3	11.4
	14	31.1	5.35	38.8	6.20	49.2	7.44	54.3	8.09	59.4	8.76	69.5	10.2	79.3	11.6
	16	31.1	5.40	38.8	6.27	49.2	7.55	54.3	8.21	59.4	8.90	69.5	10.3	79.3	11.8
	18	31.1	5.46	38.8	6.35	49.2	7.65	54.3	8.33	59.4	9.03	69.5	10.5	79.3	12.0
	20	31.1	5.52	38.8	6.43	49.2	7.77	54.3	8.46	59.4	9.18	69.5	10.7	79.3	12.2
	21	31.1	5.55	38.8	6.48	49.2	7.82	54.3	8.53	59.4	9.25	69.5	10.8	79.3	12.3
	23	31.1	5.62	38.8	6.56	49.2	7.94	54.3	8.66	59.4	9.41	69.5	11.0	79.3	12.5
	25	31.1	5.69	38.8	6.65	49.2	8.07	54.3	8.80	59.4	9.57	69.5	11.2	79.3	13.1
	27	31.1	5.76	38.8	6.75	49.2	8.23	54.3	9.08	59.4	9.98	69.5	11.9	79.3	13.9
	29	31.1	5.89	38.8	7.01	49.2	8.71	54.3	9.62	59.4	10.6	69.5	12.6	79.3	14.8
	31	31.1	6.19	38.8	7.40	49.2	9.21	54.3	10.2	59.4	11.2	69.5	13.4	79.3	15.7
	33	31.1	6.51	38.8	7.80	49.2	9.73	54.3	10.8	59.4	11.9	69.5	14.2	79.3	16.7
	35	31.1	6.84	38.8	8.21	49.2	10.3	54.3	11.4	59.4	12.6	69.5	15.0	79.3	17.7
	37	31.1	7.19	38.8	8.64	49.2	10.8	54.3	12.0	59.4	13.3	69.5	15.9	79.3	18.8
	39	31.1	7.54	38.8	9.09	49.2	11.4	54.3	12.7	59.4	14.0	69.5	16.9	79.3	19.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. If connecting the indoor units over 130% of outdoor unit capacity, capacity of indoor unit will decrease.
4. ☐ shows rated condition.

9.3 Cooling Capacity for Mixed Combination or Only Residential Indoor Units

When only Residential indoor units or *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ18TY1 Cooling capacity (Capacity correction factor: 1.0) (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	33.3	4.77	41.5	6.07	52.6	7.96	58.0	8.92	62.7	9.68	64.7	9.18	66.7	8.69
	12	33.3	4.85	41.5	6.18	52.6	8.11	58.0	9.09	61.9	9.64	63.9	9.13	65.8	8.81
	14	33.3	4.94	41.5	6.30	52.6	8.26	58.0	9.26	61.1	9.59	63.1	9.20	65.0	9.31
	16	33.3	5.02	41.5	6.42	52.6	8.43	58.0	9.45	60.2	9.58	62.3	9.70	64.2	9.81
	18	33.3	5.12	41.5	6.54	52.6	8.59	58.0	9.88	59.4	10.1	61.5	10.2	63.4	10.3
	20	33.3	5.21	41.5	6.67	52.6	9.17	57.6	10.5	58.6	10.6	60.6	10.7	62.6	10.8
	21	33.3	5.26	41.5	6.76	52.6	9.50	57.2	10.7	58.2	10.8	60.2	10.9	62.2	11.1
	23	33.3	5.39	41.5	7.24	52.6	10.2	56.4	11.2	57.4	11.3	59.4	11.4	61.4	11.6
	25	33.3	5.75	41.5	7.74	52.6	10.9	55.6	11.7	56.6	11.8	58.6	12.0	60.6	12.1
	27	33.3	6.13	41.5	8.26	52.6	11.7	54.8	12.2	55.8	12.3	57.8	12.5	59.7	12.6
	29	33.3	6.52	41.5	8.81	52.6	12.5	53.9	12.7	55.0	12.8	57.0	13.0	58.9	13.1
	31	33.3	6.94	41.5	9.39	52.1	13.1	53.1	13.2	54.1	13.3	56.2	13.5	58.1	13.7
	33	33.3	7.38	41.5	10.0	51.3	13.6	52.3	13.7	53.3	13.8	55.4	14.0	57.3	14.2
	35	33.3	7.84	41.5	10.7	50.5	14.1	51.5	14.2	52.5	14.3	54.5	14.5	56.5	14.7
	37	33.3	8.33	41.5	11.3	49.7	14.6	50.7	14.7	51.7	14.8	53.7	15.0	55.7	15.2
	39	33.3	8.85	41.5	12.1	48.9	15.1	49.9	15.2	50.9	15.3	52.9	15.6	54.9	15.8
120% (540)	10	30.7	4.38	38.3	5.55	48.5	7.26	53.5	8.13	58.6	9.02	63.6	9.45	65.4	9.00
	12	30.7	4.46	38.3	5.65	48.5	7.39	53.5	8.28	58.6	9.20	62.8	9.40	64.6	8.94
	14	30.7	4.53	38.3	5.76	48.5	7.53	53.5	8.44	58.6	9.37	62.0	9.34	63.8	9.24
	16	30.7	4.61	38.3	5.86	48.5	7.68	53.5	8.61	58.6	9.55	61.2	9.64	63.0	9.74
	18	30.7	4.70	38.3	5.98	48.5	7.83	53.5	8.78	58.5	10.0	60.4	10.1	62.2	10.2
	20	30.7	4.78	38.3	6.09	48.5	8.15	53.5	9.42	57.7	10.5	59.6	10.6	61.4	10.7
	21	30.7	4.83	38.3	6.15	48.5	8.44	53.5	9.76	57.3	10.7	59.2	10.9	61.0	11.0
	23	30.7	4.92	38.3	6.49	48.5	9.05	53.5	10.5	56.5	11.2	58.4	11.4	60.2	11.5
	25	30.7	5.19	38.3	6.93	48.5	9.68	53.5	11.2	55.7	11.7	57.5	11.9	59.3	12.0
	27	30.7	5.53	38.3	7.39	48.5	10.4	53.5	12.0	54.9	12.2	56.7	12.4	58.5	12.5
	29	30.7	5.88	38.3	7.88	48.5	11.1	53.1	12.6	54.0	12.7	55.9	12.9	57.7	13.0
	31	30.7	6.26	38.3	8.39	48.5	11.8	52.3	13.1	53.2	13.2	55.1	13.4	56.9	13.5
	33	30.7	6.65	38.3	8.94	48.5	12.6	51.5	13.6	52.4	13.7	54.3	13.9	56.1	14.1
	35	30.7	7.06	38.3	9.51	48.5	13.4	50.7	14.1	51.6	14.2	53.5	14.4	55.3	14.6
	37	30.7	7.49	38.3	10.1	48.5	14.3	49.8	14.6	50.8	14.7	52.7	14.9	54.5	15.1
	39	30.7	7.95	38.3	10.8	48.1	15.0	49.0	15.1	50.0	15.2	51.8	15.4	53.6	15.6
110% (495)	10	28.1	4.01	35.1	5.05	44.5	6.57	49.1	7.35	53.7	8.16	62.6	9.71	64.2	9.30
	12	28.1	4.08	35.1	5.14	44.5	6.69	49.1	7.49	53.7	8.31	61.8	9.67	63.4	9.25
	14	28.1	4.14	35.1	5.23	44.5	6.82	49.1	7.63	53.7	8.47	60.9	9.62	62.6	9.19
	16	28.1	4.21	35.1	5.33	44.5	6.95	49.1	7.78	53.7	8.64	60.1	9.57	61.8	9.67
	18	28.1	4.29	35.1	5.43	44.5	7.09	49.1	7.94	53.7	8.81	59.3	10.1	61.0	10.2
	20	28.1	4.37	35.1	5.53	44.5	7.23	49.1	8.29	53.7	9.46	58.5	10.6	60.2	10.7
	21	28.1	4.41	35.1	5.58	44.5	7.46	49.1	8.59	53.7	9.80	58.1	10.8	59.7	10.9
	23	28.1	4.49	35.1	5.78	44.5	7.98	49.1	9.20	53.7	10.5	57.3	11.3	58.9	11.4
	25	28.1	4.67	35.1	6.17	44.5	8.54	49.1	9.85	53.7	11.3	56.5	11.8	58.1	11.9
	27	28.1	4.96	35.1	6.57	44.5	9.12	49.1	10.5	53.7	12.0	55.7	12.3	57.3	12.4
	29	28.1	5.28	35.1	7.00	44.5	9.74	49.1	11.2	53.1	12.6	54.8	12.8	56.5	12.9
	31	28.1	5.61	35.1	7.45	44.5	10.4	49.1	12.0	52.3	13.1	54.0	13.3	55.7	13.4
	33	28.1	5.95	35.1	7.93	44.5	11.1	49.1	12.8	51.5	13.6	53.2	13.8	54.9	13.9
	35	28.1	6.31	35.1	8.43	44.5	11.8	49.1	13.7	50.7	14.1	52.4	14.3	54.1	14.5
	37	28.1	6.70	35.1	8.96	44.5	12.6	49.0	14.5	49.9	14.6	51.6	14.8	53.2	15.0
	39	28.1	7.10	35.1	9.52	44.5	13.4	48.2	15.0	49.1	15.1	50.8	15.3	52.4	15.5
100% (450)	10	25.6	3.65	31.9	4.56	40.4	5.90	44.6	6.59	48.8	7.31	57.1	8.77	63.0	9.61
	12	25.6	3.71	31.9	4.64	40.4	6.01	44.6	6.72	48.8	7.45	57.1	8.93	62.2	9.56
	14	25.6	3.77	31.9	4.72	40.4	6.12	44.6	6.84	48.8	7.59	57.1	9.10	61.4	9.51
	16	25.6	3.83	31.9	4.80	40.4	6.23	44.6	6.97	48.8	7.74	57.1	9.28	60.6	9.60
	18	25.6	3.89	31.9	4.89	40.4	6.36	44.6	7.11	48.8	7.89	57.1	9.66	59.7	10.1
	20	25.6	3.96	31.9	4.98	40.4	6.48	44.6	7.25	48.8	8.23	57.1	10.4	58.9	10.6
	21	25.6	4.00	31.9	5.03	40.4	6.55	44.6	7.49	48.8	8.52	57.0	10.7	58.5	10.8
	23	25.6	4.07	31.9	5.13	40.4	6.99	44.6	8.02	48.8	9.13	56.2	11.2	57.7	11.3
	25	25.6	4.17	31.9	5.45	40.4	7.47	44.6	8.58	48.8	9.77	55.4	11.7	56.9	11.8
	27	25.6	4.43	31.9	5.81	40.4	7.97	44.6	9.16	48.8	10.4	54.6	12.2	56.1	12.3
	29	25.6	4.71	31.9	6.18	40.4	8.50	44.6	9.78	48.8	11.2	53.8	12.7	55.3	12.8
	31	25.6	4.99	31.9	6.57	40.4	9.06	44.6	10.4	48.8	11.9	53.0	13.2	54.5	13.3
	33	25.6	5.30	31.9	6.98	40.4	9.65	44.6	11.1	48.8	12.7	52.1	13.7	53.6	13.8
	35	25.6	5.61	31.9	7.42	40.4	10.3	44.6	11.9	48.8	13.5	51.3	14.2	52.8	14.3
	37	25.6	5.95	31.9	7.88	40.4	10.9	44.6	12.6	48.8	14.4	50.5	14.7	52.0	14.8
	39	25.6	6.30	31.9	8.36	40.4	11.6	44.6	13.4	48.2	15.0	49.7	15.2	51.2	15.4
90% (405)	10	23.0	3.30	28.7	4.09	36.4	5.25	40.2	5.85	43.9	6.48	51.4	7.76	58.6	9.03
	12	23.0	3.35	28.7	4.16	36.4	5.34	40.2	5.96	43.9	6.60	51.4	7.91	58.6	9.21
	14	23.0	3.40	28.7	4.23	36.4	5.44	40.2	6.07	43.9	6.72	51.4	8.06	58.6	9.38
	16	23.0	3.46	28.7	4.30	36.4	5.54	40.2	6.19	43.9	6.85	51.4	8.21	58.6	9.56
	18	23.0	3.51	28.7	4.38	36.4	5.65	40.2	6.31	43.9	6.99	51.4	8.38	58.5	10.0
	20	23.0	3.57	28.7	4.46	36.4	5.76	40.2	6.43	43.9	7.13	51.4	8.87	57.7	10.5
	21	23.0	3.60	28.7	4.50	36.4	5.81	40.2	6.50	43.9	7.33	51.4	9.19	57.3	10.7
	23	23.0	3.67	28.7	4.58	36.4	6.06	40.2	6.92	43.9	7.85	51.4	9.85	56.5	11.2
	25	23.0	3.73	28.7	4.78	36.4	6.47	40.2	7.40	43.9	8.39	51.4	10.5	55.7	11.7
	27	23.0	3.93	28.7	5.09	36.4	6.90	40.2	7.90	43.9	8.96	51.4	11.3	54.9	12.2
	29	23.0	4.17	28.7	5.41	36.4	7.35	40.2	8.42	43.9	9.57	51.4	12.1	54.1	12.7
	31	23.0	4.42	28.7	5.75	36.4	7.83	40.2	8.97	43.9	10.2	51.4	12.9	53.2	13.2
	33	23.0	4.68	28.7	6.10	36.4	8.33	40.2	9.56	43.9	10.9	51.1	13.6	52.4	13.7
	35	23.0	4.96	28.7	6.47	36.4	8.86	40.2	10.2	43.9	11.6	50.3	14.1	51.6	14.2
	37	23.0	5.25	28.7	6.87	36.4	9.42	40.2	10.8	43.9	12.3	49.5	14.6	50.8	14.7
	39	23.0	5.55	28.7	7.28	36.4	10.0	40.2	11.5	43.9	13.1	48.6	15.1	50.0	15.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	20.5	2.97	25.5	3.64	32.3	4.63	35.7	5.14	39.1	5.68	45.7	6.78	52.1	7.88
	12	20.5	3.01	25.5	3.70	32.3	4.71	35.7	5.23	39.1	5.78	45.7	6.90	52.1	8.03
	14	20.5	3.06	25.5	3.76	32.3	4.79	35.7	5.33	39.1	5.89	45.7	7.03	52.1	8.18
	16	20.5	3.10	25.5	3.82	32.3	4.88	35.7	5.43	39.1	6.00	45.7	7.17	52.1	8.34
	18	20.5	3.15	25.5	3.88	32.3	4.97	35.7	5.53	39.1	6.11	45.7	7.31	52.1	8.51
	20	20.5	3.20	25.5	3.95	32.3	5.06	35.7	5.64	39.1	6.23	45.7	7.48	52.1	9.05
	21	20.5	3.23	25.5	3.99	32.3	5.11	35.7	5.69	39.1	6.29	45.7	7.75	52.1	9.38
	23	20.5	3.28	25.5	4.06	32.3	5.21	35.7	5.91	39.1	6.66	45.7	8.30	52.1	10.1
	25	20.5	3.33	25.5	4.16	32.3	5.55	35.7	6.31	39.1	7.12	45.7	8.88	52.1	10.8
	27	20.5	3.46	25.5	4.42	32.3	5.91	35.7	6.72	39.1	7.60	45.7	9.49	52.1	11.5
	29	20.5	3.67	25.5	4.69	32.3	6.29	35.7	7.16	39.1	8.10	45.7	10.1	52.1	12.3
	31	20.5	3.88	25.5	4.98	32.3	6.69	35.7	7.63	39.1	8.63	45.7	10.8	52.0	13.1
	33	20.5	4.11	25.5	5.28	32.3	7.11	35.7	8.12	39.1	9.19	45.7	11.5	51.2	13.6
	35	20.5	4.34	25.5	5.60	32.3	7.56	35.7	8.63	39.1	9.78	45.7	12.3	50.4	14.1
	37	20.5	4.59	25.5	5.93	32.3	8.02	35.7	9.17	39.1	10.4	45.7	13.1	49.6	14.6
	39	20.5	4.85	25.5	6.28	32.3	8.52	35.7	9.75	39.1	11.1	45.7	13.9	48.8	15.1
70% (315)	10	17.9	2.65	22.3	3.21	28.3	4.03	31.2	4.46	34.2	4.91	40.0	5.83	45.6	6.76
	12	17.9	2.69	22.3	3.26	28.3	4.10	31.2	4.54	34.2	4.99	40.0	5.93	45.6	6.89
	14	17.9	2.72	22.3	3.31	28.3	4.17	31.2	4.62	34.2	5.08	40.0	6.04	45.6	7.02
	16	17.9	2.76	22.3	3.36	28.3	4.24	31.2	4.70	34.2	5.17	40.0	6.16	45.6	7.15
	18	17.9	2.80	22.3	3.41	28.3	4.31	31.2	4.78	34.2	5.27	40.0	6.28	45.6	7.29
	20	17.9	2.84	22.3	3.47	28.3	4.39	31.2	4.87	34.2	5.37	40.0	6.40	45.6	7.46
	21	17.9	2.87	22.3	3.50	28.3	4.43	31.2	4.92	34.2	5.42	40.0	6.46	45.6	7.73
	23	17.9	2.91	22.3	3.56	28.3	4.51	31.2	5.01	34.2	5.58	40.0	6.88	45.6	8.27
	25	17.9	2.96	22.3	3.62	28.3	4.70	31.2	5.31	34.2	5.95	40.0	7.35	45.6	8.85
	27	17.9	3.02	22.3	3.80	28.3	5.00	31.2	5.65	34.2	6.35	40.0	7.85	45.6	9.46
	29	17.9	3.20	22.3	4.03	28.3	5.31	31.2	6.01	34.2	6.76	40.0	8.37	45.6	10.1
	31	17.9	3.38	22.3	4.27	28.3	5.64	31.2	6.39	34.2	7.19	40.0	8.92	45.6	10.8
	33	17.9	3.57	22.3	4.52	28.3	5.99	31.2	6.79	34.2	7.65	40.0	9.50	45.6	11.5
	35	17.9	3.77	22.3	4.79	28.3	6.36	31.2	7.22	34.2	8.13	40.0	10.1	45.6	12.2
	37	17.9	3.98	22.3	5.06	28.3	6.74	31.2	7.66	34.2	8.64	40.0	10.8	45.6	13.0
	39	17.9	4.20	22.3	5.35	28.3	7.15	31.2	8.13	34.2	9.18	40.0	11.4	45.6	13.9
60% (270)	10	15.4	2.35	19.1	2.80	24.3	3.47	26.8	3.81	29.3	4.17	34.3	4.92	39.1	5.68
	12	15.4	2.38	19.1	2.84	24.3	3.52	26.8	3.88	29.3	4.24	34.3	5.01	39.1	5.78
	14	15.4	2.41	19.1	2.88	24.3	3.58	26.8	3.94	29.3	4.32	34.3	5.10	39.1	5.89
	16	15.4	2.44	19.1	2.92	24.3	3.63	26.8	4.01	29.3	4.39	34.3	5.19	39.1	6.00
	18	15.4	2.47	19.1	2.97	24.3	3.70	26.8	4.07	29.3	4.47	34.3	5.29	39.1	6.12
	20	15.4	2.51	19.1	3.01	24.3	3.76	26.8	4.15	29.3	4.55	34.3	5.39	39.1	6.24
	21	15.4	2.52	19.1	3.04	24.3	3.79	26.8	4.18	29.3	4.59	34.3	5.44	39.1	6.30
	23	15.4	2.56	19.1	3.08	24.3	3.86	26.8	4.26	29.3	4.68	34.3	5.60	39.1	6.67
	25	15.4	2.60	19.1	3.13	24.3	3.93	26.8	4.39	29.3	4.90	34.3	5.98	39.1	7.13
	27	15.4	2.64	19.1	3.23	24.3	4.17	26.8	4.67	29.3	5.21	34.3	6.37	39.1	7.61
	29	15.4	2.76	19.1	3.42	24.3	4.42	26.8	4.97	29.3	5.54	34.3	6.79	39.1	8.11
	31	15.4	2.92	19.1	3.62	24.3	4.69	26.8	5.27	29.3	5.89	34.3	7.22	39.1	8.64
	33	15.4	3.08	19.1	3.82	24.3	4.97	26.8	5.59	29.3	6.26	34.3	7.68	39.1	9.20
	35	15.4	3.24	19.1	4.04	24.3	5.27	26.8	5.93	29.3	6.64	34.3	8.17	39.1	9.79
	37	15.4	3.42	19.1	4.27	24.3	5.58	26.8	6.29	29.3	7.05	34.3	8.68	39.1	10.4
	39	15.4	3.60	19.1	4.51	24.3	5.90	26.8	6.66	29.3	7.47	34.3	9.22	39.1	11.1
50% (225)	10	12.8	2.07	16.0	2.42	20.2	2.94	22.3	3.21	24.4	3.49	28.6	4.07	32.6	4.66
	12	12.8	2.09	16.0	2.45	20.2	2.98	22.3	3.26	24.4	3.54	28.6	4.14	32.6	4.74
	14	12.8	2.11	16.0	2.48	20.2	3.02	22.3	3.30	24.4	3.60	28.6	4.21	32.6	4.83
	16	12.8	2.14	16.0	2.51	20.2	3.07	22.3	3.36	24.4	3.66	28.6	4.28	32.6	4.91
	18	12.8	2.16	16.0	2.55	20.2	3.11	22.3	3.41	24.4	3.72	28.6	4.35	32.6	5.00
	20	12.8	2.19	16.0	2.58	20.2	3.16	22.3	3.47	24.4	3.78	28.6	4.43	32.6	5.10
	21	12.8	2.20	16.0	2.60	20.2	3.19	22.3	3.50	24.4	3.81	28.6	4.47	32.6	5.15
	23	12.8	2.23	16.0	2.64	20.2	3.24	22.3	3.55	24.4	3.88	28.6	4.56	32.6	5.25
	25	12.8	2.26	16.0	2.68	20.2	3.30	22.3	3.62	24.4	3.95	28.6	4.75	32.6	5.60
	27	12.8	2.29	16.0	2.72	20.2	3.41	22.3	3.79	24.4	4.20	28.6	5.05	32.6	5.96
	29	12.8	2.36	16.0	2.86	20.2	3.62	22.3	4.02	24.4	4.45	28.6	5.37	32.6	6.35
	31	12.8	2.49	16.0	3.02	20.2	3.83	22.3	4.26	24.4	4.72	28.6	5.71	32.6	6.75
	33	12.8	2.62	16.0	3.19	20.2	4.05	22.3	4.52	24.4	5.01	28.6	6.06	32.6	7.18
	35	12.8	2.76	16.0	3.36	20.2	4.28	22.3	4.78	24.4	5.31	28.6	6.43	32.6	7.63
	37	12.8	2.90	16.0	3.55	20.2	4.53	22.3	5.06	24.4	5.62	28.6	6.82	32.6	8.10
	39	12.8	3.05	16.0	3.74	20.2	4.78	22.3	5.35	24.4	5.95	28.6	7.23	32.6	8.60

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ☐ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ18TY1 Cooling capacity (Capacity correction factor: 0.95) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	31.6	4.52	39.4	5.73	49.9	7.50	55.1	8.41	60.3	9.33	64.0	9.36	65.9	8.89
	12	31.6	4.59	39.4	5.84	49.9	7.64	55.1	8.57	60.3	9.51	63.2	9.30	65.1	8.83
	14	31.6	4.67	39.4	5.94	49.9	7.79	55.1	8.73	60.3	9.69	62.4	9.25	64.2	9.27
	16	31.6	4.76	39.4	6.06	49.9	7.94	55.1	8.90	59.7	9.69	61.6	9.66	63.4	9.77
	18	31.6	4.84	39.4	6.17	49.9	8.10	55.1	9.15	58.8	10.0	60.8	10.2	62.6	10.3
	20	31.6	4.93	39.4	6.29	49.9	8.50	55.1	9.83	58.0	10.5	59.9	10.6	61.8	10.8
	21	31.6	4.98	39.4	6.36	49.9	8.81	55.1	10.2	57.6	10.8	59.5	10.9	61.4	11.0
	23	31.6	5.08	39.4	6.74	49.9	9.44	55.1	10.9	56.8	11.3	58.7	11.4	60.6	11.5
	25	31.6	5.38	39.4	7.21	49.9	10.1	55.0	11.7	56.0	11.7	57.9	11.9	59.8	12.0
	27	31.6	5.74	39.4	7.69	49.9	10.8	54.2	12.2	55.2	12.2	57.1	12.4	59.0	12.6
	29	31.6	6.10	39.4	8.20	49.9	11.5	53.4	12.7	54.4	12.7	56.3	12.9	58.1	13.1
	31	31.6	6.49	39.4	8.74	49.9	12.3	52.6	13.1	53.6	13.2	55.5	13.4	57.3	13.6
	33	31.6	6.90	39.4	9.30	49.9	13.1	51.8	13.6	52.7	13.7	54.7	13.9	56.5	14.1
	35	31.6	7.33	39.4	9.90	49.9	14.0	51.0	14.1	51.9	14.2	53.8	14.4	55.7	14.6
	37	31.6	7.78	39.4	10.5	49.2	14.5	50.1	14.6	51.1	14.7	53.0	15.0	54.9	15.2
	39	31.6	8.26	39.4	11.2	48.4	15.0	49.3	15.1	50.3	15.3	52.2	15.5	54.1	15.7
120% (540)	10	29.2	4.16	36.4	5.25	46.1	6.84	50.9	7.66	55.7	8.50	63.0	9.61	64.7	9.18
	12	29.2	4.23	36.4	5.34	46.1	6.97	50.9	7.81	55.7	8.66	62.2	9.56	63.9	9.13
	14	29.2	4.30	36.4	5.44	46.1	7.10	50.9	7.96	55.7	8.83	61.4	9.51	63.1	9.20
	16	29.2	4.37	36.4	5.54	46.1	7.24	50.9	8.11	55.7	9.00	60.6	9.60	62.3	9.70
	18	29.2	4.45	36.4	5.64	46.1	7.38	50.9	8.27	55.7	9.29	59.7	10.1	61.5	10.2
	20	29.2	4.53	36.4	5.75	46.1	7.58	50.9	8.73	55.7	9.98	58.9	10.6	60.6	10.7
	21	29.2	4.57	36.4	5.81	46.1	7.84	50.9	9.05	55.7	10.3	58.5	10.8	60.2	10.9
	23	29.2	4.66	36.4	6.06	46.1	8.40	50.9	9.70	55.7	11.1	57.7	11.3	59.4	11.4
	25	29.2	4.87	36.4	6.46	46.1	8.99	50.9	10.4	55.1	11.7	56.9	11.8	58.6	12.0
	27	29.2	5.19	36.4	6.90	46.1	9.60	50.9	11.1	54.3	12.2	56.1	12.3	57.8	12.5
	29	29.2	5.52	36.4	7.35	46.1	10.3	50.9	11.9	53.5	12.7	55.3	12.8	57.0	13.0
	31	29.2	5.86	36.4	7.82	46.1	10.9	50.9	12.7	52.7	13.2	54.5	13.3	56.2	13.5
	33	29.2	6.22	36.4	8.33	46.1	11.7	50.9	13.5	51.9	13.7	53.6	13.8	55.4	14.0
	35	29.2	6.61	36.4	8.85	46.1	12.4	50.2	14.1	51.1	14.2	52.8	14.3	54.5	14.5
	37	29.2	7.01	36.4	9.41	46.1	13.2	49.3	14.6	50.2	14.7	52.0	14.8	53.7	15.0
	39	29.2	7.43	36.4	10.0	46.1	14.1	48.5	15.1	49.4	15.2	51.2	15.4	52.9	15.6
110% (495)	10	26.7	3.81	33.3	4.78	42.3	6.20	46.6	6.93	51.0	7.69	59.7	9.22	63.6	9.47
	12	26.7	3.87	33.3	4.86	42.3	6.31	46.6	7.06	51.0	7.83	59.7	9.40	62.7	9.42
	14	26.7	3.93	33.3	4.95	42.3	6.43	46.6	7.20	51.0	7.98	59.7	9.58	61.9	9.37
	16	26.7	4.00	33.3	5.04	42.3	6.55	46.6	7.34	51.0	8.14	59.5	9.72	61.1	9.63
	18	26.7	4.07	33.3	5.13	42.3	6.68	46.6	7.48	51.0	8.30	58.7	10.0	60.3	10.1
	20	26.7	4.14	33.3	5.23	42.3	6.81	46.6	7.70	51.0	8.77	57.9	10.5	59.5	10.6
	21	26.7	4.18	33.3	5.28	42.3	6.94	46.6	7.97	51.0	9.09	57.5	10.8	59.1	10.9
	23	26.7	4.26	33.3	5.40	42.3	7.43	46.6	8.54	51.0	9.74	56.7	11.2	58.3	11.4
	25	26.7	4.39	33.3	5.77	42.3	7.94	46.6	9.14	51.0	10.4	55.9	11.7	57.5	11.9
	27	26.7	4.67	33.3	6.15	42.3	8.48	46.6	9.77	51.0	11.2	55.1	12.2	56.6	12.4
	29	26.7	4.96	33.3	6.54	42.3	9.05	46.6	10.4	51.0	11.9	54.3	12.7	55.8	12.9
	31	26.7	5.26	33.3	6.96	42.3	9.65	46.6	11.1	51.0	12.7	53.4	13.2	55.0	13.4
	33	26.7	5.59	33.3	7.40	42.3	10.3	46.6	11.9	51.0	13.6	52.6	13.7	54.2	13.9
	35	26.7	5.92	33.3	7.87	42.3	10.9	46.6	12.6	50.2	14.1	51.8	14.2	53.4	14.4
	37	26.7	6.28	33.3	8.36	42.3	11.7	46.6	13.5	49.4	14.6	51.0	14.7	52.6	14.9
	39	26.7	6.65	33.3	8.87	42.3	12.4	46.6	14.4	48.6	15.1	50.2	15.2	51.8	15.4
100% (450)	10	24.3	3.47	30.3	4.32	38.4	5.57	42.4	6.22	46.4	6.89	54.3	8.26	61.9	9.62
	12	24.3	3.53	30.3	4.40	38.4	5.67	42.4	6.34	46.4	7.02	54.3	8.42	61.6	9.71
	14	24.3	3.58	30.3	4.47	38.4	5.78	42.4	6.45	46.4	7.15	54.3	8.58	60.8	9.66
	16	24.3	3.64	30.3	4.55	38.4	5.89	42.4	6.58	46.4	7.29	54.3	8.75	60.0	9.61
	18	24.3	3.70	30.3	4.63	38.4	6.00	42.4	6.71	46.4	7.43	54.3	8.95	59.1	10.1
	20	24.3	3.77	30.3	4.72	38.4	6.12	42.4	6.84	46.4	7.64	54.3	9.61	58.3	10.5
	21	24.3	3.80	30.3	4.76	38.4	6.18	42.4	6.97	46.4	7.91	54.3	9.96	57.9	10.8
	23	24.3	3.86	30.3	4.85	38.4	6.51	42.4	7.46	46.4	8.48	54.3	10.7	57.1	11.3
	25	24.3	3.93	30.3	5.11	38.4	6.96	42.4	7.98	46.4	9.07	54.3	11.4	56.3	11.8
	27	24.3	4.18	30.3	5.44	38.4	7.43	42.4	8.52	46.4	9.69	54.1	12.2	55.5	12.3
	29	24.3	4.43	30.3	5.79	38.4	7.92	42.4	9.09	46.4	10.3	53.2	12.6	54.7	12.8
	31	24.3	4.70	30.3	6.15	38.4	8.43	42.4	9.69	46.4	11.0	52.4	13.1	53.9	13.3
	33	24.3	4.98	30.3	6.53	38.4	8.98	42.4	10.3	46.4	11.8	51.6	13.6	53.0	13.8
	35	24.3	5.28	30.3	6.94	38.4	9.55	42.4	11.0	46.4	12.5	50.8	14.1	52.2	14.3
	37	24.3	5.59	30.3	7.36	38.4	10.2	42.4	11.7	46.4	13.4	50.0	14.6	51.4	14.8
	39	24.3	5.92	30.3	7.81	38.4	10.8	42.4	12.5	46.4	14.2	49.2	15.1	50.6	15.3
90% (405)	10	21.9	3.15	27.3	3.89	34.6	4.97	38.1	5.53	41.7	6.11	48.8	7.31	55.7	8.51
	12	21.9	3.20	27.3	3.95	34.6	5.05	38.1	5.63	41.7	6.23	48.8	7.45	55.7	8.67
	14	21.9	3.25	27.3	4.01	34.6	5.14	38.1	5.73	41.7	6.34	48.8	7.59	55.7	8.84
	16	21.9	3.30	27.3	4.08	34.6	5.24	38.1	5.84	41.7	6.46	48.8	7.74	55.7	9.01
	18	21.9	3.35	27.3	4.15	34.6	5.34	38.1	5.95	41.7	6.59	48.8	7.89	55.7	9.30
	20	21.9	3.40	27.3	4.23	34.6	5.44	38.1	6.07	41.7	6.72	48.8	8.23	55.7	10.0
	21	21.9	3.43	27.3	4.26	34.6	5.49	38.1	6.13	41.7	6.82	48.8	8.53	55.7	10.4
	23	21.9	3.49	27.3	4.34	34.6	5.66	38.1	6.46	41.7	7.30	48.8	9.14	55.7	11.1
	25	21.9	3.55	27.3	4.49	34.6	6.04	38.1	6.89	41.7	7.81	48.8	9.78	55.1	11.7
	27	21.9	3.71	27.3	4.78	34.6	6.44	38.1	7.36	41.7	8.33	48.8	10.5	54.3	12.2
	29	21.9	3.94	27.3	5.08	34.6	6.86	38.1	7.84	41.7	8.89	48.8	11.2	53.5	12.7
	31	21.9	4.17	27.3	5.39	34.6	7.31	38.1	8.35	41.7	9.48	48.8	11.9	52.7	13.2
	33	21.9	4.42	27.3	5.72	34.6	7.77	38.1	8.89	41.7	10.1	48.8	12.7	51.9	13.7
	35	21.9	4.68	27.3	6.07	34.6	8.26	38.1	9.46	41.7	10.8	48.8	13.6	51.1	14.2
	37	21.9	4.95	27.3	6.44	34.6	8.78	38.1	10.1	41.7	11.4	48.8	14.5	50.3	14.7
	39	21.9	5.23	27.3	6.82	34.6	9.32	38.1	10.7	41.7	12.2	48.2	15.0	49.4	15.2

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	19.4	2.84	24.2	3.47	30.7	4.39	33.9	4.87	37.1	5.36	43.4	6.39	49.5	7.43
	12	19.4	2.88	24.2	3.52	30.7	4.46	33.9	4.95	37.1	5.46	43.4	6.51	49.5	7.57
	14	19.4	2.92	24.2	3.57	30.7	4.54	33.9	5.04	37.1	5.56	43.4	6.63	49.5	7.71
	16	19.4	2.96	24.2	3.63	30.7	4.62	33.9	5.13	37.1	5.66	43.4	6.76	49.5	7.86
	18	19.4	3.01	24.2	3.69	30.7	4.70	33.9	5.23	37.1	5.77	43.4	6.89	49.5	8.02
	20	19.4	3.06	24.2	3.76	30.7	4.79	33.9	5.33	37.1	5.88	43.4	7.03	49.5	8.40
	21	19.4	3.08	24.2	3.79	30.7	4.83	33.9	5.38	37.1	5.94	43.4	7.21	49.5	8.70
	23	19.4	3.13	24.2	3.86	30.7	4.93	33.9	5.52	37.1	6.22	43.4	7.72	49.5	9.32
	25	19.4	3.18	24.2	3.92	30.7	5.20	33.9	5.89	37.1	6.64	43.4	8.25	49.5	9.98
	27	19.4	3.28	24.2	4.16	30.7	5.54	33.9	6.28	37.1	7.08	43.4	8.81	49.5	10.7
	29	19.4	3.47	24.2	4.42	30.7	5.89	33.9	6.69	37.1	7.55	43.4	9.41	49.5	11.4
	31	19.4	3.68	24.2	4.69	30.7	6.26	33.9	7.12	37.1	8.04	43.4	10.0	49.5	12.2
	33	19.4	3.89	24.2	4.97	30.7	6.65	33.9	7.57	37.1	8.56	43.4	10.7	49.5	13.0
	35	19.4	4.11	24.2	5.26	30.7	7.06	33.9	8.05	37.1	9.10	43.4	11.4	49.5	13.8
	37	19.4	4.34	24.2	5.57	30.7	7.50	33.9	8.55	37.1	9.68	43.4	12.1	49.1	14.5
	39	19.4	4.58	24.2	5.90	30.7	7.96	33.9	9.08	37.1	10.3	43.4	12.9	48.3	15.0
70% (315)	10	17.0	2.55	21.2	3.07	26.9	3.83	29.7	4.23	32.5	4.65	38.0	5.51	43.3	6.38
	12	17.0	2.58	21.2	3.11	26.9	3.89	29.7	4.30	32.5	4.73	38.0	5.60	43.3	6.49
	14	17.0	2.61	21.2	3.16	26.9	3.96	29.7	4.37	32.5	4.81	38.0	5.71	43.3	6.62
	16	17.0	2.65	21.2	3.20	26.9	4.02	29.7	4.45	32.5	4.90	38.0	5.81	43.3	6.74
	18	17.0	2.69	21.2	3.25	26.9	4.09	29.7	4.53	32.5	4.99	38.0	5.93	43.3	6.88
	20	17.0	2.72	21.2	3.31	26.9	4.17	29.7	4.61	32.5	5.08	38.0	6.04	43.3	7.01
	21	17.0	2.74	21.2	3.33	26.9	4.20	29.7	4.66	32.5	5.13	38.0	6.10	43.3	7.19
	23	17.0	2.78	21.2	3.39	26.9	4.28	29.7	4.74	32.5	5.23	38.0	6.42	43.3	7.69
	25	17.0	2.83	21.2	3.45	26.9	4.42	29.7	4.98	32.5	5.57	38.0	6.86	43.3	8.23
	27	17.0	2.88	21.2	3.59	26.9	4.70	29.7	5.30	32.5	5.94	38.0	7.32	43.3	8.79
	29	17.0	3.04	21.2	3.81	26.9	4.99	29.7	5.63	32.5	6.32	38.0	7.80	43.3	9.38
	31	17.0	3.21	21.2	4.03	26.9	5.30	29.7	5.99	32.5	6.72	38.0	8.31	43.3	10.0
	33	17.0	3.39	21.2	4.27	26.9	5.62	29.7	6.36	32.5	7.15	38.0	8.84	43.3	10.7
	35	17.0	3.58	21.2	4.52	26.9	5.96	29.7	6.75	32.5	7.59	38.0	9.41	43.3	11.4
	37	17.0	3.78	21.2	4.78	26.9	6.32	29.7	7.16	32.5	8.06	38.0	10.0	43.3	12.1
	39	17.0	3.98	21.2	5.05	26.9	6.70	29.7	7.60	32.5	8.56	38.0	10.6	43.3	12.9
60% (270)	10	14.6	2.26	18.2	2.69	23.0	3.30	25.4	3.63	27.8	3.96	32.6	4.66	37.1	5.37
	12	14.6	2.29	18.2	2.72	23.0	3.35	25.4	3.69	27.8	4.03	32.6	4.74	37.1	5.47
	14	14.6	2.32	18.2	2.76	23.0	3.41	25.4	3.74	27.8	4.10	32.6	4.82	37.1	5.56
	16	14.6	2.35	18.2	2.80	23.0	3.46	25.4	3.81	27.8	4.17	32.6	4.91	37.1	5.67
	18	14.6	2.38	18.2	2.84	23.0	3.52	25.4	3.87	27.8	4.24	32.6	5.00	37.1	5.78
	20	14.6	2.41	18.2	2.88	23.0	3.58	25.4	3.94	27.8	4.31	32.6	5.10	37.1	5.89
	21	14.6	2.43	18.2	2.90	23.0	3.61	25.4	3.97	27.8	4.35	32.6	5.14	37.1	5.95
	23	14.6	2.46	18.2	2.95	23.0	3.67	25.4	4.04	27.8	4.43	32.6	5.24	37.1	6.23
	25	14.6	2.49	18.2	2.99	23.0	3.73	25.4	4.14	27.8	4.60	32.6	5.59	37.1	6.65
	27	14.6	2.53	18.2	3.07	23.0	3.93	25.4	4.40	27.8	4.90	32.6	5.96	37.1	7.09
	29	14.6	2.64	18.2	3.25	23.0	4.17	25.4	4.67	27.8	5.20	32.6	6.35	37.1	7.56
	31	14.6	2.79	18.2	3.43	23.0	4.42	25.4	4.96	27.8	5.53	32.6	6.75	37.1	8.05
	33	14.6	2.94	18.2	3.63	23.0	4.69	25.4	5.26	27.8	5.87	32.6	7.18	37.1	8.57
	35	14.6	3.10	18.2	3.83	23.0	4.96	25.4	5.57	27.8	6.22	32.6	7.62	37.1	9.11
	37	14.6	3.26	18.2	4.04	23.0	5.25	25.4	5.90	27.8	6.60	32.6	8.10	37.1	9.69
	39	14.6	3.43	18.2	4.27	23.0	5.55	25.4	6.25	27.8	7.00	32.6	8.60	37.1	10.3
50% (225)	10	12.2	2.00	15.2	2.33	19.2	2.81	21.2	3.06	23.2	3.32	27.1	3.87	30.9	4.42
	12	12.2	2.02	15.2	2.36	19.2	2.85	21.2	3.11	23.2	3.37	27.1	3.93	30.9	4.49
	14	12.2	2.04	15.2	2.39	19.2	2.89	21.2	3.15	23.2	3.43	27.1	3.99	30.9	4.57
	16	12.2	2.06	15.2	2.42	19.2	2.93	21.2	3.20	23.2	3.48	27.1	4.06	30.9	4.65
	18	12.2	2.09	15.2	2.45	19.2	2.98	21.2	3.25	23.2	3.54	27.1	4.13	30.9	4.74
	20	12.2	2.11	15.2	2.48	19.2	3.02	21.2	3.30	23.2	3.60	27.1	4.20	30.9	4.82
	21	12.2	2.12	15.2	2.50	19.2	3.05	21.2	3.33	23.2	3.63	27.1	4.24	30.9	4.87
	23	12.2	2.15	15.2	2.53	19.2	3.09	21.2	3.39	23.2	3.69	27.1	4.32	30.9	4.96
	25	12.2	2.18	15.2	2.57	19.2	3.14	21.2	3.44	23.2	3.76	27.1	4.47	30.9	5.24
	27	12.2	2.21	15.2	2.61	19.2	3.24	21.2	3.59	23.2	3.96	27.1	4.75	30.9	5.58
	29	12.2	2.27	15.2	2.73	19.2	3.43	21.2	3.80	23.2	4.20	27.1	5.05	30.9	5.94
	31	12.2	2.39	15.2	2.88	19.2	3.63	21.2	4.03	23.2	4.45	27.1	5.36	30.9	6.32
	33	12.2	2.52	15.2	3.04	19.2	3.84	21.2	4.27	23.2	4.72	27.1	5.69	30.9	6.71
	35	12.2	2.65	15.2	3.21	19.2	4.06	21.2	4.51	23.2	5.00	27.1	6.03	30.9	7.13
	37	12.2	2.78	15.2	3.38	19.2	4.28	21.2	4.77	23.2	5.29	27.1	6.39	30.9	7.57
	39	12.2	2.92	15.2	3.56	19.2	4.52	21.2	5.04	23.2	5.59	27.1	6.78	30.9	8.03

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ18TY1 Cooling capacity (Capacity correction factor: 0.90) (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	29.9	4.27	37.3	5.40	47.3	7.05	52.2	7.90	57.1	8.76	63.3	9.53	65.1	9.09
	12	29.9	4.34	37.3	5.50	47.3	7.18	52.2	8.05	57.1	8.93	62.5	9.48	64.3	9.03
	14	29.9	4.42	37.3	5.60	47.3	7.32	52.2	8.20	57.1	9.10	61.7	9.43	63.4	9.22
	16	29.9	4.49	37.3	5.70	47.3	7.46	52.2	8.36	57.1	9.28	60.9	9.62	62.6	9.72
	18	29.9	4.57	37.3	5.81	47.3	7.61	52.2	8.53	57.1	9.66	60.1	10.1	61.8	10.2
	20	29.9	4.66	37.3	5.92	47.3	7.86	52.2	9.07	57.1	10.4	59.3	10.6	61.0	10.7
	21	29.9	4.70	37.3	5.98	47.3	8.14	52.2	9.40	57.0	10.7	58.8	10.9	60.6	11.0
	23	29.9	4.79	37.3	6.27	47.3	8.72	52.2	10.1	56.2	11.2	58.0	11.3	59.8	11.5
	25	29.9	5.03	37.3	6.69	47.3	9.33	52.2	10.8	55.4	11.7	57.2	11.8	59.0	12.0
	27	29.9	5.36	37.3	7.14	47.3	9.97	52.2	11.5	54.6	12.2	56.4	12.3	58.2	12.5
	29	29.9	5.70	37.3	7.61	47.3	10.7	52.2	12.3	53.8	12.7	55.6	12.8	57.3	13.0
	31	29.9	6.06	37.3	8.11	47.3	11.4	52.0	13.1	53.0	13.2	54.8	13.4	56.5	13.5
	33	29.9	6.43	37.3	8.63	47.3	12.1	51.2	13.6	52.1	13.7	54.0	13.9	55.7	14.0
	35	29.9	6.83	37.3	9.18	47.3	12.9	50.4	14.1	51.3	14.2	53.2	14.4	54.9	14.5
	37	29.9	7.25	37.3	9.76	47.3	13.8	49.6	14.6	50.5	14.7	52.3	14.9	54.1	15.1
	39	29.9	7.69	37.3	10.4	47.3	14.7	48.8	15.1	49.7	15.2	51.5	15.4	53.3	15.6
120% (540)	10	27.6	3.94	34.5	4.95	43.7	6.43	48.2	7.20	52.7	7.99	61.7	9.58	64.0	9.37
	12	27.6	4.00	34.5	5.04	43.7	6.55	48.2	7.34	52.7	8.14	61.5	9.72	63.2	9.31
	14	27.6	4.07	34.5	5.13	43.7	6.68	48.2	7.47	52.7	8.29	60.7	9.67	62.4	9.26
	16	27.6	4.14	34.5	5.22	43.7	6.80	48.2	7.62	52.7	8.46	59.9	9.62	61.5	9.66
	18	27.6	4.21	34.5	5.32	43.7	6.94	48.2	7.77	52.7	8.62	59.1	10.0	60.7	10.2
	20	27.6	4.28	34.5	5.42	43.7	7.08	48.2	8.07	52.7	9.21	58.3	10.5	59.9	10.6
	21	27.6	4.32	34.5	5.47	43.7	7.27	48.2	8.36	52.7	9.54	57.9	10.8	59.5	10.9
	23	27.6	4.40	34.5	5.64	43.7	7.78	48.2	8.96	52.7	10.2	57.1	11.3	58.7	11.4
	25	27.6	4.56	34.5	6.02	43.7	8.32	48.2	9.59	52.7	11.0	56.3	11.8	57.9	11.9
	27	27.6	4.86	34.5	6.42	43.7	8.89	48.2	10.2	52.7	11.7	55.4	12.3	57.1	12.4
	29	27.6	5.16	34.5	6.83	43.7	9.48	48.2	10.9	52.7	12.5	54.6	12.8	56.3	12.9
	31	27.6	5.48	34.5	7.27	43.7	10.1	48.2	11.7	52.1	13.1	53.8	13.3	55.4	13.4
	33	27.6	5.82	34.5	7.74	43.7	10.8	48.2	12.5	51.3	13.6	53.0	13.8	54.6	13.9
	35	27.6	6.17	34.5	8.22	43.7	11.5	48.2	13.3	50.5	14.1	52.2	14.3	53.8	14.4
	37	27.6	6.54	34.5	8.74	43.7	12.2	48.2	14.2	49.7	14.6	51.4	14.8	53.0	15.0
	39	27.6	6.93	34.5	9.28	43.7	13.0	48.0	15.0	48.9	15.1	50.6	15.3	52.2	15.5
110% (495)	10	25.3	3.61	31.6	4.51	40.0	5.83	44.2	6.52	48.3	7.22	56.6	8.66	62.9	9.64
	12	25.3	3.67	31.6	4.59	40.0	5.94	44.2	6.64	48.3	7.36	56.6	8.83	62.1	9.59
	14	25.3	3.73	31.6	4.67	40.0	6.05	44.2	6.76	48.3	7.50	56.6	9.00	61.3	9.54
	16	25.3	3.79	31.6	4.75	40.0	6.16	44.2	6.89	48.3	7.65	56.6	9.17	60.4	9.59
	18	25.3	3.86	31.6	4.84	40.0	6.28	44.2	7.03	48.3	7.80	56.6	9.51	59.6	10.1
	20	25.3	3.92	31.6	4.93	40.0	6.41	44.2	7.17	48.3	8.11	56.6	10.2	58.8	10.6
	21	25.3	3.96	31.6	4.98	40.0	6.47	44.2	7.38	48.3	8.40	56.6	10.6	58.4	10.8
	23	25.3	4.03	31.6	5.07	40.0	6.89	44.2	7.91	48.3	9.00	56.1	11.2	57.6	11.3
	25	25.3	4.12	31.6	5.38	40.0	7.36	44.2	8.46	48.3	9.63	55.3	11.7	56.8	11.8
	27	25.3	4.38	31.6	5.73	40.0	7.86	44.2	9.03	48.3	10.3	54.5	12.2	56.0	12.3
	29	25.3	4.65	31.6	6.10	40.0	8.38	44.2	9.64	48.3	11.0	53.7	12.7	55.2	12.8
	31	25.3	4.94	31.6	6.49	40.0	8.93	44.2	10.3	48.3	11.7	52.9	13.2	54.3	13.3
	33	25.3	5.23	31.6	6.89	40.0	9.51	44.2	11.0	48.3	12.5	52.0	13.7	53.5	13.8
	35	25.3	5.55	31.6	7.32	40.0	10.1	44.2	11.7	48.3	13.3	51.2	14.2	52.7	14.3
	37	25.3	5.88	31.6	7.77	40.0	10.8	44.2	12.4	48.3	14.2	50.4	14.7	51.9	14.8
	39	25.3	6.22	31.6	8.25	40.0	11.5	44.2	13.2	48.1	15.0	49.6	15.2	51.1	15.3
100% (450)	10	23.0	3.30	28.7	4.09	36.4	5.25	40.2	5.85	43.9	6.48	51.4	7.76	58.6	9.03
	12	23.0	3.35	28.7	4.16	36.4	5.34	40.2	5.96	43.9	6.60	51.4	7.91	58.6	9.21
	14	23.0	3.40	28.7	4.23	36.4	5.44	40.2	6.07	43.9	6.72	51.4	8.06	58.6	9.38
	16	23.0	3.46	28.7	4.30	36.4	5.54	40.2	6.19	43.9	6.85	51.4	8.21	58.6	9.56
	18	23.0	3.51	28.7	4.38	36.4	5.65	40.2	6.31	43.9	6.99	51.4	8.38	58.5	10.0
	20	23.0	3.57	28.7	4.46	36.4	5.76	40.2	6.43	43.9	7.13	51.4	8.87	57.7	10.5
	21	23.0	3.60	28.7	4.50	36.4	5.81	40.2	6.50	43.9	7.33	51.4	9.19	57.3	10.7
	23	23.0	3.67	28.7	4.58	36.4	6.06	40.2	6.92	43.9	7.85	51.4	9.85	56.5	11.2
	25	23.0	3.73	28.7	4.78	36.4	6.47	40.2	7.40	43.9	8.39	51.4	10.5	55.7	11.7
	27	23.0	3.93	28.7	5.09	36.4	6.90	40.2	7.90	43.9	8.96	51.4	11.3	54.9	12.2
	29	23.0	4.17	28.7	5.41	36.4	7.35	40.2	8.42	43.9	9.57	51.4	12.1	54.1	12.7
	31	23.0	4.42	28.7	5.75	36.4	7.83	40.2	8.97	43.9	10.2	51.4	12.9	53.2	13.2
	33	23.0	4.68	28.7	6.10	36.4	8.33	40.2	9.56	43.9	10.9	51.1	13.6	52.4	13.7
	35	23.0	4.96	28.7	6.47	36.4	8.86	40.2	10.2	43.9	11.6	50.3	14.1	51.6	14.2
	37	23.0	5.25	28.7	6.87	36.4	9.42	40.2	10.8	43.9	12.3	49.5	14.6	50.8	14.7
	39	23.0	5.55	28.7	7.28	36.4	10.0	40.2	11.5	43.9	13.1	48.6	15.1	50.0	15.2
90% (405)	10	20.7	3.00	25.8	3.68	32.8	4.69	36.1	5.21	39.5	5.75	46.3	6.87	52.8	8.00
	12	20.7	3.05	25.8	3.74	32.8	4.77	36.1	5.30	39.5	5.86	46.3	7.00	52.8	8.15
	14	20.7	3.09	25.8	3.80	32.8	4.85	36.1	5.40	39.5	5.97	46.3	7.13	52.8	8.30
	16	20.7	3.14	25.8	3.87	32.8	4.94	36.1	5.50	39.5	6.08	46.3	7.27	52.8	8.47
	18	20.7	3.19	25.8	3.93	32.8	5.03	36.1	5.61	39.5	6.20	46.3	7.42	52.8	8.63
	20	20.7	3.24	25.8	4.00	32.8	5.13	36.1	5.71	39.5	6.32	46.3	7.62	52.8	9.22
	21	20.7	3.26	25.8	4.04	32.8	5.18	36.1	5.77	39.5	6.38	46.3	7.89	52.8	9.55
	23	20.7	3.32	25.8	4.11	32.8	5.28	36.1	6.00	39.5	6.78	46.3	8.45	52.8	10.2
	25	20.7	3.37	25.8	4.22	32.8	5.64	36.1	6.41	39.5	7.24	46.3	9.04	52.8	11.0
	27	20.7	3.50	25.8	4.48	32.8	6.00	36.1	6.84	39.5	7.73	46.3	9.66	52.8	11.7
	29	20.7	3.71	25.8	4.76	32.8	6.39	36.1	7.29	39.5	8.24	46.3	10.3	52.8	12.5
	31	20.7	3.93	25.8	5.05	32.8	6.80	36.1	7.76	39.5	8.78	46.3	11.0	52.1	13.1
	33	20.7	4.16	25.8	5.36	32.8	7.23	36.1	8.25	39.5	9.35	46.3	11.7	51.3	13.6
	35	20.7	4.40	25.8	5.68	32.8	7.68	36.1	8.78	39.5	9.95	46.3	12.5	50.5	14.1
	37	20.7	4.65	25.8	6.02	32.8	8.16	36.1	9.33	39.5	10.6	46.3	13.3	49.7	14.6
	39	20.7	4.92	25.8	6.38	32.8	8.66	36.1	9.92	39.5	11.3	46.3	14.2	48.9	15.1

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	18.4	2.71	23.0	3.29	29.1	4.15	32.1	4.59	35.1	5.06	41.1	6.01	46.9	6.98
	12	18.4	2.75	23.0	3.34	29.1	4.22	32.1	4.67	35.1	5.15	41.1	6.12	46.9	7.11
	14	18.4	2.79	23.0	3.40	29.1	4.29	32.1	4.76	35.1	5.24	41.1	6.24	46.9	7.25
	16	18.4	2.83	23.0	3.45	29.1	4.36	32.1	4.84	35.1	5.34	41.1	6.36	46.9	7.39
	18	18.4	2.87	23.0	3.51	29.1	4.44	32.1	4.93	35.1	5.44	41.1	6.48	46.9	7.53
	20	18.4	2.91	23.0	3.56	29.1	4.52	32.1	5.02	35.1	5.54	41.1	6.61	46.9	7.77
	21	18.4	2.94	23.0	3.59	29.1	4.56	32.1	5.07	35.1	5.59	41.1	6.69	46.9	8.04
	23	18.4	2.98	23.0	3.66	29.1	4.65	32.1	5.17	35.1	5.79	41.1	7.16	46.9	8.62
	25	18.4	3.03	23.0	3.72	29.1	4.86	32.1	5.50	35.1	6.18	41.1	7.65	46.9	9.22
	27	18.4	3.11	23.0	3.92	29.1	5.17	32.1	5.86	35.1	6.59	41.1	8.17	46.9	9.85
	29	18.4	3.29	23.0	4.16	29.1	5.50	32.1	6.23	35.1	7.02	41.1	8.71	46.9	10.5
	31	18.4	3.48	23.0	4.41	29.1	5.85	32.1	6.63	35.1	7.47	41.1	9.28	46.9	11.2
	33	18.4	3.68	23.0	4.67	29.1	6.21	32.1	7.05	35.1	7.95	41.1	9.89	46.9	12.0
	35	18.4	3.88	23.0	4.94	29.1	6.59	32.1	7.49	35.1	8.45	41.1	10.5	46.9	12.8
	37	18.4	4.10	23.0	5.23	29.1	6.99	32.1	7.95	35.1	8.98	41.1	11.2	46.9	13.6
	39	18.4	4.33	23.0	5.53	29.1	7.41	32.1	8.44	35.1	9.54	41.1	11.9	46.9	14.5
70% (315)	10	16.1	2.44	20.1	2.92	25.5	3.63	28.1	4.00	30.8	4.39	36.0	5.19	41.0	6.00
	12	16.1	2.47	20.1	2.96	25.5	3.69	28.1	4.07	30.8	4.46	36.0	5.28	41.0	6.11
	14	16.1	2.50	20.1	3.01	25.5	3.75	28.1	4.14	30.8	4.54	36.0	5.38	41.0	6.22
	16	16.1	2.54	20.1	3.05	25.5	3.81	28.1	4.21	30.8	4.62	36.0	5.48	41.0	6.34
	18	16.1	2.57	20.1	3.10	25.5	3.88	28.1	4.28	30.8	4.71	36.0	5.58	41.0	6.46
	20	16.1	2.61	20.1	3.15	25.5	3.94	28.1	4.36	30.8	4.79	36.0	5.69	41.0	6.59
	21	16.1	2.62	20.1	3.17	25.5	3.98	28.1	4.40	30.8	4.84	36.0	5.74	41.0	6.67
	23	16.1	2.66	20.1	3.22	25.5	4.05	28.1	4.48	30.8	4.93	36.0	5.97	41.0	7.13
	25	16.1	2.70	20.1	3.28	25.5	4.15	28.1	4.66	30.8	5.20	36.0	6.38	41.0	7.62
	27	16.1	2.74	20.1	3.39	25.5	4.41	28.1	4.96	30.8	5.54	36.0	6.80	41.0	8.14
	29	16.1	2.89	20.1	3.60	25.5	4.68	28.1	5.27	30.8	5.90	36.0	7.24	41.0	8.68
	31	16.1	3.05	20.1	3.81	25.5	4.97	28.1	5.60	30.8	6.27	36.0	7.71	41.0	9.26
	33	16.1	3.22	20.1	4.03	25.5	5.27	28.1	5.94	30.8	6.66	36.0	8.21	41.0	9.86
	35	16.1	3.40	20.1	4.26	25.5	5.58	28.1	6.30	30.8	7.07	36.0	8.73	41.0	10.5
	37	16.1	3.58	20.1	4.50	25.5	5.91	28.1	6.68	30.8	7.51	36.0	9.28	41.0	11.2
	39	16.1	3.78	20.1	4.75	25.5	6.26	28.1	7.09	30.8	7.96	36.0	9.86	41.0	11.9
60% (270)	10	13.8	2.18	17.2	2.57	21.8	3.15	24.1	3.45	26.4	3.76	30.9	4.40	35.2	5.06
	12	13.8	2.20	17.2	2.60	21.8	3.19	24.1	3.50	26.4	3.82	30.9	4.48	35.2	5.15
	14	13.8	2.23	17.2	2.64	21.8	3.24	24.1	3.55	26.4	3.88	30.9	4.56	35.2	5.24
	16	13.8	2.26	17.2	2.68	21.8	3.29	24.1	3.61	26.4	3.94	30.9	4.64	35.2	5.34
	18	13.8	2.28	17.2	2.71	21.8	3.34	24.1	3.67	26.4	4.01	30.9	4.72	35.2	5.44
	20	13.8	2.31	17.2	2.75	21.8	3.40	24.1	3.73	26.4	4.08	30.9	4.81	35.2	5.55
	21	13.8	2.33	17.2	2.77	21.8	3.42	24.1	3.76	26.4	4.12	30.9	4.85	35.2	5.60
	23	13.8	2.36	17.2	2.81	21.8	3.48	24.1	3.83	26.4	4.19	30.9	4.95	35.2	5.80
	25	13.8	2.39	17.2	2.86	21.8	3.54	24.1	3.90	26.4	4.32	30.9	5.22	35.2	6.19
	27	13.8	2.43	17.2	2.91	21.8	3.71	24.1	4.13	26.4	4.59	30.9	5.56	35.2	6.60
	29	13.8	2.52	17.2	3.08	21.8	3.93	24.1	4.39	26.4	4.88	30.9	5.92	35.2	7.03
	31	13.8	2.66	17.2	3.25	21.8	4.16	24.1	4.65	26.4	5.18	30.9	6.29	35.2	7.48
	33	13.8	2.80	17.2	3.44	21.8	4.41	24.1	4.93	26.4	5.49	30.9	6.69	35.2	7.96
	35	13.8	2.95	17.2	3.63	21.8	4.66	24.1	5.23	26.4	5.82	30.9	7.10	35.2	8.46
	37	13.8	3.10	17.2	3.83	21.8	4.93	24.1	5.53	26.4	6.17	30.9	7.54	35.2	8.99
	39	13.8	3.26	17.2	4.04	21.8	5.22	24.1	5.86	26.4	6.54	30.9	8.00	35.2	9.55
50% (225)	10	11.5	1.93	14.4	2.24	18.2	2.69	20.1	2.92	22.0	3.16	25.7	3.67	29.3	4.18
	12	11.5	1.95	14.4	2.26	18.2	2.72	20.1	2.96	22.0	3.21	25.7	3.72	29.3	4.25
	14	11.5	1.97	14.4	2.29	18.2	2.76	20.1	3.00	22.0	3.26	25.7	3.78	29.3	4.32
	16	11.5	1.99	14.4	2.32	18.2	2.80	20.1	3.05	22.0	3.31	25.7	3.85	29.3	4.40
	18	11.5	2.01	14.4	2.35	18.2	2.84	20.1	3.10	22.0	3.36	25.7	3.91	29.3	4.47
	20	11.5	2.04	14.4	2.38	18.2	2.88	20.1	3.14	22.0	3.42	25.7	3.98	29.3	4.56
	21	11.5	2.05	14.4	2.40	18.2	2.90	20.1	3.17	22.0	3.44	25.7	4.02	29.3	4.60
	23	11.5	2.07	14.4	2.43	18.2	2.95	20.1	3.22	22.0	3.50	25.7	4.09	29.3	4.68
	25	11.5	2.10	14.4	2.46	18.2	3.00	20.1	3.27	22.0	3.56	25.7	4.19	29.3	4.90
	27	11.5	2.12	14.4	2.50	18.2	3.07	20.1	3.39	22.0	3.73	25.7	4.46	29.3	5.22
	29	11.5	2.18	14.4	2.60	18.2	3.25	20.1	3.59	22.0	3.96	25.7	4.73	29.3	5.55
	31	11.5	2.29	14.4	2.75	18.2	3.43	20.1	3.80	22.0	4.19	25.7	5.02	29.3	5.90
	33	11.5	2.41	14.4	2.90	18.2	3.63	20.1	4.02	22.0	4.44	25.7	5.33	29.3	6.26
	35	11.5	2.53	14.4	3.05	18.2	3.83	20.1	4.25	22.0	4.70	25.7	5.65	29.3	6.65
	37	11.5	2.66	14.4	3.21	18.2	4.05	20.1	4.49	22.0	4.97	25.7	5.98	29.3	7.05
	39	11.5	2.79	14.4	3.38	18.2	4.27	20.1	4.75	22.0	5.25	25.7	6.34	29.3	7.48

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ18TY1 Cooling capacity (Capacity correction factor: 0.85) (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (585)	10	28.3	4.03	35.3	5.07	44.7	6.60	49.3	7.39	53.9	8.20	62.6	9.70	64.3	9.29
	12	28.3	4.09	35.3	5.16	44.7	6.73	49.3	7.53	53.9	8.36	61.8	9.65	63.5	9.23
	14	28.3	4.16	35.3	5.26	44.7	6.85	49.3	7.67	53.9	8.52	61.0	9.60	62.7	9.18
	16	28.3	4.23	35.3	5.35	44.7	6.98	49.3	7.82	53.9	8.68	60.2	9.58	61.8	9.67
	18	28.3	4.31	35.3	5.45	44.7	7.12	49.3	7.98	53.9	8.87	59.4	10.1	61.0	10.2
	20	28.3	4.39	35.3	5.56	44.7	7.26	49.3	8.35	53.9	9.53	58.6	10.6	60.2	10.7
	21	28.3	4.43	35.3	5.61	44.7	7.50	49.3	8.64	53.9	9.87	58.2	10.8	59.8	10.9
	23	28.3	4.51	35.3	5.81	44.7	8.04	49.3	9.26	53.9	10.6	57.3	11.3	59.0	11.4
	25	28.3	4.69	35.3	6.20	44.7	8.59	49.3	9.91	53.9	11.3	56.5	11.8	58.2	11.9
	27	28.3	4.99	35.3	6.61	44.7	9.18	49.3	10.6	53.9	12.1	55.7	12.3	57.4	12.4
	29	28.3	5.31	35.3	7.05	44.7	9.80	49.3	11.3	53.2	12.6	54.9	12.8	56.6	12.9
	31	28.3	5.64	35.3	7.50	44.7	10.5	49.3	12.1	52.4	13.1	54.1	13.3	55.7	13.4
	33	28.3	5.98	35.3	7.98	44.7	11.1	49.3	12.9	51.6	13.6	53.3	13.8	54.9	14.0
	35	28.3	6.35	35.3	8.48	44.7	11.9	49.3	13.8	50.7	14.1	52.5	14.3	54.1	14.5
	37	28.3	6.73	35.3	9.02	44.7	12.6	49.1	14.5	49.9	14.6	51.6	14.8	53.3	15.0
	39	28.3	7.14	35.3	9.58	44.7	13.5	48.2	15.0	49.1	15.1	50.8	15.3	52.5	15.5
120% (540)	10	26.1	3.72	32.5	4.66	41.2	6.03	45.5	6.74	49.8	7.48	58.3	8.97	63.2	9.55
	12	26.1	3.78	32.5	4.74	41.2	6.14	45.5	6.87	49.8	7.62	58.3	9.14	62.4	9.50
	14	26.1	3.84	32.5	4.82	41.2	6.26	45.5	7.00	49.8	7.76	58.3	9.31	61w.6	9.45
	16	26.1	3.91	32.5	4.91	41.2	6.38	45.5	7.13	49.8	7.91	58.3	9.50	60.8	9.61
	18	26.1	3.97	32.5	5.00	41.2	6.50	45.5	7.28	49.8	8.07	58.3	9.95	60.0	10.1
	20	26.1	4.04	32.5	5.09	41.2	6.63	45.5	7.44	49.8	8.47	57.6	10.5	59.2	10.6
	21	26.1	4.08	32.5	5.14	41.2	6.71	45.5	7.70	49.8	8.77	57.2	10.7	58.8	10.8
	23	26.1	4.15	32.5	5.24	41.2	7.18	45.5	8.25	49.8	9.40	56.4	11.2	58.0	11.3
	25	26.1	4.26	32.5	5.59	41.2	7.68	45.5	8.82	49.8	10.1	55.6	11.7	57.1	11.8
	27	26.1	4.53	32.5	5.96	41.2	8.19	45.5	9.43	49.8	10.8	54.8	12.2	56.3	12.3
	29	26.1	4.82	32.5	6.34	41.2	8.74	45.5	10.1	49.8	11.5	54.0	12.7	55.5	12.8
	31	26.1	5.11	32.5	6.74	41.2	9.32	45.5	10.7	49.8	12.3	53.2	13.2	54.7	13.3
	33	26.1	5.42	32.5	7.17	41.2	9.93	45.5	11.5	49.8	13.1	52.4	13.7	53.9	13.9
	35	26.1	5.75	32.5	7.62	41.2	10.6	45.5	12.2	49.8	14.0	51.5	14.2	53.1	14.4
	37	26.1	6.09	32.5	8.09	41.2	11.2	45.5	13.0	49.1	14.5	50.7	14.7	52.3	14.9
	39	26.1	6.46	32.5	8.59	41.2	12.0	45.5	13.8	48.3	15.0	49.9	15.2	51.5	15.4
110% (495)	10	23.9	3.42	29.8	4.25	37.8	5.48	41.7	6.11	45.6	6.77	53.4	8.11	60.9	9.44
	12	23.9	3.47	29.8	4.32	37.8	5.57	41.7	6.22	45.6	6.89	53.4	8.26	60.9	9.62
	14	23.9	3.53	29.8	4.40	37.8	5.68	41.7	6.34	45.6	7.02	53.4	8.42	60.6	9.71
	16	23.9	3.59	29.8	4.48	37.8	5.78	41.7	6.46	45.6	7.16	53.4	8.59	59.8	9.66
	18	23.9	3.65	29.8	4.56	37.8	5.89	41.7	6.59	45.6	7.30	53.4	8.76	59.0	10.0
	20	23.9	3.71	29.8	4.64	37.8	6.01	41.7	6.72	45.6	7.47	53.4	9.39	58.1	10.5
	21	23.9	3.74	29.8	4.68	37.8	6.07	41.7	6.82	45.6	7.74	53.4	9.73	57.7	10.8
	23	23.9	3.80	29.8	4.77	37.8	6.38	41.7	7.30	45.6	8.28	53.4	10.4	56.9	11.3
	25	23.9	3.87	29.8	5.01	37.8	6.81	41.7	7.80	45.6	8.86	53.4	11.2	56.1	11.8
	27	23.9	4.10	29.8	5.33	37.8	7.27	41.7	8.33	45.6	9.47	53.4	11.9	55.3	12.3
	29	23.9	4.35	29.8	5.67	37.8	7.75	41.7	8.89	45.6	10.1	53.1	12.6	54.5	12.8
	31	23.9	4.62	29.8	6.03	37.8	8.25	41.7	9.47	45.6	10.8	52.3	13.1	53.7	13.2
	33	23.9	4.89	29.8	6.40	37.8	8.78	41.7	10.1	45.6	11.5	51.5	13.6	52.9	13.8
	35	23.9	5.18	29.8	6.80	37.8	9.34	41.7	10.7	45.6	12.3	50.6	14.1	52.0	14.3
	37	23.9	5.49	29.8	7.21	37.8	9.94	41.7	11.4	45.6	13.1	49.8	14.6	51.2	14.8
	39	23.9	5.81	29.8	7.65	37.8	10.6	41.7	12.2	45.6	13.9	49.0	15.1	50.4	15.3
100% (450)	10	21.8	3.13	27.1	3.86	34.4	4.94	37.9	5.49	41.5	6.07	48.6	7.26	55.4	8.46
	12	21.8	3.18	27.1	3.93	34.4	5.02	37.9	5.59	41.5	6.18	48.6	7.40	55.4	8.62
	14	21.8	3.23	27.1	3.99	34.4	5.11	37.9	5.70	41.5	6.30	48.6	7.54	55.4	8.78
	16	21.8	3.28	27.1	4.06	34.4	5.21	37.9	5.80	41.5	6.42	48.6	7.69	55.4	8.95
	18	21.8	3.33	27.1	4.13	34.4	5.30	37.9	5.91	41.5	6.55	48.6	7.84	55.4	9.22
	20	21.8	3.38	27.1	4.20	34.4	5.40	37.9	6.03	41.5	6.68	48.6	8.16	55.4	9.91
	21	21.8	3.41	27.1	4.24	34.4	5.46	37.9	6.09	41.5	6.77	48.6	8.46	55.4	10.3
	23	21.8	3.47	27.1	4.32	34.4	5.62	37.9	6.40	41.5	7.24	48.6	9.06	55.4	11.0
	25	21.8	3.53	27.1	4.46	34.4	6.00	37.9	6.84	41.5	7.74	48.6	9.70	55.1	11.7
	27	21.8	3.69	27.1	4.75	34.4	6.39	37.9	7.30	41.5	8.27	48.6	10.4	54.3	12.2
	29	21.8	3.91	27.1	5.04	34.4	6.81	37.9	7.78	41.5	8.82	48.6	11.1	53.4	12.7
	31	21.8	4.15	27.1	5.36	34.4	7.25	37.9	8.29	41.5	9.40	48.6	11.8	52.6	13.2
	33	21.8	4.39	27.1	5.68	34.4	7.71	37.9	8.82	41.5	10.0	48.6	12.6	51.8	13.7
	35	21.8	4.64	27.1	6.03	34.4	8.19	37.9	9.39	41.5	10.7	48.6	13.4	51.0	14.1
	37	21.8	4.91	27.1	6.39	34.4	8.71	37.9	9.98	41.5	11.4	48.6	14.3	50.2	14.6
	39	21.8	5.19	27.1	6.77	34.4	9.25	37.9	10.6	41.5	12.1	48.1	15.0	49.4	15.2
90% (405)	10	19.6	2.86	24.4	3.49	30.9	4.42	34.1	4.90	37.3	5.40	43.7	6.44	49.8	7.49
	12	19.6	2.90	24.4	3.54	30.9	4.49	34.1	4.99	37.3	5.50	43.7	6.56	49.8	7.63
	14	19.6	2.94	24.4	3.60	30.9	4.57	34.1	5.07	37.3	5.60	43.7	6.68	49.8	7.77
	16	19.6	2.98	24.4	3.66	30.9	4.65	34.1	5.17	37.3	5.70	43.7	6.81	49.8	7.92
	18	19.6	3.03	24.4	3.72	30.9	4.73	34.1	5.26	37.3	5.81	43.7	6.94	49.8	8.08
	20	19.6	3.07	24.4	3.78	30.9	4.82	34.1	5.36	37.3	5.93	43.7	7.08	49.8	8.48
	21	19.6	3.10	24.4	3.81	30.9	4.87	34.1	5.42	37.3	5.98	43.7	7.27	49.8	8.78
	23	19.6	3.15	24.4	3.88	30.9	4.96	34.1	5.57	37.3	6.27	43.7	7.79	49.8	9.41
	25	19.6	3.20	24.4	3.95	30.9	5.24	34.1	5.95	37.3	6.70	43.7	8.33	49.8	10.1
	27	19.6	3.30	24.4	4.19	30.9	5.58	34.1	6.34	37.3	7.15	43.7	8.90	49.8	10.8
	29	19.6	3.50	24.4	4.45	30.9	5.94	34.1	6.75	37.3	7.62	43.7	9.49	49.8	11.5
	31	19.6	3.70	24.4	4.72	30.9	6.31	34.1	7.18	37.3	8.11	43.7	10.1	49.8	12.3
	33	19.6	3.92	24.4	5.01	30.9	6.71	34.1	7.64	37.3	8.63	43.7	10.8	49.8	13.1
	35	19.6	4.14	24.4	5.30	30.9	7.12	34.1	8.12	37.3	9.19	43.7	11.5	49.8	14.0
	37	19.6	4.37	24.4	5.62	30.9	7.56	34.1	8.63	37.3	9.77	43.7	12.2	49.2	14.5
	39	19.6	4.62	24.4	5.95	30.9	8.02	34.1	9.16	37.3	10.4	43.7	13.0	48.3	15.0

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (360)	10	17.4	2.59	21.7	3.13	27.5	3.92	30.3	4.33	33.2	4.76	38.8	5.64	44.3	6.54
	12	17.4	2.63	21.7	3.17	27.5	3.98	30.3	4.40	33.2	4.84	38.8	5.74	44.3	6.66
	14	17.4	2.66	21.7	3.22	27.5	4.05	30.3	4.48	33.2	4.92	38.8	5.85	44.3	6.79
	16	17.4	2.70	21.7	3.27	27.5	4.12	30.3	4.56	33.2	5.01	38.8	5.96	44.3	6.92
	18	17.4	2.74	21.7	3.32	27.5	4.19	30.3	4.64	33.2	5.11	38.8	6.08	44.3	7.05
	20	17.4	2.78	21.7	3.38	27.5	4.26	30.3	4.72	33.2	5.20	38.8	6.19	44.3	7.19
	21	17.4	2.80	21.7	3.40	27.5	4.30	30.3	4.77	33.2	5.25	38.8	6.26	44.3	7.42
	23	17.4	2.84	21.7	3.46	27.5	4.38	30.3	4.86	33.2	5.38	38.8	6.62	44.3	7.94
	25	17.4	2.88	21.7	3.52	27.5	4.54	30.3	5.12	33.2	5.73	38.8	7.07	44.3	8.49
	27	17.4	2.94	21.7	3.68	27.5	4.83	30.3	5.45	33.2	6.11	38.8	7.54	44.3	9.07
	29	17.4	3.11	21.7	3.90	27.5	5.13	30.3	5.80	33.2	6.51	38.8	8.04	44.3	9.68
	31	17.4	3.29	21.7	4.13	27.5	5.45	30.3	6.16	33.2	6.92	38.8	8.57	44.3	10.3
	33	17.4	3.47	21.7	4.38	27.5	5.78	30.3	6.54	33.2	7.36	38.8	9.12	44.3	11.0
	35	17.4	3.66	21.7	4.63	27.5	6.13	30.3	6.95	33.2	7.82	38.8	9.71	44.3	11.7
	37	17.4	3.87	21.7	4.90	27.5	6.50	30.3	7.37	33.2	8.31	38.8	10.3	44.3	12.5
	39	17.4	4.08	21.7	5.18	27.5	6.89	30.3	7.82	33.2	8.82	38.8	11.0	44.3	13.3
70% (315)	10	15.2	2.34	19.0	2.78	24.1	3.44	26.5	3.78	29.0	4.14	34.0	4.88	38.8	5.63
	12	15.2	2.37	19.0	2.82	24.1	3.49	26.5	3.84	29.0	4.21	34.0	4.96	38.8	5.73
	14	15.2	2.39	19.0	2.86	24.1	3.55	26.5	3.91	29.0	4.28	34.0	5.05	38.8	5.84
	16	15.2	2.43	19.0	2.90	24.1	3.61	26.5	3.97	29.0	4.35	34.0	5.14	38.8	5.95
	18	15.2	2.46	19.0	2.95	24.1	3.67	26.5	4.04	29.0	4.43	34.0	5.24	38.8	6.06
	20	15.2	2.49	19.0	2.99	24.1	3.73	26.5	4.11	29.0	4.51	34.0	5.34	38.8	6.18
	21	15.2	2.51	19.0	3.01	24.1	3.76	26.5	4.15	29.0	4.55	34.0	5.39	38.8	6.24
	23	15.2	2.54	19.0	3.06	24.1	3.83	26.5	4.22	29.0	4.64	34.0	5.54	38.8	6.60
	25	15.2	2.58	19.0	3.11	24.1	3.89	26.5	4.35	29.0	4.85	34.0	5.91	38.8	7.05
	27	15.2	2.62	19.0	3.20	24.1	4.13	26.5	4.63	29.0	5.16	34.0	6.30	38.8	7.52
	29	15.2	2.74	19.0	3.39	24.1	4.38	26.5	4.92	29.0	5.49	34.0	6.71	38.8	8.02
	31	15.2	2.90	19.0	3.59	24.1	4.65	26.5	5.22	29.0	5.83	34.0	7.14	38.8	8.54
	33	15.2	3.05	19.0	3.79	24.1	4.92	26.5	5.54	29.0	6.19	34.0	7.60	38.8	9.09
	35	15.2	3.22	19.0	4.01	24.1	5.22	26.5	5.87	29.0	6.57	34.0	8.07	38.8	9.68
	37	15.2	3.39	19.0	4.23	24.1	5.52	26.5	6.22	29.0	6.97	34.0	8.58	38.8	10.3
	39	15.2	3.57	19.0	4.47	24.1	5.84	26.5	6.59	29.0	7.39	34.0	9.11	38.8	10.9
60% (270)	10	13.1	2.09	16.3	2.46	20.6	2.99	22.8	3.27	24.9	3.55	29.1	4.15	33.2	4.76
	12	13.1	2.12	16.3	2.49	20.6	3.03	22.8	3.32	24.9	3.61	29.1	4.22	33.2	4.84
	14	13.1	2.14	16.3	2.52	20.6	3.08	22.8	3.37	24.9	3.67	29.1	4.29	33.2	4.93
	16	13.1	2.17	16.3	2.55	20.6	3.12	22.8	3.42	24.9	3.73	29.1	4.37	33.2	5.02
	18	13.1	2.19	16.3	2.59	20.6	3.17	22.8	3.47	24.9	3.79	29.1	4.45	33.2	5.11
	20	13.1	2.22	16.3	2.63	20.6	3.22	22.8	3.53	24.9	3.86	29.1	4.53	33.2	5.21
	21	13.1	2.23	16.3	2.64	20.6	3.25	22.8	3.56	24.9	3.89	29.1	4.57	33.2	5.26
	23	13.1	2.26	16.3	2.68	20.6	3.30	22.8	3.62	24.9	3.96	29.1	4.65	33.2	5.38
	25	13.1	2.29	16.3	2.72	20.6	3.36	22.8	3.69	24.9	4.04	29.1	4.87	33.2	5.74
	27	13.1	2.32	16.3	2.77	20.6	3.49	22.8	3.88	24.9	4.29	29.1	5.18	33.2	6.12
	29	13.1	2.40	16.3	2.92	20.6	3.69	22.8	4.11	24.9	4.56	29.1	5.51	33.2	6.51
	31	13.1	2.53	16.3	3.08	20.6	3.91	22.8	4.36	24.9	4.84	29.1	5.85	33.2	6.93
	33	13.1	2.67	16.3	3.25	20.6	4.14	22.8	4.62	24.9	5.13	29.1	6.21	33.2	7.37
	35	13.1	2.81	16.3	3.43	20.6	4.38	22.8	4.89	24.9	5.43	29.1	6.60	33.2	7.83
	37	13.1	2.95	16.3	3.62	20.6	4.63	22.8	5.17	24.9	5.75	29.1	7.00	33.2	8.32
	39	13.1	3.10	16.3	3.81	20.6	4.89	22.8	5.47	24.9	6.09	29.1	7.42	33.2	8.83
50% (225)	10	10.9	1.87	13.6	2.15	17.2	2.57	19.0	2.78	20.7	3.01	24.3	3.47	27.7	3.94
	12	10.9	1.88	13.6	2.17	17.2	2.60	19.0	2.82	20.7	3.05	24.3	3.52	27.7	4.01
	14	10.9	1.90	13.6	2.20	17.2	2.63	19.0	2.86	20.7	3.09	24.3	3.58	27.7	4.08
	16	10.9	1.92	13.6	2.23	17.2	2.67	19.0	2.90	20.7	3.14	24.3	3.64	27.7	4.14
	18	10.9	1.94	13.6	2.25	17.2	2.71	19.0	2.94	20.7	3.19	24.3	3.70	27.7	4.22
	20	10.9	1.96	13.6	2.28	17.2	2.75	19.0	2.99	20.7	3.24	24.3	3.76	27.7	4.29
	21	10.9	1.97	13.6	2.30	17.2	2.77	19.0	3.01	20.7	3.27	24.3	3.79	27.7	4.33
	23	10.9	2.00	13.6	2.33	17.2	2.81	19.0	3.06	20.7	3.32	24.3	3.86	27.7	4.41
	25	10.9	2.02	13.6	2.36	17.2	2.85	19.0	3.11	20.7	3.38	24.3	3.93	27.7	4.57
	27	10.9	2.04	13.6	2.39	17.2	2.90	19.0	3.20	20.7	3.51	24.3	4.17	27.7	4.87
	29	10.9	2.09	13.6	2.48	17.2	3.07	19.0	3.39	20.7	3.72	24.3	4.43	27.7	5.17
	31	10.9	2.20	13.6	2.61	17.2	3.25	19.0	3.58	20.7	3.94	24.3	4.70	27.7	5.49
	33	10.9	2.31	13.6	2.76	17.2	3.43	19.0	3.79	20.7	4.17	24.3	4.98	27.7	5.83
	35	10.9	2.43	13.6	2.90	17.2	3.62	19.0	4.00	20.7	4.41	24.3	5.27	27.7	6.19
	37	10.9	2.55	13.6	3.05	17.2	3.82	19.0	4.23	20.7	4.66	24.3	5.58	27.7	6.56
	39	10.9	2.67	13.6	3.21	17.2	4.02	19.0	4.46	20.7	4.92	24.3	5.91	27.7	6.95

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When only Residential indoor units or *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ20TY1 Cooling capacity (Capacity correction factor: 1.0) (Te: 9ºC)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	37.3	5.57	46.5	7.09	58.9	9.30	65.0	10.4	70.2	11.3	72.5	10.7	74.7	10.2
	12	37.3	5.67	46.5	7.22	58.9	9.48	65.0	10.6	69.3	11.3	71.6	10.7	73.7	10.3
	14	37.3	5.77	46.5	7.36	58.9	9.66	65.0	10.8	68.4	11.2	70.7	10.8	72.8	10.9
	16	37.3	5.87	46.5	7.50	58.9	9.85	65.0	11.0	67.5	11.2	69.7	11.3	71.9	11.5
	18	37.3	5.98	46.5	7.65	58.9	10.0	65.0	11.6	66.6	11.8	68.8	11.9	71.0	12.1
	20	37.3	6.10	46.5	7.80	58.9	10.7	64.5	12.3	65.7	12.3	67.9	12.5	70.1	12.7
	21	37.3	6.15	46.5	7.90	58.9	11.1	64.1	12.5	65.2	12.6	67.5	12.8	69.6	12.9
	23	37.3	6.30	46.5	8.46	58.9	11.9	63.1	13.1	64.3	13.2	66.6	13.4	68.7	13.5
	25	37.3	6.72	46.5	9.04	58.9	12.7	62.2	13.7	63.4	13.8	65.6	14.0	67.8	14.1
	27	37.3	7.16	46.5	9.65	58.9	13.6	61.3	14.3	62.5	14.4	64.7	14.6	66.9	14.7
	29	37.3	7.63	46.5	10.3	58.9	14.6	60.4	14.8	61.6	15.0	63.8	15.2	66.0	15.4
	31	37.3	8.11	46.5	11.0	58.4	15.3	59.5	15.4	60.6	15.5	62.9	15.8	65.1	16.0
	33	37.3	8.63	46.5	11.7	57.4	15.9	58.6	16.0	59.7	16.1	62.0	16.4	64.2	16.6
	35	37.3	9.17	46.5	12.5	56.5	16.5	57.7	16.6	58.8	16.7	61.1	17.0	63.3	17.2
	37	37.3	9.74	46.5	13.3	55.6	17.1	56.8	17.2	57.9	17.3	60.2	17.6	62.4	17.8
	39	37.3	10.3	46.5	14.1	54.7	17.6	55.9	17.8	57.0	17.9	59.3	18.2	61.4	18.4
120% (600)	10	34.4	5.12	42.9	6.49	54.3	8.48	60.0	9.50	65.6	10.5	71.3	11.0	73.3	10.5
	12	34.4	5.21	42.9	6.61	54.3	8.64	60.0	9.68	65.6	10.7	70.4	11.0	72.4	10.4
	14	34.4	5.30	42.9	6.73	54.3	8.81	60.0	9.87	65.6	11.0	69.5	10.9	71.5	10.8
	16	34.4	5.39	42.9	6.85	54.3	8.98	60.0	10.1	65.6	11.2	68.5	11.3	70.6	11.4
	18	34.4	5.49	42.9	6.99	54.3	9.15	60.0	10.3	65.5	11.7	67.6	11.8	69.6	12.0
	20	34.4	5.59	42.9	7.12	54.3	9.53	60.0	11.0	64.6	12.3	66.7	12.4	68.7	12.6
	21	34.4	5.64	42.9	7.19	54.3	9.87	60.0	11.4	64.2	12.6	66.3	12.7	68.3	12.9
	23	34.4	5.75	42.9	7.58	54.3	10.6	60.0	12.2	63.3	13.1	65.4	13.3	67.4	13.4
	25	34.4	6.07	42.9	8.10	54.3	11.3	60.0	13.1	62.4	13.7	64.4	13.9	66.5	14.0
	27	34.4	6.46	42.9	8.64	54.3	12.1	60.0	14.0	61.4	14.3	63.5	14.5	65.6	14.6
	29	34.4	6.88	42.9	9.21	54.3	12.9	59.5	14.8	60.5	14.9	62.6	15.0	64.6	15.2
	31	34.4	7.31	42.9	9.81	54.3	13.8	58.6	15.3	59.6	15.4	61.7	15.6	63.7	15.8
	33	34.4	7.77	42.9	10.4	54.3	14.7	57.7	15.9	58.7	16.0	60.8	16.2	62.8	16.4
	35	34.4	8.25	42.9	11.1	54.3	15.7	56.7	16.5	57.8	16.6	59.9	16.8	61.9	17.0
	37	34.4	8.75	42.9	11.8	54.3	16.7	55.8	17.1	56.9	17.2	59.0	17.4	61.0	17.7
	39	34.4	9.29	42.9	12.6	53.9	17.5	54.9	17.7	56.0	17.8	58.1	18.0	60.1	18.3
110% (550)	10	31.5	4.69	39.3	5.90	49.8	7.68	55.0	8.60	60.1	9.54	70.1	11.4	71.9	10.9
	12	31.5	4.76	39.3	6.00	49.8	7.82	55.0	8.76	60.1	9.72	69.2	11.3	71.0	10.8
	14	31.5	4.84	39.3	6.11	49.8	7.97	55.0	8.92	60.1	9.90	68.3	11.2	70.1	10.7
	16	31.5	4.93	39.3	6.23	49.8	8.12	55.0	9.10	60.1	10.1	67.3	11.2	69.2	11.3
	18	31.5	5.01	39.3	6.34	49.8	8.28	55.0	9.28	60.1	10.3	66.4	11.8	68.3	11.9
	20	31.5	5.10	39.3	6.46	49.8	8.45	55.0	9.69	60.1	11.1	65.5	12.3	67.4	12.5
	21	31.5	5.15	39.3	6.53	49.8	8.71	55.0	10.0	60.1	11.5	65.1	12.6	66.9	12.8
	23	31.5	5.25	39.3	6.75	49.8	9.33	55.0	10.8	60.1	12.3	64.2	13.2	66.0	13.3
	25	31.5	5.45	39.3	7.21	49.8	9.98	55.0	11.5	60.1	13.2	63.2	13.8	65.1	13.9
	27	31.5	5.80	39.3	7.68	49.8	10.7	55.0	12.3	60.1	14.1	62.3	14.4	64.2	14.5
	29	31.5	6.17	39.3	8.19	49.8	11.4	55.0	13.1	59.5	14.8	61.4	14.9	63.3	15.1
	31	31.5	6.55	39.3	8.71	49.8	12.1	55.0	14.0	58.6	15.3	60.5	15.5	62.4	15.7
	33	31.5	6.96	39.3	9.27	49.8	12.9	55.0	15.0	57.7	15.9	59.6	16.1	61.5	16.3
	35	31.5	7.38	39.3	9.85	49.8	13.8	55.0	16.0	56.8	16.5	58.7	16.7	60.5	16.9
	37	31.5	7.83	39.3	10.5	49.8	14.7	54.9	17.0	55.9	17.1	57.8	17.3	59.6	17.5
	39	31.5	8.30	39.3	11.1	49.8	15.6	54.0	17.6	55.0	17.7	56.9	17.9	58.7	18.1
100% (500)	10	28.7	4.27	35.7	5.33	45.3	6.90	50.0	7.71	54.7	8.54	64.0	10.2	70.6	11.2
	12	28.7	4.33	35.7	5.42	45.3	7.02	50.0	7.85	54.7	8.70	64.0	10.4	69.7	11.2
	14	28.7	4.40	35.7	5.52	45.3	7.15	50.0	8.00	54.7	8.87	64.0	10.6	68.7	11.1
	16	28.7	4.48	35.7	5.62	45.3	7.29	50.0	8.15	54.7	9.04	64.0	10.8	67.8	11.2
	18	28.7	4.55	35.7	5.72	45.3	7.43	50.0	8.31	54.7	9.22	64.0	11.3	66.9	11.8
	20	28.7	4.63	35.7	5.83	45.3	7.58	50.0	8.48	54.7	9.62	64.0	12.1	66.0	12.4
	21	28.7	4.67	35.7	5.88	45.3	7.65	50.0	8.75	54.7	9.96	63.9	12.5	65.6	12.7
	23	28.7	4.76	35.7	5.99	45.3	8.17	50.0	9.37	54.7	10.7	63.0	13.1	64.6	13.2
	25	28.7	4.87	35.7	6.37	45.3	8.73	50.0	10.0	54.7	11.4	62.0	13.7	63.7	13.8
	27	28.7	5.18	35.7	6.79	45.3	9.32	50.0	10.7	54.7	12.2	61.1	14.3	62.8	14.4
	29	28.7	5.50	35.7	7.22	45.3	9.94	50.0	11.4	54.7	13.0	60.2	14.8	61.9	15.0
	31	28.7	5.84	35.7	7.68	45.3	10.6	50.0	12.2	54.7	13.9	59.3	15.4	61.0	15.6
	33	28.7	6.19	35.7	8.16	45.3	11.3	50.0	13.0	54.7	14.9	58.4	16.0	60.1	16.2
	35	28.7	6.56	35.7	8.67	45.3	12.0	50.0	13.9	54.7	15.8	57.5	16.6	59.2	16.8
	37	28.7	6.95	35.7	9.21	45.3	12.8	50.0	14.8	54.7	16.9	56.6	17.2	58.3	17.4
	39	28.7	7.36	35.7	9.77	45.3	13.6	50.0	15.7	53.9	17.5	55.7	17.8	57.4	18.0
90% (450)	10	25.8	3.86	32.2	4.78	40.8	6.14	45.0	6.84	49.2	7.57	57.6	9.07	65.7	10.6
	12	25.8	3.92	32.2	4.86	40.8	6.25	45.0	6.97	49.2	7.71	57.6	9.24	65.7	10.8
	14	25.8	3.98	32.2	4.94	40.8	6.36	45.0	7.10	49.2	7.86	57.6	9.42	65.7	11.0
	16	25.8	4.04	32.2	5.03	40.8	6.48	45.0	7.23	49.2	8.01	57.6	9.60	65.7	11.2
	18	25.8	4.11	32.2	5.12	40.8	6.60	45.0	7.37	49.2	8.17	57.6	9.79	65.6	11.7
	20	25.8	4.18	32.2	5.21	40.8	6.73	45.0	7.52	49.2	8.33	57.6	10.4	64.6	12.3
	21	25.8	4.21	32.2	5.26	40.8	6.79	45.0	7.59	49.2	8.57	57.6	10.7	64.2	12.6
	23	25.8	4.28	32.2	5.36	40.8	7.08	45.0	8.09	49.2	9.17	57.6	11.5	63.3	13.1
	25	25.8	4.36	32.2	5.59	40.8	7.56	45.0	8.65	49.2	9.81	57.6	12.3	62.4	13.7
	27	25.8	4.59	32.2	5.95	40.8	8.07	45.0	9.23	49.2	10.5	57.6	13.2	61.5	14.3
	29	25.8	4.87	32.2	6.32	40.8	8.59	45.0	9.84	49.2	11.2	57.6	14.1	60.5	14.9
	31	25.8	5.17	32.2	6.72	40.8	9.15	45.0	10.5	49.2	11.9	57.6	15.0	59.6	15.4
	33	25.8	5.47	32.2	7.13	40.8	9.74	45.0	11.2	49.2	12.7	57.2	15.9	58.7	16.0
	35	25.8	5.79	32.2	7.57	40.8	10.4	45.0	11.9	49.2	13.5	56.3	16.4	57.8	16.6
	37	25.8	6.13	32.2	8.03	40.8	11.0	45.0	12.7	49.2	14.4	55.4	17.0	56.9	17.2
	39	25.8	6.49	32.2	8.51	40.8	11.7	45.0	13.5	49.2	15.4	54.5	17.6	56.0	17.8

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	22.9	3.47	28.6	4.25	36.2	5.41	40.0	6.01	43.7	6.63	51.2	7.92	58.4	9.21
	12	22.9	3.52	28.6	4.32	36.2	5.50	40.0	6.12	43.7	6.75	51.2	8.07	58.4	9.39
	14	22.9	3.57	28.6	4.39	36.2	5.60	40.0	6.23	43.7	6.88	51.2	8.22	58.4	9.57
	16	22.9	3.63	28.6	4.46	36.2	5.70	40.0	6.34	43.7	7.01	51.2	8.38	58.4	9.75
	18	22.9	3.68	28.6	4.54	36.2	5.80	40.0	6.46	43.7	7.14	51.2	8.54	58.4	9.95
	20	22.9	3.74	28.6	4.62	36.2	5.91	40.0	6.59	43.7	7.28	51.2	8.75	58.4	10.6
	21	22.9	3.77	28.6	4.66	36.2	5.97	40.0	6.65	43.7	7.36	51.2	9.06	58.4	11.0
	23	22.9	3.83	28.6	4.74	36.2	6.08	40.0	6.90	43.7	7.79	51.2	9.70	58.4	11.8
	25	22.9	3.90	28.6	4.86	36.2	6.48	40.0	7.37	43.7	8.32	51.2	10.4	58.4	12.6
	27	22.9	4.04	28.6	5.16	36.2	6.91	40.0	7.86	43.7	8.88	51.2	11.1	58.4	13.5
	29	22.9	4.28	28.6	5.48	36.2	7.35	40.0	8.37	43.7	9.47	51.2	11.8	58.4	14.4
	31	22.9	4.54	28.6	5.82	36.2	7.82	40.0	8.92	43.7	10.1	51.2	12.6	58.3	15.3
	33	22.9	4.80	28.6	6.17	36.2	8.31	40.0	9.49	43.7	10.7	51.2	13.5	57.4	15.9
	35	22.9	5.08	28.6	6.54	36.2	8.83	40.0	10.1	43.7	11.4	51.2	14.4	56.4	16.5
	37	22.9	5.37	28.6	6.93	36.2	9.38	40.0	10.7	43.7	12.2	51.2	15.3	55.5	17.0
	39	22.9	5.67	28.6	7.34	36.2	9.96	40.0	11.4	43.7	12.9	51.2	16.3	54.6	17.6
70% (350)	10	20.1	3.10	25.0	3.75	31.7	4.71	35.0	5.21	38.3	5.73	44.8	6.81	51.1	7.90
	12	20.1	3.14	25.0	3.81	31.7	4.79	35.0	5.30	38.3	5.83	44.8	6.94	51.1	8.05
	14	20.1	3.18	25.0	3.87	31.7	4.87	35.0	5.39	38.3	5.94	44.8	7.06	51.1	8.20
	16	20.1	3.23	25.0	3.93	31.7	4.95	35.0	5.49	38.3	6.05	44.8	7.20	51.1	8.36
	18	20.1	3.28	25.0	3.99	31.7	5.04	35.0	5.59	38.3	6.16	44.8	7.34	51.1	8.52
	20	20.1	3.32	25.0	4.06	31.7	5.13	35.0	5.69	38.3	6.28	44.8	7.48	51.1	8.72
	21	20.1	3.35	25.0	4.09	31.7	5.18	35.0	5.75	38.3	6.34	44.8	7.56	51.1	9.03
	23	20.1	3.40	25.0	4.16	31.7	5.28	35.0	5.86	38.3	6.52	44.8	8.04	51.1	9.67
	25	20.1	3.45	25.0	4.23	31.7	5.49	35.0	6.20	38.3	6.96	44.8	8.60	51.1	10.3
	27	20.1	3.53	25.0	4.44	31.7	5.84	35.0	6.60	38.3	7.42	44.8	9.18	51.1	11.1
	29	20.1	3.74	25.0	4.71	31.7	6.21	35.0	7.03	38.3	7.90	44.8	9.79	51.1	11.8
	31	20.1	3.95	25.0	4.99	31.7	6.60	35.0	7.47	38.3	8.41	44.8	10.4	51.1	12.6
	33	20.1	4.18	25.0	5.28	31.7	7.00	35.0	7.94	38.3	8.94	44.8	11.1	51.1	13.4
	35	20.1	4.41	25.0	5.59	31.7	7.43	35.0	8.43	38.3	9.51	44.8	11.8	51.1	14.3
	37	20.1	4.65	25.0	5.92	31.7	7.88	35.0	8.95	38.3	10.1	44.8	12.6	51.1	15.2
	39	20.1	4.91	25.0	6.26	31.7	8.36	35.0	9.50	38.3	10.7	44.8	13.4	51.1	16.2
60% (300)	10	17.2	2.75	21.4	3.28	27.2	4.05	30.0	4.46	32.8	4.88	38.4	5.75	43.8	6.64
	12	17.2	2.78	21.4	3.32	27.2	4.12	30.0	4.53	32.8	4.96	38.4	5.85	43.8	6.76
	14	17.2	2.82	21.4	3.37	27.2	4.18	30.0	4.60	32.8	5.05	38.4	5.96	43.8	6.89
	16	17.2	2.85	21.4	3.42	27.2	4.25	30.0	4.68	32.8	5.13	38.4	6.07	43.8	7.02
	18	17.2	2.89	21.4	3.47	27.2	4.32	30.0	4.76	32.8	5.22	38.4	6.18	43.8	7.15
	20	17.2	2.93	21.4	3.52	27.2	4.39	30.0	4.85	32.8	5.32	38.4	6.30	43.8	7.29
	21	17.2	2.95	21.4	3.55	27.2	4.43	30.0	4.89	32.8	5.37	38.4	6.36	43.8	7.36
	23	17.2	2.99	21.4	3.61	27.2	4.51	30.0	4.98	32.8	5.47	38.4	6.55	43.8	7.80
	25	17.2	3.04	21.4	3.66	27.2	4.59	30.0	5.14	32.8	5.72	38.4	6.99	43.8	8.33
	27	17.2	3.08	21.4	3.77	27.2	4.87	30.0	5.46	32.8	6.09	38.4	7.45	43.8	8.89
	29	17.2	3.23	21.4	4.00	27.2	5.17	30.0	5.80	32.8	6.48	38.4	7.93	43.8	9.48
	31	17.2	3.41	21.4	4.23	27.2	5.48	30.0	6.16	32.8	6.89	38.4	8.44	43.8	10.1
	33	17.2	3.60	21.4	4.47	27.2	5.81	30.0	6.54	32.8	7.31	38.4	8.98	43.8	10.8
	35	17.2	3.79	21.4	4.72	27.2	6.16	30.0	6.93	32.8	7.76	38.4	9.54	43.8	11.4
	37	17.2	4.00	21.4	4.99	27.2	6.52	30.0	7.35	32.8	8.23	38.4	10.1	43.8	12.2
	39	17.2	4.21	21.4	5.27	27.2	6.90	30.0	7.79	32.8	8.73	38.4	10.8	43.8	13.0
50% (250)	10	14.3	2.42	17.9	2.83	22.6	3.43	25.0	3.75	27.3	4.08	32.0	4.76	36.5	5.45
	12	14.3	2.44	17.9	2.86	22.6	3.48	25.0	3.80	27.3	4.14	32.0	4.84	36.5	5.54
	14	14.3	2.47	17.9	2.90	22.6	3.53	25.0	3.86	27.3	4.21	32.0	4.92	36.5	5.64
	16	14.3	2.50	17.9	2.94	22.6	3.59	25.0	3.92	27.3	4.27	32.0	5.00	36.5	5.74
	18	14.3	2.53	17.9	2.98	22.6	3.64	25.0	3.99	27.3	4.34	32.0	5.09	36.5	5.85
	20	14.3	2.56	17.9	3.02	22.6	3.70	25.0	4.05	27.3	4.42	32.0	5.18	36.5	5.96
	21	14.3	2.57	17.9	3.04	22.6	3.73	25.0	4.09	27.3	4.46	32.0	5.23	36.5	6.01
	23	14.3	2.61	17.9	3.09	22.6	3.79	25.0	4.15	27.3	4.54	32.0	5.33	36.5	6.13
	25	14.3	2.64	17.9	3.13	22.6	3.85	25.0	4.23	27.3	4.62	32.0	5.55	36.5	6.54
	27	14.3	2.68	17.9	3.18	22.6	3.99	25.0	4.43	27.3	4.90	32.0	5.91	36.5	6.97
	29	14.3	2.76	17.9	3.35	22.6	4.23	25.0	4.70	27.3	5.21	32.0	6.28	36.5	7.42
	31	14.3	2.91	17.9	3.53	22.6	4.48	25.0	4.98	27.3	5.52	32.0	6.67	36.5	7.89
	33	14.3	3.07	17.9	3.73	22.6	4.74	25.0	5.28	27.3	5.85	32.0	7.09	36.5	8.39
	35	14.3	3.23	17.9	3.93	22.6	5.01	25.0	5.59	27.3	6.20	32.0	7.52	36.5	8.91
	37	14.3	3.39	17.9	4.15	22.6	5.29	25.0	5.91	27.3	6.57	32.0	7.97	36.5	9.47
	39	14.3	3.57	17.9	4.37	22.6	5.59	25.0	6.25	27.3	6.95	32.0	8.46	36.5	10.1

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ20TY1 Cooling capacity (Capacity correction factor: 0.95) (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	35.4	5.28	44.1	6.70	55.9	8.77	61.7	9.83	67.5	10.9	71.7	10.9	73.8	10.4
	12	35.4	5.37	44.1	6.82	55.9	8.93	61.7	10.0	67.5	11.1	70.8	10.9	72.9	10.3
	14	35.4	5.46	44.1	6.95	55.9	9.10	61.7	10.2	67.5	11.3	69.9	10.8	71.9	10.8
	16	35.4	5.56	44.1	7.08	55.9	9.28	61.7	10.4	66.8	11.3	69.0	11.3	71.0	11.4
	18	35.4	5.66	44.1	7.21	55.9	9.46	61.7	10.7	65.9	11.7	68.1	11.9	70.1	12.0
	20	35.4	5.77	44.1	7.36	55.9	9.94	61.7	11.5	65.0	12.3	67.1	12.4	69.2	12.6
	21	35.4	5.82	44.1	7.43	55.9	10.3	61.7	11.9	64.5	12.6	66.7	12.7	68.8	12.9
	23	35.4	5.93	44.1	7.88	55.9	11.0	61.7	12.8	63.6	13.2	65.8	13.3	67.8	13.5
	25	35.4	6.29	44.1	8.42	55.9	11.8	61.6	13.6	62.7	13.7	64.9	13.9	66.9	14.1
	27	35.4	6.70	44.1	8.99	55.9	12.6	60.7	14.2	61.8	14.3	64.0	14.5	66.0	14.7
	29	35.4	7.13	44.1	9.58	55.9	13.5	59.8	14.8	60.9	14.9	63.0	15.1	65.1	15.3
	31	35.4	7.59	44.1	10.2	55.9	14.4	58.9	15.4	60.0	15.5	62.1	15.7	64.2	15.9
	33	35.4	8.06	44.1	10.9	55.9	15.4	58.0	15.9	59.1	16.1	61.2	16.3	63.3	16.5
	35	35.4	8.56	44.1	11.6	55.9	16.4	57.1	16.5	58.2	16.6	60.3	16.9	62.4	17.1
	37	35.4	9.09	44.1	12.3	55.1	17.0	56.2	17.1	57.2	17.2	59.4	17.5	61.5	17.7
	39	35.4	9.65	44.1	13.1	54.2	17.6	55.2	17.7	56.3	17.8	58.5	18.1	60.6	18.3
120% (600)	10	32.7	4.86	40.7	6.13	51.6	8.00	57.0	8.96	62.3	9.94	70.6	11.2	72.5	10.7
	12	32.7	4.94	40.7	6.24	51.6	8.15	57.0	9.13	62.3	10.1	69.6	11.2	71.6	10.7
	14	32.7	5.02	40.7	6.36	51.6	8.30	57.0	9.30	62.3	10.3	68.7	11.1	70.7	10.8
	16	32.7	5.11	40.7	6.47	51.6	8.46	57.0	9.48	62.3	10.5	67.8	11.2	69.7	11.3
	18	32.7	5.20	40.7	6.60	51.6	8.63	57.0	9.67	62.3	10.9	66.9	11.8	68.8	11.9
	20	32.7	5.30	40.7	6.72	51.6	8.85	57.0	10.2	62.3	11.7	66.0	12.4	67.9	12.5
	21	32.7	5.35	40.7	6.79	51.6	9.17	57.0	10.6	62.3	12.1	65.5	12.7	67.5	12.8
	23	32.7	5.45	40.7	7.08	51.6	9.82	57.0	11.3	62.3	13.0	64.6	13.2	66.6	13.4
	25	32.7	5.70	40.7	7.56	51.6	10.5	57.0	12.1	61.7	13.7	63.7	13.8	65.6	14.0
	27	32.7	6.06	40.7	8.06	51.6	11.2	57.0	13.0	60.8	14.2	62.8	14.4	64.7	14.6
	29	32.7	6.45	40.7	8.59	51.6	12.0	57.0	13.9	59.9	14.8	61.9	15.0	63.8	15.2
	31	32.7	6.85	40.7	9.14	51.6	12.8	57.0	14.8	59.0	15.4	61.0	15.6	62.9	15.8
	33	32.7	7.27	40.7	9.73	51.6	13.6	57.0	15.8	58.1	16.0	60.1	16.2	62.0	16.4
	35	32.7	7.72	40.7	10.3	51.6	14.5	56.2	16.4	57.2	16.5	59.2	16.8	61.1	17.0
	37	32.7	8.19	40.7	11.0	51.6	15.5	55.3	17.0	56.3	17.1	58.3	17.4	60.2	17.6
	39	32.7	8.69	40.7	11.7	51.6	16.5	54.4	17.6	55.4	17.7	57.3	18.0	59.3	18.2
110% (550)	10	29.9	4.45	37.3	5.58	47.3	7.24	52.2	8.10	57.1	8.99	66.9	10.8	71.2	11.1
	12	29.9	4.52	37.3	5.68	47.3	7.38	52.2	8.25	57.1	9.16	66.9	11.0	70.3	11.0
	14	29.9	4.60	37.3	5.78	47.3	7.52	52.2	8.41	57.1	9.33	66.9	11.2	69.4	10.9
	16	29.9	4.68	37.3	5.89	47.3	7.66	52.2	8.57	57.1	9.51	66.7	11.4	68.4	11.3
	18	29.9	4.76	37.3	6.00	47.3	7.81	52.2	8.74	57.1	9.70	65.8	11.7	67.5	11.8
	20	29.9	4.84	37.3	6.11	47.3	7.96	52.2	9.00	57.1	10.3	64.9	12.3	66.6	12.4
	21	29.9	4.88	37.3	6.17	47.3	8.11	52.2	9.32	57.1	10.6	64.4	12.6	66.2	12.7
	23	29.9	4.97	37.3	6.32	47.3	8.68	52.2	9.98	57.1	11.4	63.5	13.1	65.3	13.3
	25	29.9	5.13	37.3	6.74	47.3	9.28	52.2	10.7	57.1	12.2	62.6	13.7	64.3	13.9
	27	29.9	5.45	37.3	7.18	47.3	9.91	52.2	11.4	57.1	13.0	61.7	14.3	63.4	14.5
	29	29.9	5.80	37.3	7.65	47.3	10.6	52.2	12.2	57.1	13.9	60.8	14.9	62.5	15.0
	31	29.9	6.15	37.3	8.14	47.3	11.3	52.2	13.0	57.1	14.9	59.9	15.5	61.6	15.6
	33	29.9	6.53	37.3	8.65	47.3	12.0	52.2	13.9	57.1	15.9	58.9	16.0	60.7	16.2
	35	29.9	6.92	37.3	9.19	47.3	12.8	52.2	14.8	56.2	16.4	58.0	16.6	59.8	16.8
	37	29.9	7.34	37.3	9.77	47.3	13.6	52.2	15.7	55.3	17.0	57.1	17.2	58.9	17.4
	39	29.9	7.78	37.3	10.4	47.3	14.5	52.2	16.8	54.4	17.6	56.2	17.8	58.0	18.0
100% (500)	10	27.2	4.06	33.9	5.05	43.0	6.51	47.5	7.27	51.9	8.05	60.8	9.65	69.3	11.2
	12	27.2	4.12	33.9	5.14	43.0	6.63	47.5	7.41	51.9	8.20	60.8	9.84	69.0	11.3
	14	27.2	4.19	33.9	5.23	43.0	6.75	47.5	7.54	51.9	8.36	60.8	10.0	68.1	11.3
	16	27.2	4.26	33.9	5.32	43.0	6.88	47.5	7.69	51.9	8.52	60.8	10.2	67.1	11.2
	18	27.2	4.33	33.9	5.41	43.0	7.01	47.5	7.84	51.9	8.69	60.8	10.5	66.2	11.7
	20	27.2	4.40	33.9	5.51	43.0	7.15	47.5	7.99	51.9	8.93	60.8	11.2	65.3	12.3
	21	27.2	4.44	33.9	5.57	43.0	7.22	47.5	8.15	51.9	9.25	60.8	11.6	64.9	12.6
	23	27.2	4.52	33.9	5.67	43.0	7.61	47.5	8.72	51.9	9.91	60.8	12.5	64.0	13.2
	25	27.2	4.60	33.9	5.97	43.0	8.13	47.5	9.32	51.9	10.6	60.8	13.4	63.0	13.8
	27	27.2	4.88	33.9	6.36	43.0	8.68	47.5	9.96	51.9	11.3	60.5	14.2	62.1	14.3
	29	27.2	5.18	33.9	6.76	43.0	9.25	47.5	10.6	51.9	12.1	59.6	14.8	61.2	14.9
	31	27.2	5.50	33.9	7.19	43.0	9.86	47.5	11.3	51.9	12.9	58.7	15.4	60.3	15.5
	33	27.2	5.83	33.9	7.64	43.0	10.5	47.5	12.1	51.9	13.8	57.8	15.9	59.4	16.1
	35	27.2	6.17	33.9	8.11	43.0	11.2	47.5	12.9	51.9	14.7	56.9	16.5	58.5	16.7
	37	27.2	6.54	33.9	8.61	43.0	11.9	47.5	13.7	51.9	15.6	56.0	17.1	57.6	17.3
	39	27.2	6.92	33.9	9.13	43.0	12.6	47.5	14.6	51.9	16.6	55.1	17.7	56.7	17.9
90% (450)	10	24.5	3.68	30.6	4.54	38.7	5.81	42.7	6.46	46.7	7.15	54.7	8.55	62.4	9.95
	12	24.5	3.74	30.6	4.62	38.7	5.91	42.7	6.58	46.7	7.28	54.7	8.71	62.4	10.1
	14	24.5	3.79	30.6	4.69	38.7	6.01	42.7	6.70	46.7	7.41	54.7	8.87	62.4	10.3
	16	24.5	3.85	30.6	4.77	38.7	6.12	42.7	6.83	46.7	7.55	54.7	9.05	62.4	10.5
	18	24.5	3.91	30.6	4.85	38.7	6.24	42.7	6.96	46.7	7.70	54.7	9.23	62.4	10.9
	20	24.5	3.98	30.6	4.94	38.7	6.36	42.7	7.09	46.7	7.85	54.7	9.62	62.4	11.7
	21	24.5	4.01	30.6	4.99	38.7	6.42	42.7	7.16	46.7	7.97	54.7	9.97	62.4	12.1
	23	24.5	4.08	30.6	5.08	38.7	6.62	42.7	7.54	46.7	8.53	54.7	10.7	62.4	13.0
	25	24.5	4.15	30.6	5.25	38.7	7.07	42.7	8.06	46.7	9.12	54.7	11.4	61.8	13.7
	27	24.5	4.34	30.6	5.59	38.7	7.53	42.7	8.60	46.7	9.74	54.7	12.2	60.8	14.2
	29	24.5	4.60	30.6	5.94	38.7	8.02	42.7	9.17	46.7	10.4	54.7	13.1	59.9	14.8
	31	24.5	4.88	30.6	6.30	38.7	8.54	42.7	9.76	46.7	11.1	54.7	13.9	59.0	15.4
	33	24.5	5.16	30.6	6.69	38.7	9.08	42.7	10.4	46.7	11.8	54.7	14.9	58.1	16.0
	35	24.5	5.46	30.6	7.10	38.7	9.65	42.7	11.1	46.7	12.6	54.7	15.8	57.2	16.5
	37	24.5	5.78	30.6	7.52	38.7	10.3	42.7	11.8	46.7	13.4	54.7	16.9	56.3	17.1
	39	24.5	6.11	30.6	7.97	38.7	10.9	42.7	12.5	46.7	14.2	53.9	17.5	55.4	17.7

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14.0		16.0		18.0		19.0		20.0		22.0		24.0	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	21.8	3.32	27.2	4.05	34.4	5.13	38.0	5.69	41.6	6.27	48.6	7.47	55.5	8.68
	12	21.8	3.37	27.2	4.11	34.4	5.21	38.0	5.79	41.6	6.38	48.6	7.61	55.5	8.85
	14	21.8	3.42	27.2	4.18	34.4	5.30	38.0	5.89	41.6	6.50	48.6	7.75	55.5	9.02
	16	21.8	3.47	27.2	4.25	34.4	5.40	38.0	6.00	41.6	6.62	48.6	7.90	55.5	9.19
	18	21.8	3.52	27.2	4.32	34.4	5.49	38.0	6.11	41.6	6.74	48.6	8.06	55.5	9.37
	20	21.8	3.57	27.2	4.39	34.4	5.60	38.0	6.22	41.6	6.88	48.6	8.22	55.5	9.82
	21	21.8	3.60	27.2	4.43	34.4	5.65	38.0	6.28	41.6	6.94	48.6	8.43	55.5	10.2
	23	21.8	3.66	27.2	4.51	34.4	5.76	38.0	6.46	41.6	7.27	48.6	9.02	55.5	10.9
	25	21.8	3.72	27.2	4.59	34.4	6.07	38.0	6.89	41.6	7.76	48.6	9.64	55.5	11.7
	27	21.8	3.83	27.2	4.87	34.4	6.47	38.0	7.34	41.6	8.28	48.6	10.3	55.5	12.5
	29	21.8	4.06	27.2	5.17	34.4	6.88	38.0	7.82	41.6	8.82	48.6	11.0	55.5	13.3
	31	21.8	4.30	27.2	5.48	34.4	7.32	38.0	8.32	41.6	9.40	48.6	11.7	55.5	14.2
	33	21.8	4.55	27.2	5.81	34.4	7.78	38.0	8.85	41.6	10.0	48.6	12.5	55.5	15.2
	35	21.8	4.80	27.2	6.15	34.4	8.26	38.0	9.41	41.6	10.6	48.6	13.3	55.5	16.2
	37	21.8	5.07	27.2	6.51	34.4	8.76	38.0	9.99	41.6	11.3	48.6	14.2	55.0	17.0
	39	21.8	5.36	27.2	6.90	34.4	9.30	38.0	10.6	41.6	12.0	48.6	15.1	54.1	17.6
70% (350)	10	19.1	2.98	23.8	3.58	30.1	4.48	33.2	4.94	36.4	5.43	42.6	6.43	48.5	7.45
	12	19.1	3.01	23.8	3.63	30.1	4.55	33.2	5.03	36.4	5.52	42.6	6.55	48.5	7.59
	14	19.1	3.05	23.8	3.69	30.1	4.62	33.2	5.11	36.4	5.62	42.6	6.67	48.5	7.73
	16	19.1	3.10	23.8	3.75	30.1	4.70	33.2	5.20	36.4	5.72	42.6	6.80	48.5	7.88
	18	19.1	3.14	23.8	3.80	30.1	4.78	33.2	5.30	36.4	5.83	42.6	6.93	48.5	8.04
	20	19.1	3.18	23.8	3.86	30.1	4.87	33.2	5.39	36.4	5.94	42.6	7.06	48.5	8.20
	21	19.1	3.21	23.8	3.90	30.1	4.91	33.2	5.44	36.4	5.99	42.6	7.13	48.5	8.40
	23	19.1	3.25	23.8	3.96	30.1	5.00	33.2	5.55	36.4	6.11	42.6	7.50	48.5	8.99
	25	19.1	3.31	23.8	4.03	30.1	5.16	33.2	5.82	36.4	6.51	42.6	8.01	48.5	9.61
	27	19.1	3.36	23.8	4.20	30.1	5.49	33.2	6.19	36.4	6.94	42.6	8.55	48.5	10.3
	29	19.1	3.56	23.8	4.45	30.1	5.83	33.2	6.59	36.4	7.39	42.6	9.11	48.5	11.0
	31	19.1	3.76	23.8	4.72	30.1	6.20	33.2	7.00	36.4	7.86	42.6	9.71	48.5	11.7
	33	19.1	3.97	23.8	4.99	30.1	6.57	33.2	7.43	36.4	8.35	42.6	10.3	48.5	12.5
	35	19.1	4.19	23.8	5.28	30.1	6.97	33.2	7.89	36.4	8.87	42.6	11.0	48.5	13.3
	37	19.1	4.42	23.8	5.58	30.1	7.39	33.2	8.37	36.4	9.42	42.6	11.7	48.5	14.1
	39	19.1	4.66	23.8	5.90	30.1	7.83	33.2	8.88	36.4	10.0	42.6	12.4	48.5	15.0
60% (300)	10	16.3	2.65	20.4	3.14	25.8	3.86	28.5	4.24	31.2	4.63	36.5	5.45	41.6	6.28
	12	16.3	2.68	20.4	3.18	25.8	3.92	28.5	4.31	31.2	4.71	36.5	5.54	41.6	6.39
	14	16.3	2.71	20.4	3.23	25.8	3.98	28.5	4.38	31.2	4.79	36.5	5.64	41.6	6.50
	16	16.3	2.74	20.4	3.27	25.8	4.04	28.5	4.45	31.2	4.87	36.5	5.74	41.6	6.63
	18	16.3	2.78	20.4	3.32	25.8	4.11	28.5	4.52	31.2	4.95	36.5	5.85	41.6	6.75
	20	16.3	2.82	20.4	3.37	25.8	4.18	28.5	4.60	31.2	5.04	36.5	5.96	41.6	6.88
	21	16.3	2.83	20.4	3.39	25.8	4.21	28.5	4.64	31.2	5.09	36.5	6.01	41.6	6.95
	23	16.3	2.87	20.4	3.45	25.8	4.29	28.5	4.73	31.2	5.18	36.5	6.13	41.6	7.28
	25	16.3	2.91	20.4	3.50	25.8	4.36	28.5	4.84	31.2	5.38	36.5	6.54	41.6	7.77
	27	16.3	2.96	20.4	3.58	25.8	4.60	28.5	5.14	31.2	5.72	36.5	6.97	41.6	8.29
	29	16.3	3.09	20.4	3.79	25.8	4.88	28.5	5.46	31.2	6.08	36.5	7.42	41.6	8.84
	31	16.3	3.26	20.4	4.01	25.8	5.17	28.5	5.80	31.2	6.46	36.5	7.89	41.6	9.41
	33	16.3	3.43	20.4	4.24	25.8	5.48	28.5	6.15	31.2	6.86	36.5	8.39	41.6	10.0
	35	16.3	3.62	20.4	4.48	25.8	5.80	28.5	6.51	31.2	7.27	36.5	8.91	41.6	10.7
	37	16.3	3.81	20.4	4.73	25.8	6.14	28.5	6.90	31.2	7.71	36.5	9.46	41.6	11.3
	39	16.3	4.01	20.4	4.99	25.8	6.49	28.5	7.31	31.2	8.18	36.5	10.0	41.6	12.0
50% (250)	10	13.6	2.34	17.0	2.72	21.5	3.29	23.7	3.58	26.0	3.88	30.4	4.52	34.7	5.16
	12	13.6	2.36	17.0	2.75	21.5	3.33	23.7	3.63	26.0	3.94	30.4	4.59	34.7	5.25
	14	13.6	2.39	17.0	2.79	21.5	3.38	23.7	3.69	26.0	4.00	30.4	4.67	34.7	5.34
	16	13.6	2.41	17.0	2.82	21.5	3.43	23.7	3.74	26.0	4.07	30.4	4.75	34.7	5.44
	18	13.6	2.44	17.0	2.86	21.5	3.48	23.7	3.80	26.0	4.13	30.4	4.83	34.7	5.54
	20	13.6	2.47	17.0	2.90	21.5	3.53	23.7	3.86	26.0	4.20	30.4	4.91	34.7	5.64
	21	13.6	2.48	17.0	2.92	21.5	3.56	23.7	3.89	26.0	4.24	30.4	4.96	34.7	5.69
	23	13.6	2.51	17.0	2.96	21.5	3.62	23.7	3.96	26.0	4.31	30.4	5.05	34.7	5.80
	25	13.6	2.55	17.0	3.00	21.5	3.68	23.7	4.03	26.0	4.39	30.4	5.22	34.7	6.13
	27	13.6	2.58	17.0	3.05	21.5	3.79	23.7	4.19	26.0	4.63	30.4	5.55	34.7	6.53
	29	13.6	2.65	17.0	3.19	21.5	4.01	23.7	4.45	26.0	4.91	30.4	5.90	34.7	6.95
	31	13.6	2.79	17.0	3.37	21.5	4.24	23.7	4.71	26.0	5.21	30.4	6.27	34.7	7.38
	33	13.6	2.94	17.0	3.55	21.5	4.49	23.7	4.99	26.0	5.52	30.4	6.65	34.7	7.85
	35	13.6	3.09	17.0	3.75	21.5	4.74	23.7	5.27	26.0	5.84	30.4	7.05	34.7	8.33
	37	13.6	3.25	17.0	3.95	21.5	5.01	23.7	5.58	26.0	6.18	30.4	7.47	34.7	8.85
	39	13.6	3.41	17.0	4.16	21.5	5.29	23.7	5.89	26.0	6.54	30.4	7.92	34.7	9.39

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ20TY1 Cooling capacity (Capacity correction factor: 0.90) (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	33.5	4.99	41.8	6.31	53.0	8.24	58.5	9.23	64.0	10.2	70.9	11.1	72.9	10.6
	12	33.5	5.07	41.8	6.42	53.0	8.39	58.5	9.40	64.0	10.4	70.0	11.1	72.0	10.6
	14	33.5	5.16	41.8	6.54	53.0	8.55	58.5	9.58	64.0	10.6	69.1	11.0	71.1	10.8
	16	33.5	5.25	41.8	6.66	53.0	8.72	58.5	9.77	64.0	10.8	68.2	11.2	70.2	11.4
	18	33.5	5.35	41.8	6.79	53.0	8.89	58.5	9.97	64.0	11.3	67.3	11.8	69.2	11.9
	20	33.5	5.44	41.8	6.92	53.0	9.19	58.5	10.6	64.0	12.1	66.4	12.4	68.3	12.5
	21	33.5	5.49	41.8	6.99	53.0	9.52	58.5	11.0	63.9	12.5	65.9	12.7	67.9	12.8
	23	33.5	5.60	41.8	7.33	53.0	10.2	58.5	11.8	63.0	13.1	65.0	13.3	67.0	13.4
	25	33.5	5.88	41.8	7.82	53.0	10.9	58.5	12.6	62.0	13.7	64.1	13.8	66.1	14.0
	27	33.5	6.26	41.8	8.35	53.0	11.7	58.5	13.5	61.1	14.3	63.2	14.4	65.1	14.6
	29	33.5	6.66	41.8	8.90	53.0	12.5	58.5	14.4	60.2	14.8	62.3	15.0	64.2	15.2
	31	33.5	7.08	41.8	9.48	53.0	13.3	58.3	15.3	59.3	15.4	61.4	15.6	63.3	15.8
	33	33.5	7.52	41.8	10.1	53.0	14.2	57.4	15.9	58.4	16.0	60.4	16.2	62.4	16.4
	35	33.5	7.98	41.8	10.7	53.0	15.1	56.5	16.5	57.5	16.6	59.5	16.8	61.5	17.0
	37	33.5	8.47	41.8	11.4	53.0	16.1	55.6	17.0	56.6	17.2	58.6	17.4	60.6	17.6
	39	33.5	8.99	41.8	12.1	53.0	17.1	54.6	17.6	55.7	17.8	57.7	18.0	59.7	18.2
120% (600)	10	31.0	4.60	38.6	5.79	48.9	7.52	54.0	8.42	59.1	9.34	69.1	11.2	71.7	10.9
	12	31.0	4.68	38.6	5.89	48.9	7.66	54.0	8.57	59.1	9.51	68.9	11.4	70.7	10.9
	14	31.0	4.75	38.6	5.99	48.9	7.80	54.0	8.74	59.1	9.69	68.0	11.3	69.8	10.8
	16	31.0	4.83	38.6	6.10	48.9	7.95	54.0	8.91	59.1	9.88	67.1	11.2	68.9	11.3
	18	31.0	4.92	38.6	6.22	48.9	8.11	54.0	9.08	59.1	10.1	66.2	11.7	68.0	11.9
	20	31.0	5.01	38.6	6.33	48.9	8.27	54.0	9.44	59.1	10.8	65.3	12.3	67.1	12.4
	21	31.0	5.05	38.6	6.40	48.9	8.49	54.0	9.77	59.1	11.2	64.8	12.6	66.6	12.7
	23	31.0	5.15	38.6	6.59	48.9	9.09	54.0	10.5	59.1	12.0	63.9	13.2	65.7	13.3
	25	31.0	5.33	38.6	7.03	48.9	9.72	54.0	11.2	59.1	12.8	63.0	13.8	64.8	13.9
	27	31.0	5.67	38.6	7.50	48.9	10.4	54.0	12.0	59.1	13.7	62.1	14.3	63.9	14.5
	29	31.0	6.03	38.6	7.99	48.9	11.1	54.0	12.8	59.1	14.6	61.2	14.9	63.0	15.1
	31	31.0	6.41	38.6	8.50	48.9	11.8	54.0	13.7	58.4	15.3	60.3	15.5	62.1	15.7
	33	31.0	6.80	38.6	9.04	48.9	12.6	54.0	14.6	57.5	15.9	59.4	16.1	61.2	16.3
	35	31.0	7.21	38.6	9.61	48.9	13.4	54.0	15.5	56.6	16.5	58.5	16.7	60.3	16.9
	37	31.0	7.65	38.6	10.2	48.9	14.3	54.0	16.5	55.7	17.1	57.5	17.3	59.4	17.5
	39	31.0	8.11	38.6	10.8	48.9	15.2	53.8	17.5	54.7	17.6	56.6	17.9	58.4	18.1
110% (550)	10	28.4	4.22	35.4	5.27	44.8	6.82	49.5	7.62	54.1	8.44	63.3	10.1	70.4	11.3
	12	28.4	4.29	35.4	5.36	44.8	6.94	49.5	7.76	54.1	8.60	63.3	10.3	69.5	11.2
	14	28.4	4.36	35.4	5.46	44.8	7.07	49.5	7.91	54.1	8.77	63.3	10.5	68.6	11.1
	16	28.4	4.43	35.4	5.56	44.8	7.21	49.5	8.06	54.1	8.94	63.3	10.7	67.7	11.2
	18	28.4	4.51	35.4	5.66	44.8	7.34	49.5	8.22	54.1	9.11	63.3	11.1	66.8	11.8
	20	28.4	4.58	35.4	5.76	44.8	7.49	49.5	8.38	54.1	9.48	63.3	12.0	65.9	12.4
	21	28.4	4.62	35.4	5.82	44.8	7.56	49.5	8.63	54.1	9.81	63.3	12.4	65.4	12.6
	23	28.4	4.71	35.4	5.93	44.8	8.05	49.5	9.24	54.1	10.5	62.8	13.1	64.5	13.2
	25	28.4	4.82	35.4	6.29	44.8	8.61	49.5	9.88	54.1	11.3	61.9	13.7	63.6	13.8
	27	28.4	5.12	35.4	6.70	44.8	9.19	49.5	10.6	54.1	12.0	61.0	14.2	62.7	14.4
	29	28.4	5.44	35.4	7.13	44.8	9.80	49.5	11.3	54.1	12.9	60.1	14.8	61.8	15.0
	31	28.4	5.77	35.4	7.58	44.8	10.4	49.5	12.0	54.1	13.7	59.2	15.4	60.9	15.6
	33	28.4	6.12	35.4	8.06	44.8	11.1	49.5	12.8	54.1	14.6	58.3	16.0	59.9	16.1
	35	28.4	6.48	35.4	8.56	44.8	11.8	49.5	13.6	54.1	15.6	57.4	16.6	59.0	16.7
	37	28.4	6.87	35.4	9.09	44.8	12.6	49.5	14.5	54.1	16.6	56.5	17.1	58.1	17.3
	39	28.4	7.27	35.4	9.64	44.8	13.4	49.5	15.5	53.8	17.5	55.6	17.7	57.2	17.9
100% (500)	10	25.8	3.86	32.2	4.78	40.8	6.14	45.0	6.84	49.2	7.57	57.6	9.07	65.7	10.6
	12	25.8	3.92	32.2	4.86	40.8	6.25	45.0	6.97	49.2	7.71	57.6	9.24	65.7	10.8
	14	25.8	3.98	32.2	4.94	40.8	6.36	45.0	7.10	49.2	7.86	57.6	9.42	65.7	11.0
	16	25.8	4.04	32.2	5.03	40.8	6.48	45.0	7.23	49.2	8.01	57.6	9.60	65.7	11.2
	18	25.8	4.11	32.2	5.12	40.8	6.60	45.0	7.37	49.2	8.17	57.6	9.79	65.6	11.7
	20	25.8	4.18	32.2	5.21	40.8	6.73	45.0	7.52	49.2	8.33	57.6	10.4	64.6	12.3
	21	25.8	4.21	32.2	5.26	40.8	6.79	45.0	7.59	49.2	8.57	57.6	10.7	64.2	12.6
	23	25.8	4.28	32.2	5.36	40.8	7.08	45.0	8.09	49.2	9.17	57.6	11.5	63.3	13.1
	25	25.8	4.36	32.2	5.59	40.8	7.56	45.0	8.65	49.2	9.81	57.6	12.3	62.4	13.7
	27	25.8	4.59	32.2	5.95	40.8	8.07	45.0	9.23	49.2	10.5	57.6	13.2	61.5	14.3
	29	25.8	4.87	32.2	6.32	40.8	8.59	45.0	9.84	49.2	11.2	57.6	14.1	60.5	14.9
	31	25.8	5.17	32.2	6.72	40.8	9.15	45.0	10.5	49.2	11.9	57.6	15.0	59.6	15.4
	33	25.8	5.47	32.2	7.13	40.8	9.74	45.0	11.2	49.2	12.7	57.2	15.9	58.7	16.0
	35	25.8	5.79	32.2	7.57	40.8	10.4	45.0	11.9	49.2	13.5	56.3	16.4	57.8	16.6
	37	25.8	6.13	32.2	8.03	40.8	11.0	45.0	12.7	49.2	14.4	55.4	17.0	56.9	17.2
	39	25.8	6.49	32.2	8.51	40.8	11.7	45.0	13.5	49.2	15.4	54.5	17.6	56.0	17.8
90% (450)	10	23.2	3.51	28.9	4.31	36.7	5.48	40.5	6.09	44.3	6.73	51.8	8.03	59.1	9.35
	12	23.2	3.56	28.9	4.37	36.7	5.57	40.5	6.20	44.3	6.85	51.8	8.18	59.1	9.52
	14	23.2	3.61	28.9	4.45	36.7	5.67	40.5	6.31	44.3	6.98	51.8	8.34	59.1	9.71
	16	23.2	3.67	28.9	4.52	36.7	5.78	40.5	6.43	44.3	7.11	51.8	8.50	59.1	9.89
	18	23.2	3.72	28.9	4.60	36.7	5.88	40.5	6.55	44.3	7.24	51.8	8.67	59.1	10.1
	20	23.2	3.78	28.9	4.68	36.7	5.99	40.5	6.68	44.3	7.39	51.8	8.90	59.1	10.8
	21	23.2	3.81	28.9	4.72	36.7	6.05	40.5	6.74	44.3	7.46	51.8	9.22	59.1	11.2
	23	23.2	3.88	28.9	4.80	36.7	6.17	40.5	7.02	44.3	7.92	51.8	9.88	59.1	12.0
	25	23.2	3.94	28.9	4.93	36.7	6.59	40.5	7.49	44.3	8.46	51.8	10.6	59.1	12.8
	27	23.2	4.10	28.9	5.24	36.7	7.02	40.5	7.99	44.3	9.03	51.8	11.3	59.1	13.7
	29	23.2	4.34	28.9	5.56	36.7	7.47	40.5	8.52	44.3	9.63	51.8	12.1	59.1	14.7
	31	23.2	4.60	28.9	5.91	36.7	7.95	40.5	9.07	44.3	10.3	51.8	12.9	58.4	15.3
	33	23.2	4.87	28.9	6.26	36.7	8.45	40.5	9.65	44.3	10.9	51.8	13.7	57.5	15.9
	35	23.2	5.15	28.9	6.64	36.7	8.98	40.5	10.3	44.3	11.6	51.8	14.6	56.6	16.5
	37	23.2	5.44	28.9	7.04	36.7	9.54	40.5	10.9	44.3	12.4	51.8	15.6	55.7	17.1
	39	23.2	5.75	28.9	7.45	36.7	10.1	40.5	11.6	44.3	13.2	51.8	16.6	54.8	17.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	20.6	3.17	25.7	3.85	32.6	4.85	36.0	5.37	39.4	5.91	46.1	7.03	52.5	8.16
	12	20.6	3.22	25.7	3.91	32.6	4.93	36.0	5.46	39.4	6.02	46.1	7.16	52.5	8.31
	14	20.6	3.26	25.7	3.97	32.6	5.01	36.0	5.56	39.4	6.12	46.1	7.29	52.5	8.47
	16	20.6	3.31	25.7	4.03	32.6	5.10	36.0	5.66	39.4	6.24	46.1	7.43	52.5	8.63
	18	20.6	3.36	25.7	4.10	32.6	5.19	36.0	5.76	39.4	6.35	46.1	7.57	52.5	8.80
	20	20.6	3.41	25.7	4.17	32.6	5.29	36.0	5.87	39.4	6.48	46.1	7.72	52.5	9.08
	21	20.6	3.43	25.7	4.20	32.6	5.33	36.0	5.93	39.4	6.54	46.1	7.82	52.5	9.40
	23	20.6	3.49	25.7	4.27	32.6	5.43	36.0	6.04	39.4	6.77	46.1	8.36	52.5	10.1
	25	20.6	3.54	25.7	4.35	32.6	5.68	36.0	6.43	39.4	7.22	46.1	8.94	52.5	10.8
	27	20.6	3.63	25.7	4.58	32.6	6.05	36.0	6.85	39.4	7.70	46.1	9.54	52.5	11.5
	29	20.6	3.84	25.7	4.86	32.6	6.43	36.0	7.29	39.4	8.20	46.1	10.2	52.5	12.3
	31	20.6	4.07	25.7	5.15	32.6	6.83	36.0	7.75	39.4	8.73	46.1	10.9	52.5	13.1
	33	20.6	4.30	25.7	5.46	32.6	7.26	36.0	8.24	39.4	9.29	46.1	11.6	52.5	14.0
	35	20.6	4.54	25.7	5.78	32.6	7.70	36.0	8.75	39.4	9.88	46.1	12.3	52.5	14.9
	37	20.6	4.79	25.7	6.11	32.6	8.17	36.0	9.29	39.4	10.5	46.1	13.1	52.5	15.9
	39	20.6	5.06	25.7	6.47	32.6	8.66	36.0	9.87	39.4	11.2	46.1	13.9	52.5	16.9
70% (350)	10	18.1	2.85	22.5	3.42	28.5	4.25	31.5	4.68	34.4	5.13	40.3	6.06	46.0	7.01
	12	18.1	2.89	22.5	3.46	28.5	4.31	31.5	4.76	34.4	5.22	40.3	6.17	46.0	7.14
	14	18.1	2.93	22.5	3.52	28.5	4.38	31.5	4.84	34.4	5.31	40.3	6.28	46.0	7.27
	16	18.1	2.96	22.5	3.57	28.5	4.46	31.5	4.92	34.4	5.40	40.3	6.40	46.0	7.41
	18	18.1	3.00	22.5	3.62	28.5	4.53	31.5	5.01	34.4	5.50	40.3	6.52	46.0	7.56
	20	18.1	3.05	22.5	3.68	28.5	4.61	31.5	5.10	34.4	5.60	40.3	6.65	46.0	7.71
	21	18.1	3.07	22.5	3.71	28.5	4.65	31.5	5.14	34.4	5.65	40.3	6.71	46.0	7.79
	23	18.1	3.11	22.5	3.77	28.5	4.73	31.5	5.24	34.4	5.76	40.3	6.98	46.0	8.34
	25	18.1	3.16	22.5	3.83	28.5	4.85	31.5	5.44	34.4	6.08	40.3	7.45	46.0	8.91
	27	18.1	3.21	22.5	3.97	28.5	5.15	31.5	5.79	34.4	6.48	40.3	7.95	46.0	9.51
	29	18.1	3.38	22.5	4.20	28.5	5.47	31.5	6.16	34.4	6.89	40.3	8.47	46.0	10.1
	31	18.1	3.57	22.5	4.45	28.5	5.81	31.5	6.54	34.4	7.33	40.3	9.02	46.0	10.8
	33	18.1	3.77	22.5	4.71	28.5	6.16	31.5	6.94	34.4	7.78	40.3	9.59	46.0	11.5
	35	18.1	3.97	22.5	4.98	28.5	6.53	31.5	7.37	34.4	8.27	40.3	10.2	46.0	12.3
	37	18.1	4.19	22.5	5.26	28.5	6.91	31.5	7.81	34.4	8.77	40.3	10.8	46.0	13.1
	39	18.1	4.41	22.5	5.56	28.5	7.32	31.5	8.28	34.4	9.31	40.3	11.5	46.0	13.9
60% (300)	10	15.5	2.55	19.3	3.00	24.5	3.68	27.0	4.03	29.5	4.39	34.6	5.15	39.4	5.92
	12	15.5	2.58	19.3	3.04	24.5	3.73	27.0	4.09	29.5	4.46	34.6	5.23	39.4	6.02
	14	15.5	2.61	19.3	3.08	24.5	3.79	27.0	4.15	29.5	4.53	34.6	5.33	39.4	6.13
	16	15.5	2.64	19.3	3.13	24.5	3.85	27.0	4.22	29.5	4.61	34.6	5.42	39.4	6.24
	18	15.5	2.67	19.3	3.17	24.5	3.91	27.0	4.29	29.5	4.69	34.6	5.52	39.4	6.36
	20	15.5	2.70	19.3	3.22	24.5	3.97	27.0	4.36	29.5	4.77	34.6	5.62	39.4	6.48
	21	15.5	2.72	19.3	3.24	24.5	4.00	27.0	4.40	29.5	4.81	34.6	5.67	39.4	6.54
	23	15.5	2.76	19.3	3.29	24.5	4.07	27.0	4.48	29.5	4.90	34.6	5.78	39.4	6.77
	25	15.5	2.80	19.3	3.34	24.5	4.14	27.0	4.56	29.5	5.04	34.6	6.11	39.4	7.23
	27	15.5	2.83	19.3	3.40	24.5	4.33	27.0	4.83	29.5	5.36	34.6	6.50	39.4	7.71
	29	15.5	2.95	19.3	3.60	24.5	4.59	27.0	5.13	29.5	5.70	34.6	6.92	39.4	8.21
	31	15.5	3.11	19.3	3.80	24.5	4.87	27.0	5.44	29.5	6.05	34.6	7.36	39.4	8.74
	33	15.5	3.27	19.3	4.02	24.5	5.15	27.0	5.77	29.5	6.42	34.6	7.82	39.4	9.30
	35	15.5	3.45	19.3	4.24	24.5	5.45	27.0	6.11	29.5	6.80	34.6	8.30	39.4	9.89
	37	15.5	3.63	19.3	4.47	24.5	5.77	27.0	6.47	29.5	7.21	34.6	8.81	39.4	10.5
	39	15.5	3.82	19.3	4.72	24.5	6.10	27.0	6.84	29.5	7.64	34.6	9.35	39.4	11.2
50% (250)	10	12.9	2.26	16.1	2.62	20.4	3.14	22.5	3.41	24.6	3.70	28.8	4.28	32.8	4.88
	12	12.9	2.28	16.1	2.65	20.4	3.18	22.5	3.46	24.6	3.75	28.8	4.35	32.8	4.97
	14	12.9	2.30	16.1	2.68	20.4	3.23	22.5	3.51	24.6	3.81	28.8	4.42	32.8	5.05
	16	12.9	2.33	16.1	2.71	20.4	3.27	22.5	3.56	24.6	3.87	28.8	4.50	32.8	5.14
	18	12.9	2.35	16.1	2.75	20.4	3.32	22.5	3.62	24.6	3.93	28.8	4.57	32.8	5.23
	20	12.9	2.38	16.1	2.78	20.4	3.37	22.5	3.68	24.6	3.99	28.8	4.65	32.8	5.32
	21	12.9	2.39	16.1	2.80	20.4	3.39	22.5	3.70	24.6	4.03	28.8	4.69	32.8	5.37
	23	12.9	2.42	16.1	2.84	20.4	3.45	22.5	3.76	24.6	4.09	28.8	4.78	32.8	5.48
	25	12.9	2.45	16.1	2.88	20.4	3.50	22.5	3.83	24.6	4.17	28.8	4.90	32.8	5.73
	27	12.9	2.48	16.1	2.92	20.4	3.59	22.5	3.96	24.6	4.36	28.8	5.21	32.8	6.10
	29	12.9	2.55	16.1	3.04	20.4	3.80	22.5	4.20	24.6	4.62	28.8	5.53	32.8	6.49
	31	12.9	2.68	16.1	3.21	20.4	4.01	22.5	4.44	24.6	4.90	28.8	5.87	32.8	6.89
	33	12.9	2.82	16.1	3.39	20.4	4.24	22.5	4.70	24.6	5.19	28.8	6.23	32.8	7.32
	35	12.9	2.96	16.1	3.57	20.4	4.48	22.5	4.97	24.6	5.49	28.8	6.60	32.8	7.77
	37	12.9	3.11	16.1	3.75	20.4	4.73	22.5	5.25	24.6	5.81	28.8	6.99	32.8	8.24
	39	12.9	3.27	16.1	3.95	20.4	4.99	22.5	5.55	24.6	6.14	28.8	7.41	32.8	8.74

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.
2. This table indicates the situation of 50~130% combination of indoor units.
3. ▭ shows rated condition.

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When *VRV* and Residential indoor units are connected

The capacity of outdoor unit can be calculated by interpolating between the two correction factor tables.

RXQ20TY1 Cooling capacity (Capacity correction factor: 0.85) (Te: 9°C)

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130% (650)	10	31.7	4.71	39.5	5.93	50.0	7.72	55.2	8.64	60.4	9.59	70.1	11.3	72.0	10.9
	12	31.7	4.79	39.5	6.03	50.0	7.86	55.2	8.80	60.4	9.77	69.2	11.3	71.1	10.8
	14	31.7	4.87	39.5	6.14	50.0	8.01	55.2	8.97	60.4	9.96	68.3	11.2	70.2	10.7
	16	31.7	4.95	39.5	6.26	50.0	8.16	55.2	9.15	60.4	10.1	67.4	11.2	69.3	11.3
	18	31.7	5.04	39.5	6.37	50.0	8.32	55.2	9.33	60.4	10.4	66.5	11.8	68.4	11.9
	20	31.7	5.13	39.5	6.50	50.0	8.49	55.2	9.75	60.4	11.1	65.6	12.3	67.4	12.5
	21	31.7	5.17	39.5	6.56	50.0	8.77	55.2	10.1	60.4	11.5	65.1	12.6	67.0	12.8
	23	31.7	5.27	39.5	6.79	50.0	9.39	55.2	10.8	60.4	12.4	64.2	13.2	66.1	13.3
	25	31.7	5.48	39.5	7.25	50.0	10.0	55.2	11.6	60.4	13.2	63.3	13.8	65.2	13.9
	27	31.7	5.83	39.5	7.73	50.0	10.7	55.2	12.4	60.4	14.2	62.4	14.4	64.3	14.5
	29	31.7	6.20	39.5	8.24	50.0	11.5	55.2	13.2	59.6	14.8	61.5	14.9	63.3	15.1
	31	31.7	6.59	39.5	8.77	50.0	12.2	55.2	14.1	58.6	15.3	60.6	15.5	62.4	15.7
	33	31.7	7.00	39.5	9.33	50.0	13.0	55.2	15.1	57.7	15.9	59.7	16.1	61.5	16.3
	35	31.7	7.42	39.5	9.92	50.0	13.9	55.2	16.1	56.8	16.5	58.8	16.7	60.6	16.9
	37	31.7	7.87	39.5	10.5	50.0	14.8	54.9	17.0	55.9	17.1	57.8	17.3	59.7	17.5
	39	31.7	8.35	39.5	11.2	50.0	15.7	54.0	17.6	55.0	17.7	56.9	17.9	58.8	18.1
120% (600)	10	29.2	4.35	36.4	5.44	46.2	7.05	51.0	7.88	55.8	8.74	65.3	10.5	70.8	11.2
	12	29.2	4.42	36.4	5.54	46.2	7.18	51.0	8.03	55.8	8.90	65.3	10.7	69.9	11.1
	14	29.2	4.49	36.4	5.63	46.2	7.31	51.0	8.18	55.8	9.07	65.3	10.9	69.0	11.0
	16	29.2	4.56	36.4	5.74	46.2	7.45	51.0	8.34	55.8	9.25	65.3	11.1	68.1	11.2
	18	29.2	4.64	36.4	5.84	46.2	7.60	51.0	8.50	55.8	9.43	65.3	11.6	67.2	11.8
	20	29.2	4.72	36.4	5.95	46.2	7.75	51.0	8.70	55.8	9.90	64.6	12.3	66.3	12.4
	21	29.2	4.77	36.4	6.01	46.2	7.84	51.0	9.00	55.8	10.3	64.1	12.6	65.8	12.7
	23	29.2	4.85	36.4	6.12	46.2	8.39	51.0	9.64	55.8	11.0	63.2	13.1	64.9	13.3
	25	29.2	4.98	36.4	6.53	46.2	8.97	51.0	10.3	55.8	11.8	62.3	13.7	64.0	13.8
	27	29.2	5.30	36.4	6.96	46.2	9.58	51.0	11.0	55.8	12.6	61.4	14.3	63.1	14.4
	29	29.2	5.63	36.4	7.41	46.2	10.2	51.0	11.8	55.8	13.4	60.5	14.9	62.2	15.0
	31	29.2	5.98	36.4	7.88	46.2	10.9	51.0	12.6	55.8	14.3	59.6	15.4	61.3	15.6
	33	29.2	6.34	36.4	8.38	46.2	11.6	51.0	13.4	55.8	15.3	58.6	16.0	60.4	16.2
	35	29.2	6.72	36.4	8.90	46.2	12.4	51.0	14.3	55.8	16.3	57.7	16.6	59.4	16.8
	37	29.2	7.12	36.4	9.45	46.2	13.1	51.0	15.2	55.0	17.0	56.8	17.2	58.5	17.4
	39	29.2	7.54	36.4	10.0	46.2	14.0	51.0	16.2	54.1	17.6	55.9	17.8	57.6	18.0
110% (550)	10	26.8	4.00	33.4	4.97	42.3	6.40	46.7	7.14	51.1	7.91	59.8	9.48	68.2	11.0
	12	26.8	4.06	33.4	5.05	42.3	6.51	46.7	7.27	51.1	8.06	59.8	9.66	68.2	11.2
	14	26.8	4.13	33.4	5.14	42.3	6.63	46.7	7.41	51.1	8.21	59.8	9.84	67.9	11.3
	16	26.8	4.19	33.4	5.23	42.3	6.76	46.7	7.55	51.1	8.37	59.8	10.0	66.9	11.3
	18	26.8	4.26	33.4	5.32	42.3	6.89	46.7	7.70	51.1	8.53	59.8	10.2	66.0	11.7
	20	26.8	4.33	33.4	5.42	42.3	7.02	46.7	7.85	51.1	8.73	59.8	11.0	65.1	12.3
	21	26.8	4.37	33.4	5.47	42.3	7.09	46.7	7.97	51.1	9.04	59.8	11.4	64.7	12.6
	23	26.8	4.45	33.4	5.58	42.3	7.45	46.7	8.53	51.1	9.68	59.8	12.2	63.8	13.2
	25	26.8	4.53	33.4	5.85	42.3	7.96	46.7	9.12	51.1	10.4	59.8	13.1	62.8	13.7
	27	26.8	4.79	33.4	6.23	42.3	8.49	46.7	9.73	51.1	11.1	59.8	14.0	61.9	14.3
	29	26.8	5.09	33.4	6.63	42.3	9.05	46.7	10.4	51.1	11.8	59.4	14.8	61.0	14.9
	31	26.8	5.40	33.4	7.05	42.3	9.64	46.7	11.1	51.1	12.6	58.5	15.3	60.1	15.5
	33	26.8	5.72	33.4	7.48	42.3	10.3	46.7	11.8	51.1	13.4	57.6	15.9	59.2	16.1
	35	26.8	6.06	33.4	7.95	42.3	10.9	46.7	12.6	51.1	14.3	56.7	16.5	58.3	16.7
	37	26.8	6.41	33.4	8.43	42.3	11.6	46.7	13.4	51.1	15.3	55.8	17.1	57.4	17.3
	39	26.8	6.79	33.4	8.94	42.3	12.3	46.7	14.2	51.1	16.2	54.9	17.7	56.5	17.8
100% (500)	10	24.4	3.66	30.4	4.52	38.5	5.77	42.5	6.42	46.5	7.10	54.4	8.49	62.0	9.88
	12	24.4	3.72	30.4	4.59	38.5	5.87	42.5	6.54	46.5	7.23	54.4	8.65	62.0	10.1
	14	24.4	3.77	30.4	4.66	38.5	5.98	42.5	6.66	46.5	7.36	54.4	8.81	62.0	10.3
	16	24.4	3.83	30.4	4.74	38.5	6.08	42.5	6.78	46.5	7.50	54.4	8.99	62.0	10.5
	18	24.4	3.89	30.4	4.83	38.5	6.20	42.5	6.91	46.5	7.65	54.4	9.16	62.0	10.8
	20	24.4	3.96	30.4	4.91	38.5	6.32	42.5	7.05	46.5	7.80	54.4	9.54	62.0	11.6
	21	24.4	3.99	30.4	4.96	38.5	6.38	42.5	7.12	46.5	7.91	54.4	9.88	62.0	12.0
	23	24.4	4.06	30.4	5.05	38.5	6.57	42.5	7.49	46.5	8.47	54.4	10.6	62.0	12.9
	25	24.4	4.13	30.4	5.21	38.5	7.01	42.5	7.99	46.5	9.05	54.4	11.3	61.7	13.7
	27	24.4	4.31	30.4	5.55	38.5	7.47	42.5	8.53	46.5	9.66	54.4	12.1	60.8	14.2
	29	24.4	4.57	30.4	5.89	38.5	7.96	42.5	9.09	46.5	10.3	54.4	12.9	59.9	14.8
	31	24.4	4.85	30.4	6.26	38.5	8.47	42.5	9.69	46.5	11.0	54.4	13.8	58.9	15.4
	33	24.4	5.13	30.4	6.64	38.5	9.01	42.5	10.3	46.5	11.7	54.4	14.7	58.0	16.0
	35	24.4	5.43	30.4	7.04	38.5	9.58	42.5	11.0	46.5	12.5	54.4	15.7	57.1	16.5
	37	24.4	5.74	30.4	7.47	38.5	10.2	42.5	11.7	46.5	13.3	54.4	16.7	56.2	17.1
	39	24.4	6.07	30.4	7.91	38.5	10.8	42.5	12.4	46.5	14.1	53.9	17.5	55.3	17.7
90% (450)	10	21.9	3.34	27.3	4.08	34.6	5.16	38.2	5.73	41.8	6.31	48.9	7.53	55.8	8.75
	12	21.9	3.39	27.3	4.14	34.6	5.25	38.2	5.83	41.8	6.43	48.9	7.67	55.8	8.91
	14	21.9	3.43	27.3	4.20	34.6	5.34	38.2	5.93	41.8	6.55	48.9	7.81	55.8	9.08
	16	21.9	3.49	27.3	4.27	34.6	5.43	38.2	6.04	41.8	6.67	48.9	7.96	55.8	9.26
	18	21.9	3.54	27.3	4.34	34.6	5.53	38.2	6.15	41.8	6.79	48.9	8.12	55.8	9.44
	20	21.9	3.59	27.3	4.42	34.6	5.64	38.2	6.27	41.8	6.93	48.9	8.28	55.8	9.91
	21	21.9	3.62	27.3	4.46	34.6	5.69	38.2	6.33	41.8	6.99	48.9	8.50	55.8	10.3
	23	21.9	3.68	27.3	4.54	34.6	5.80	38.2	6.51	41.8	7.33	48.9	9.10	55.8	11.0
	25	21.9	3.74	27.3	4.62	34.6	6.13	38.2	6.95	41.8	7.83	48.9	9.73	55.8	11.8
	27	21.9	3.86	27.3	4.90	34.6	6.52	38.2	7.41	41.8	8.35	48.9	10.4	55.8	12.6
	29	21.9	4.09	27.3	5.21	34.6	6.94	38.2	7.89	41.8	8.90	48.9	11.1	55.8	13.5
	31	21.9	4.33	27.3	5.52	34.6	7.38	38.2	8.40	41.8	9.48	48.9	11.8	55.8	14.4
	33	21.9	4.58	27.3	5.85	34.6	7.84	38.2	8.93	41.8	10.1	48.9	12.6	55.8	15.3
	35	21.9	4.84	27.3	6.20	34.6	8.33	38.2	9.49	41.8	10.7	48.9	13.4	55.8	16.3
	37	21.9	5.11	27.3	6.57	34.6	8.84	38.2	10.1	41.8	11.4	48.9	14.3	55.1	17.0
	39	21.9	5.40	27.3	6.95	34.6	9.38	38.2	10.7	41.8	12.1	48.9	15.2	54.1	17.6

Combination (%) (Capacity index)	Outdoor air temp.	Indoor air temp. (°CWB) 14.0 TC	14.0 PI	16.0 TC	16.0 PI	18.0 TC	18.0 PI	19.0 TC	19.0 PI	20.0 TC	20.0 PI	22.0 TC	22.0 PI	24.0 TC	24.0 PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80% (400)	10	19.5	3.03	24.3	3.66	30.8	4.58	34.0	5.06	37.2	5.56	43.5	6.60	49.6	7.64
	12	19.5	3.07	24.3	3.71	30.8	4.65	34.0	5.14	37.2	5.66	43.5	6.71	49.6	7.79
	14	19.5	3.11	24.3	3.76	30.8	4.73	34.0	5.23	37.2	5.76	43.5	6.84	49.6	7.93
	16	19.5	3.15	24.3	3.82	30.8	4.81	34.0	5.33	37.2	5.86	43.5	6.97	49.6	8.09
	18	19.5	3.20	24.3	3.88	30.8	4.89	34.0	5.42	37.2	5.97	43.5	7.10	49.6	8.24
	20	19.5	3.24	24.3	3.95	30.8	4.98	34.0	5.52	37.2	6.08	43.5	7.24	49.6	8.41
	21	19.5	3.27	24.3	3.98	30.8	5.03	34.0	5.57	37.2	6.14	43.5	7.31	49.6	8.67
	23	19.5	3.32	24.3	4.05	30.8	5.12	34.0	5.68	37.2	6.28	43.5	7.73	49.6	9.28
	25	19.5	3.37	24.3	4.12	30.8	5.30	34.0	5.98	37.2	6.70	43.5	8.26	49.6	9.92
	27	19.5	3.43	24.3	4.30	30.8	5.64	34.0	6.37	37.2	7.14	43.5	8.82	49.6	10.6
	29	19.5	3.63	24.3	4.56	30.8	5.99	34.0	6.77	37.2	7.61	43.5	9.40	49.6	11.3
	31	19.5	3.84	24.3	4.83	30.8	6.37	34.0	7.20	37.2	8.09	43.5	10.0	49.6	12.1
	33	19.5	4.06	24.3	5.12	30.8	6.76	34.0	7.65	37.2	8.60	43.5	10.7	49.6	12.9
	35	19.5	4.28	24.3	5.41	30.8	7.17	34.0	8.12	37.2	9.14	43.5	11.3	49.6	13.7
	37	19.5	4.52	24.3	5.73	30.8	7.60	34.0	8.62	37.2	9.71	43.5	12.1	49.6	14.6
	39	19.5	4.76	24.3	6.05	30.8	8.05	34.0	9.14	37.2	10.3	43.5	12.8	49.6	15.5
70% (350)	10	17.1	2.73	21.3	3.25	26.9	4.02	29.7	4.42	32.5	4.84	38.1	5.70	43.4	6.58
	12	17.1	2.76	21.3	3.30	26.9	4.08	29.7	4.49	32.5	4.92	38.1	5.80	43.4	6.70
	14	17.1	2.80	21.3	3.34	26.9	4.15	29.7	4.57	32.5	5.00	38.1	5.90	43.4	6.82
	16	17.1	2.83	21.3	3.39	26.9	4.21	29.7	4.64	32.5	5.09	38.1	6.01	43.4	6.95
	18	17.1	2.87	21.3	3.44	26.9	4.28	29.7	4.72	32.5	5.18	38.1	6.12	43.4	7.08
	20	17.1	2.91	21.3	3.50	26.9	4.36	29.7	4.81	32.5	5.27	38.1	6.24	43.4	7.22
	21	17.1	2.93	21.3	3.52	26.9	4.39	29.7	4.85	32.5	5.32	38.1	6.30	43.4	7.29
	23	17.1	2.97	21.3	3.58	26.9	4.47	29.7	4.94	32.5	5.42	38.1	6.48	43.4	7.71
	25	17.1	3.01	21.3	3.64	26.9	4.55	29.7	5.09	32.5	5.67	38.1	6.91	43.4	8.24
	27	17.1	3.06	21.3	3.74	26.9	4.82	29.7	5.41	32.5	6.03	38.1	7.37	43.4	8.79
	29	17.1	3.21	21.3	3.96	26.9	5.12	29.7	5.75	32.5	6.41	38.1	7.85	43.4	9.37
	31	17.1	3.38	21.3	4.19	26.9	5.43	29.7	6.10	32.5	6.81	38.1	8.35	43.4	9.98
	33	17.1	3.57	21.3	4.43	26.9	5.76	29.7	6.47	32.5	7.24	38.1	8.88	43.4	10.6
	35	17.1	3.76	21.3	4.68	26.9	6.10	29.7	6.86	32.5	7.68	38.1	9.44	43.4	11.3
	37	17.1	3.96	21.3	4.95	26.9	6.45	29.7	7.27	32.5	8.15	38.1	10.0	43.4	12.0
	39	17.1	4.18	21.3	5.22	26.9	6.83	29.7	7.71	32.5	8.64	38.1	10.7	43.4	12.8
60% (300)	10	14.6	2.45	18.2	2.87	23.1	3.49	25.5	3.82	27.9	4.15	32.6	4.85	37.2	5.56
	12	14.6	2.48	18.2	2.91	23.1	3.54	25.5	3.88	27.9	4.22	32.6	4.93	37.2	5.66
	14	14.6	2.50	18.2	2.95	23.1	3.60	25.5	3.93	27.9	4.29	32.6	5.02	37.2	5.76
	16	14.6	2.53	18.2	2.99	23.1	3.65	25.5	4.00	27.9	4.36	32.6	5.10	37.2	5.87
	18	14.6	2.56	18.2	3.03	23.1	3.71	25.5	4.06	27.9	4.43	32.6	5.20	37.2	5.97
	20	14.6	2.59	18.2	3.07	23.1	3.77	25.5	4.13	27.9	4.51	32.6	5.29	37.2	6.09
	21	14.6	2.61	18.2	3.09	23.1	3.80	25.5	4.16	27.9	4.55	32.6	5.34	37.2	6.15
	23	14.6	2.64	18.2	3.14	23.1	3.86	25.5	4.23	27.9	4.63	32.6	5.44	37.2	6.29
	25	14.6	2.68	18.2	3.18	23.1	3.92	25.5	4.31	27.9	4.72	32.6	5.69	37.2	6.71
	27	14.6	2.72	18.2	3.23	23.1	4.07	25.5	4.53	27.9	5.02	32.6	6.05	37.2	7.15
	29	14.6	2.81	18.2	3.41	23.1	4.32	25.5	4.81	27.9	5.33	32.6	6.44	37.2	7.61
	31	14.6	2.96	18.2	3.60	23.1	4.57	25.5	5.10	27.9	5.65	32.6	6.84	37.2	8.10
	33	14.6	3.12	18.2	3.80	23.1	4.84	25.5	5.40	27.9	5.99	32.6	7.26	37.2	8.61
	35	14.6	3.28	18.2	4.01	23.1	5.12	25.5	5.71	27.9	6.35	32.6	7.71	37.2	9.15
	37	14.6	3.45	18.2	4.23	23.1	5.41	25.5	6.05	27.9	6.73	32.6	8.18	37.2	9.72
	39	14.6	3.63	18.2	4.45	23.1	5.72	25.5	6.40	27.9	7.12	32.6	8.67	37.2	10.3
50% (250)	10	12.2	2.18	15.2	2.51	19.2	3.00	21.2	3.25	23.2	3.51	27.2	4.06	31.0	4.61
	12	12.2	2.20	15.2	2.54	19.2	3.04	21.2	3.30	23.2	3.56	27.2	4.12	31.0	4.69
	14	12.2	2.22	15.2	2.57	19.2	3.08	21.2	3.34	23.2	3.62	27.2	4.18	31.0	4.76
	16	12.2	2.25	15.2	2.60	19.2	3.12	21.2	3.39	23.2	3.67	27.2	4.25	31.0	4.84
	18	12.2	2.27	15.2	2.63	19.2	3.16	21.2	3.44	23.2	3.73	27.2	4.32	31.0	4.93
	20	12.2	2.29	15.2	2.67	19.2	3.21	21.2	3.49	23.2	3.79	27.2	4.40	31.0	5.02
	21	12.2	2.31	15.2	2.68	19.2	3.23	21.2	3.52	23.2	3.82	27.2	4.43	31.0	5.06
	23	12.2	2.33	15.2	2.72	19.2	3.28	21.2	3.58	23.2	3.88	27.2	4.51	31.0	5.16
	25	12.2	2.36	15.2	2.76	19.2	3.33	21.2	3.63	23.2	3.95	27.2	4.59	31.0	5.35
	27	12.2	2.39	15.2	2.79	19.2	3.39	21.2	3.74	23.2	4.10	27.2	4.87	31.0	5.69
	29	12.2	2.44	15.2	2.90	19.2	3.59	21.2	3.96	23.2	4.35	27.2	5.17	31.0	6.05
	31	12.2	2.57	15.2	3.06	19.2	3.79	21.2	4.19	23.2	4.60	27.2	5.49	31.0	6.42
	33	12.2	2.70	15.2	3.22	19.2	4.01	21.2	4.43	23.2	4.87	27.2	5.82	31.0	6.82
	35	12.2	2.83	15.2	3.39	19.2	4.23	21.2	4.68	23.2	5.15	27.2	6.16	31.0	7.23
	37	12.2	2.98	15.2	3.57	19.2	4.46	21.2	4.94	23.2	5.45	27.2	6.53	31.0	7.67
	39	12.2	3.12	15.2	3.75	19.2	4.70	21.2	5.21	23.2	5.75	27.2	6.91	31.0	8.13

TC: Total capacity: kW

PI: Power input: kW (Compressor+Outdoor fan motor)

Notes: 1. This table shows the average value of conditions which may occur.

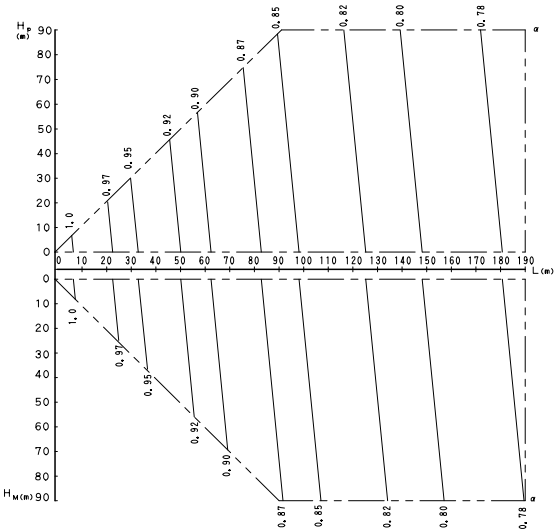
2. This table indicates the situation of 50~130% combination of indoor units.

3. ▭ shows rated condition.

9.4 Capacity Correction Factor

RXQ18TY1 / RXQ26TSY1 / RXQ28TSY1 / RXQ30TSY1 / RXQ38TSY1 / RXQ40TSY1 / RXQ42TSY1 / RXQ44TSY1

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ20T	φ28.6	φ15.9
RXQ32, 34T	φ34.9	φ19.1

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type					
Outer diameter	φ15.9	φ19.1	φ22.2	φ28.6	φ31.8	φ34.9	φ38.1
Minimum Wall Thickness	0.99	0.80	0.80	0.99	1.10	1.21	1.32

[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

Calculating A/C capacity of outdoor units

・Condition: Indoor unit combination ratio does not exceed 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
X Capacity change rate due to piping length to the farthest indoor unit

・Condition: Indoor unit combination ratio exceeds 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.

[Diameter of above case]

Model	gas	liquid
RXQ20T	φ31.8✱	φ19.1
RXQ32, 34T	φ38.1✱	φ22.2

✱ If available on the site, use this size. Otherwise, not increased.

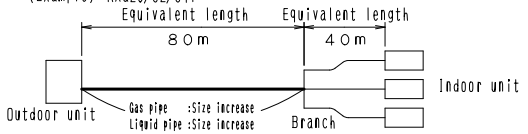
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

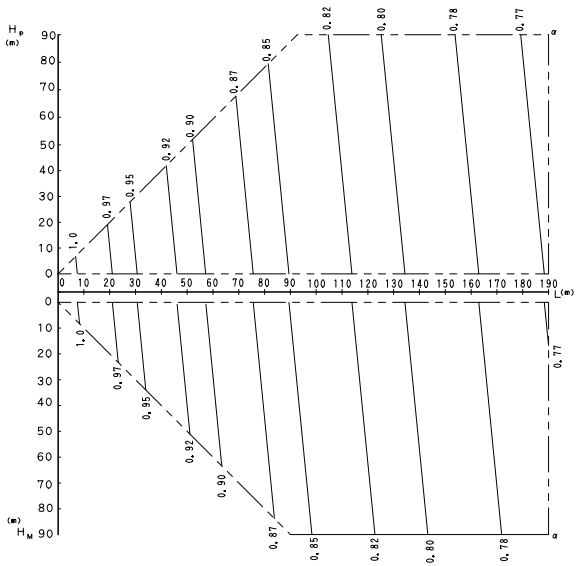
(Example) RXQ20/32/34T



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.87

3D085311A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ22T	φ28.6	φ15.9

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type		
Outer diameter	φ15.9	φ19.1	φ28.6	φ31.8
Minimum Wall Thickness	0.99	0.80	0.99	1.10

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ22T	φ31.8✽	φ19.1

✽ If available on the site, use this size. Otherwise, not increased.

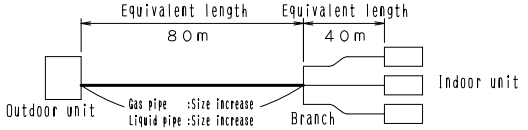
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

(Example) RXQ22T

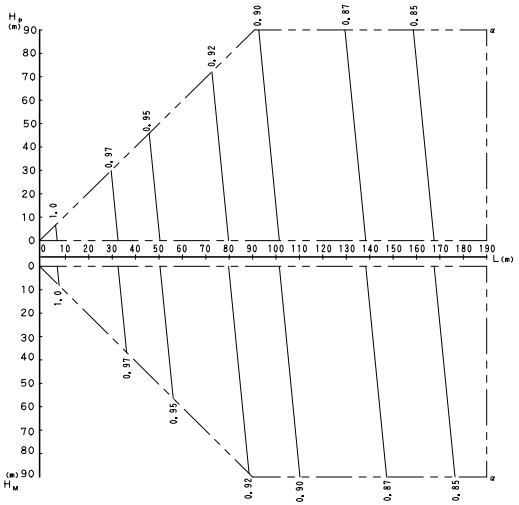


In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.86

3D085310A

1. Rate of change in cooling capacity



[Explanation of symbols]

Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position

HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position

L : Equivalent pipe length(m)

α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ12, 14T	φ 28.6	φ 12.7
RXQ24T	φ 34.9	φ 15.9
RXQ36T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type				
Outer diameter	φ12.7	φ15.9	φ19.1	φ22.2	φ28.6	φ34.9	φ41.3
Minimum Wall Thickness	0.80	0.99	0.80	0.80	0.99	1.21	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ12, 14T	Not Increased	φ 15.9
RXQ24T		φ 19.1
RXQ36T		φ 22.2

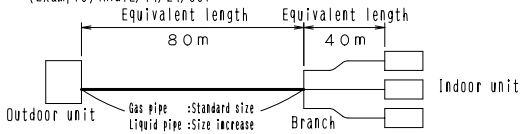
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor		
	Standard size	Size increase	
		12~14HP	24~36HP
Cooling (gas pipe)	1.0		

(Example) RXQ12/14/24/36T

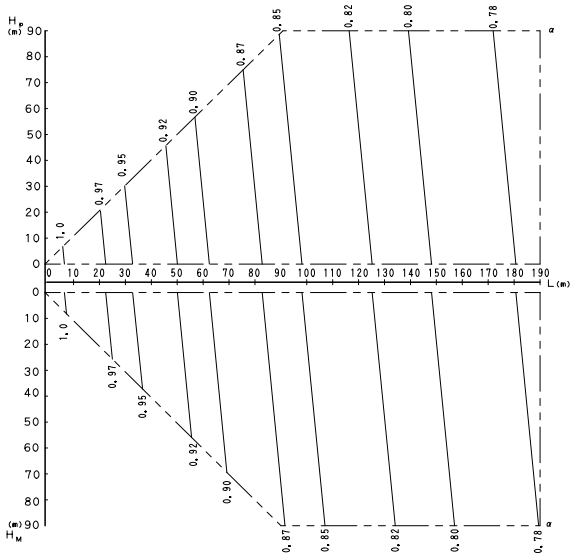


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.88

3D085303A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ46T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ46T	Not Increased	φ 22.2

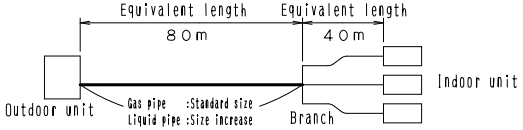
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

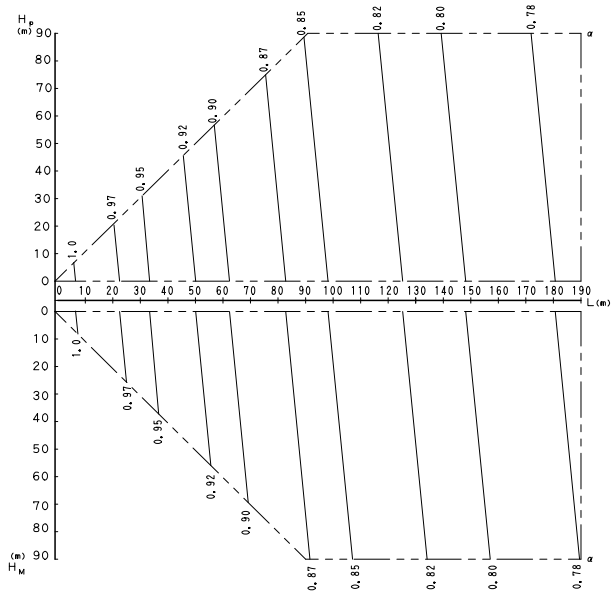
(Example) RXQ46T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

3D085313A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ48T	φ41.3	φ19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ48T	Not Increased	φ22.2

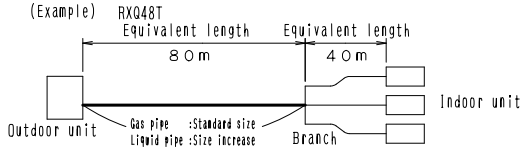
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

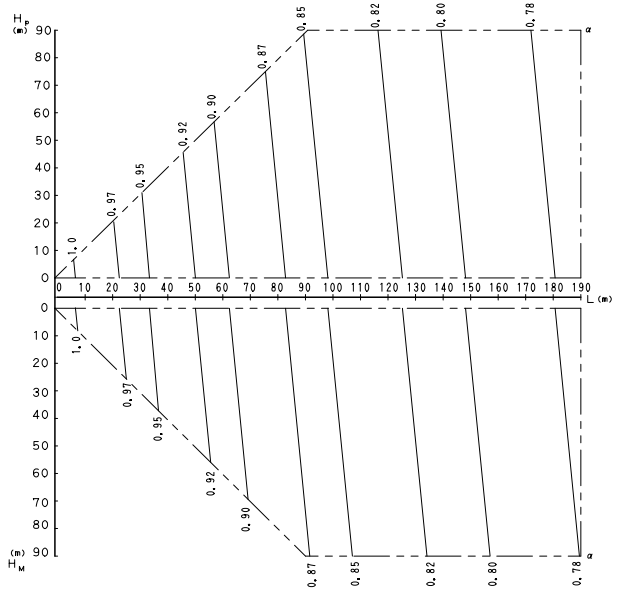
(Example) RXQ48T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

3D085314A

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rete of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ50T	φ41.3	φ19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   ・Condition: Indoor unit combination ratio does not exceed 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit
   ・Condition: Indoor unit combination ratio exceeds 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ50T	Not Increased	φ22.2

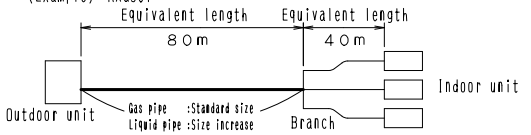
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

(Example) RXQ50T

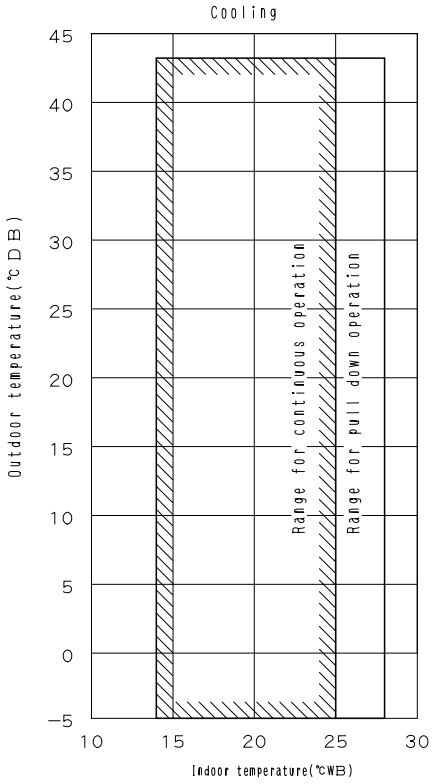


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

3D085318A

10. Operation Limits

RXQ18TY1 / RXQ20TY1 / RXQ22TSY1 / RXQ24TSY1 / RXQ26TSY1 / RXQ28TSY1 / RXQ30TSY1 / RXQ32TSY1 / RXQ34TSY1 / RXQ36TSY1 / RXQ38TSY1 / RXQ40TSY1 / RXQ42TSY1 / RXQ44TSY1 / RXQ46TSY1 / RXQ48TSY1 / RXQ50TSY1



3D084453

11. Sound Levels

11.1 Overall

dB(A)

Model	Sound pressure level 380-415V, 50Hz
RXQ18TY1	62
RXQ20TY1	65
RXQ22TSY1	61
RXQ24TSY1	62
RXQ26TSY1	63
RXQ28TSY1	63

dB(A)

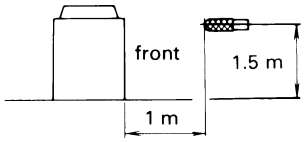
Model	Sound pressure level 380-415V, 50Hz
RXQ30TSY1	64
RXQ32TSY1	66
RXQ34TSY1	65
RXQ36TSY1	65
RXQ38TSY1	67
RXQ40TSY1	68

dB(A)

Model	Sound pressure level 380-415V, 50Hz
RXQ42TSY1	65
RXQ44TSY1	67
RXQ46TSY1	66
RXQ48TSY1	66
RXQ50TSY1	67

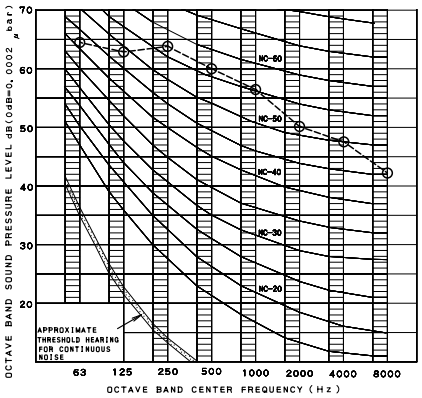
Note:
Sound pressure level:
Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Location of microphone



11.2 Octave Band Level

RXQ18TY1



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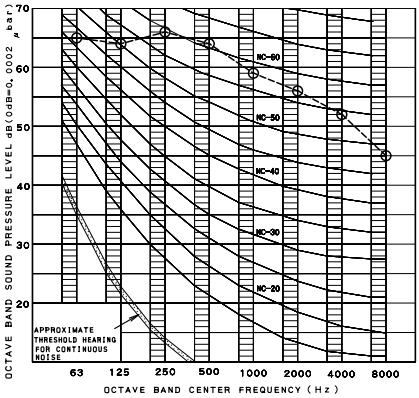
RXQ20TY1



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12. Accessories

12.1 Optional Accessories

Optional accessories		RXQ18TY1(E) RXQ20TY1(E)
Distributive Piping	Refnet header	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T

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Optional accessories		RXQ22TSY1(E)	RXQ24TSY1(E)	RXQ26TSY1(E) RXQ28TSY1(E) RXQ30TSY1(E) RXQ32TSY1(E)	RXQ34TSY1(E) RXQ36TSY1(E) RXQ38TSY1(E) RXQ40TSY1(E)
Distributive Piping	Refnet header	KHRP26M22H (Max. 4 branch), KHRP26M33H (Max. 8 branch), KHRP26M72H (Max. 8 branch)	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)		
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T		
Pipe size reducer		—	KHRP26M73TP, KHRP26M73HP		
Outdoor unit multi connection piping kit		BHFP22P100			

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Optional accessories		RXQ42TSY1(E) RXQ44TSY1(E)	RXQ46TSY1(E) RXQ48TSY1(E) RXQ50TSY1(E)
Distributive Piping	Refnet header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)	
	Refnet joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T	
Pipe size reducer		KHRP26M73TP, KHRP26M73HP	
Outdoor unit multi connection piping kit		BHFP22P151	

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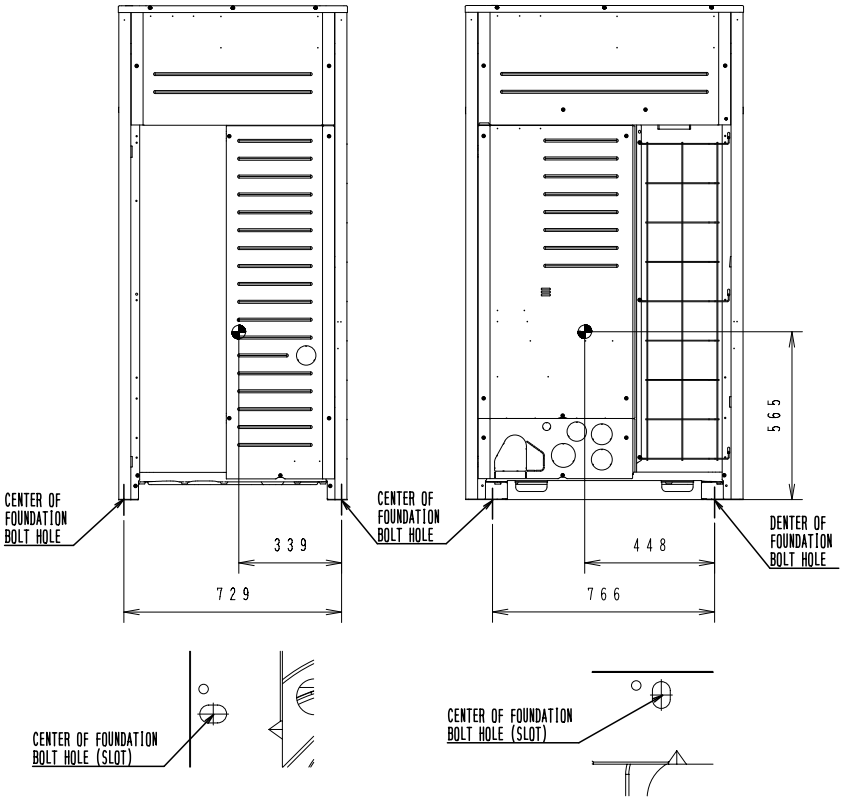
1. Centre of Gravity

RXQ6TY1 / RXQ8TY1 / RXQ10TY1 / RXQ12TY1

Unit (mm)



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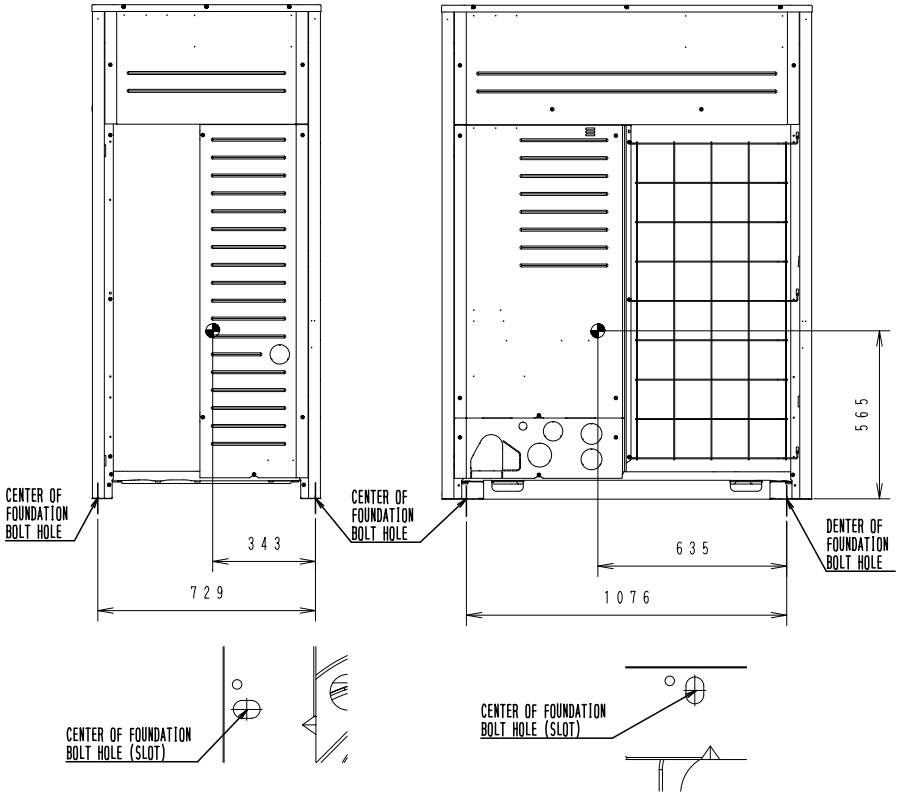
RXQ14TY1 / RXQ16TY1 / RXQ18TY1 / RXQ20TY1

Unit (mm)



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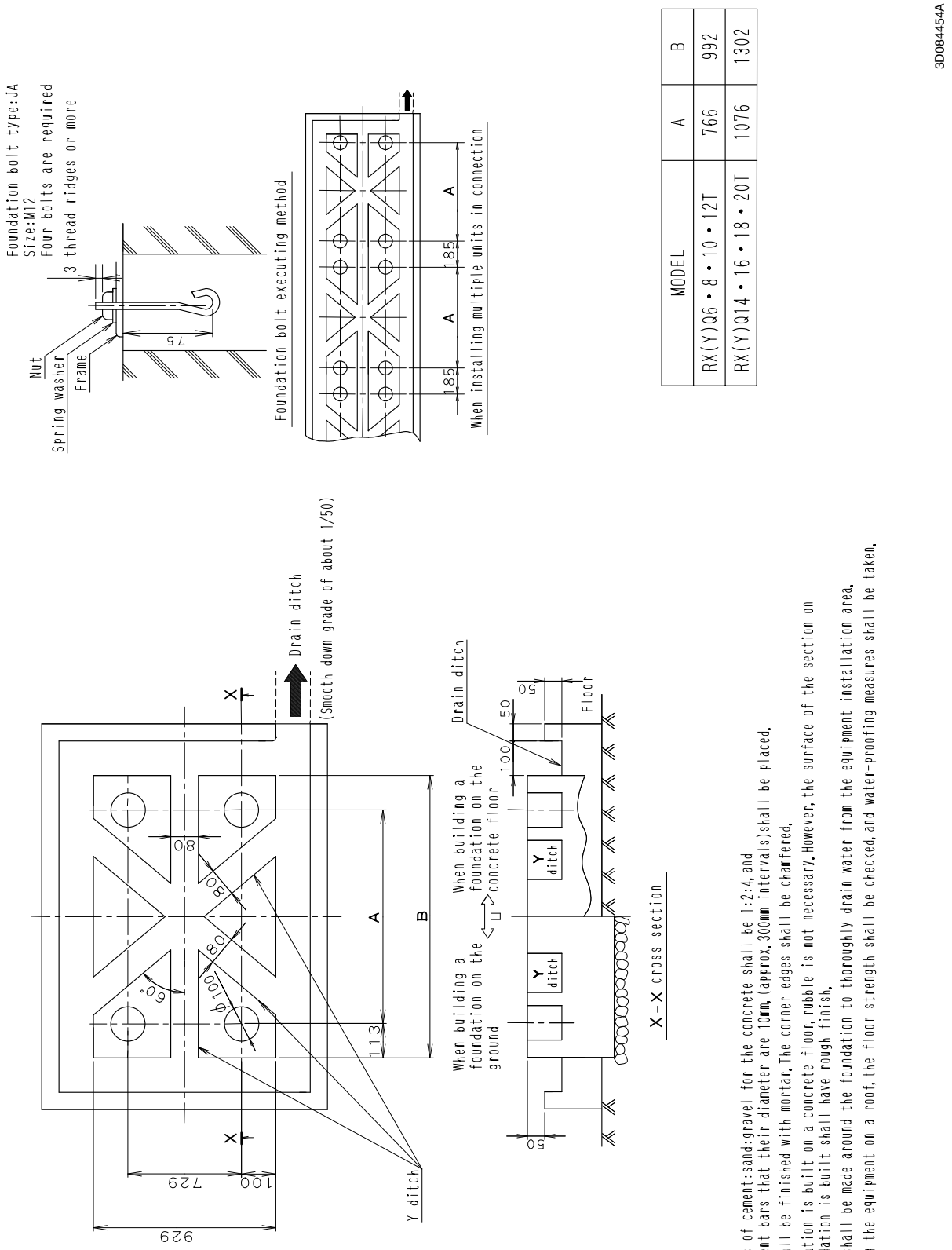
2. Foundation of Units

RXQ6TY1 / RXQ8TY1 / RXQ10TY1 / RXQ12TY1 / RXQ14TY1 / RXQ16TY1 / RXQ18TY1 / RXQ20TY1

Unit (mm)



(Notes)
1. The proportions of cement:sand:gravel for the concrete shall be 1:2:4, and the reinforcement bars that their diameter are 10mm, (approx. 300mm intervals) shall be placed.
2. The surface shall be finished with mortar. The corner edges shall be chamfered.
3. When the foundation is built on a concrete floor, rubble is not necessary. However, the surface of the section on which the foundation is built shall have rough finish.
4. A drain ditch shall be made around the foundation to thoroughly drain water from the equipment installation area.
5. When installing the equipment on a roof, the floor strength shall be checked, and water-proofing measures shall be taken.

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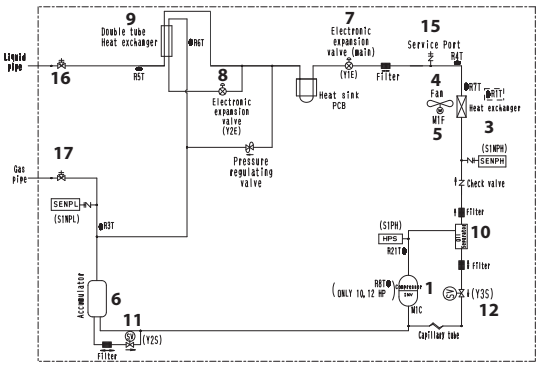
3. Installation Manual

3.1 RXQ-TY1



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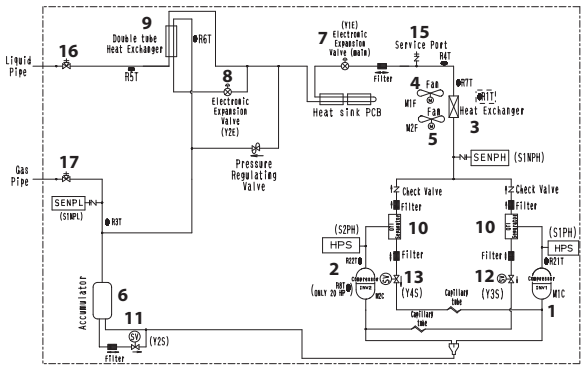

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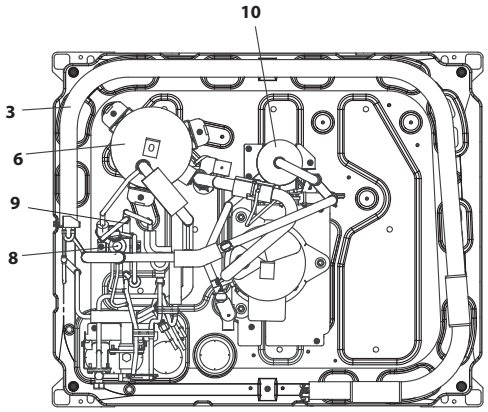

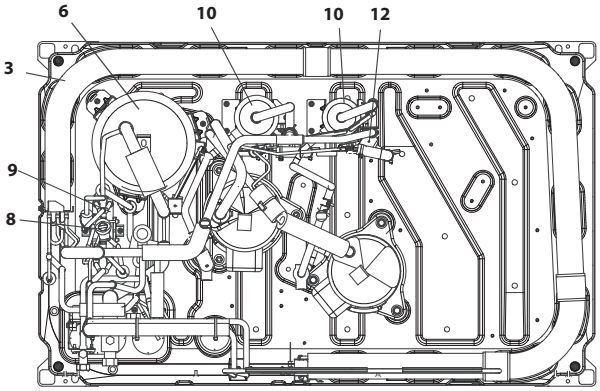

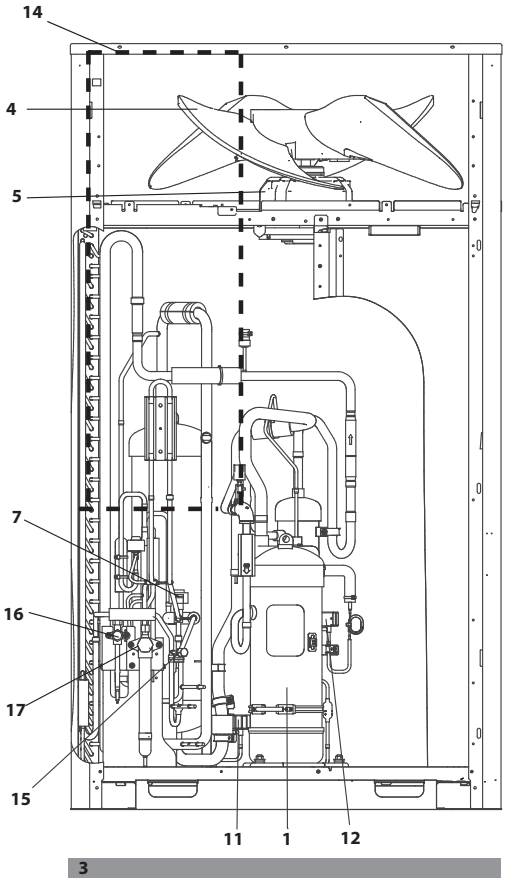

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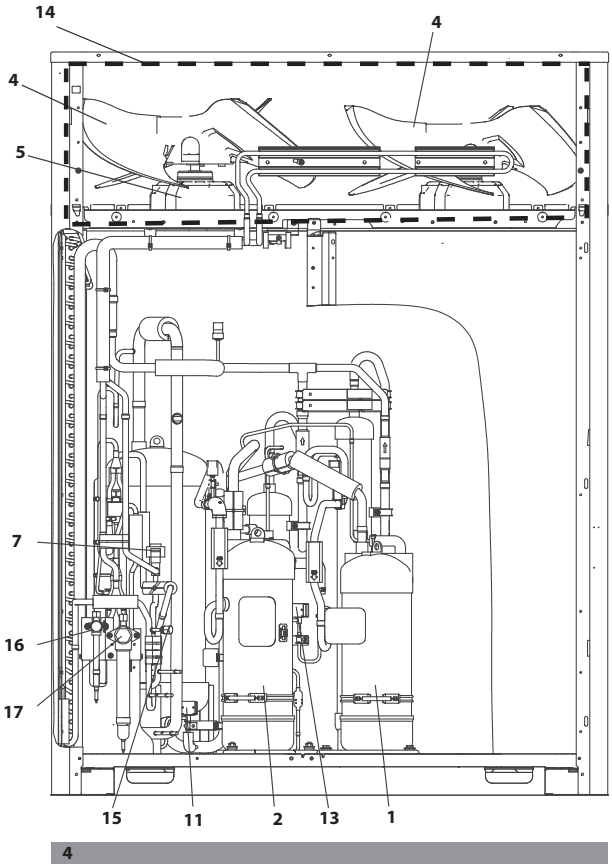

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Installation manual

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Thank you for purchasing this Daikin VRV IV system.

The original instructions are written in English. All other languages are translations of the original instructions.

CAREFULLY READ THESE INSTRUCTIONS BEFORE INSTALLATION. THEY WILL TELL YOU HOW TO INSTALL AND HOW TO CONFIGURE THE UNIT PROPERLY. KEEP THIS MANUAL IN A HANDY PLACE FOR FUTURE REFERENCE.

1. Definitions

1.1 Meaning of warnings and symbols

Warnings in this manual are classified according to their severity and probability of occurrence.

DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTICE

Indicates situations that may result in equipment or property-damage accidents only.

INFORMATION

This symbol identifies useful tips or additional information.

Some types of danger are represented by special symbols:

Electric current.

Danger of burning and scalding.

1.2 Meaning of used terms

Installation manual:

Instruction manual specified for a certain product or application, explaining how to install, configure and maintain it.

Operation manual:

Instruction manual specified for a certain product or application, explaining how to operate it.

Maintenance instructions:

Instruction manual specified for a certain product or application, which explains (if relevant) how to install, configure, operate and/or maintain the product or application.

Dealer:

Sales distributor for products as per the subject of this manual.

Installer:

Technical skilled person who is qualified to install products as per the subject of this manual.

User:

Person who is owner of the product and/or operates the product.

Service company:

Qualified company which can perform or coordinate the required service to the unit.

Applicable legislation:

All international, European, national and local directives, laws, regulations and/or codes which are relevant and applicable for a certain product or domain.

Accessories:

Equipment which is delivered with the unit and which needs to be installed according to instructions in the documentation.

Optional equipment:

Equipment which can optionally be combined to the products as per the subject of this manual.

Field supply:

Equipment which needs to be installed according to instructions in this manual, but which are not supplied by Daikin.

2. General safety precautions

The precautions listed here are divided into the following four types. They all cover very important topics, so be sure to follow them carefully.

DANGER: ELECTRICAL SHOCK

Switch off all power supply before removing the electrical component box service panel or before making any connections or touching electrical parts.

Do not touch any switch with wet fingers. Touching a switch with wet fingers can cause electrical shock. Before touching electrical parts, turn off all applicable power supply.

To avoid electric shock, be sure to disconnect the power supply 1 minute or more before servicing the electrical parts. Even after 1 minute, always measure the voltage at the terminals of the main terminal, main circuit capacitors or electrical parts and, before touching, be sure that those voltages are 50 V DC or less.

When service panels are removed, live parts can easily be touched by accident. Never leave the unit unattended during installation or servicing when the service panel is removed.

DANGER: DO NOT TOUCH PIPING AND INTERNAL PARTS

Do not touch the refrigerant piping, water piping or internal parts during and immediately after operation. The piping and internal parts may be hot or cold depending on the working condition of the unit.

Your hand may suffer burns or frostbite if you touch the piping or internal parts. To avoid injury, give the piping and internal parts time to return to normal temperature or, if you must touch them, be sure to wear protective gloves.

Also, at least, following information shall be provided at an accessible place of the system:

- Instructions for shutting down the system in case of an emergency.
- Name and address of fire department, police and hospital.
- Name, address and day and night telephone numbers for obtaining service.

FIRST OF ALL

- This document is an installation manual for the Daikin RXQ Series VRV Inverter. Before installing the unit, read this manual thoroughly, and following the instructions contained in it. After installation, do a test run to make sure the unit runs properly, and then explain how to operate and take care of the unit to the customer, using the operation manual.
- Lastly, make sure the customer keeps this manual, along with theoperation manual, in a safe place.
  This manual does not describe how to install the indoor unit.
- Refer to the installation manual included with the indoor unit for that.

2.1 Safety precautions

Please read these “Safety precautions” carefully before installing air conditioning unit and be sure to install it correctly.

After completing the installation, make sure that the unit operates properly during the start-up operation.

Also, inform customers that they should store this installation manual along with the operation manual for future reference.
After completing installation, conduct a trial operation to check for faults and explain to the customer how to operate the air conditioner and take care of it with the aid of operation manual. Ask the customer to store the installation manual along with the operation manual for future reference.

This air conditioner comes under the term “appliances not accessible to the general public”.
Please instruct the customer on how to operate the unit and keep it maintained.
Meaning of WARNING and CAUTION notices

WARNING.....Failure to follow these instructions properly may result in personal injury or loss of life.

CAUTION.....Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

⚠ WARNING

- Ask your dealer or qualifies personnel to carry out installation work. Do not attempt to install the air conditioner yourself. Improper installation may result in water leakage, electric shocks or fire.
- Consult your local regarding what to do in case of refrigerant leakage, when the air conditioner is to be installed in a small room, it is necessary to take proper measures so that the amount of any leaked refrigerant does not exceed the concentration limit in the event of leakage. Otherwise, this may lead to an accident due to oxygen depletion.
- Install the air conditioner in accordance with the instructions in this installation manual.
  Improper installation may result in water leakage, electric shocks or fire.
- When installing the unit in a small room, take measures against to keep refrigerant concentration from exceeding allowable safety limits in the event of refrigerant leakage.
  Contact the place of purchase for more information. Excessive refrigerant in a closed ambient can lead to oxygen deficiency.
- Be sure to use only the specified accessories and parts for installation work.
  Failure to use the specified parts may result in the unit falling, water leakage, electric shocks or fire.
- Install the air conditioner on a foundation strong enough to withstand the weight of the unit.
  A foundation of insufficient strength may result in the equipment falling and causing injury.
- Carry out the specified installation work after taking into account strong winds, typhoons or earthquakes.
  Failure to do so during installation work may result in the unit falling and causing accidents.
- Make sure that a separate power supply circuit is provided for this unit and that all electrical work is carried out by qualified personnel according to local laws and regulations and this installation manual.
  An insufficient power supply capacity or improper electrical construction may lead to electric shocks or fire.
- Make sure that all wiring is secured, the specified wires are used, and that there is no strain on the terminal connections or wires.
  Improper connections or securing of wires may result in abnormal heat build-up pr fire.
- When wiring the power supply and connecting the ermote controller wiring and transmission wiring, position the wires so that the EL.COMPO.BOX lid can be securely fastened.
  Improper positioning of the EL.COMPO.BOX lid may result in electric shocks, fire or the terminals overheating.
- If refrigerant gas leaks during installation, ventilate the area immediately.
  Toxic gas may be produced if the refrigerant comes into contact with fire.
- After completing installation, check for refrigerant gas leakage.
  Toxic gas may be produced if the refrigerant gas leaks into the room and comes into contact with a source of fire, such as a fan heater, stove or cooler.
- Do not directly touch refrigerant that has leaked from refrigerant pipes or other areas, as there is a danger of frostbite.
- Be sure to switch off the unit before touching any electrical parts.
- Do not allow children to climb on the outdoor unit and avoid placing objects on the unit.
  Injury may result if the unit becomes loose and falls.
- Be sure to earth the air conditioner.
  Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead.
  Imperfect earthing may result in electric shocks or fire.
  A high surge current from lightning or other sources may cause damage to the air conditioner.
- Be sure to install an earth leakage breaker.
  Failure to install an earth leakage breaker may result in electric shocks or fire.

⚠ CAUTION

- While following the instructions in this installation manual, install drain piping to ensure proper drainage and insulate piping to prevent condensation.
  Improper drain piping may result in indoor water leakage and property damage.
- Install the indoor and outdoor units, power cord and connecting wires at least 1 meter away from televisions or radios to prevent picture interference and noise.
  (Depending on the incoming signal strength, a distance of 1 meter may not be sufficient to eliminate noise.)
- Remote controller (wireless kit) transmitting distance can be shorter than expected in rooms with electronic fluorescent lamps (inverter or rapid start types).
  Install the indoor unit as far away from fluorescent lamps as possible.
- Make sure to provide for adequate measures in order to prevent that the outdoor unit be used as a shelter by samll animals.
  Small animals making contact with electrical parts can cause malfunctions, smoke or fire. Please instruct the customer to keep the area around the unit clean.
- Install in a machine room that is free of moisture.
  The unit is designed for indoor use.
- Do not install the air conditioner in the following locations:
  1. Where there is a high concentration of mineral oil spray or vapour (e.g. a kitchen).
     Please pasts will deteriorate, parts may fall off and water leakage could result.
  2. Where corrosive gas, such as sulphurous acid gas, is produced.
     Corroding of copper pipes or soldered parts may result in refrigerant leakage.
  3. Near machinery emitting electromagnetic radiation.
     Electromagnetic radiation may disturb the operation of the control system and result in a malfunction of the unit.
  4. Where flammable gas may leak, where there is carbon fibre or ignitable dust suspensions in the air, or where volatile flammables such as paint thinner or gasoline are handled.
     Operating the unit in such conditions may result in fire.
- In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

2.2 Special notice of product

[REFRIGERANT]
VRV-IV System use R410A refrigerant.

- The refrigerant R410A requires that strict precautions be observed for keeping the system clean, dry and tightly sealed. Read the chapter “REFRIGERANT PIPING” carefully and follow these procedures correctly.
  A. Clean and dry
     Strict measures must be taken to keep impurities (including SUNISO oil and other mineral oils as well as moisture) out of the system.
  B. Tight sealed
     Take care to keep the system tight when installing.
     R410A contains no chlorine, does not destroy the ozone layer and so does not reduce the earth’s protection against harmful ultraviolet radiation.
     R410A will contribute only slightly to the greenhouse effect if released into the atmosphere.

[DESIGN PRESSURE]

Since design pressure is 4.0 MPa or 40 bar (for R407C units : 3.3 MPa or 33 bar) the thickness of pipes must be greater than previously. Since R410A is a mixed refrigerant, the required additional refrigerant must be charged in its liquid state. (If the system is charged with refrigerant in its gaseous state, due to compositions change, the system will not function normally). The indoor units is designed for R410A use. See the catalogue for indoor unit models that can be connected. (Normal operation is not possible when connecting units that are originally designed for other refrigerants)

2.3 Disposal requirements

Dismantling of the unit, treatment of the refrigerant, of oil and of other parts must be done in accordance with relevant local and national legislation.

3. Introduction

3.1 General information

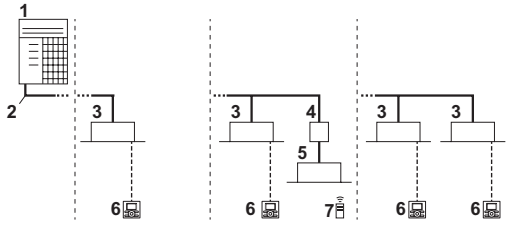
This installation manual concerns the VRV IV, full inverter driven, cooling only system.

Depending on the type of outdoor unit which is chosen, some functionality will or will not exist. It will be indicated throughout this installation manual and brought to your attention. Certain features have exclusive model rights.

These units are intended for outdoor installation and aimed for cooling only applications including air to air applications.

These units have (in single use) cooling capacities rating from 16 to 56 kW. In multi combination cooling on go up till 168 kW.

The outdoor unit is designed to work in cooling mode at ambient temperatures from –5°C to 43°C.



1 VRV IV Cooling only outdoor unit
2 Refrigerant piping
3 VRV indoor unit
4 BP box (required to connect Residential Air (RA) indoor units)
5 Residential Air (RA) indoor units
6 User interface (dedicated depending on indoor unit type)
7 User interface (wireless, dedicated depending on indoor unit type)

3.2. Combination

3.2.1 Standard Type

The indoor units can be installed in the following range.

(Outdoor unit)	(Total capacity of indoor units *1)	(Total quantity of indoor units)
RXQ6T	75 ~ 195 (300)	9 (15) units
RXQ8T	100 ~ 260 (400)	13 (20) units
RXQ10T	125 ~ 325 (500)	16 (25) units
RXQ12T	150 ~ 390 (600)	19 (30) units
RXQ14T	175 ~ 455 (700)	22 (35) units
RXQ16T	200 ~ 520 (800)	26 (40) units
RXQ18TN	225 ~ 585 (720)	29 (36) units
RXQ20TN	250 ~ 650 (800)	32 (40) units
RXQ22TN	275 ~ 715 (880)	35 (44) units
RXQ24TN	300 ~ 780 (960)	39 (48) units
RXQ26TN	325 ~ 845 (1,040)	42 (52) units
RXQ28TN	350 ~ 910 (1,120)	45 (56) units
RXQ30TN	375 ~ 975 (1,200)	48 (60) units
RXQ32TN	400 ~ 1,040 (1,280)	52 (64) units
RXQ34TN	425 ~ 1,105 (1,105)	55 (55) units
RXQ36TN	450 ~ 1,170 (1,170)	58 (58) units
RXQ38TN	475 ~ 1,235 (1,235)	61 (61) units
RXQ40TN	500 ~ 1,300 (1,300)	64 (64) units
RXQ42TN	525 ~ 1,365 (1,365)	64 (64) units
RXQ44TN	550 ~ 1,430 (1,430)	64 (64) units
RXQ46TN	575 ~ 1,495 (1,495)	64 (64) units
RXQ48TN	600 ~ 1,560 (1,560)	64 (64) units
RXQ50TN	625 ~ 1,625 (1,625)	64 (64) units
RXQ52TN	650 ~ 1,690 (1,690)	64 (64) units
RXQ54TN	675 ~ 1,755 (1,755)	64 (64) units
RXQ56TN	700 ~ 1,820 (1,820)	64 (64) units
RXQ58TN	725 ~ 1,885 (1,885)	64 (64) units
RXQ60TN	750 ~ 1,950 (1,950)	64 (64) units

<Combination unit>	<Independent unit>
RXQ6T	RXQ6T
RXQ8T	RXQ8T
RXQ10T	RXQ10T
RXQ12T	RXQ12T
RXQ14T	RXQ14T
RXQ16T	RXQ16T
RXQ18TN	RXQ8T + RXQ10T
RXQ20TN	RXQ8T + RXQ12T
RXQ22TN	RXQ8T + RXQ14T
RXQ24TN	RXQ10T + RXQ14T
RXQ26TN	RXQ12T + RXQ14T
RXQ28TN	RXQ14T + RXQ14T
RXQ30TN	RXQ14T + RXQ16T
RXQ32TN	RXQ14T + RXQ18T
RXQ34TN	RXQ10T + RXQ12T + RXQ12T
RXQ36TN	RXQ12T + RXQ12T + RXQ12T
RXQ38TN	RXQ8T + RXQ12T + RXQ18T
RXQ40TN	RXQ12T + RXQ12T + RXQ16T
RXQ42TN	RXQ12T + RXQ14T + RXQ16T
RXQ44TN	RXQ12T + RXQ16T + RXQ16T
RXQ46TN	RXQ14T + RXQ14T + RXQ18T
RXQ48TN	RXQ14T + RXQ16T + RXQ18T
RXQ50TN	RXQ14T + RXQ18T + RXQ18T
RXQ52TN	RXQ16T + RXQ18T + RXQ18T
RXQ54TN	RXQ18T + RXQ18T + RXQ18T
RXQ56TN	RXQ18T + RXQ18T + RXQ20T
RXQ58TN	RXQ18T + RXQ20T + RXQ20T
RXQ60TN	RXQ20T + RXQ20T + RXQ20T

3.2.2 High COP Type

(Outdoor unit)	(Total capacity of indoor units *1)	(Total quantity of indoor units)
RXQ12TH	150 ~ 390 (480)	19 (24) units
RXQ14TH	175 ~ 455 (560)	22 (28) units
RXQ16TH	200 ~ 520 (640)	26 (32) units
RXQ18TH	225 ~ 585 (585)	29 (29) units
RXQ20TH	250 ~ 650 (650)	32 (32) units
RXQ22TH	275 ~ 715 (715)	35 (35) units
RXQ24TH	300 ~ 780 (780)	39 (39) units
RXQ26TH	325 ~ 845 (845)	42 (42) units
RXQ28TH	350 ~ 910 (910)	45 (45) units
RXQ30TH	375 ~ 975 (975)	48 (48) units
RXQ32TH	400 ~ 1,040 (1,040)	52 (52) units
RXQ34TH	425 ~ 1,105 (1,105)	55 (55) units
RXQ36TH	450 ~ 1,170 (1,170)	58 (58) units
RXQ38TH	475 ~ 1,235 (1,235)	61 (61) units
RXQ40TH	500 ~ 1,300 (1,300)	64 (64) units
RXQ42TH	525 ~ 1,365 (1,365)	64 (64) units
RXQ44TH	550 ~ 1,430 (1,430)	64 (64) units
RXQ46TH	575 ~ 1,495 (1,495)	64 (64) units
RXQ48TH	600 ~ 1,560 (1,560)	64 (64) units
RXQ50TH	625 ~ 1,625 (1,625)	64 (64) units

<Combination unit>	<Independent unit>
RXQ12TH	RXQ6T + RXQ6T
RXQ14TH	RXQ6T + RXQ8T
RXQ16TH	RXQ8T + RXQ8T
RXQ18TH	RXQ6T + RXQ6T + RXQ6T
RXQ20TH	RXQ6T + RXQ6T + RXQ8T
RXQ22TH	RXQ6T + RXQ8T + RXQ8T
RXQ24TH	RXQ8T + RXQ8T + RXQ8T
RXQ26TH	RXQ8T + RXQ8T + RXQ10T
RXQ28TH	RXQ8T + RXQ8T + RXQ12T
RXQ30TH	RXQ8T + RXQ10T + RXQ12T
RXQ32TH	RXQ8T + RXQ12T + RXQ12T

<Combination unit>	<Independent unit>
RXQ34TH	RXQ8T + RXQ12T + RXQ14T
RXQ36TH	RXQ8T + RXQ14T + RXQ14T
RXQ38TH	RXQ12T + RXQ12T + RXQ14T
RXQ40TH	RXQ12T + RXQ14T + RXQ14T
RXQ42TH	RXQ14T + RXQ14T + RXQ14T
RXQ44TH	RXQ14T + RXQ14T + RXQ16T
RXQ46TH	RXQ14T + RXQ16T + RXQ16T
RXQ48TH	RXQ16T + RXQ16T + RXQ16T
RXQ50TH	RXQ16T + RXQ16T + RXQ18T

3.2.3 Space Saving Type

(Outdoor unit)	(Total capacity of indoor units *1)	(Total quantity of indoor units)
RXQ18T	225 ~ 585 (900)	29 (45) units
RXQ20T	250 ~ 650 (1,000)	32 (50) units
RXQ22TS	275 ~ 715 (880)	35 (44) units
RXQ24TS	300 ~ 780 (960)	39 (48) units
RXQ26TS	325 ~ 845 (1,040)	42 (52) units
RXQ28TS	350 ~ 910 (1,120)	45 (56) units
RXQ30TS	375 ~ 975 (1,200)	48 (60) units
RXQ32TS	400 ~ 1,040 (1,280)	52 (64) units
RXQ34TS	425 ~ 1,105 (1,360)	55 (64) units
RXQ36TS	450 ~ 1,170 (1,440)	58 (64) units
RXQ38TS	475 ~ 1,235 (1,520)	61 (64) units
RXQ40TS	500 ~ 1,300 (1,600)	64 (64) units
RXQ42TS	525 ~ 1,365 (1,365)	64 (64) units
RXQ44TS	550 ~ 1,430 (1,430)	64 (64) units
RXQ46TS	575 ~ 1,495 (1,495)	64 (64) units
RXQ48TS	600 ~ 1,560 (1,560)	64 (64) units
RXQ50TS	625 ~ 1,625 (1,625)	64 (64) units

<Combination unit>	<Independent unit>
RXQ18T	RXQ18T
RXQ20T	RXQ20T
RXQ22TS	RXQ10T + RXQ12T
RXQ24TS	RXQ12T + RXQ12T
RXQ26TS	RXQ8T + RXQ18T
RXQ28TS	RXQ12T + RXQ16T
RXQ30TS	RXQ12T + RXQ18T
RXQ32TS	RXQ12T + RXQ20T
RXQ34TS	RXQ16T + RXQ18T
RXQ36TS	RXQ18T + RXQ18T
RXQ38TS	RXQ18T + RXQ20T
RXQ40TS	RXQ20T + RXQ20T
RXQ42TS	RXQ12T + RXQ12T + RXQ18T
RXQ44TS	RXQ12T + RXQ12T + RXQ20T
RXQ46TS	RXQ12T + RXQ16T + RXQ18T
RXQ48TS	RXQ12T + RXQ18T + RXQ18T
RXQ50TS	RXQ12T + RXQ18T + RXQ20T

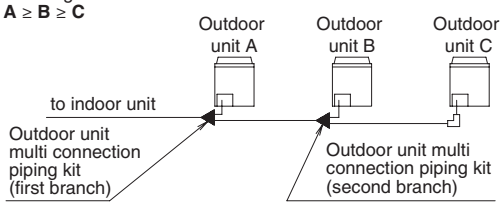
Note

- Be sure to connect an R410A indoor unit. See the catalog for indoor unit models which can be connected.

*1.Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units.

NOTICE
When selecting the total capacity higher than mentioned in above table, cooling and heating capacity will drop. For additional information see technical engineering data.

- If the total capacity of the connected indoor units exceeds the capacity of the outdoor unit, cooling performance may drop when running the indoor units. See the capacity table in the Engineering Data Book for details.
- There are restrictions on the refrigerant pipe connecting order between outdoor unit in the case of the multi system. Install so that the following restrictions are satisfied.
  <Restrictions>
  The capacities of outdoor units A, B and C must fulfill the following conditions.
  A ≥ **B** ≥ **C**



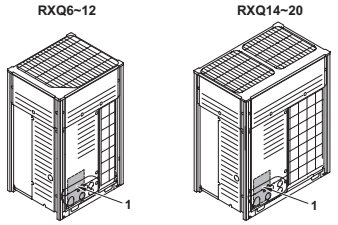
3.3 Scope of the manual

This manual describes the procedures for handling, installing and connecting the VRV IV outdoor units. This manual has been prepared to ensure adequate maintenance of the unit, and it will provide help in case problems occur.

INFORMATION
The installation of the indoor unit(s) is described in the indoor unit installation manual provided with the indoor units.

4. Accessories

4.1 Accessories supplied with this unit



See location 1 in the figure above for reference to where following accessories are supplied with the unit.

Name	Tie wrap (1)	Tie wrap (2)	Tie wrap (3)	Gas accessory pipe (1)	
Quantity	9 pcs.	2 pcs.	1 pc.	1 pc.	
Shape	Small		Large	Front connection: 6-18 HP	Front connection: 20 HP[(a)]

Name	Gas accessory pipe (2)			Liquid accessory pipe (1)	Liquid accessory pipe (2)	Others
Quantity	1 pc.			1 pc.	1 pc.	• Operation manual • Installation manual • Caution label (Addition refrigerant charge record)
Shape	Bottom connection: 6-8HP, 20HP	Bottom connection: 10HP	Bottom connection: 12HP, 14-18HP	Front connection	Bottom connection	

Note

[(a)] For RXQ20, Front connection pipe require the combination of gas accessory pipe(1) and gas accessory pipe(2).

4.2 Option accessory

To install the outdoor units, the following optional parts are also required. To select an optimum kit, refer to **"9.3 Selection of refrigerant branch kits."**

- **Refrigerant branching kit**

REFNET header	KHRP26M22H	KHRP26M33H	KHRP26M72H	KHRP26M73H
REFNET joint	KHRP26A22T	KHRP26A33T	KHRP26A72T	KHRP26A73T

- **Outdoor unit multi connection piping kit**

Number of outdoor units connected	2 units	3 units
Kit name	BHFP22P100	BHFP22P151

- **Pipe size reducer**

Kit name	KHRP26M73TP	KHRP26M73HP

Note

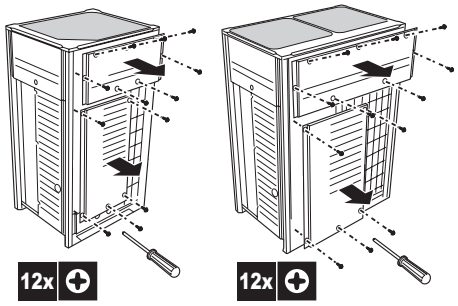
Make sure that any separate purchased accessories are designed for use with R410A.

5. Overview of unit

5.1 Opening the unit

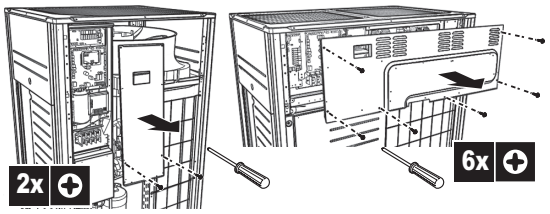
To gain access to the unit, front plates need to be opened as follows:

RXQ6~12 **RXQ14~20**



Once the front plates open, the electrical component box can be accessed by removing the electrical component box cover as follows.

RXQ6~12 **RXQ14~20**



For service purposes, the push buttons on the main PCB need to be accessed. To access these push buttons, the electrical component box cover does not need to be opened. See "13.Making field settings" on page 27.

DANGER: Electrical shock

See "2.General safety precautions" on page 2.

DANGER: Do not touch piping and internal parts.

See "2.General safety precautions" on page 2.

5.2 Main components in the unit

For all the models a piping diagram and outlook drawing are available. Depending on the model type some components in the main component list may not be existing in the unit.

Main components (see figure 1, figure 2, figure 3, figure 4)

1 Compressor (M1C)
2 Compressor (M2C)
3 Heat exchanger
4 Fan
5 Fan motor (M1F, M2F)
6 Accumulator
7 Expansion valve, main (Y1E)
8 Expansion valve, subcool heat exchanger (Y2E)
9 Subcool heat exchanger
10 Oil separator
11 Solenoid valve, oil accumulator (Y2S)
12 Solenoid valve, oil1 (Y3S)
13 Solenoid valve, oil2 (Y4S)
14 Electrical component box
15 Service port, refrigerant charge
16 Stop valve, liquid
17 Stop valve, gas

5.2.1 RXQ* (6~12 HP)

Piping diagram

See figure 1.

Outlook drawing

See figure 3.

5.2.2 RXQ* (14~20 HP)

Piping diagram

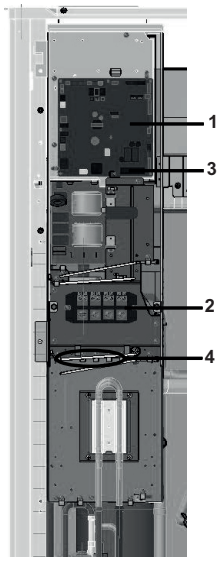
See figure 2.

Outlook drawing

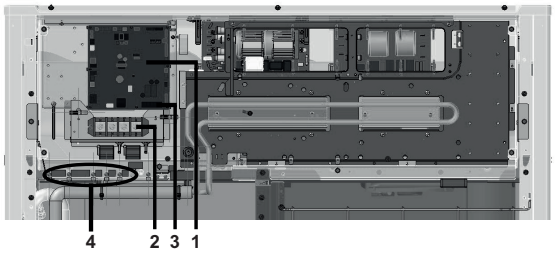
See figure 4.

5.3 Main components in the electrical component box

RXQ6~12



RXQ14~20



1 Main PCB.
2 Terminal block X1M: main terminal block which allows easy connection of field wiring for power supply.
3 Terminal X1M on main PCB: terminal block for transmission wiring.
4 Cable tie mountings: the cable tie mountings allow to fix the field wiring with cable ties to the electrical component box to ensure strain relief.

INFORMATION

For more details refer to the wiring diagram of the units. The wiring diagram is located on the inside of the electrical component box.

6. Selecting an installation location

CAUTION

Appliance not accessible to the general public, install it in a secured area, protected from easy access.

This unit, both indoor and outdoor, is suitable for installation in a commercial and light industrial environment.

6.1 General precautions on installation

Select an installation site that meets the following requirements:

- The foundation must be strong enough to support the weight of the unit. The floor is flat to prevent vibrations and noise generation and to have sufficient stability.
- The space around the unit is adequate for maintenance and servicing. The space around the unit allows for sufficient air circulation.
- There is no danger of fire due to leakage of inflammable gas.
- The equipment is not intended for use in a potentially explosive atmosphere.
- Select the location of the unit in such a way that the sound generated by the unit does not disturb anyone, and the location is selected according the applicable legislation.
- All piping lengths and distances have been taken into consideration.
- Take care that in the event of a water leak, water cannot cause any damage to the installation space and surroundings.
- When installing the unit in a smallroom, take measures in order to keep the refrigerant concentration from exceeding allowable safety limits in the event of a refrigerant leak.

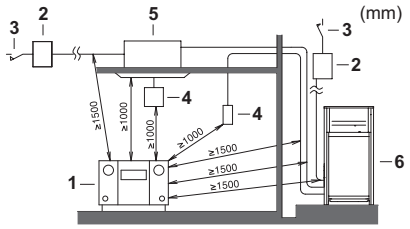
CAUTION

Excessive refrigerant concentrations in a closed room can lead to oxygen deficiency.

NOTICE

The equipment described in this manual may cause electronic noise generated from radio-frequency energy. The equipment complies to specifications that are designed to provide reasonable protection against such interference. However, there is no guarantee that interference will not occur in a particular installation.

It is therefore recommended to install the equipment and electric wires keeping proper distances away from stereo equipment, personal computers, etc.



1 Personal computer or radio
2 Fuse
3 Earth leakage protector
4 User interface
5 Indoor unit
6 Outdoor unit

In places with weak reception, keep distances of 3 m or more to avoid electromagnetic disturbance of other equipment and use conduit tubes for power and transmission lines.

- The refrigerant R410A itself is nontoxic, non-flammable and is safe. If the refrigerant should leak however, its concentration may exceed the allowable limit depending on room size. Due to this, it could be necessary to take measures against leakage.
- Do not install in the following locations:
  - Locations where sulphurous acids and other corrosive gases may be present in the atmosphere. Copper piping and soldered joints may corrode, causing refrigerant to leak.
  - Locations where a mineral oil mist, spray or vapour may be present in the atmosphere. Plastic parts may deteriorate and fall off or cause water leakage.
  - Locations where equipment that produces electromagnetic waves is found. The electromagnetic waves may cause the control system to malfunction, preventing normal operation.
  - Locations where flammable gases may leak, where thinner, gasoline and other volatile substances are handled, or where carbon dust and other incendiary substances are found in the atmosphere. Leaked gas may accumulate around the unit, causing an explosion.
- When installing, take strong winds, typhoons or earthquakes into account, improper installation may result in the unit turning over.

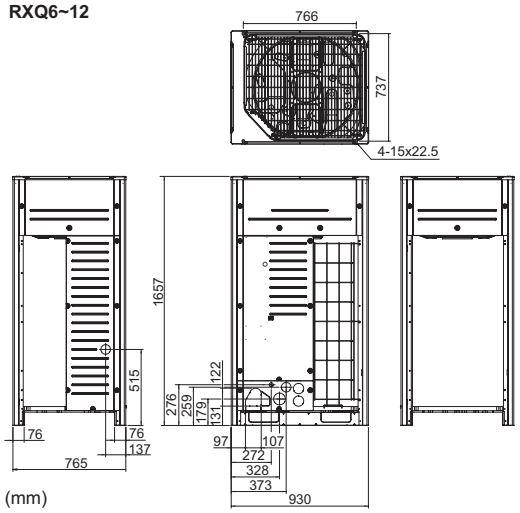
6.2 Weather related precautions

- Select a place where the rain can be avoided as much as possible.
- Be sure that the air inlet of the unit is not positioned towards the main wind direction. Frontal wind will disturb the operation of the unit. If necessary, use a screen to block the wind.
- Ensure that water cannot cause any damage to the location by adding water drains to the foundation and prevent water traps in the construction.
- Do not install the unit in areas where the air contains high levels of salt such as that near the ocean.

7. Dimensions and service space

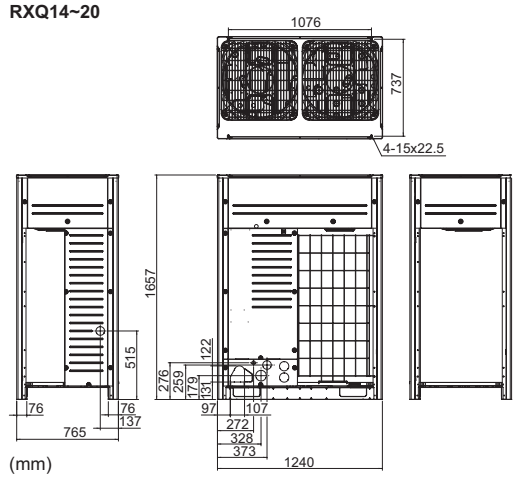
7.1 Dimensions of outdoor unit

RXQ6~12



(mm)

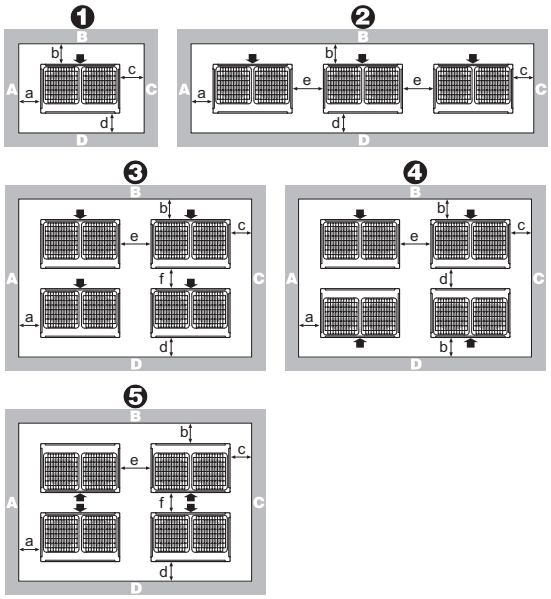
RXQ14~20



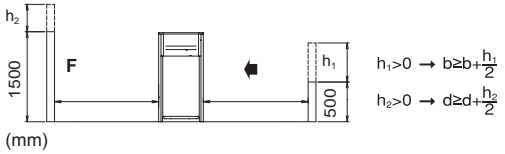
(mm)

7.2 Service space

The space around the unit is adequate for servicing and the minimum space for air inlet and air outlet is available (refer to the figure below and choose one of the possibilities).



	A+B+C+D		A+B
❶	a≥10 mm b≥300 mm c≥10 mm d≥500 mm	a≥50 mm b≥100 mm c≥50 mm d≥500 mm	a≥200 mm b≥300 mm
❷	a≥10 mm b≥300 mm c≥10 mm d≥500 mm e≥20 mm	a≥50 mm b≥100 mm c≥50 mm d≥500 mm e≥100 mm	a≥200 mm b≥300 mm e≥400 mm
❸	a≥10 mm b≥300 mm c≥10 mm d≥500 mm e≥20 mm f≥600 mm	a≥50 mm b≥100 mm c≥50 mm d≥500 mm e≥100 mm f≥500 mm	
❹	a≥10 mm b≥300 mm c≥10 mm d≥500 mm e≥20 mm	a≥50 mm b≥100 mm c≥50 mm d≥500 mm e≥100 mm	
❺	a≥10 mm b≥500 mm c≥10 mm d≥500 mm e≥20 mm f≥900 mm	a≥50 mm b≥500 mm c≥50 mm d≥500 mm e≥100 mm f≥600 mm	



(mm)

ABCD Sides along the installation site with obstacles
F Front side
➡ Suction side

- In case of an installation site where sides A+B+C+D have obstacles, the wall heights of sides A+C have no impact on service space dimensions. Refer to the figure above for impact of wall heights of sides B+D on service space dimensions.
- In case of an installation site where only the sides A+B have obstacles, the wall heights have no influence on any indicated service space dimensions.

INFORMATION

- The service space dimensions in above figure are based on cooling operation at 35°C ambient temperature (standard conditions).
- Further specifications can be found in the technical engineering data.

8. Inspecting and handling the unit

8.1 Inspection

At delivery, the unit must be checked and any damage must be reported immediately to the carrier's claims agent.

8.2 Handling

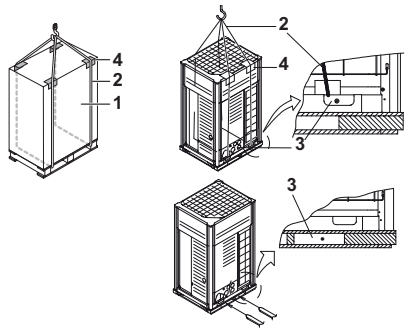
1 When handling the unit, take into account the following:

Fragile, handle the unit with care.

Keep the unit upright in order to avoid compressor damage.

2 Choose on beforehand the path along which the unit is to be brought in.

3 Bring the unit as close as possible to its final installation position in its original package to prevent damage during transport.



1 Packaging material
2 Belt sling
3 Opening
4 Protector

4 Lift the unit preferably with a crane and 2 belts of at least 8 m long as shown in the figure above.
Always use protectors to prevent belt damage and pay attention to the position of the unit's centre of gravity.

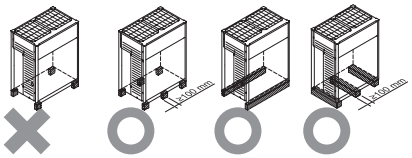
A forklift can only be used for transport as long as the unit remains on its pallet as shown above.

8.3 Installing the unit

Make sure the unit is installed level on a sufficiently strong base to prevent vibration and noise.

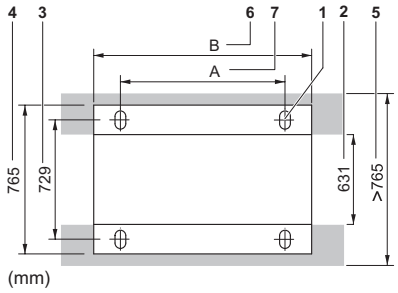
NOTICE

When the installation height of the unit needs to be increased, do not use stands to only support the corners.



X Not allowed
O Allowed

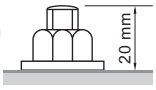
- The height of the foundation must at least be 150 mm from the floor.
- The unit must be installed on a solid longitudinal foundation (steel beam frame or concrete) and make sure the base under the unit is larger than the grey marked area.



1 Hole for foundation bolt (ø15 dia. : 4 positions)
2 Inner dimension of the base
3 Distance between foundation bolt holes
4 Depth of unit
5 Outer dimension of the base
6 Longitudinal foundation dimension
7 Distance between foundation bolt holes

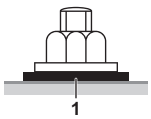
Model	A	B
6 · 8 · 10 · 12HP type	766	930
14 · 16 · 18 · 20HP type	1076	1240

- Fasten the unit in place using four foundation bolts M12. It is best to screw in the foundation bolts until their length remains 20mm above the foundation surface.



NOTICE

- When installed in a corrosive environment, use a nut with plastic washer (1) to protect the nut tightening part from rust.



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9. Refrigerant pipe size and allowable pipe length

9.1 Selection of piping material

NOTICE

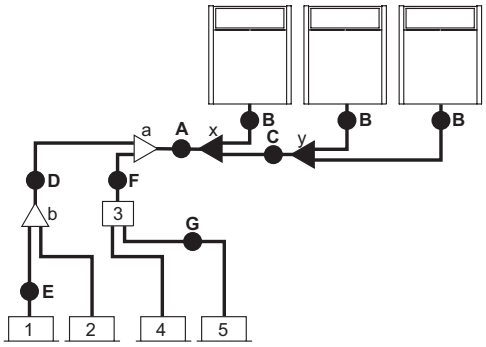
- Jointless phosphor-deoxidized copper pipe
- Select a thickness for the refrigerant piping which complies with national and local laws.
- Installation shall be done by a licensed installer, the choice of materials and installation shall conform completely with the applicable national and international codes.

- Foreign materials inside pipes (including oils for fabrication) must be ≤30 mg/10 m.
- Temper grade: use piping with temper grade in function of the pipe diameter as listed in table below.

Pipe Ø (mm)	Temper grade of piping material
≤15.9 (5/8″)	O (annealed)
≥19.1 (3/4″)	1/2H (half hard)

9.2 Selection of piping size

Determine the proper size referring to following tables and reference figure.



1,2 VRV indoor unit
3 BP box
4,5 RA indoor unit
a,b Indoor branch kit
x,y Outdoor multi connection kit

9.2.1 Piping between outdoor unit and (first) refrigerant branch kit: A, B, C

Choose from the following table in accordance with the outdoor unit total capacity type, connected downstream.

Outdoor unit capacity type (HP)	Piping outer diameter size (mm)	
	Gas pipe	Liquid pipe
6~8	Ø19.1 (3/4″)	Ø 9.5 (3/8″)
10	Ø22.2 (7/8″)	
12~16	Ø28.6 (1 1/8″)	Ø12.7 (1/2″)
18~22		Ø15.9 (5/8″)
24	Ø34.9 (1 3/8″)	
26~34		Ø19.1 (3/4″)
36~60	Ø41.3 (1 5/8″)	

9.2.2 Piping between refrigerant branch kits: D

Choose from the following table in accordance with the indoor unit total capacity type, connected downstream. Do not let the connection piping exceed the refrigerant piping size chosen by the general system model name.

Indoor unit capacity index	Piping outer diameter size (mm)	
	Gas pipe	Liquid pipe
<150	Ø15.9 (5/8″)	Ø 9.5 (3/8″)
150≤x<200	Ø19.1 (3/4″)	
200≤x<290	Ø22.2 (7/8″)	
290≤x<420	Ø28.6 (1 1/8″)	Ø12.7 (1/2″)
420≤x<640		Ø15.9 (5/8″)
640≤x<920	Ø34.9 (1 3/8″)	Ø19.1 (3/4″)
≥920	Ø41.3 (1 5/8″)	

Example:

Downstream capacity for E=capacity index of unit 1
Downstream capacity for D=capacity index of unit 1+capacity index of unit 2

9.2.3 Piping between refrigerant branch kit and BP unit: F

Pipe size for direct connection on BP unit must be based on the total capacity of the connected indoor units (only in case RA indoor units are connected).

Total capacity index of connected indoor units	Gas pipe (mm)	Liquid pipe (mm)
20-62	Ø12.7 (1/2″)	Ø 6.4 (1/4″)
63-149	Ø15.9 (5/8″)	Ø 9.5 (3/8″)
150-208	Ø19.1 (3/4″)	
~250	Ø22.2 (7/8″)	

Example:

Downstream capacity for F=capacity index of unit 4+capacity index of unit 5

9.2.4 Piping between BP unit and RA indoor unit: G

Only in case RA indoor units are connected.

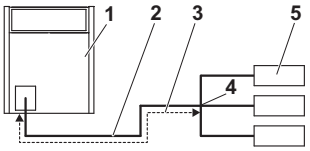
Indoor unit capacity index	Gas pipe (mm)	Liquid pipe (mm)
20, 25, 30, 35	Ø 9.5 (3/8″)	Ø 6.4 (1/4″)
50	Ø12.7 (1/2″)	
60		Ø 9.5 (3/8″)
71	Ø15.9 (5/8″)	

9.2.5 Piping between refrigerant branch kit and indoor unit: E

Pipe size for direct connection to indoor unit must be the same as the connection size of the indoor unit (in case indoor unit is VRV Indoor).

Indoor unit capacity index	Piping outer diameter size (mm)	
	Gas pipe	Liquid pipe
20, 25, 32, 40, 50	Ø12.7 (1/2″)	Ø 6.4 (1/4″)
63, 80, 100, 125, 140	Ø15.9 (5/8″)	Ø 9.5 (3/8″)
200	Ø19.1 (3/4″)	
250	Ø22.2 (7/8″)	
400	Ø28.6 (1 1/8″)	Ø 12.7 (1/2″)
500		Ø 15.9 (5/8″)

- When the equivalent pipe length between outdoor and indoor units is 90 m or more, the size of the main pipes (both gas side and liquid side) must be increased. Depending on the length of the piping, the capacity may drop, but even in such a case it is possible to increase the size of the main pipes.



1 Outdoor unit
2 Main pipes
3 Increase
4 First refrigerant branch kit
5 Indoor unit

Size up		
HP Class	Gas side (mm)	Liquid size (mm)
6~8	Ø19.1 (3/4″) → Ø22.2 (7/8″)	Ø9.5 (3/8″)→Ø12.7 (1/2″)
10	Ø22.2 (7/8″) → Ø25.4 (1″)(a)	
12~14	Ø28.6 (1 1/8″)(b)	Ø12.7 (1/2″)→Ø15.9 (5/8″)
16	Ø28.6 (1 1/8″) → Ø31.8 (1 1/4″)(a)	
18~22		Ø15.9 (5/8″)→Ø19.1 (3/4″)
24	Ø34.9 (1 3/8″)(b)	
26~34	Ø34.9 (1 3/8″) → Ø38.1 (1 1/2″)(a)	Ø19.1 (3/4″)→Ø22.2 (7/8″)
36~60	Ø41.3 (1 5/8″)(b)	

(a) If this pipe diameter is unobtainable on site, please do not size up a pipe diameter. (Without size up the pipe diameter, capacity will great decreased, but equivalent piping length can be extended up to 190m)

(b) Please use this pipe diameter only.(Without size up the pipe diameter, equivalent piping length can be extended up to 190m)

- The pipe thickness of the refrigerant piping shall comply with the applicable legislation. The minimal pipe thickness for R410A piping must be in accordance with the table below.

Pipe Ø (mm)	Minimal thickness t (mm)
Ø 6.4 (1/4″)	0.80
Ø 9.5 (3/8″)	
Ø12.7 (1/2″)	
Ø15.9 (5/8″)	0.99
Ø19.1 (3/4″)	0.80
Ø 22.2 (7/8″)	
Ø 28.6 (1 1/8″)	0.99
Ø 34.9 (1 3/8″)	1.21
Ø 38.1 (1 1/2″)	1.32
Ø 41.3 (1 5/8″)	1.43

In this case, the additional refrigerant calculation has to be adjusted as mentioned in "14.Charging refrigerant" on page 29.

9.3 Selection of refrigerant branch kits

Refrigerant REFNETS

For piping example, refer to "9.2. Selection of piping size" on page 10.

- When using REFNET joints at the first branch counted from the outdoor unit side, choose from the following table in accordance with the capacity of the outdoor unit (example: REFNET joint a).

Outdoor unit capacity type (HP)	2 pipes
6~10	KHRP26A33T
12~22	KHRP26A72T
24~60	KHRP26A73T + KHRP26M73TP

- For REFNETS joints other than the first branch (example REFNET joint b), select the proper branch kit model based on the total capacity index of all indoor units connected after the refrigerant branch.

Indoor unit capacity index	2 pipes
<200	KHRP26A22T
200≤x<290	KHRP26A33T
290≤x<640	KHRP26A72T
≥640	KHRP26A73T + KHRP26M73TP

- Concerning REFNET headers, choose from the following table in accordance with the total capacity of all the indoor units connected below the REFNET header.

Indoor unit capacity index	2 pipes
<200	KHRP26M22H
200≤x<290	KHRP26M33H
290≤x<640	KHRP26M72H(a)
≥640	KHRP26M73H + KHRP26M73HP

(a) If the pipe size above the REFNET header is Ø34.9 or more, KHRP26M73HP is required.

INFORMATION

Maximum 8 branches can be connected to a header.

- How to choose an outdoor multi connection piping kit. Choose from the following table in accordance with the number of outdoor units.

Number of outdoor units	Branch kit name
2	BHFP22P100
3	BHFP22P151

NOTICE

Refrigerant branch kits can only be used with R410A.

9.4 System piping (length) limitations

9.4.1 Piping length restrictions

Make sure to perform the piping installation within the range of the maximum allowable pipe length, allowable level difference and allowable length after branching as indicated below. The pattern will be discussed, including VRV indoor units combined with RA indoor units.

Definitions

Actual piping length: pipe length between outdoor(1) and indoor units.

Equivalent piping length(2) : pipe length between outdoor(1) and indoor units.

Total piping length: total piping length from the outdoor(1) to all indoor units.

Difference in height between outdoor and indoor units: H1.

Difference in height between indoor and indoor units: H2.

Difference in height between outdoor and outdoor units: H3.

Difference in height between outdoor and BP unit: H4.

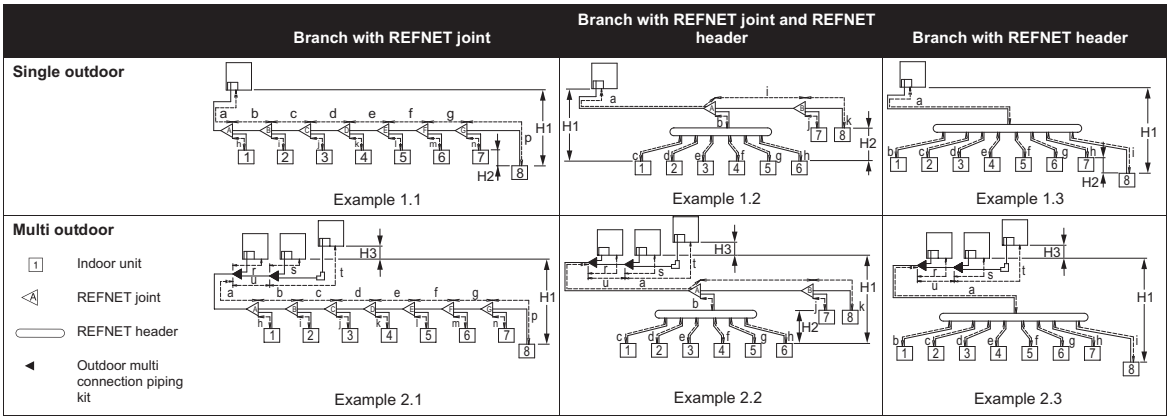
Difference in height between BP unit and BP unit: H5.

Difference in height between BP unit and RA indoor unit: H6.

(1) In case of multi outdoor system, re-read to the first outdoor unit multi connection piping kit as seen from the indoor unit.
(2) Assume equivalent piping length of REFNET joint=0.5 m and REFNET header=1 m (for calculation purposes).

9.4.2 System only containing VRV indoor units

System setup



Maximum allowable length

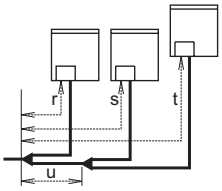
- Between outdoor and indoor units (standard type, High COP type and space saving type)

		Example 1.1	Example 1.2	Example 1.3
Actual piping length	**165 m**	unit 8: a+b+c+d+e+f+g+p≤165 m	unit 6: a+b+h≤165 m unit 8: a+i+k≤165 m	unit 8: a+i≤165 m
Equivalent length(2)	**190 m**	—	—	—
Total piping length	**1000 m**	a+b+c+d+e+f+g+h+i+j+k+l+m+n+p≤1000 m	—	—

- Between outdoor and indoor units (free multi combinations)

		Example 2.1	Example 2.2	Example 2.3
Actual piping length	**135 m**	unit 8: a+b+c+d+e+f+g+p≤135 m	unit 6: a+b+h≤135 m unit 8: a+i+k≤135 m	unit 8: a+i≤135 m
Equivalent length(2)	**160 m**	—	—	—
Total piping length	**500 m**	a+b+c+d+e+f+g+h+i+j+k+l+m+n+p≤500 m	—	—

Example 3 : with standard multi layout



- Between outdoor branch and outdoor unit.

Actual piping length	10 m	Example 3 r, s, t≤10 m; u≤5 m
Equivalent length	13 m	—

Maximum allowable height difference

H1	≤50 m(a)
H2	≤30 m
H3	≤5 m

(a) Conditional extension up till 90 m is possible.
In case the outdoor location is higher than indoor: extension is possible up till 90 m and following 2 conditions must be fulfilled:
- Liquid piping size up (see table "Size up" on page11).
- Dedicated setting on outdoor unit is required (see [2-49] in Monitoring function and field settings, page 35)

In case the outdoor location is lower than indoor: extension is possible up till 90 m and following 1 condition must be fulfilled:
- Liquid piping size up (see table "Size up" on page11).

Maximum allowable length after branch

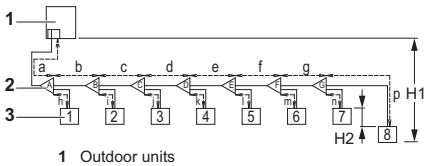
The pipe length from the first refrigerant branch kit to the indoor unit ≤40 m.

Example 1.1: unit 8: b+c+d+e+f+g+p≤40 m

Example 1.2: unit 6: b+h≤40 m, unit 8: i+k≤40 m

Example 1.3: unit 8: i≤40 m

However, extension is possible if all below conditions are met. In this case limitation can be extended up to 90 m.



1 Outdoor units
2 REFNET joints (A~G)
3 Indoor unit (1~8)

a. The piping length between all indoor to the nearest branch kit is ≤40 m.
Example: h, l, j … p≤40 m

b. It is necessary to increase the pipe size of the gas and liquid piping if the pipe length between the first branch kit and the farthest indoor unit is over 40 m.
If the increased pipe size is larger than the pipe size of the main pipe, then the pipe size of the main pipe has to be increased as well.
Increase the pipe size as follows:
9.5 → 12.7; 12.7 → 15.9; 15.9 → 19.1; 19.1 → 22.2; 22.2 → 25.4(3); 28.6 → 31.8(3); 34.9 → 38.1(3)
Example: unit 8: b+c+d+e+f+g+p≤90 m; increase the pipe size of b, c, d, e, f, g.

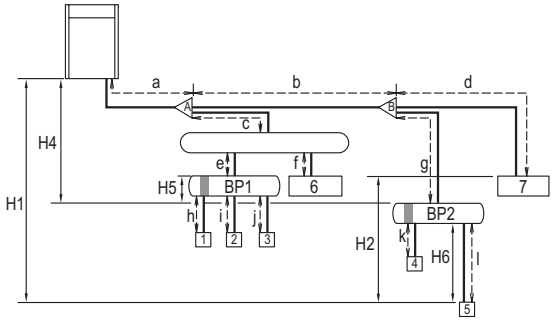
(3) If this pipe diameter is unobtainable on site, the piping length limitation cannot extended.

c. When the piping size is increased (step b), the piping length has to be counted as double (except for the main pipe and the pipes that are not increased in pipe size).
The total piping length has to be within limitations (see table above).
Example:
a+b*2+c*2+d*2+e*2+f*2+g*2+h+i+j+k+l+m+n+p≤1000 m (500 m).

d. The piping length difference between the nearest indoor from first branch to the outdoor unit and farthest indoor to the outdoor unit is ≤40 m.
Example: The farthest indoor unit 8. The nearest indoor unit 1 → (a+b+c+d+e+f+g+p)–(a+h)≤40 m.

9.4.3 System containing VRV indoor units and RA indoor units

System setup



Header
BP box
1~5 RA indoor units
6,7 VRV indoor units

Maximum allowable length

- Between outdoor unit and indoor unit.

Actual piping length	100 m	Example: a+b+g+l≤100 m
Equivalent length(a)	120 m	—
Total piping length	250 m	Example: a+b+d+g+l+k+c+e+f+h+i+j≤250 m

(a) Assume equivalent piping length of REFNET joint=0.5 m and REFNET header=1 m (for calculation purposes).

- Between BP unit and indoor unit.

Indoor unit capacity index	Pipe length
<60	2~15 m
60	2~12 m
71	2~8 m

Remark: **Minimum allowable length** between outdoor unit and first refrigerant branch kit>5 m (the refrigerant noise from the outdoor unit can be transmitted).

Example: a>5 m

Maximum allowable height difference

H1	≤50 m (40 m) (if outdoor is located below indoor units)
H2	≤15 m
H4	≤40 m
H5	≤15 m
H6	≤5 m

Maximum allowable length after branch

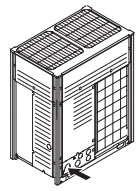
The pipe length from the first refrigerant branch kit to the indoor unit ≤50 m.

Example: b+g+l≤50 m

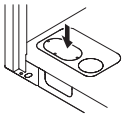
If the piping length between the first branch and BP unit or VRV indoor unit is over 20m, it is necessary to increase the gas and liquid piping size between the first branch and BP unit or VRV indoor unit. If the piping diameter of the sized up piping exceeds the diameter of the piping before the first branch kit, than the latter also requires a liquid piping and gas piping size up.

9.5 Multi system piping installation

- Front connection
  Remove the front plate knock out holes to connect (see figure below).



- Bottom connection
  Remove the knock out holes on the bottom frame and route the piping under the bottom frame (see figure below).



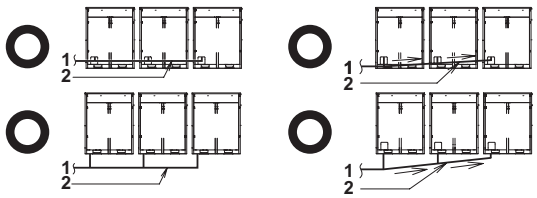
9.5.1 Precautions when connecting piping between outdoor units (multiple outdoor unit system)

- To connect the piping between outdoor units, an optional multi connection piping kit BHFP22P100/151 is always required. When installing the piping, follow the instructions in the installation manual that comes with the kit.
- Only proceed with piping work after considering the limitations on installing listed here and in the chapter "10.2. Connecting the refrigerant piping" on page 16 always referring to the installation manual delivered with the kit.

9.5.2 Possible installation patterns and configurations

- The piping between the outdoor units must be routed level or slightly upward to avoid the risk of oil retention into the piping.

Pattern 1 **Pattern 2**



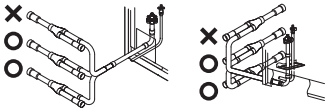
1 To indoor unit
2 Piping between outdoor units

Prohibited patterns: change to pattern 1 or 2.

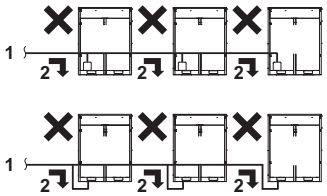


1 To indoor unit
2 Piping between outdoor units

- To avoid the risk of oil retention to the outmost outdoor unit, always connect the stop valve and the piping between outdoor units as shown in the 4 correct possibilities of the figure below.

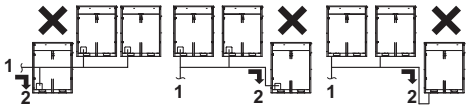


Prohibited patterns: change to pattern 1 or 2.



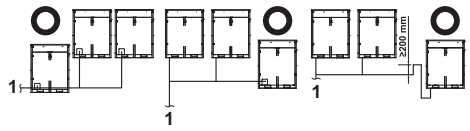
1 To indoor unit
2 Oil collects to the outmost outdoor unit

Change to configuration as in figures below



1 To indoor unit
2 Oil collects to the outmost outdoor unit when the system stops

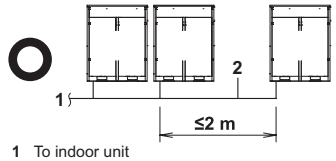
Correct configuration



1 To indoor unit

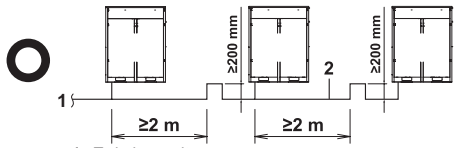
- If the piping length between the outdoor units exceeds 2m, create a rise of 200mm or more in the gas line within a length of 2m from the kit.

If ≤2 m



1 To indoor unit
2 Piping between outdoor units

If >2 m



1 To indoor unit
2 Piping between outdoor units

10. Precautions on refrigerant piping

- Do not allow anything other than the designated refrigerant to get mixed into the refrigerant cycle, such as air, nitrogen, etc. If any refrigerant gas leaks while working on the unit, ventilate the room thoroughly right away.
- Use R410A only when adding refrigerant
- Installation tools:
  Make sure to use installation tools (gauge manifold, charge hose, etc.) that are exclusively used for R410A installations to withstand the pressure and to prevent foreign materials (e.g., mineral oils and moisture) from mixing into the system.
- Vacuum pump:
  - Use a 2-stage vacuum pump with a non-return valve.
  - Make sure the pump oil does not flow oppositely into the system while the pump is not working.
  - Use a vacuum pump which can evacuate to –100.7 kPa (5Torr, –755 mm Hg).

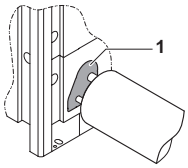
Protection against contamination when installing pipes

Take measures to prevent foreign materials like moisture and contamination from mixing into the system.

	Installation period	Protection method
	More than a month	Pinch the pipe
	Less than a month	Pinch or tape the pipe
	Regardless of the period	

Block all gaps in the holes for passing out piping and wiring using sealing material (field supply) (the capacity of the unit will drop and small animals may enter the machine).

Example: passing piping out through the front.



1 Close the areas marked with "▬". (When the piping is routed from the front panel.)

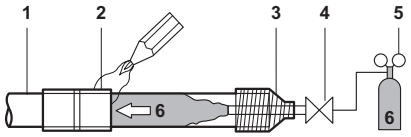
- Use clean pipes only.
- Hold the pipe end downwards when removing burrs.
- Cover the pipe end when inserting it through a wall so that no dust or dirt enters the pipe.

NOTICE

After all the piping has been connected, make sure there is no gas leak. Use nitrogen to perform a gas leak detection.

10.1 Caution for brazing

- Make sure to blow through with nitrogen when brazing. Blowing through with nitrogen prevents the creation of large quantities of oxidized film on the inside of the piping. An oxidized film adversely affects valves and compressors in the refrigerating system and prevents proper operation.
- The nitrogen pressure should be set to 0.02MPa (i.e., just enough so it can be felt on the skin) with a pressure-reducing valve.



1 Refrigerant piping
2 Part to be brazed
3 Taping
4 Handy valve
5 Pressure-reducing valve
6 Nitrogen

Do not use anti-oxidants when brazing the pipe joints. Residue can clog pipes and break equipment:

- Do not use flux when brazing copper-to-copper refrigerant piping. Use phosphor copper brazing filler alloy (BCuP) which does not require flux.
- (Flux has an extremely harmful influence on refrigerant piping systems. For instance, if chlorine based flux is used, it will cause pipe corrosion or, in particular, if the flux contains fluorine, it will deteriorate the refrigerant oil.)

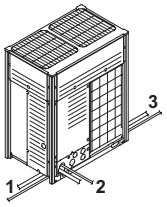
10.2 Connecting the refrigerant piping

NOTICE

Installation shall be done by an installer, the choice of materials and installation shall comply with the applicable legislation.

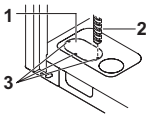
10.2.1 Decide front or side (bottom) connection

Installation of refrigerant piping is possible as front connection or side connection (when taken out from the bottom) as shown in the figure below.



1 Left-side connection
2 Front connection
3 Right-side connection

For side connections, the knockout hole on the bottom plate should be removed:



1 Large knockout hole
2 Drill
3 Points for drilling

NOTICE

Precautions when knocking out knockout holes:

- Be sure to avoid damaging the casing.
- After knocking out the knockout holes, we recommend you remove the burrs and paint the edges and areas around the edges using repair paint to prevent rusting.
- When passing electrical wiring through the knockout holes, wrap the wiring with protective tape to prevent damage as shown above.

10.2.2 Remove the pinched pipes

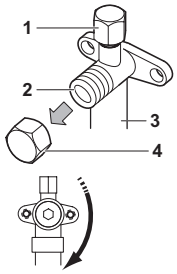
WARNING

Any gas or oil remaining inside the stop valve may blow off the pinched piping.

Failure to observe the instructions in procedure below properly may result in property damage or personal injury, which may be serious depending on the circumstances.

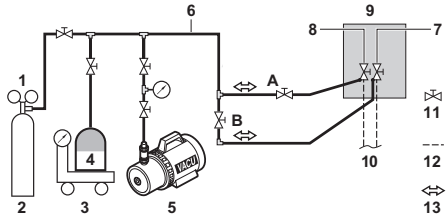
Use the following procedure to remove the pinched piping:

1 Remove the valve cover and make sure that the stop valves are fully closed.



1 Service port and service port cover
2 Stop valve
3 Field piping connection
4 Stop valve cover

2 Connect the vacuuming/recovery unit to service ports of all stop valves.



1 Gauge manifold
2 Nitrogen
3 Measuring instrument
4 Refrigerant R410A tank (siphon system)
5 Vacuum pump
6 Charge hose
7 Gas pipe stop valve
8 Liquid pipe stop valve
9 Outdoor unit
10 To indoor unit
11 Stop valve
12 Field piping
13 Gas flow
A Valve A
B Valve B

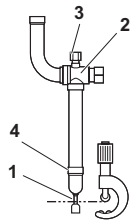
3 Recover gas and oil from the pinched piping by using a recovery unit.

CAUTION

Do not vent gases into the atmosphere.

4 When all gas and oil is recovered from the pinched piping, disconnect the charge hose and close the service ports.

5 Cut off the lower part of the smaller pinched piping with an appropriate tool (e.g., pipe cutter, a pair of nippers, …). Let the remaining oil drip out in case the recovery was not complete.



1 Pinched piping
2 Stop valve
3 Service port
4 Point of melting the brazing metal; cut pipe off just above this brazing or marking point

Wait until all oil is dripped out.

6 Cut the pinched piping off with a pipe cutter just above the brazing point.

WARNING

Never remove the pinched piping by brazing.



Any gas or oil remaining inside the stop valve may blow off the pinched piping.

Failure to observe the instructions in procedure below properly may result in property damage or personal injury, which may be serious depending on the circumstances.

7 Wait until all oil is dripped out before continuing with the connection of the field piping in case the recovery was not complete.

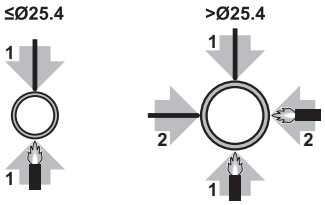
10.2.3 Connecting refrigerant piping to the outdoor unit

INFORMATION

All local inter unit piping are field supplied except the accessory pipes.

NOTICE

Precautions when connecting field piping. Add brazing material as shown in the figure.



NOTICE

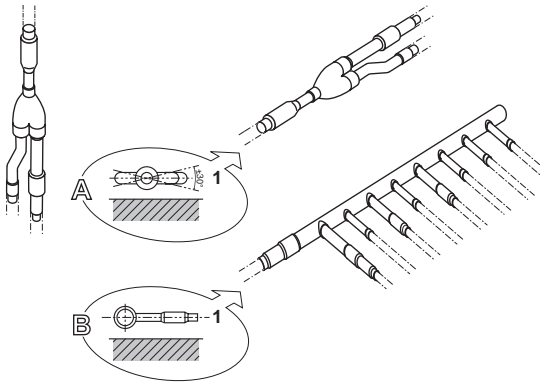
- Be sure to use the supplied accessory pipes when carrying out piping work in the field.
- Be sure that the field installed piping does not touch other pipes, the bottom panel or side panel. Especially for the bottom and side connection, be sure to protect the piping with suitable insulation, to prevent it from coming into contact with the casing.

Connection from the stop valves to the field piping can be done by using accessory pipes supplied as accessory.

The connections to the branch kits are the responsibility of the installer (field piping).

10.2.4 Branching the refrigerant piping

- For installation of the refrigerant branching kit, refer to the installation manual delivered with the kit.

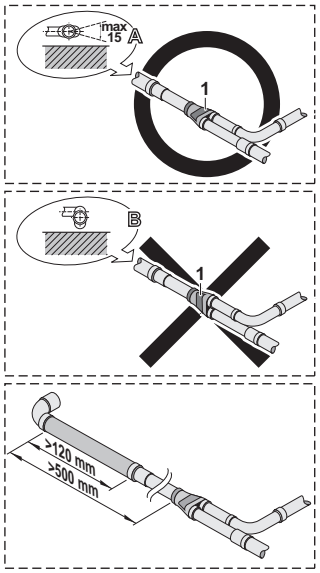


1 Horizontal surface

1 Mount the refnet joint so that it branches either horizontally or vertically.

2 Mount the refnet header so that it branches horizontally.

- Installation of the multi connection piping kit.



1 Install the joints horizontally, so that the caution label (1) attached to the joint comes to the top.
- Do not tilt the joint more than 15° (see view A).
- Do not install the joint vertically (see view B).

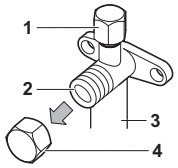
2 Make sure that the total length of the piping connected to the joint is absolute straight for more than 500 mm. Only if a straight field piping of more than 120 mm is connected, more than 500 mm of straight section can be ensured.

3 Improper installation may lead to malfunction of the outdoor unit.

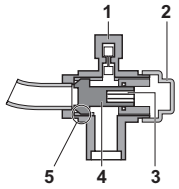
10.3 Guidelines for handling stop valve

10.3.1 Cautions on handling the stop valve

- Make sure to keep both stop valves open during operation.
- The figure below shows the name of each part required in handling the stop valve.
- The stop valve is factory closed.



1 Service port and service port cover
2 Stop valve
3 Field piping connection
4 Stop valve cover



1 Service port
2 Cap
3 Hexagon hole
4 Shaft
5 Seal

10.3.2 How to use the stop valve

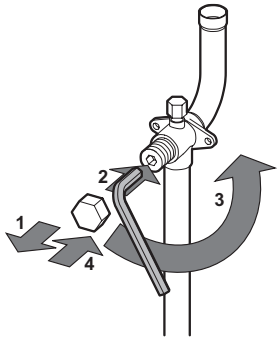
Opening the stop valve

1 Remove the valve cover.

2 Insert a hexagon wrench into the stop valve and turn the stop valve counterclockwise.

3 When the stop valve cannot be turned any further, stop turning. The valve is now open.

To fully open the Ø19.1 or Ø25.4 gas line stop valve, turn the hexagonal wrench until a torque between 27 and 33 N•m is achieved. Inadequate torque may cause leakage of refrigerant and breakage of the stop valve cap.



NOTICE

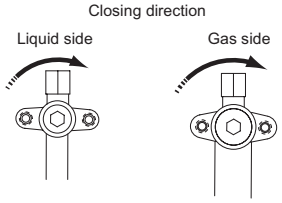
Pay attention that mentioned torque range is applicable for opening Ø19.1 and Ø25.4 gas line stop valves only.

Closing the stop valve

1 Remove the valve cover.

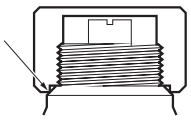
2 Insert a hexagon wrench into the stop valve and turn the stop valve clockwise.

3 When the stop valve cannot be turned any further, stop turning. The valve is now closed.



10.3.3 Cautions on handling the stop valve cover

- The stop valve cover is sealed where indicated by the arrow. Take care not to damage it.
- After handling the stop valve, make sure to tighten the stop valve cover securely. For the tightening torque, refer to the table below.
- Check for refrigerant leaks after tightening the stop valve cover.



10.3.4 Cautions on handling the service port

- Always use a charge hose equipped with a valve depressor pin, since the service port is a Schrader type valve.
- After handling the service port, make sure to tighten the service port cover securely. For the tightening torque, refer to the table below.
- Check for refrigerant leaks after tightening the service port cover.

10.3.5 Tightening torques

[Tightening torque]
The sizes of the shutoff valves on each model and the tightening torque for each size are listed in the table below.

<Size of Shutoff Valve>

	6 • 8 • 10HP type	12HP type	14HP type	16HP type	18HP type	20HP type
Liquid side shut-off valve	Ø 9.5 The 12HP type corresponds to the 12.7-diameter onsite piping using the included piping.		Ø 12.7 The 18~20HP type corresponds to the 15.9-diameter onsite piping using the accessory piping.			
Gas side shutoff valve	Ø 19.1 The 10HP type corresponds to the 22.2-diameter onsite piping using the accessory piping.	Ø 25.4 The 12~18HP type corresponds to the 28.6-diameter onsite piping using the accessory piping.				∅ 28.6

<Tightening torque>

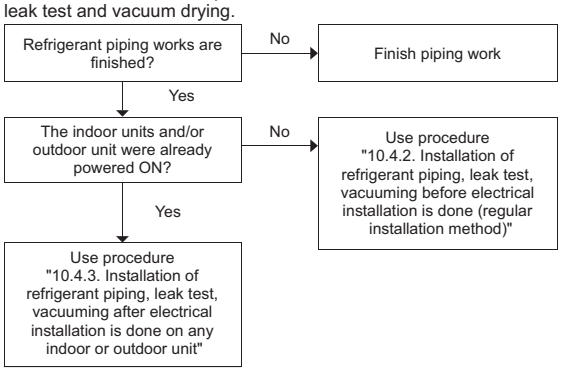
Shutoff valve size	Stop Valve Seal Structure	Tighten torque N•m (Turn clockwise to close)			
		Shaft (valve body)		Cap (valve lid)	Service port
Ø 9.5	Front - Seal Type	5.4 - 6.6	Hexagonal wrench 4 mm	13.5 - 16.5	11.5 - 13.9
Ø 12.7		8.1 - 9.9		18.0 - 22.0	
Ø 15.9		13.5 -16.5	Hexagonal wrench 6 mm	22.5 - 27.5	
Ø 19.1	Front - Seal Type + Back - Seal Type	27.0 - 33.0	Hexagonal wrench 8 mm		
Ø 25.4					
Ø 28.6			Hexagonal wrench 10 mm		

10.4 Leak test and vacuum drying

It is very important that all refrigerant piping work is done before the units (outdoor or indoor) are powered on.

When the units are powered on, the expansion valves will initialize. This means that they will close. Leak test and vacuum drying of field piping and indoor units is impossible when this happens.

Therefore, there will be explained 2 methods for initial installation, leak test and vacuum drying.



10.4.1 General guidelines

- Use a 2-stage vacuum pump with a non-return valve which can evacuate to a gauge pressure of –100.7 kPa (5 Torr absolute, –755 mm Hg).
- Connect the vacuum pump to the service port of all 3 stop valves to increase efficiency (refer to "10.4.4.Setup").

NOTICE

Do not purge the air with refrigerants. Use a vacuum pump to evacuate the installation.

10.4.2 Installation of refrigerant piping, leak test, vacuuming before electrical installation is done (regular installation method)

When all piping work is complete, it is necessary to:

- Check for any leakages in the refrigerant piping.
- Perform vacuum drying to remove all moisture, air or nitrogen in the refrigerant piping.

If there is a possibility of moisture being present in the refrigerant piping (for example, rainwater may have entered the piping), carry out the vacuum drying procedure below until all moisture has been removed.

All piping inside the unit has been factory tested for leaks.

Only field installed refrigerant piping needs to be checked. Therefore, make sure that all the outdoor unit stop valves are firmly closed before performing leak test or vacuum drying.

NOTICE

Make sure that all (field supplied) field piping valves are OPEN (not outdoor unit stop valves!) before you start leak test and vacuuming.

10.4.3 Installation of refrigerant piping, leak test, vacuuming after electrical installation is done on any indoor or outdoor unit

Apply outdoor unit setting [2-21]=1 before starting leak test and vacuuming.
This setting will open field expansion valves to guarantee a R410A piping pathway.

NOTICE

- Make sure that all (field supplied) field piping valves are OPEN (not outdoor unit stop valves!) before you start leak test and vacuuming.
- Make sure that all indoor units connected to the outdoor unit are powered on.
- Wait until the outdoor unit has finished the initialisation to apply setting [2-21].

When all piping work is complete, it is necessary to:

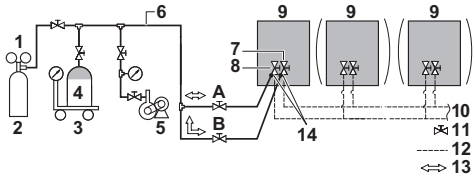
- Check for any leakages in the refrigerant piping.
- Perform vacuum drying to remove all moisture, air or nitrogen in the refrigerant piping.

If there is a possibility of moisture being present in the refrigerant piping (for example, rainwater may have entered the piping), first carry out the vacuum drying procedure below until all moisture has been removed.

All piping inside the unit has been factory tested for leaks.

Only field installed refrigerant piping needs to be checked. Therefore, make sure that all the stop valves are firmly closed before performing leak test or vacuum drying. (See “10.4.4 Set up” and “10.4 Leak test and vacuum drying”)

10.4.4 Setup



1 Pressure reducing valve
2 Nitrogen
3 Measuring instrument
4 Refrigerant R410A tank (siphon system)
5 Vacuum pump
6 Charge hose
7 Gas line stop valve
8 Liquid line stop valve
9 Outdoor unit
10 To indoor unit
11 Stop valve
12 Field piping
13 Gas flow
14 Stop valve service port
A Valve A
B Valve B

Which valves?	State of valves
State of the valves A and B and the stop valve	Performing the airtightness test and vacuum drying
Valve A	Open
Valve B	Open
Liquid side stop valve	Close
Gas side stop valve	Close

NOTICE

The connections to the indoor units and all indoor units should also be leak and vacuum tested. Keep any possible (field supplied) field piping valves open as well.

Refer to the indoor unit installation manual for more details. Leak test and vacuum drying should be done before the power supply is set to the unit. If not, see also the flow chart earlier described in this chapter (see "10.4.Leak test and vacuum drying").

10.4.5 Leak test

The leak test must satisfy the specifications of EN 378-2:

1 Vacuum leak test:

1.1 Evacuate the system from the liquid and gas piping to –100.7 kPa (5 Torr) for more than 2 hours.

1.2 Once reached, turn off the vacuum pump and check that the pressure does not rise for at least 1 minute.

1.3 Should the pressure rise, the system may either contain moisture (see vacuum drying below) or have leaks.

2 Pressure leak test:

2.1 Break the vacuum by pressurizing with nitrogen gas to a minimum gauge pressure of 0.2 MPa (2 bar). Never set the gauge pressure higher than the maximum operation pressure of the unit, i.e. 4.0 MPa (40 bar).

2.2 Test for leaks by applying a bubble test solution to all piping connections.

2.3 Discharge all nitrogen gas.

NOTICE

Make sure to use a recommended bubble test solution from your wholesaler. Do not use soap water, which may cause cracking of flare nuts (soap water may contain salt, which absorbs moisture that will freeze when the piping gets cold), and/or lead to corrosion of flared joints (soap water may contain ammonia which causes a corrosive effect between the brass flare nut and the copper flare.

10.4.6 Vacuum drying

To remove all moisture from the system, proceed as follows:

1 Evacuate the system for at least 2 hours to a target vacuum of –100.7 kPa.

2 Check that, with the vacuum pump turned off, the target vacuum is maintained for at least 1 hour.

3 Should you fail to reach the target vacuum within 2 hours or maintain the vacuum for 1 hour, the system may contain too much moisture.

4 In that case, break the vacuum by pressurizing with nitrogen gas to a gauge pressure of 0.05 MPa (0.5 bar) and repeat steps 1 to 3 until all moisture has been removed.

5 The outdoor stop valves can now be opened, and/or additional refrigerant can be charged (see "14.3 Method for adding refrigerant" on page 30).

INFORMATION

After opening the stop valve, it is possible that the pressure in the refrigerant piping does not rise. This might be caused by e.g., the closed state of the expansion valve in the outdoor unit circuit, but does not present any problem for correct operation of the unit.

NOTICE

The connections to the indoor units and all indoor units should also be leak and vacuum tested. Keep, if existing, all (field supplied) field valves to the indoor units open as well.

Leak test and vacuum drying should be done before the power supply is set to the unit. If not, see "10.4 Leak test and vacuum drying" for more information.

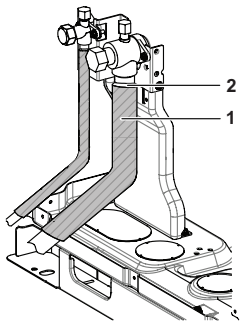
11. Pipe insulation

After finishing the leak test and vacuum drying, the piping must be insulated. Take into account the following points:

- Make sure to insulate the connection piping and refrigerant branch kits entirely.
- Be sure to insulate the liquid and gas piping (for all units).
- Use heat resistant polyethylene foam which can withstand a temperature of 70°C for liquid piping and gas piping.
- Reinforce the insulation on the refrigerant piping according to the installation environment.

Ambient temperature	Humidity	Minimum thickness
≤30°C	75% to 80% RH	15 mm
>30°C	≥80% RH	20 mm

- If there is a possibility that condensation on the stop valve might drip down into the indoor unit through gaps in the insulation and piping because the outdoor unit is located higher than the indoor unit, this must be prevented by sealing up the connections. See below figure.



1 Insulation material
2 Caulking etc.

12. Electrical wiring work

12.1 Precautions on electrical wiring work

WARNING

Electrical installation. All field wiring and components must be installed by a licensed electrician and must comply with the applicable legislation.

NOTICE

Electrical wiring work recommendations. To persons in charge of electrical wiring work: Do not operate the unit until the refrigerant piping is complete. "10.4 Leak test and vacuum drying". Running the unit before the piping is ready will break the compressor.

DANGER: Electrical shock

See "2. General safety precautions" on page 2.

WARNING

- A main switch or other means for disconnection, having a contact separation in all poles, must be incorporated in the fixed wiring in accordance with the applicable legislation.
- Use only copper wires.
- All field wiring must be carried out in accordance with the wiring diagram supplied with the unit and the instructions given below.
- Never squeeze bundled cables and be sure that it does not come in contact with the non-insulated piping and sharp edges. Be sure no external pressure is applied to the terminal connections.
- Power supply wires must be attached securely.
- If the power supply has a missing or wrong N-phase, equipment will break down.
- Be sure to establish an earth. Do not earth the unit to a utility pipe, surge absorber, or telephone earth. Incomplete earth may cause electrical shock.
- Be sure to install an earth leakage protector in accordance with the applicable legislation. Failure to do so may cause electric shock or fire.
- Be sure to use a dedicated power circuit, never use a power supply shared by another appliance.

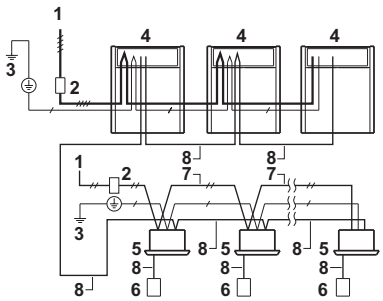
WARNING

- When installing the earth leakage protector be sure that it is compatible with the inverter (resistant to high frequency electric noise) to avoid unnecessary opening of the earth leakage protector.
- As this unit is equipped with an inverter, installing a phase advancing capacitor not only will deteriorate power factor improvement effect, but also may cause a capacitor abnormal heating accident due to high-frequency waves. Therefore, never install a phase advancing capacitor.
- Be sure to install the required fuses or circuit breakers.
- Do not operate until refrigerant piping work is completed. (If operated before completion of the piping work, the compressor may break down.)
- Never remove a thermistor, sensor, etc., when connecting power wiring and transmission wiring. (If operated without thermistor, sensor, etc., the compressor may break down.)
- The reversed phase protection detector of this product only functions when the product starts up. Consequently reversed phase detection is not performed during normal operation of the product.
- The reversed phase protection detector is designed to stop the product in the event of an abnormality when the product is started up.
- Replace two of the three phases (L1, L2, and L3) during reverse-phase protection abnormality.
- If there exists the possibility of reversed phase after a momentary black out and the power goes on and off while the product is operating, attach a reversed phase protection circuit locally. Running the product in reversed phase can break the compressor and other parts.

12.2 System overview of field wiring

Field wiring consists of power supply (always including earth) and indoor-outdoor communication (= transmission) wiring.

Examples:



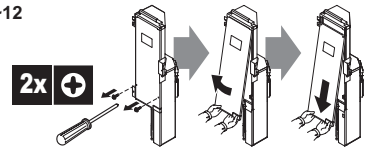
1 Field power supply (with earth leakage protector)
2 Main switch
3 Earth connection
4 Outdoor unit
5 Indoor unit
6 User interface
7 Power supply wiring (sheathed cable)
8 Transmission wiring (sheathed cable) (16 V)
Power supply 3N~ 50/60 Hz
Power supply 1~ 50/60 Hz
Earth wiring

12.3 Opening and closing the electrical component box

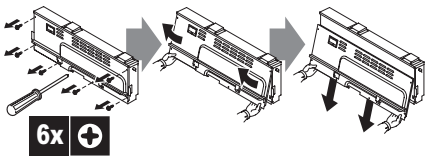
CAUTION

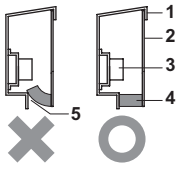
- Do not apply excessive force when opening the electronic component box cover. Excessive force can deform the cover, resulting in entering of water to cause equipment failure.
- When closing the electrical component box cover, make sure that the sealing material on the lower back side of the cover is not caught and bend towards the inside.

RXQ6~12



RXQ14~20





1 Electrical component box cover
2 Front side
3 Power supply terminal block
4 Sealing material
5 Moisture and dirt could enter
X Not allowed
O Allowed

21

12.4 Requirements

The power supply must be protected with the required safety devices, i.e. a main switch, a slow blow fuse on each phase and an earth leakage protector in accordance with the applicable legislation.

Selection and sizing of the wiring should be done in accordance with the applicable legislation based on the information mentioned in the table below.

	Minimum circuit ampere	Recommended fuses
RXQ6	16.1 A	20 A
RXQ8	16.1 A	20 A
RXQ10	22.0 A	25 A
RXQ12	24.0 A	25 A
RXQ14	28.0 A	35 A
RXQ16	31.0 A	35 A
RXQ18	31.0 A	35 A
RXQ20	40.0 A	50 A
RXQ22	46.0 A	50 A
RXQ24	46.0 A	50 A
RXQ26	52.0 A	60 A
RXQ28	55.0 A	60 A
RXQ30	55.0 A	60 A
RXQ32	62.0 A	70 A
RXQ34	62.0 A	70 A
RXQ36	71.0 A	80 A
RXQ38	77.0 A	90 A
RXQ40	77.0 A	90 A
RXQ42	84.0 A	100 A
RXQ44	86.0 A	100 A
RXQ46	90.0 A	100 A
RXQ48	93.0 A	110 A
RXQ50	93.0 A	110 A
RXQ52	93.0 A	110 A
RXQ54	93.0 A	110 A
RXQ56	102.0 A	125 A
RXQ58	111.0 A	125 A
RXQ60	120.0 A	150 A
For all models: Phase and frequency: 3N~ 50/60 Hz Voltage: 380-415 V / 380 V Transmission line section: 0.75~1.25 mm^2, maximum length is 1000 m.		

If the total transmission wiring exceeds these limits, it may result in communication error.

NOTICE

When using residual current operated circuit breakers, be sure to use a high-speed type 300 mA rated residual operating current.

12.5 Routing

It is important to keep the powersupply and the transmission wiring separated from each other. In order to avoid any electrical interference the distance between both wiring should always be at least 25 mm.

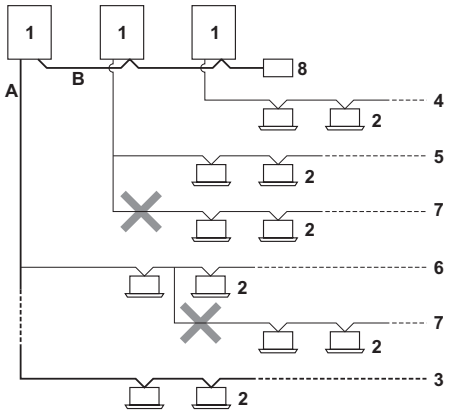
12.5.1 Transmission wiring routing

The transmission wiring outside the unit should be wrapped and routed together with the field piping.

Field piping can be routed from front or bottom of the unit (going left or right). Refer to "10.2.Connecting the refrigerant piping" on page 16.

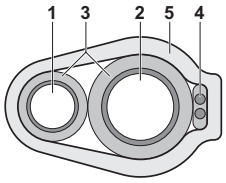
Rules for transmission wiring routing

- Be sure to follow the limits below. If the unit-to-unit cables are beyond these limits, it may result in malfunction of transmission:
  - Maximum wiring length: 1000 m.
  - Total wiring length: 2000 m.
  - Maximum inter unit wiring length between outdoor units: 30 m.
  - Maximum number of branches: 16.
  - Maximum number of independent interconnectable systems: 10.
- Up to 16 branches are possible for unit-to-unit cabling. No branching is allowed after branching (see figure below).



1 Outdoor unit
2 Indoor unit
3 Main line
4 Branch line 1
5 Branch line 2
6 Branch line 3
7 No branch is allowed after branch
8 Central user interface (etc...)
A Transmission wiring between outdoor unit and indoor unit(s)
B Transmission wiring between outdoor units

- Never connect the power supply to transmission wiring terminal block. Otherwise the entire system may break down.
- Never connect 400 V to the terminal block of the transmission wiring. Doing so will break the entire system:
  - The wiring from the indoor units must be connected to the F1/F2 (In-Out) terminals on the PC board in the outdoor unit.
  - After installing the transmission wires inside the unit, wrap them along with the on-site refrigerant pipes using finishing tape, as shown in figure below.



1 Liquid pipe
2 Gas pipe
3 Insulator
4 Transmission wiring (F1/F2)
5 Finishing tape

For the above wiring, always use vinyl cords with 0.75 to 1.25mm^2 sheath or cables (2-core wires).

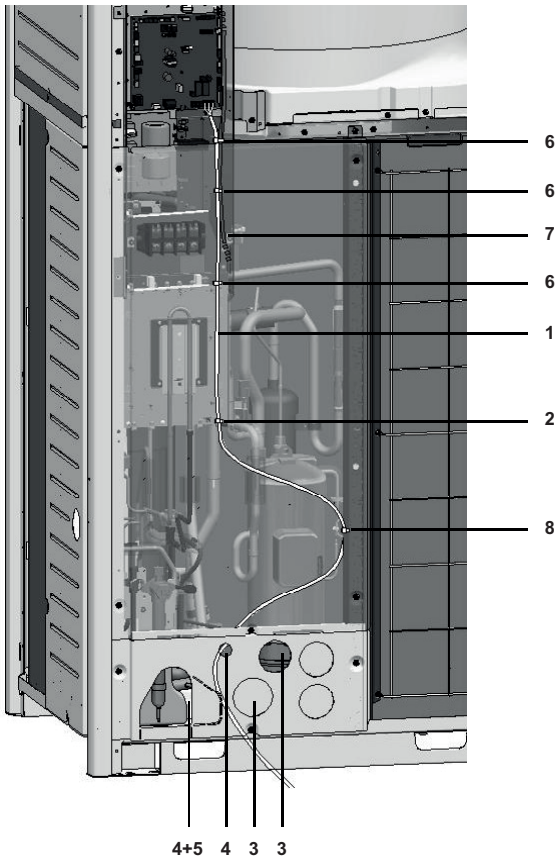
NOTICE

- Be sure to keep the power line and transmission line apart from each other. Transmission wiring and power supply wiring may cross, but may not run parallel.
- Transmission wiring and power supply wiring may not touch internal piping (except INV PCB cooling pipe) in order to avoid wire damage due to high temperature piping.
- Firmly close the lid and arrange the electrical wires so as to prevent the lid or other parts from coming loose.

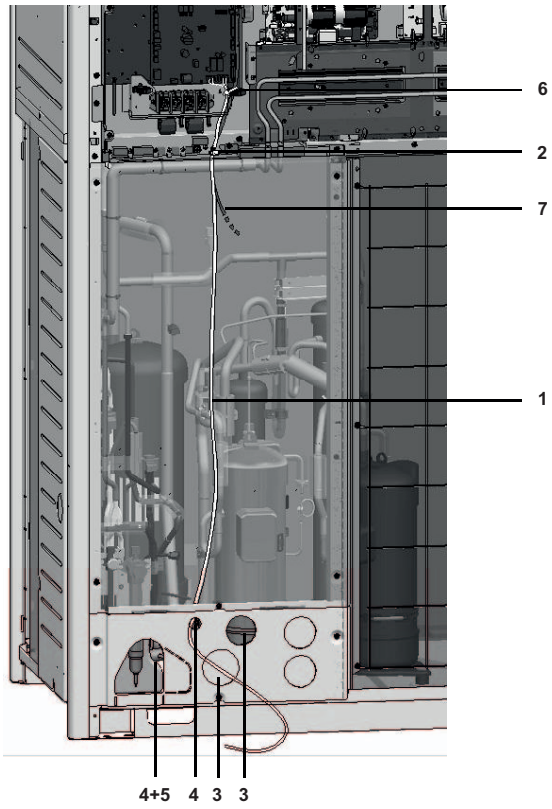
Transmission wiring routing to the unit and inside the unit.
Transmission wiring can be routed through the front side only:

- Fix transmission wire with tie wrap (1) to low voltage wiring. See figures below, item 6.
- Possible transmission wire entrance hole (close hole to avoid bugs/dirt from entering). See figures below, item 4.
- Possible transmission wire entrance hole (close hole to avoid bugs/dirt from entering). Fix transmission wiring to pipe insulation with tie wraps. See figures below, item 5.
- Inside the electronic component box, the transmission wire should be fixed on several locations with tie wraps to low voltage wiring. See figures below, items 2 and 6.
- Fix transmission wire with tie wrap (2) to heat exchanger fixing plate (hole). See figures below, item 8.

RXQ6~12



RXQ14~20



1 Transmission wiring
2 Fix wiring with tie wrap
3 Possible power supply wire entrance hole(a)
4 Possible transmission wire entrance hole(a)
5 Possible transmission wire entrance hole.(a) Fix wiring to pipe insulation with tie wraps
6 Inside the electronic component box, the wiring should be fixed on several locations with tie wraps to the factory mounted low voltage wiring.
7 Factory mounted low voltage wiring
8 Fix wiring with tie wrap (2) to heat exchanger fixing plate (hole).

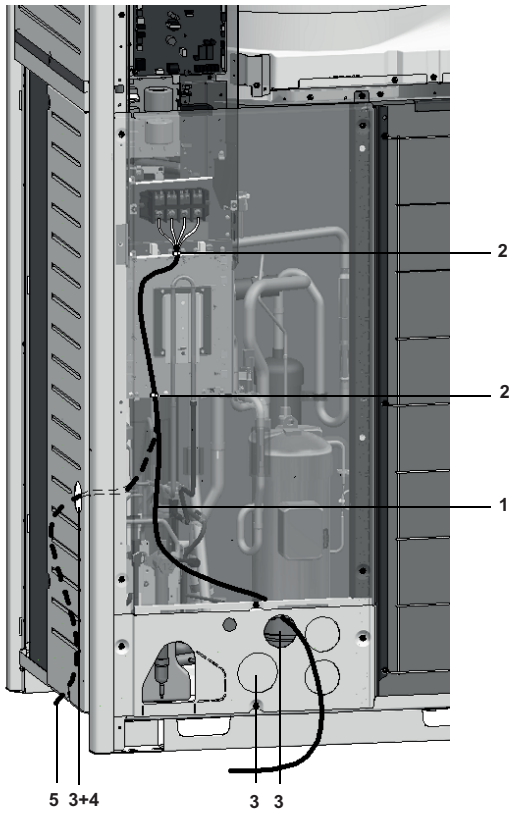
(a) Knockout hole has to be removed. Close the hole to avoid small animals or dirt from entering.

12.5.2 Power supply wiring routing

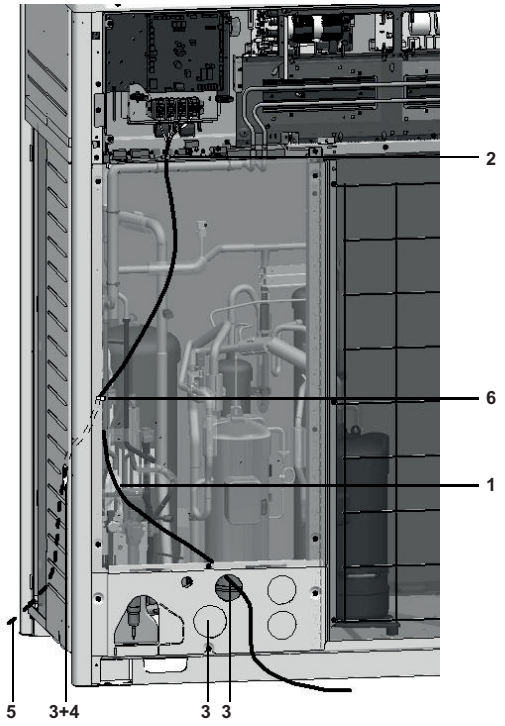
Power supply wire routing to the unit and inside the unit. The power supply wiring can be routed from the front and left side.

- Front side. In order to route the power supply from the front side, the available knockout holes can be used:
  - Fix the power supply cable to the foreseen wire clips with a tie wrap. See figures below, item 2.
  - Front plate: possible power supply wire entrance hole (close hole to avoid bugs/dirt from entering). See figures below, item 3.
  - Side plate: possible power supply wire entrance hole (close hole to avoid bugs/dirt from entering). Use conduit. See figures below, item 4.

RXQ6~12



RXQ14~20

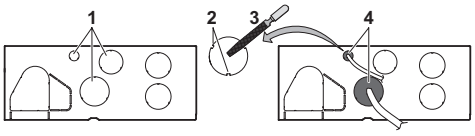


1 Power supply wire
2 Fix wiring with tie wrap
3+4 Possible power supply wire entrance hole(a)
5 Alternative power supply routing
6 Fix wiring with tie wrap to support plate.

(a) Knockout hole has to be removed. Close the hole to avoid small animals or dirt from entering.

12.5.3 Precautions when knocking out knockout holes

- To punch a knockout hole, hit on it with a hammer.
- After knocking out the holes, we recommend removing any burrs and paint the edges and areas around the holes using repair paint to prevent rusting.
- When passing electrical wiring through the knockout holes. prevent damage to the wires by wrapping the wiring with protective tape, putting the wires through field supplied protective wire conduits at that location, or install suitable field supplied wire nipples or rubber bushings into the knockout holes.



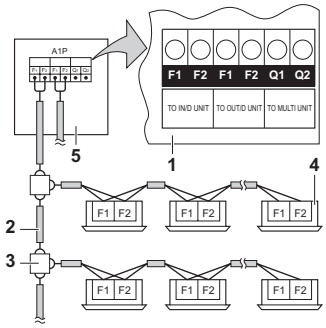
1 Knockout hole
2 Burr
3 Remove burrs
4 If there are any possibilities that small animals enter the system through the knockout holes, plug the holes with packing materials (to be prepared on-site)

12.6 Connection

This chapter gives an explanation how to route and connect the wiring within the unit.

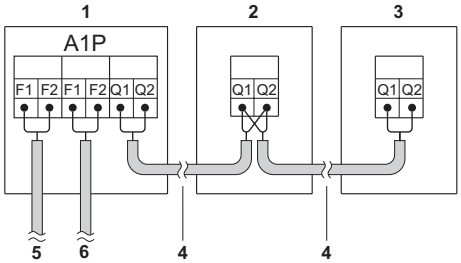
12.6.1 Connection of transmission wiring to the system

In case of single outdoor unit installation



1 Outdoor unit PCB board (A1P)
2 Use the conductor of sheathed wire (2 wire) (no polarity)
3 Terminal board (field supply)
4 Indoor unit
5 Outdoor unit

In case of multi outdoor unit installation

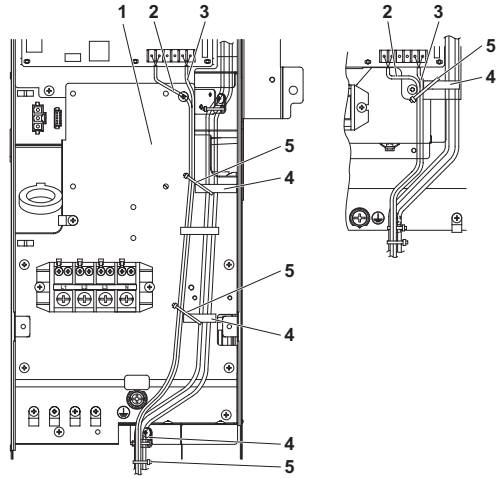


1 Unit A (master unit)
2 Unit B (slave unit)
3 Unit C (slave unit)
4 Inter unit transmission wiring (Q1/Q2)
5 Outdoor-indoor unit transmission (F1/F2)
6 Outdoor-other system transmission (F1/F2)

- The interconnecting wiring between the outdoor units in the same piping system must be connected to the Q1/Q2 (Out Multi) (4) terminals. Connecting the wires to the F1/F2 terminals results in system malfunction.
- The wiring for the other systems must be connected to the F1/F2 (Out-Out) (6) terminals of the PCB board in the outdoor unit to which the interconnecting wiring for the indoor units is connected.
- The base unit is the outdoor unit to which the interconnecting wiring for the indoor units is connected.

12.6.2 Connection of wiring to terminals

Transmission wiring in outdoor unit



1 Fix to the indicated plastic brackets using field supplied clamping material
2 Wiring between the units (indoor-outdoor) (F1/F2 left)
3 Internal transmission wiring (Q1/Q2)
4 Plastic bracket
5 Field supplied clamps

Care should be taken for connecting the wires to the terminal block.

See the table below for the tightening torque of the transmission wiring terminals.

Screw size	Tightening torque (N•m)
M3.5 (A1P)	0.80~0.96

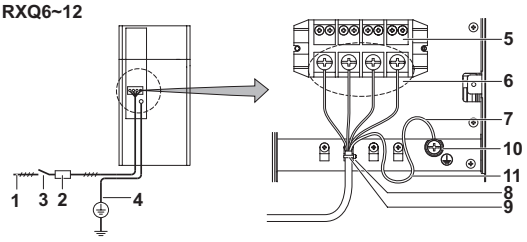
- Never connect the power supply to transmission wiring terminal block. Otherwise the entire system may break down.
- Be careful about polarity of the transmission wiring.

Power supply

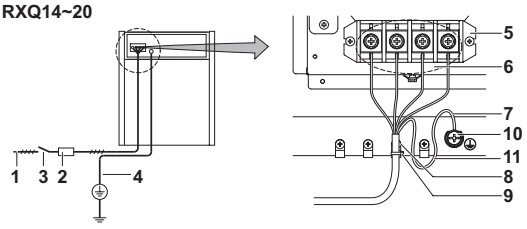
The power supply must be clamped to the plastic bracket using field supplied clamp material.

The green and yellow striped wire must be used for earthing only (refer to the figure below).

RXQ6~12



RXQ14~20



1 Power supply (380~415 V - 3N~ 50 Hz / 380 V - 3N~60 Hz)
2 Fuse
3 Earth leakage protector
4 Earth wire
5 Power supply terminal block
6 Connect each power wire: RED to L1, WHT to L2, BLK to L3 and BLU to N
7 Earth wire (GRN/YLW)
8 Clamp the power supply to the plastic bracket using a field supplied clamp to prevent external force being applied to the terminal.
9 Clamp (field supplied)
10 Cup washer
11 When connecting the earth wire, it is recommended to perform curling.

NOTICE

- When routing earth wires, secure clearance of 25 mm or more away from compressor lead wires. Failure to observe this instruction properly may adversely affect correct operation of other units connected to the same earth.
- When connecting the power supply, the earth connection must be made before the current-carrying connections are established. When disconnecting the power supply, the current-carrying connections must be separated before the earth connection is. The length of the conductors between the power supply stress relief and the terminal block itself must be as such that the current-carrying wires are tautened before the earth wire is in case the power supply is pulled loose from the stress relief.

NOTICE

Precautions when laying power wiring:

- Do not connect wiring of different thicknesses to the power terminal block (slack in the power wiring may cause abnormal heat).
- When connecting wiring which is the same thickness, do as shown in the figure below.



- For wiring, use the designated power wire and connect firmly, then secure to prevent outside pressure being exerted on the terminal board.
- Use an appropriate screwdriver for tightening the terminal screws. A screwdriver with a small head will damage the head and make proper tightening impossible.
- Over-tightening the terminal screws may break them.
- See the table below for tightening torque for the terminal screws.

Tightening torque (N•m)	
M8 (Power terminal block)	5.5~7.3
M8 (Ground)	
M3.5 (Inter-unit wiring terminal block)	0.8~0.96

NOTICE

Recommendations when connecting the earth wire

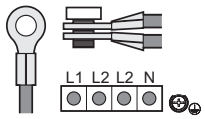
Wire it so that it comes through the cut out section of the cup washer. (An improper earth connection may prevent a good earthing from being achieved.)

Connecting the power supply to multiple outdoor units

To connect the power supply for multiple outdoor units to each other, ring tongues have to be used. No bare cable can be used.

The ring washer which is standard provided should be removed in that case.

Attaching both cables to the power supply terminal should be done as indicated.



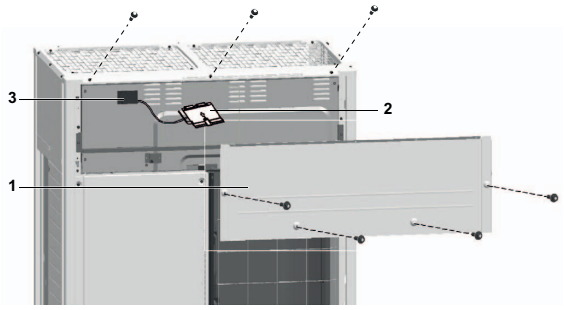
13. Making field settings

To continue the configuration of the VRV IV cooling only system, it is required to give some input to the logic board of the unit. This chapter will describe how manual input is possible by operating the push buttons/DIP switches on the logic board and reading the feedback from the 7 segment displays.

13.1 Accessing the push buttons on the logic board

It is not required to open the complete electronic component box to access the push buttons on the logic board and read out the 7 segment display(s).

To access you can remove the front plate (see figure). Now you can open the inspection cover of the electrical component box front plate (see figure). You can see the three push buttons and the three 7 segment displays and DIP switches.

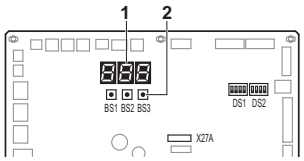


1 Front plate
2 Inspection cover
3 Main PCB with 3 seven segment display and 3 push buttons

Operate the switches and push buttons with an insulated stick (such as a closed ball-point pen) to avoid touching of live parts.



Location of the segment displays, buttons and DIP switches:



BS1 MODE for changing the set mode
BS2 SET for field setting
BS3 RETURN for field setting
DS1, DS2 DIP switches
1 7 segment displays (3x)
2 Push buttons

Segment display indications:

Off
Blinking
On

13.2 Operating the push buttons and DIP switches on the logic board

13.2.1 Operating the push buttons

By operating the push buttons it is possible to:

- Perform special actions (testrun, etc).
- Perform field settings (demand operation, low noise, etc).

Below procedure explains how to operate the push buttons to reach the required mode in the menu, select the correct setting and modify the value of the setting. This procedure can be used any time special settings and regular field setting are discussed in this manual.

Setting definition: [A-B]=C; A=mode; B=setting; C=setting value. A, B and C are numerical values for field settings. Parameter C has to be defined. It can be a chosen from a set (0, 1, 2, 3, 4, 5, …) or regarded as an ON/OFF (1 or 0) depending on the contents. This is informed when the field setting is explained.

INFORMATION

During special operation (e.g., test run, etc.) or when an malfunction happened, information will contain letters and numerical values.

Functions of the push button switches which are located on the outdoor PCB (A1P)

Turn on the power supply of the outdoor unit and all indoor units. When the communication between indoor units and outdoor unit(s) is established and normal, the segment indication state will be as below (default situation when shipped from factory).

When turning on the power supply: flashing as indicated. First checks on power supply are executed (1~2 min).



When no trouble occurs: lighted as indicated (8~10 min).



Ready for operation: blank display indication as indicated.



21

When above situation cannot be confirmed after 12 min, the malfunction code can be checked on the indoor unit user interface and the outdoor unit segment display. Solve the malfunction code accordingly. The communication wiring should be checked at first.

Accessing modes

BS1 is used to change the mode you want to access.

- **Access mode 1**
  Push BS1 one time. Segment indication changes to:



- **Access mode 2**
  Push BS1 for at least 5 seconds. Segment indication changes to:



INFORMATION

If you get confused in the middle of the process, push BS1. Then it returns to idle situation (no indication on segment displays: blank)

Mode 1

Mode 1 is used to set basic settings and to monitor the status of the unit.

- Changing and access the setting in mode 1:
  Once mode1 is selected (push BS1 1 time), you can select the wanted setting. It is done by pushing BS2. Accessing the selected setting's value is done by pushing BS3 1 time.
- To quit and return to the initial status, press BS1.

Example:

Checking the content of parameter [1-10] (to know how many indoor units are connected to the system).

[A-B]=C in this case defined as: A=1; B=10; C=the value we want to know/monitor:

- Make sure the segment indication is as during normal operation (default situation when shipped from factory).
- Push BS1 1 time; result segment display:



  Result: mode 1 is accessed.
- Push BS2 10 times; result segment display:



  Result: mode 1 setting 10 is addressed.
- Push BS3 1 time; the value which is returned (depending on the actual field situation), is the amount of indoor units which are connected to the system.
  Result: mode1 setting 10 is addressed and selected, return value is monitored information
- To leave the monitoring function, push BS1 1 time, you will return to the default situation when shipped from factory.

Mode 2

Mode2 is used to set field settings of the outdoor unit and system.

- Changing and access the setting in mode 2:
  Once mode 2 is selected (push BS1 for more than 5 seconds), you can select the wanted setting. It is done by pushing BS2. Accessing the selected setting's value is done by pushing BS3 1 time.
- To quit and return to the initial status, press BS1.
- Changing the value of the selected setting in mode 2:
  - Once mode 2 is selected (push BS1 for more than 5 seconds) you can select the wanted setting. It is done by pushing BS2.
  - Accessing the selected setting's value is done by pushing BS3 1 time.
  - Now BS2 is used to select the required value of the selected setting.
  - When the required value is selected, you can define the change of value by pushing BS3 1 time.
  - Press BS3 again to start operation according to the chosen value.

Example:

Checking the content of parameter [2-18] (to define the high static pressure setting of the outdoor unit's fan).

[A-B]=C in this case defined as: A=2; B=18; C=the value we want to know/change

- Make sure the segment indication is as during normal operation (default situation when shipped from factory).
- Push BS1 for over 5 seconds; result segment display:



  Result: mode 2 is accessed.
- Push BS2 18 times; result segment display:



  Result: mode 2 setting 18 is addressed.
- Push BS3 1 time; the value which is returned (depending on the actual field situation), is the status of the setting. In the case of [2-18], default value is "0", which means the function is not active.
  Result: mode2 setting 18 is addressed and selected, return value is the current setting situation.
- To change the value of the setting, push BS2 till the required value appears on the segment indication. When achieved, define the setting value by pushing BS3 1 time. To start operation according to the chosen setting, confirm again by pushing BS3.
- To leave the monitoring function, push BS1 2 times, you will return to the default situation when shipped from factory.

13.2.2 Operating the DIP switches

By operating the DIP switches it is possible to:

	What to do with DIP switch DS1
1	OFF=not installed=factory setting
2-4	NOT USED DO NOT CHANGE THE FACTORY SETTING
	What to do with DIP switch DS2
1-4	NOT USED DO NOT CHANGE THE FACTORY SETTING

14. Charging refrigerant

14.1 Precautions

NOTICE

- Refrigerant cannot be charged until field wiring has been completed.
- Refrigerant may only be charged after performing the leak test and the vacuum drying.
- When charging a system, care shall be taken that its maximum permissible charge is never exceeded, in view of the danger of liquid hammer.
- Charging with an unsuitable substance may cause explosions and accidents, so always ensure that the appropriate refrigerant R410A is charged.
- Refrigerant containers shall be opened slowly.
- Always use protective gloves and protect your eyes when charging refrigerant.
- When the refrigerant system is to be opened, refrigerant must be treated according to the applicable legislation.

DANGER: Electrical shock

See "2. General safety precautions" on page 2.

- To avoid compressor breakdown. Do not charge the refrigerant more than the specified amount.
- This outdoor unit is factory charged with refrigerant and depending on pipe sizes and pipe lengths some systems require additional charging of refrigerant.
- In case re-charge is required, refer to the nameplate of the unit. It states the type of refrigerant and necessary amount.

14.2 Calculating the additional refrigerant charge

How to calculate the additional refrigerant to be charged

Additional refrigerant to be charged=R (kg). R should be rounded off in units of 0.1 kg.

R=[(X_1 @ **Ø22.2**) x 0.36+(X_2 @ **Ø19.1**) x 0.26+(X_3 @ **Ø15.9**) x 0.17+ (X_4 @ **Ø12.7**) x 0.11+(X_5 @ **Ø9.5**) x 0.057+(X_6 @ **Ø6.4**) x 0.022]+A

$X_{1...6}$ =Total length (m) of liquid piping size at **Øa**

A parameter (kg)	Total indoor unit capacity CR[(a)]	HP			
		6~8	10~12	14~18	20
Piping length≤30 m	50%≤CR≤105%	0			0.5
	105%<CR≤130%	0.5			1
Piping length>30 m	50%≤CR≤70%	0			0.5
	70%<CR≤85%	0.3	0.5		1.0
	85%<CR≤105%	0.7	1		1.5
	105%<CR≤130%	1.2	1.5		2.0

(a) CR=Connection ratio.

Piping length is considered the distance from the outdoor unit to the farthest indoor unit.

When using metric piping, please take into account following table concerning the weight factor to be allocated. It should be substituted in the formula for R.

Inch piping size (Ø) (mm)	Weight factor
Ø6.4 (1/4")	0.022
Ø9.5 (3/8")	0.057
Ø12.7 (1/2")	0.11
Ø15.9 (5/8")	0.17
Ø19.1 (3/4")	0.26
Ø22.2 (7/8")	0.36

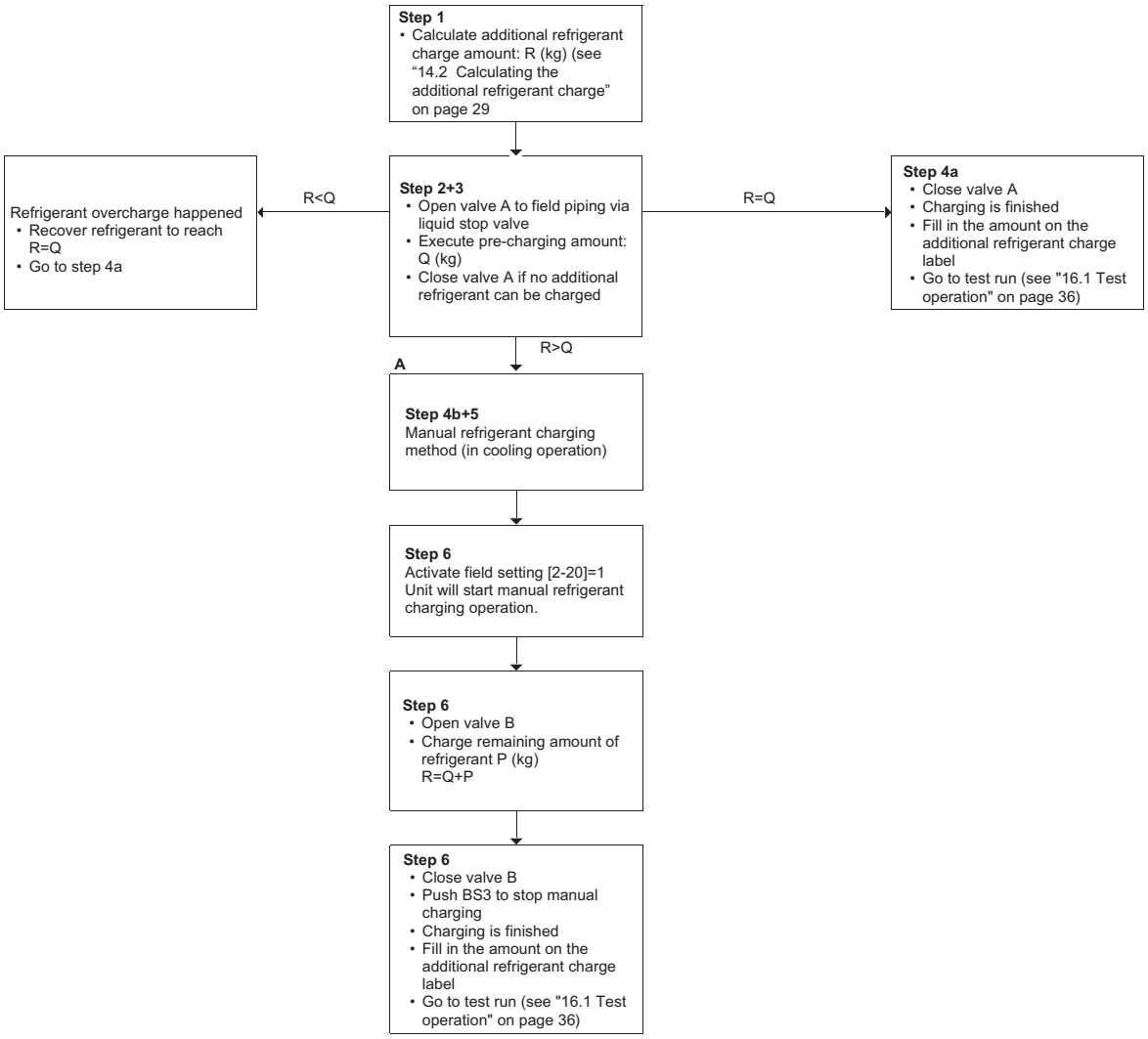
When selecting indoor unit, following table with connection ratio limitation has to be respected. More detailed information can be found in technical engineering data.

Used indoc units	Total capacity CR[(a)]	Allowable capacity connection ratio	
		VRV	RA
VRV	50~130%	50~130%	—
VRV + RA	50~130%	0~130%	0~130%
RA	50~130%	—	50~130%

(a) Connection ratio.

14.3 Method for adding refrigerant

14.3.1 Flow chart

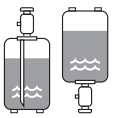


See figure "Location of valves" on page 31; for more information refer to the text in this chapter.

Be sure to charge the specified amount of refrigerant in liquid state. Since this refrigerant is a mixed refrigerant, adding it in gas form may cause the refrigerant composition to change, preventing normal operation.

- Before charging, check whether the refrigerant cylinder is equipped with a siphon tube or not.

Charge the liquid refrigerant with the cylinder in upright position.



Charge the liquid refrigerant with the cylinder in upside-down position.

- Be sure to use tools exclusively for R410A to ensure required pressure resistance and to prevent foreign materials from mixing into the system.

CAUTION

- When the refrigerant charging procedure is done or when pausing, close the valve of the refrigerant tank immediately. If the tank is left with the valve open, the amount of refrigerant which is properly charged may get off point. More refrigerant may be charged by any remaining pressure after the unit has stopped.

NOTICE

- If the power of some units is turned off, the charging procedure cannot be finished properly.
- In case of a multiple outdoor system, turn on the power of all outdoor units.
- Make sure to turn ON the power 6 hours before starting the operation. This is necessary to warm the crankcase by the electric heater.
- If operation is performed within 12 minutes after the indoor and outdoor units are turned on, the compressor will not operate before the communication is established in a correct way between outdoor unit(s) and indoor units.
- Before starting charging procedures, check if the segment display indication of the outdoor unit A1P PCB is as normal (see "Functions of the push button switches which are located on the outdoor PCB (A1P)" on page 27). If a malfunction code is present, see "16.2. Malfunction code list" on page 37.
- Make sure all connected indoor units are recognised
- Close the front panel before any refrigerant charge operation is executed. Without the front panel attached the unit cannot judge correctly whether it is operating properly or not.

NOTICE

In case of maintenance and the system (outdoor unit+field piping+indoor units) does not contain any refrigerant any more (e.g., after refrigerant reclaim operation), the unit has to be charged with its original amount of refrigerant (refer to the nameplate on the unit) by pre-charging before the automatic charging function can be started.

14.3.2 Charging method

As explained during vacuum drying method, once vacuum drying is finished, additional refrigerant charging can start.

Adding refrigerant by using the manual refrigerant charging function. See "Adding refrigerant by using the manual charging function" on page 32. This method uses a manual method for charging refrigerant.

A flow chart is available which gives an overview of the possibilities and actions to be taken (see "14.3.1 Flow chart" on page 30).

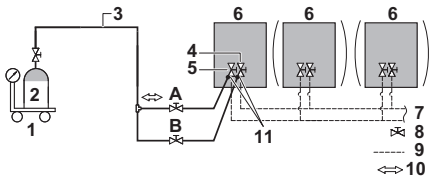
To speed up the process of pre-charging refrigerant for large systems, it is recommended to first charge a portion of the refrigerant before performing charging. This step is included in below procedure. This step can be skipped, charging will take longer in such a case.

Follow the steps as described below and take into account whether you want to use the automatic charge function or not.

1 Calculate the additional amount of refrigerant to be added using the formula mentioned in "14.2 Calculating the additional refrigerant charge" on page 29.

2 The first 10 kg of additional refrigerant can be charged without outdoor unit operation.
If the additional refrigerant amount is smaller than 10 kg, perform the pre-charging procedure as explained in step 3 and 4a below.
If the additional refrigerant charge is larger than 10 kg, perform step 3 till the end of the procedure.

3 Pre-charging can be done without compressor running by connecting the refrigerant bottle only to the liquid stop valve service port (open valve A). Make sure that the stop valves are closed (valve B+liquid line stop valve+gas line stop valve



1 Measuring instrument
2 Refrigerant R410A tank (siphon system)
3 Charge hose
4 Gas line stop valve
5 Liquid line stop valve
6 Outdoor unit
7 To indoor unit
8 Stop valve
9 Field piping
10 Gas flow
11 Stop valve service port
A Valve A
B Valve B

4 a) If the calculated additional refrigerant amount is reached by above pre-charging procedure, close valve A.
b) If the total amount of refrigerant could not be charged by pre-charging, then close valve A and go to step 5. Follow step 6 depending on the chosen charging method.

INFORMATION

If the total additional refrigerant amount was reached in step 4 (by pre-charging only), record the amount of refrigerant that was added on the additional refrigerant charge label provided with the unit and attach it on the back side of the front panel.

Perform the test procedure as described in "16.1. Test operation" on page 36.

5 After pre-charging, perform the refrigerant charge operation as shown below and charge the remaining refrigerant of the additional charging amount through valve B.
Open the liquid and gas side stop valves. Valves A and B must remain closed!

INFORMATION

For a multi outdoor unit system, it is not required to connect all charge ports to a refrigerant tank.

The refrigerant will be charged with ±22 kg in 1 hour time at an outdoor temperature of 30°C DB or with ±6 kg at an outdoor temperature of 0°C DB.

If you need to speed up in case of a multiple outdoor system, connect the refrigerant tanks to each outdoor unit.

NOTICE

- The unit's internal piping is already factory charged with refrigerant, so be careful when connecting the charge hose.
- After adding the refrigerant, do not forget to close the lid of the refrigerant charging port. The tightening torque for the lid is 11.5 to 13.9 N•m.
- In order to ensure uniform refrigerant distribution, it may take the compressor ±10 minutes to start up after the unit has started operation. This is not a malfunction.

Adding refrigerant by using the manual charging function

6 The remaining additional refrigerant charge can be charged by operating the outdoor unit by means of the manual refrigerant charge operation mode:

- Turn on the power of the indoor units and outdoor unit.
- Take all the precautions mentioned in "start-up and configuration" into account.
- Activate outdoor unit setting [2-20]=1 to start manual refrigerant charge mode.
  Result: The unit will start operation. Valve B can be opened. Charging of remaining additional refrigerant can be done. When the remaining calculated additional refrigerant amount is added, close valve B and push BS3 to stop the manual refrigerant charging procedure.

INFORMATION

- The manual refrigerant charge operation will automatically stop within 30 minutes. If charging is not completed after 30 minutes, perform the additional refrigerant charging operation again.
- When a malfunction is detected during the procedure (e.g., in case of closed stop valve), a malfunction code will be displayed. In that case, refer to "16.2 Malfunction code list" on page 37 and solve the malfunction accordingly. Resetting the malfunction can be done by pushing BS3. The procedure can be restarted from 6B).
- Aborting the manual refrigerant charge is possible by pushing BS3. The unit will stop and return to idle condition.

14.3.3 Checks after adding refrigerant

- Are the stop valves for liquid and gas open?
- Is the amount of refrigerant, that has been added, recorded on the refrigerant charge label?

NOTICE

Make sure to open all stop valves after (pre-) charging the refrigerant.

Operating with the stop valves closed will damage the compressor.

15. Monitoring function and field settings

The operation of the outdoor unit can further be defined by changing some field settings. Next to making field settings it is also possible to confirm the current operation parameters of the unit.

Below relevant Monitoring mode (mode 1) and Field setting mode (mode 2) settings are explained in detail. How to access them, how to change the value of the settings and how to confirm them is explained in “13. Making field settings” on page 27. In that chapter, an example is given on how to make a setting. It is advised to check this procedure before accessing, checking and changing below settings.

Once the default situation of the segment indication is confirmed (see “13. Making field settings” on page 27), the mode 1 and mode 2 can be accessed.

Making settings is done via the master outdoor unit.

15.1 Mode 1

Mode 1 can be used to monitor the current situation of the outdoor unit. Some field setting contents can be monitored as well.

Below the settings in mode 1 are explained.

[1-0]= shows whether the unit you check is a master, slave 1 or slave 2 unit
- No indication=undefined situation
- 0=outdoor unit is master unit
- 1=outdoor unit is slave 1 unit
- 2=outdoor unit is slave 2 unit

Master, slave 1 and slave 2 indications are relevant in multiple outdoor unit system configurations. The allocation of which outdoor unit is master, slave 1 or slave 2 are decided by the unit’s logic.

The master unit should be used to input field settings in mode 2

[1-1]= shows the status of low noise operation
- 1=unit is currently operating under low noise restrictions
- 0= unit is currently not operating under low noise restrictions

Low noise operation reduces the sound generated by the unit compared to nominal operating conditions.

Low noise operation can be set in mode 2. There are two methods to activate low noise operation of the outdoor unit system.

The first method is to enable an automatic low noise operation during night time by field setting. The unit will operate at the selected low noise level during the selected time frames.

The second method is to enable low noise operation based on an external input. For this operation an optional accessory is required.

[1-2]= shows the status of power consumption limitation operation
- 1=unit is currently operating under power consumption limitation
- 0=unit is currently not operating under power consumption limitations

Power consumption limitation reduces the power consumption of the unit compared to nominal operating conditions.

Power consumption limitation can be set in mode 2. There are two methods to activate power consumption limitation of the outdoor unit system.

The first method is to enable a forced power consumption limitation by field setting. The unit will always operate at the selected power consumption limitation.

The second method is to enable power consumption limitation based on an external input. For this operation an optional accessory is required.

[1-5]= shows the current T_e target parameter position. Refer to “15.3 Energy saving and optimum operation” on page 35 for more details about the contents of this value

[1-10]= shows the total number of connected indoor units.

It can be convenient to check if the total number of indoor units which are installed match the total number of indoor units which are recognized by the system. In case there is a mismatch, It is advised to check the communication wiring path between outdoor and indoor units (F1/F2 communication line).

[1-13]= shows the total number of connected outdoor units (in case of multiple outdoor system).

It can be convenient to check if the total number of outdoor units which are installed matches the total number of outdoor units which are recognized by the system. In case there is a mismatch, It is advised to check the communication wiring path between outdoor and outdoor units (Q1/Q2 communication line).

[1-17]= shows the latest malfunction code.

[1-18]= shows the malfunction code which occurred 1 time before current malfunction code.

[1-19]= shows the malfunction code which occurred 2 time before current malfunction code.

When the latest malfunction codes were reset by accident on an indoor unit user interface, they can be checked again through this monitoring settings. For the content or reason behind the malfunction code see “16.2 Malfunction code list” on page 37, where most relevant malfunction codes are explained. Detailed information about malfunction codes can be consulted in the service manual of this unit.

[1-38]= shows the number of RA indoor units connected to the system.

[1-40]= shows the current cooling comfort setting. See “15.3 Energy saving and optimum operation” on page 35 for more details about this setting.

15.2 Mode 2

Mode 2 is used to change the field settings of the system. Consulting the current field setting value and changing the current field setting value is possible.

In general, normal operation can be resumed without special intervention after changing field settings.

Some field settings are used for special operation (e.g., 1 time operation, recovery/vacuuming setting, manual adding refrigerant setting, etc.). In such a case, it is required to abort the special operation before normal operation can restart. It will be indicated in below explanations.

[2-8]= T_e target temperature during cooling operation
Default value=2

Value [2-8]	T_e target
0	Auto
2	6
3	7
4	8
5	9
6	10
7	11

Change [2-8]=0, 2~7 in function of required operation method during cooling.

For more information and advice about the impact of these settings, see “15.3 Energy saving and optimum operation” on page 35.

[2-12]= Enable the low noise function and/or power consumption limitation via external control adaptor (DTA104A61/62)

If the system needs to be running under low noise operation or under power consumption limitation conditions when an external signal is sent to the unit, this setting should be changed. This setting will only be effective when the optional external control adaptor (DTA104A61/62) is installed.

Default value=0
To activate this function change [2-12]=1.

[2-18]= Fan high static pressure setting

In order to increase the static pressure the outdoor unit fan is delivering, this setting should be activated. For details about this setting,see technical specifications.

Default value=0.
To activate this function change [2-18]=1.

[2-20]= Manual additional refrigerant charge.

In order to add the additional refrigerant charge amount in a manual way (without automatic refrigerant charging functionality), following setting should be applied. Further instructions regarding the different ways to charge additional refrigerant into your system can be found in chapter “14.3 Method for adding refrigerant” on page 30.

Default value=0
To activate this function charge [2-20]=1

To stop the manual additional refrigerant charge operation (when the required additional refrigerant amount is charged), push BS3. If this function was not aborted by pushing BS3, the unit will stop its operation after 30 minutes. If 30 minutes was not sufficient to add the needed refrigerant amount, the function can be reactivated by changing the field setting again.

[2-21]= Refrigerant recovery/vacuuming mode

In order to achieve a free pathway to reclaim refrigerant out of the system or to remove residual substances or to vacuum the system it is necessary to apply a setting which will open required valves in the refrigerant circuit so the reclaim of refrigerant or vacuuming process can be done properly.

Default value=0
To activate function charge [2-21]=1

To stop the refrigerant recovery/vacuuming mode, push BS3. If BS3 is not pushed, the system will remain in refrigerant recovery/vacuuming mode.

[2-22]= Automatic low noise setting and level during night time.

By changing this setting, you activate the automatic low noise operation function of the unit and define the level of operation. Depending on the chosen level, the noise level will be lowered (3:Level3<2:Level2<1:Level1). The start and stop moments for this function are defined under setting [2-26] and [2-27].

Default value=0.
To activate function change [2-22]=1,2 or 3.

[2-25]= Low noise operation level via the external control adaptor.

If the system needs to be running under low noise operation conditions when an external signal is sent to the unit, this setting defines the level of low noise that will be applied (3:Level3<2:Level2<1:Level1).

This setting will only be effective when the optional external control adaptor (DTA104A61/62) is installed and the setting [2-12] was activated.

Default value=2
To activate function change [2-25]=1,2 or 3.

[2-26]= Low noise operation start time
Change [2-26]=1,2 or 3 in function of required timing.

Default value=2.

Value [2-26]	Start time automatic low noise operation (approximately)
1	20:00
2	22:00 (default)
3	24:00

This setting is used in conjunction with setting [2-22].

[2-27]= Low noise operation stop time
Default value=3

Value [2-27]	Stop time automatic low noise operation (approximately)
1	6:00
2	7:00
3	8:00 (default)

This setting is used in conjunction with setting [2-22].

[2-30]= Power consumption limitation level (step 1) via the external control adaptor (DTA104A61/62).

If the system needs to be running under power consumption limitation conditions when an external signal is sent to the unit, this setting defines the level power consumption limitation that will be applied for step 1. The level is according to the table.

Default value=3
Change [2-30]=1,2,3,4,5,6,7 or 8 in function of required limitation.

Value [2-30]	Power consumption limitation (approximately)
1	60%
2	65%
3	70% (default)
4	75%
5	80%
6	85%
7	90%
8	95%

[2-31]= Power consumption limitation level (step 2) via the external control adaptor (DTA104A61/62).

If the system needs to be running under power consumption limitation conditions when an external signal is sent to the unit, this setting defines the level power consumption limitation that will be applied for step 2. The level is according to the table.

Default value=1
Change [2-31]=1,2 or 3 in function of required limitation.

Value [2-31]	Power comsumption limitation (approximately)
1	40% (default)
2	50%
3	55%

[2-32]= Forced, all time, power consumption limitation operation (no external control adaptor is required to perform power consumption limitation).

If the system always needs to be running under power consumption limitation conditions, this setting activates and defines the level power consumption limitation that will be applied continuously. The level is according to the table.

Default value=0 (OFF)

Value [2-32]	Restriction reference
0	Function not active (default)
1	Follows [2-30] setting
2	Follows [2-31] setting

Change [2-32]=0,1 or 2 in function of required limitation.

[2-49]= Max, level difference setting
In case the outdoor location is higher than indoor, extension is possible up till 90 m, Refer to [2-49] for dedicated setting.

Value [2-49]	Max, level difference setting
0	OFF(default)
1	ON

[2-81]= Cooling comfort setting
Default value=1

Value [2-81]	Cooling comfort setting
0	Eco
1	Mild (default)
2	Quick
3	Powerful

Change [2-81]=0,1,2 or 3 in function of required limitation.

This setting is used in conjunction with setting [2-8].
For more information and advice about the impact of these settings, see “15.3 Energy saving and optimum operation” on page 35.

[2-83]= Master user interface allocation in case VRV indoor units and RA indoor units are used at the same time.

By changing setting [2-83], you can allow the VRV indoor unit to be the operation mode selector (system power OFF/ON is required after applying this setting).

- [2-83]=1 RA indoor unit has mode selection right (default setting).
- [2-83]=0 VRV indoor unit has mode selection right.

15.3 Energy saving and optimum operation

This VRV IV cooling only system is equipped with advanced energy saving functionality. Depending on the priority, emphasises can be put on energy saving or comfort level. Several parameters can be selected, resulting in the optimal balance between energy consumption and comfort for the particular application.

Several patterns are available and explained below. Modify the parameters to the needs of your building and to realize the best balance between energy consumption and comfort.

15.3.1 Three main operation methods are available:

- **Basic**
  The refrigerant temperature is fixed independent from the situation. It corresponds to the standard operation which is known and can be expected from/under previous VRV systems:
  - To activate this operation method under cooling operation: change field setting [2-8]=2.
- **Automatic**
  The refrigerant temperature is set depending on the outdoor ambient conditions. As such adjusting the refrigerant temperature to match the required load (which is also related to the outdoor ambient conditions).
  E.g., when your system is operating in cooling, you do not need as much cooling under low outdoor ambient temperatures (e.g., 25°C) as under high outdoor ambient temperatures (e.g.,35°C). Using this idea, the system automatically starts increasing its refrigerant temperature, automatically reducing the delivered capacity and increasing the system's efficiency.
  - To activate this operation method under cooling operation: change field setting [2-8]=0 .
- **Hi-sensible**
  The refrigerant temperature is set higher (cooling) compared to basic operation. The focus under high sensible mode is comfort feeling for the customer. The selection method of indoor units is important and has to be considered as the available capacity is not the same as under basic operation. For details concerning to Hi-sensible applications, please contact your dealer.
  - To activate this setting under cooling oeration: change field setting [2-8] to the appropriate value, matching the requirements of the pre-designed system containing a high sensible solution.

Value [2-8]	T_e target
3	7
4	8
5	9
6	10
7	11

15.3.2 Several comfort settings are available

For each of above modes a comfort level can be selected. The comfort level is related to the timing and the effort (energy consumption) which is put in achieving a certain room temperature by temporarily changing the refrigerant temperature to different values in order to achieve requested conditions more quickly.

- **Powerful**
  Undershoot (during cooling operation) is allowed compared to the requested refrigerant temperature, in order to achieve the required room temperature very fast. The undershoot is allowed from the start up moment.
  In case of cooling operation the evaporating temperature is allowed to go down to 3°C on temporary base depending on the situation.

  When the request from the indoor units becomes more moderate, the system will eventually go to the steady state condition which is defined by the operation method above.
  - To activate the powerful comfort setting under cooling operation, change field setting [2-81]=3.
    This setting is used in conjunction with setting [2-8].
- **Quick**
  Undershoot (during cooling operation) is allowed compared to the requested refrigerant temperature, in order to achieve the required room temperature very fast. The undershoot is allowed from the start up moment.
  In case of cooling operation the evaporating temperature is allowed to go down to 6°C on temporary base depending on the situation.

  When the request from the indoor units becomes more moderate, the system will eventually go to the steady state condition which is defined by the operation method above.
  - To activate the quick comfort setting under cooling operation, change field setting [2-81]=2.
    This setting is used in conjunction with setting [2-8].
- **Mild**
  Undershoot (during cooling operation) is allowed compared to the requested refrigerant temperature, in order to achieve the required room temperature very fast. The undershoot is not allowed from the start up moment. The start up occurs under the condition which is defined by the operation mode above.
  In case of cooling operation the evaporating temperature is allowed to go down to 6°C on temporary base depending on the situation.

  When the request from the indoor units becomes more moderate, the system will eventually go to the steady state condition which is defined by the operation method above.
  The start up condition is different from the powerful and quick comfort setting.
  - To activate the mild comfort setting under cooling operation, change field setting [2-81]=1.
    This setting is used in conjunction with setting [2-8].
- **Eco**
  The original refrigerant temperature target, which is defined by the oeration method (see above) is kept without any correction, unless for protection control.
  - To activate the mild comfort setting under cooling operation, change field setting [2-81]=0.
    This setting is used in conjunction with setting [2-8].

  No matter which control is selected, variations on the behaviour of the system are still possible due to protection controls to keep the unit operating under reliable conditions. The intentional target, however, is fixed and will used to obtain the best balance between energy consumption and comfort, depending on the application type.

16. Test run

16.1 Test operation

After installation and once the field settings are defined, the installer is obliged to verify correct operation. Therefore a test run must be performed according to the procedures described below.

16.1.1 Precautions before starting test operation

During test operation, the outdoor unit and the indoor units will start up:

- Make sure that the preparations of all indoor units are finished (field piping, electrical wiring, air purge, ...). See installation manual of the indoor units for details.

CAUTION

Do not insert fingers, rods or other objects into the air inlet or outlet. When the fan is rotating at high speed, it will cause injury.

CAUTION

Do not perform the test operation while working on the indoor units.

When performing the test operation, not only the outdoor unit, but the connected indoor unit will operate as well. Working on an indoor unit while performing a test operation is dangerous.

CAUTION

- During tests never pressurize the appliances with a pressure higher than the maximum allowable pressure (as indicated on the nameplate of the unit).
- If refrigerant gas leaks, ventilate the area immediately. Toxic gas may be produced if refrigerant gas comes into contact with fire.
- Never directly touch any accidental leaking refrigerant. This could result in severe wounds caused by frostbite.

DANGER: Do not touch piping and internal parts.

See "2. General safety precautions" on page 2.

DANGER: Electrical shock

See "2. General safety precautions" on page 2.

INFORMATION

Note that during the first running period of the unit, required power input may be higher. This phenomenon originates from the compressor that requires a 50 hour run elapse before reaching smooth operation and stable power consumption. Reason is that the scroll is made out of iron and that it takes some time to smooth the surfaces that make contact.

16.1.2 Test operation

The procedure below describes the test operation of the complete system. This operation checks and judges following items:

- Check of wrong wiring (communication check with indoor units).
- Check of the stop valves opening.
- Judgement of piping length.

On top of this system test operation, indoor units operation should also be checked separately.

- Make sure to carry out the system test operation after the first installation. Otherwise, the malfunction code U3 will be displayed on the user interface and normal operation or individual indoor unit test run cannot be carried out.
- Abnormalities on indoor units cannot be checked for each unit separately. After the test operation is finished, check the indoor units one by one by performing a normal operation using the user interface. Refer to the indoor unit installation manual for more details concerning the individual test run.

INFORMATION

- It may take 10 minutes to achieve a uniform refrigerant state before the compressor starts.
- During the test operation, the refrigerant running sound or the magnetic sound of a solenoid valve may become loud and the display indication may change. These are not malfunctions.

Procedure

1 Close all front panels in order to not let it be the cause of misjudgement (except the electrical component box inspection opening service cover).

2 Make sure all field settings you want are set.

3 Turn ON the power to the outdoor unit and the connected indoor units.

NOTICE

Be sure to turn on the power 6 hours before operation in order to have power running to the crankcase heater and to protect the compressor.

4 Make sure the default (idle) situation is existing; see "13.2 Operating the push buttons and DIP switches on the logic board" on page 27. Push BS2 for 5 seconds or more. The unit will start test operation.

- The test operation is automatically carried out, the outdoor unit display will indicate " T01 " and the indication "Test operation" and "Under centralized control" will display on the user interface of indoor units.
  Steps during the automatic system test run procedure:
  - " T01 ": control before start up (pressure equalization)
  - " T02 ": cooling start up control
  - " T03 ": cooling stable condition
  - " T04 ": communication check
  - " T05 ": stop valve check
  - " T06 ": pipe length check
  - " T07 ": refrigerant amount check
  - " T08 ": in case [2-88]=0, detailed refrigerant situation check
  - " T09 ": pump down operation
  - " T10 ": unit stop
- During the test operation, it is not possible to stop the unit operation from a user interface. To abort the operation, press BS3. The unit will stop after ±30 seconds.

5 Check the test operation results on the outdoor unit segment display.
- Normal completion: no indication on the segment display (idle)
- Abnormal completion: indication of malfunction code on the segment display
  Refer to take actions for correcting the abnormality. When the test operation is fully completed, normal operation will be possible after 5 minutes.

16.1.3 Correcting after abnormal completion of the test operation

The test operation is only completed if there is no malfunction code displayed on the user interface or outdoor unit segment display. In case of a displayed malfunction code, perform correcting actions as explained in the malfunction code table. Carry out the test operation again and confirm that the abnormality is properly corrected.

INFORMATION

Refer to the installation manual of the indoor unit for other detailed malfunction codes related to indoor units.

16.2 Malfunction code list

In case of a displayed malfunction code, perform correcting actions as explained in the malfunction code table.

After correcting the abnormality, press BS3 to reset the malfunction code and retry operation.

The malfunction code which is displayed on the outdoor unit will indicate a main malfunction code and a sub code. The sub code indicates more detailed informati on about the malfunction code. The malfunction code will be displayed intermittent.

Example:



With an interval of 1second, the display will switch between main code and sub code.

Below table gives an overview of the malfunction codes which may appear.

Malfunction code			
Main code	Sub code Master/slave 1/slave 2	Contents	Solution
E3	01/03/05	High pressure switch was activated (S1PH, S2PH) - A1P (X3A; X4A)	Check stop valve situation or abnormalities in (field) piping or airflow over air cooled coil.
	02/04/06	• Refrigerant overcharge • Stop valve closed	• Check refrigerant amount+recharge unit • Open stop valves
	13/14/15	Stop valve closed (liquid)	Open liquid stop valve
	18	• Refrigerant overcharge • Stop valve closed	• Check refrigerant amount+recharge unit • Open stop valves
E4	01/02/03	Low pressure malfunction: • Stop valve closed • Refrigerant shortage • Indoor unit malfunction	• Open stop valves • Check refrigerant amount+recharge unit • Check the user interface's display or • Transmission wiring between the outdoor unit and the indoor unit
E9	01/05/08	Electronic expansion valve malfunction (subcool) (Y2E) - A1P (X21A)	Check connection on PCB or actuator
	04/07/10	Electronic expansion valve malfunction (main) (Y1E) - A1P (X23A)	Check connection on PCB or actuator
F3	01/03/05	Discharge temperature too high (R21T/R22T): • Stop valve closed • Refrigerant shortage	• Open stop valves • Check refrigerant amount+recharge unit
	20/21/22	Compressor casing temperature too high (R8T): • Stop valve closed • Refrigerant shortage	• Open stop valves • Check refrigerant amount+recharge unit
F6	02	• Refrigerant overcharge • Stop valve closed	• Check refrigerant amount+recharge unit • Open stop valves
H9	01/02/03	Ambient temperature sensor malfunction (R1T) - A1P (X18A)	Check connection on PCB or actuator
J3	16/22/28	Discharge temperature sensor malfunction (R21T): open circuit - A1P (X29A)	Check connection on PCB or actuator
	17/23/29	Discharge temperature sensor malfunction (R21T): short circuit - A1P (X29A)	Check connection on PCB or actuator
	18/24/30	Discharge temperature sensor malfunction (R22T): open circuit - A1P (X29A)	Check connection on PCB or actuator
	19/25/31	Discharge temperature sensor malfunction (R22T): short circuit - A1P (X29A)	Check connection on PCB or actuator
	47/49/51	Compressor casing temperature sensor malfunction (R8T): open circuit - A1P (X29A)	Check connection on PCB or actuator
	48/50/52	Compressor casing temperature sensor malfunction (R8T): short circuit - A1P (X29A)	Check connection on PCB or actuator
J5	01/03/05	Suction temperature sensor malfunction (R3T) - A1P (X30A)	Check connection on PCB or actuator
J6	01/02/03	De-icing temperature sensor malfunction (R7T) - A1P (X30A)	Check connection on PCB or actuator
J7	06/07/08	Liquid temperature sensor (after subcool HE) malfunction (R5T) - A1P (X30A)	Check connection on PCB or actuator
J8	01/02/03	Liquid temperature sensor (coil) malfunction (R4T) - A1P (X30A)	Check connection on PCB or actuator
J9	01/02/03	Gas temperature sensor (after subcool HE) malfunction (R6T) - A1P (X30A)	Check connection on PCB or actuator
JA	06/08/10	High pressure sensor malfunction (S1NPH): open circuit - A1P (X32A)	Check connection on PCB or actuator
	07/09/11	High pressure sensor malfunction (S1NPH): short circuit - A1P (X32A)	Check connection on PCB or actuator
JC	06/08/10	Low pressure sensor malfunction (S1NPL): open circuit - A1P (X31A)	Check connection on PCB or actuator
	07/09/11	Low pressure sensor malfunction (S1NPL): short circuit - A1P (X31A)	Check connection on PCB or actuator
LC	14	Transmission outdoor unit - inverter: INV1 transmission trouble - A1P (X20A, X28A, X40A)	Check connection
	19	Transmission outdoor unit - inverter: FAN1 transmission trouble - A1P (X20A, X28A, X40A)	Check connection
	24	Transmission outdoor unit - inverter: FAN2 transmission trouble - A1P (X20A, X28A, X40A)	Check connection
	30	Transmission outdoor unit - inverter: INV2 transmission trouble - A1P (X20A, X28A, X40A)	Check connection

Malfunction code		Contents	Solution
Main code	Sub code Master/slave 1/slave 2		
P1	01/02/03	INV1 unbalanced power supply voltage	Check if power supply is within range
	07/08/09	INV2 unbalanced power supply voltage	Check if power supply is within range
U1	01/05/07	Reversed power supply phase malfunction	Correct phase order
	04/06/08	Reversed power supply phase malfunction	Correct phase order
U2	01/08/11	INV1 voltage power shortage	Check if power supply is within range
	02/09/12	INV1 power phase loss	Check if power supply is within range
	22/25/28	INV2 voltage power shortage	Check if power supply is within range
	23/26/29	INV2 power phase loss	Check if power supply is within range
U3	03	• Malfunction code: System test run not yet executed (system operation not possible) • Warning indication: Leak detection or refrigerant amount check not performed (system operation possible)	• Execute system test run • Execute autocharge function (see manual); unit not ready for leak detection functionality
U4	04	System test run abnormal ending	Execute test run again
	01	Faulty wiring to Q1/Q2 or indoor - outdoor	Check (Q1/Q2) wiring
	03	Faulty wiring to Q1/Q2 or indoor - outdoor	Check (Q1/Q2) wiring
U5	01	Warning: faulty wiring to Q1/Q2	Check Q1/Q2 wiring
	02	Malfunction code: faulty wiring to Q1/Q2	Check Q1/Q2 wiring
	11	• Too many indoor units are connected to F1/F2 line • Bad wiring between outdoor and indoor units	Check indoor unit amount and total capacity connected
U9	01	System mismatch. Wrong type of indoor units combined (R410A, R407C, RA). Indoor unit malfunction.	Check if other indoor units have malfunction and confirm indoor unit mix is allowed.
UA	03	Connection malfunction over indoor units or type mismatch (R410A, R407C, RA).	Check if other indoor units have malfunction and confirm indoor unit mix is allowed.
	18	Connection malfunction over indoor units or type mismatch (R410A, R407C, RA).	Check if other indoor units have malfunction and confirm indoor unit mix is allowed.
	31	Wrong unit combination (multi system)	Check if unit types are compatible
	49	Wrong unit combination (multi system)	Check if unit types are compatible
UH	01	Auto address malfunction (inconsistency)	Check if transmission wired unit amount matches with powered unit amount (by monitor mode) or wait till initialisation is finished.
UF	01	Auto address malfunction (inconsistency)	Check if transmission wired unit amount matches with powered unit amount (by monitor mode) or wait till initialisation is finished.
	05	Stop valve closed or wrong (during system test run)	Open stop valves

INFORMATION

References can be found on the wiring diagram.

Information code		Contents	Solution
Main code			
Leak detection function related			
E-1		Unit is not prepared to execute leak detection operation	Refer to requirements to be able to execute leak detection operation.
E-2		Indoor unit is out of temperature range for leak detection operation	Retry when ambient conditions are satisfied
E-3		Outdoor unit is out of temperature range for leak detection operation	Retry when ambient conditions are satisfied
E-4		Too low pressure was noticed during leak detection operation	Restart leak detection operation
E-5		Indicates an indoor unit which is not compatible with leak detection functionality is installed	Refer to requirements to be able to execute leak detection operation.

17. Operation of the unit

Once the unit is installed and test operation of outdoor unit and indoor units is finished, the operation of the system can start.

For operating the indoor unit, the user interface of the indoor unit should be switched ON. Refer to the indoor unit operation manual for more details.

18. Caution for refrigerant leaks

18.1 Introduction

The installer and system specialist shall secure safety against leakage according to local regulations or standards. The following standards may be applicable if local regulations are not available.

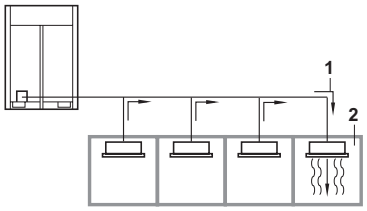
This system uses R410A as refrigerant. R410A itself is an entirely safe non-toxic, non-combustible refrigerant. Nevertheless care must be taken to ensure that air conditioning facilities are installed in a room which is sufficiently large. This assures that the maximum concentration level of refrigerant gas is not exceeded, in the unlikely event of major leak in the system and this in accordance to the local applicable regulations and standards.

18.2 Maximum concentration level

The maximum charge of refrigerant and the calculation of the maximum concentration of refrigerant is directly related to the humanly occupied space in to which it could leak.

The unit of measurement of the concentration is kg/m ^{3} (the weight in kg of the refrigerant gas in 1m ^{3} volume of the occupied space).

Compliance to the local applicable regulations and standards for the maximum allowable concentration level is required.



1 Direction of the refrigerant flow
2 Room where refrigerant leak has occurred (outflow of all the refrigerant from the system)

Pay special attention to places, such as basements etc., where refrigerant can stay, since refrigerant is heavier than air.

18.3 Procedure for checking maximum concentration

Check the maximum concentration level in accordance with steps 1 to 4 below and take whatever action is necessary to comply.

1 Calculate the amount of refrigerant (kg) charged to each system separately.

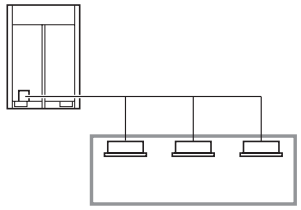
Amount of refrigerant in a single unit system (amount of refrigerant with which the system is charged before leaving the factory) + Additional charging amount (amount of refrigerant added locally in accordance with the length or diameter of the refrigerant piping) = Total amount of refrigerant (kg) in the system

NOTICE

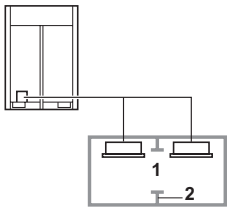
Where a single refrigerant facility is divided into 2 entirely independent refrigerant systems, use the amount of refrigerant with which each separate system is charged.

2 Calculate the volume of the room (m ^{3}) where the indoor unit is installed.
In a case such as the following, calculate the volume of (A), (B) as a single room or as the smallest room.

A Where there are no smaller room divisions:



B Where there is a room division, but there is an opening between the rooms sufficiently large to permit a free flow of air back and forth.



1 Opening between the rooms
2 Partition
(Where there is an opening without a door or where there are openings above and below the door which are each equivalent in size to 0.15% or more of the floor area.)

3 Calculating the refrigerant density using the results of the calculations in steps 1 and 2 above.

$$\frac{\text{Total volume of refrigerant in the refrigerant system}}{\text{Size (m}^3\text{) of smallest room in which there is an indoor unit installed}} \leq \text{Maximum concentration level (kg/m}^3\text{)}$$

If the result of the above calculation exceeds the maximum concentration level, a ventilation opening to the adjacent room shall be made.

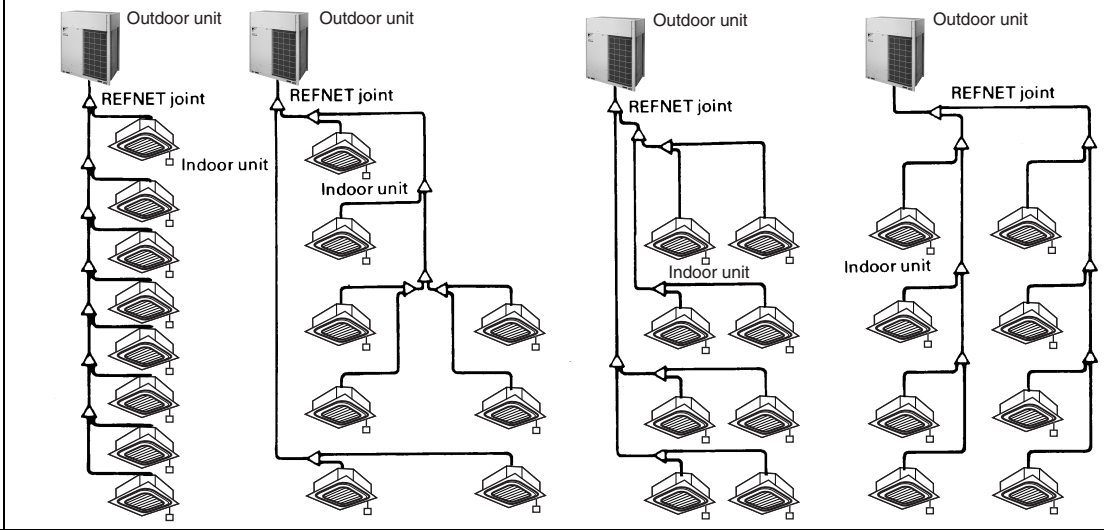
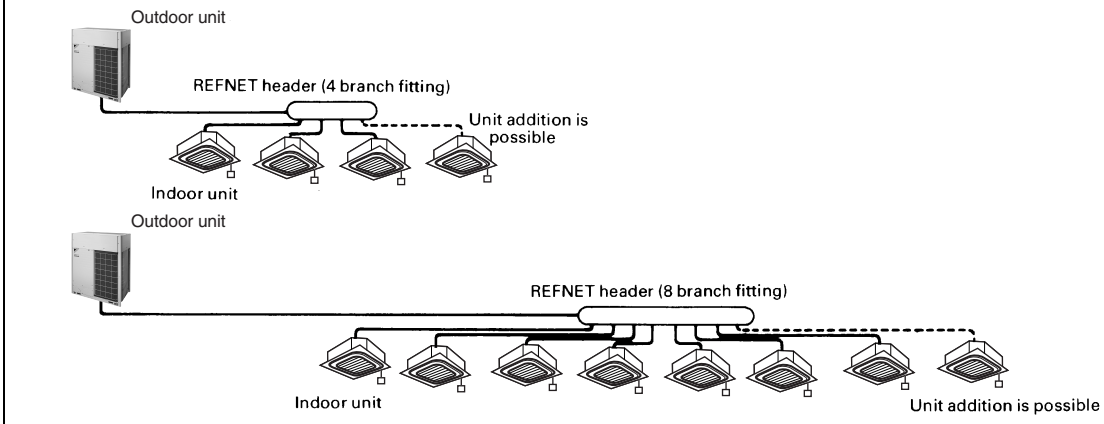
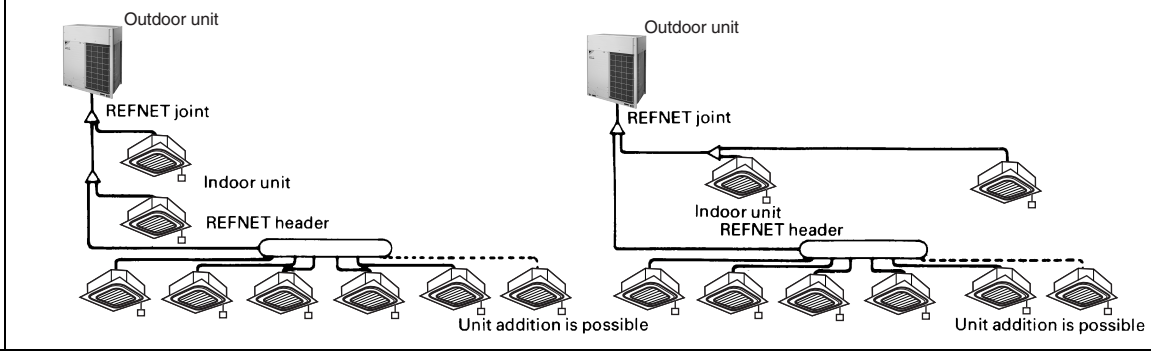
4 Calculate the refrigerant density taking the volume of the room where the indoor unit is installed and the adjacent room. Install ventilation openings in the door of adjacent rooms until the refrigerant density is smaller than the maximum concentration level.

4. REFNET Pipe System

4.1 Layout Example

4.1.1 Heat Pump / Cooling Only Series

Use of the particular branch fitting appropriate to each individual unit type not only permits the pipes to be laid with ease but also increases the reliability of the system as a whole.

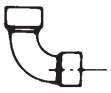
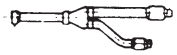
Type of fitting	Sample systems
Line branch fitting (Pipes containing REFNET joints only)	
Header branch fitting (Piping consists of REFNET headers only)	
Mixed branch fittings (Piping including both headers and joints)	

Units can be added by connecting them directly to the REFNET header or REFNET joint. Further branches cannot be included in the system below the REFNET header branch.

Notes:

1. When the capacity ratio of the indoor system to the outdoor unit is more than 100% and when all the indoor units are in operation at the same time then the rated capacity of each unit will be somewhat reduced.
2. Special purpose REFNET pipe components must be used for all the pipe work. For further details concerning choice of components, types of components, etc.

4.1.2 Equivalent Piping Length of Joints and Header (Reference)

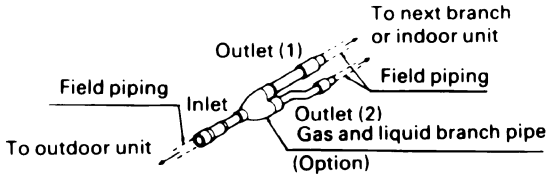
Pipe Size* (mm)	ϕ6.4	ϕ9.5	ϕ12.7	ϕ15.9	ϕ19.1	ϕ22.2	ϕ25.4	ϕ31.8	ϕ34.9	ϕ38.1	ϕ41.3
L Joints (m) 	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.55	0.60	0.65	0.75
REFNET Joint (m) 	0.5										
REFNET Header (m) 	1.0										

* When the equivalent piping length in cooling operation is calculated, the gas pipe size is selected.
When the equivalent piping length in heating operation is calculated, the liquid pipe size is selected.

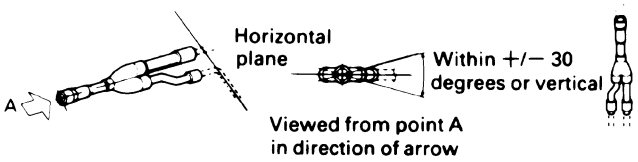
4.2 REFNET Joints and Headers

4.2.1 REFNET Joints

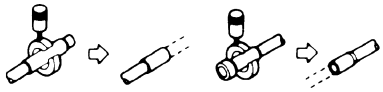
For gas and liquid branch pipes



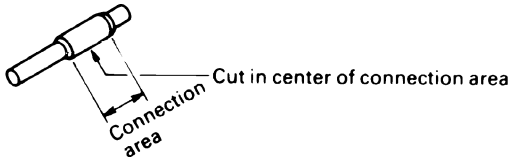
- Make sure that all branch pipes are fitted such that they branch either horizontally or vertically.



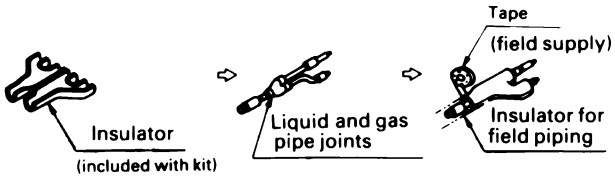
- When the size of the selected field piping is different from that of branch pipe then the connecting section should be cut with a pipe cutter as shown in the figure below.



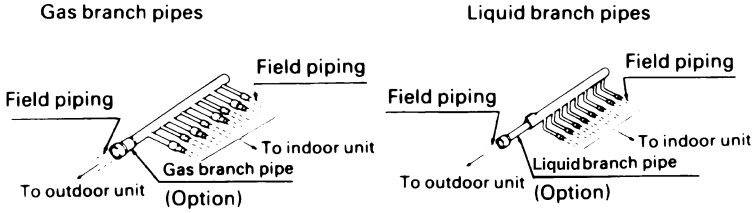
- When you are cutting an inlet or outlet pipe with a pipe cutter make sure that you make the cut in the center of the connection area.



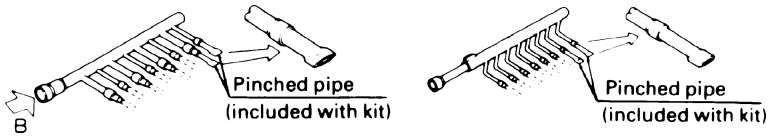
- Branch pipes must be insulated in accordance with the handbook which comes with each kit.



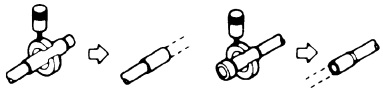
4.2.2 REFNET Headers



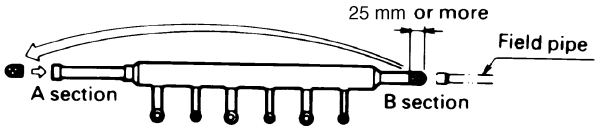
- When the number of indoor units to be connected to the branch pipes is less than the number of branch pipes available for connection then cap pipes should be fitted to the surplus branches.



- When the size of the selected field piping is different from that of branch pipe then the connecting section should be cut with a pipe cutter as shown in the figure below.



- When field piping is connected to the B section of the inlet/outlet pipe on the outdoor unit side of the liquid pipe header.
- Cut the B section with a pipe cutter as shown below and connect it to the A section.
- Connect the flared section of the field pipe to the B section.

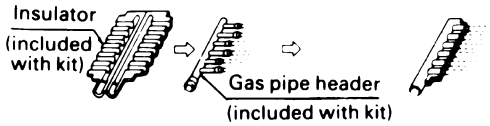


- Fit the branch pipe so that the branch lies in a horizontal plane.

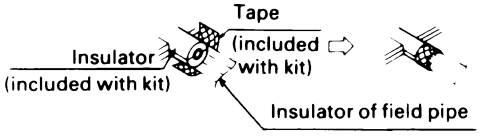


- The branch pipe must be insulated in accordance with the instruction manual which comes with each kit.

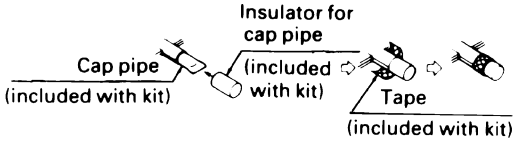
1. Use the insulator included in the kit to insulate the header.



2. Joints between insulators included in the kit and those already applied to the field piping should be sealed with the tape which is also included in each kit.



3. Any cap pipes should also be insulated using the insulator provided with each kit and then taped as described above.

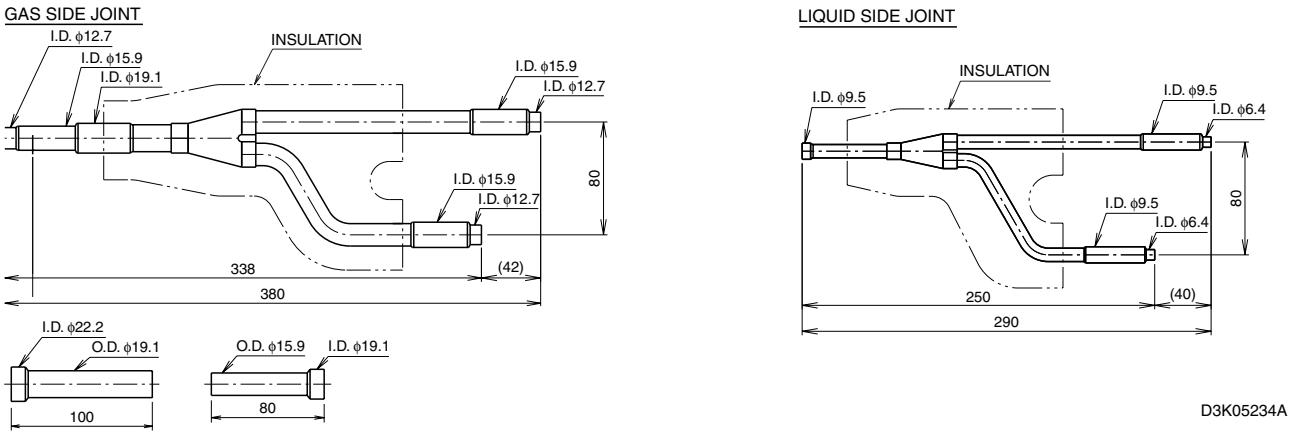


5. REFNET Joint and Header

5.1 REFNET Joint (Branch Kit)

KHRP26A22T

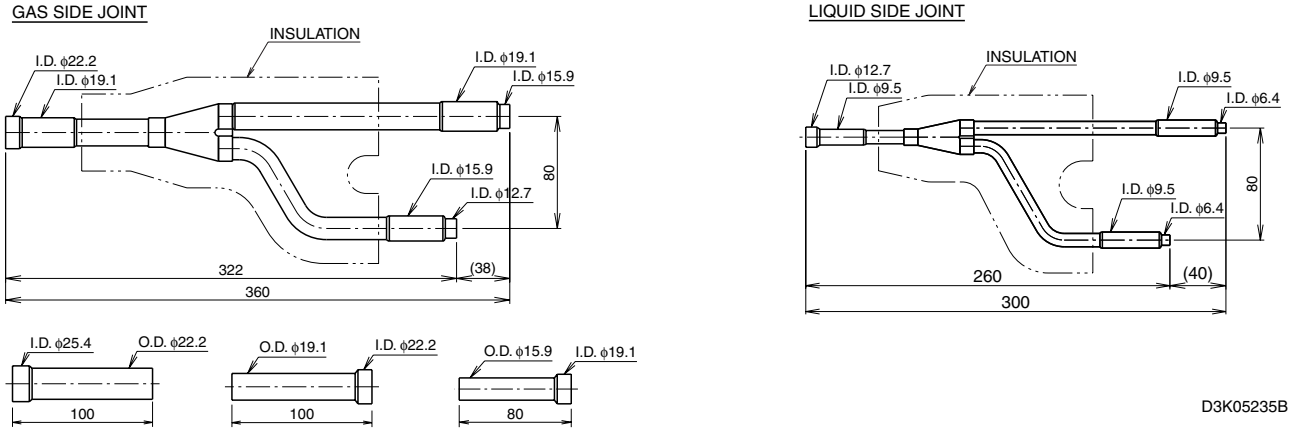
Unit (mm)



D3K05234A

KHRP26A33T

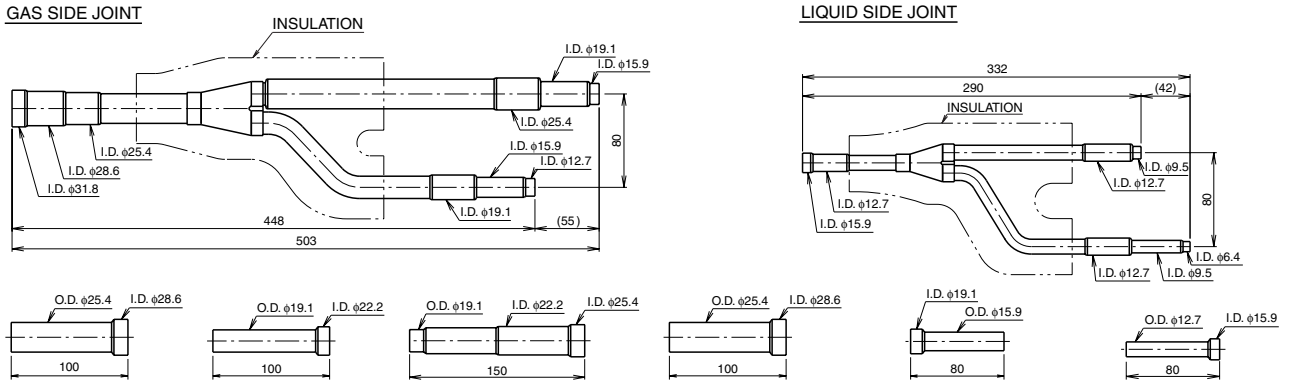
Unit (mm)



D3K05235B

KHRP26A72T

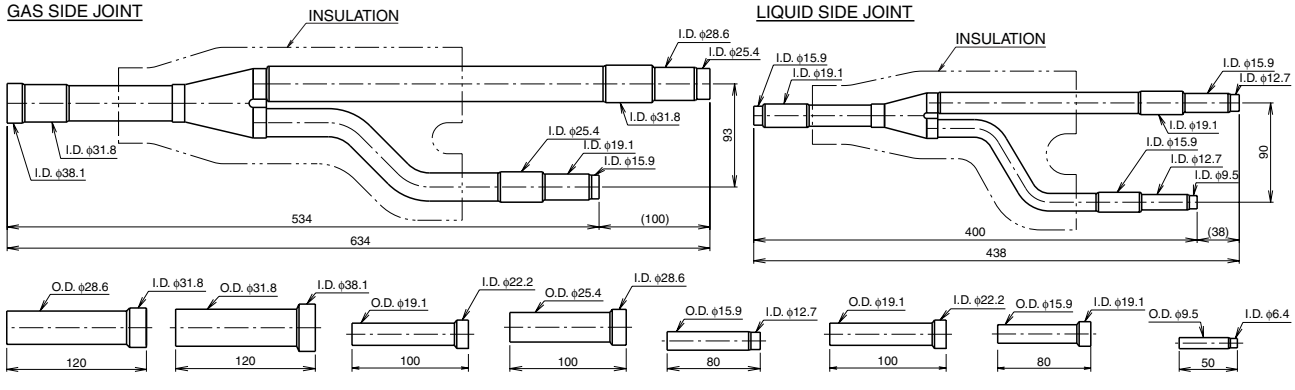
Unit (mm)



D3K05236A

KHRP26A73T

Unit (mm)



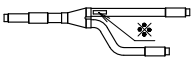
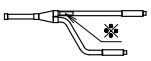
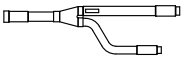
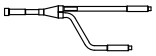
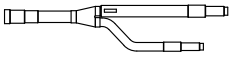
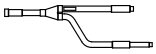
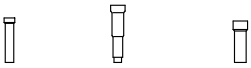
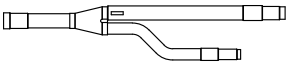
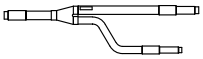
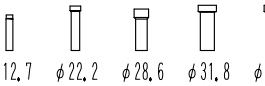
D3K05237A

21

KHRP26A22T / KHRP26A33T / KHRP26A72T / KHRP26A73T

REFNET JOINT INSTALLATION MANUAL(Except for JAPAN)
KHRP26A22T・33T・72T・73T(FOR R410A)

THIS KIT INCLUDES THE FOLLOWING PARTS.

KIT NAME	SHAPE				
	GAS SIDE JOINT	LIQUID SIDE JOINT	INSULATION	REDUCER(FOR GAS PIPE)	REDUCER(FOR LIQUID PIPE)
KHRP26A 22T			 2 pcs.	 φ19.1 φ22.2	
KHRP26A 33T			 2 pcs.	 φ19.1 φ22.2 φ25.4	
KHRP26A 72T			 2 pcs.	 φ22.2 φ25.4/φ22.2 φ28.6 2 PCS.	 φ15.9 φ19.1
KHRP26A 73T			 2 pcs.	 φ12.7 φ22.2 φ28.6 φ31.8 φ38.1	 φ6.4 φ19.1 φ22.2

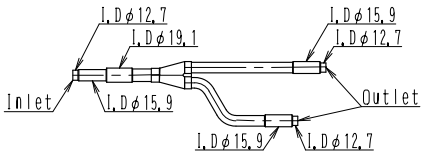
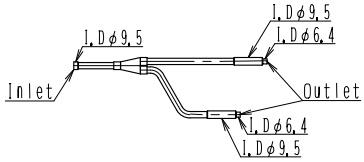
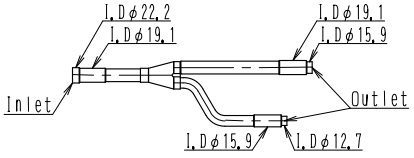
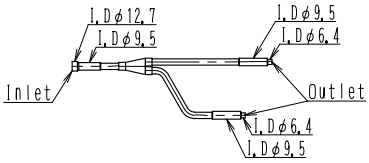
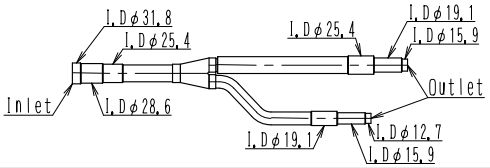
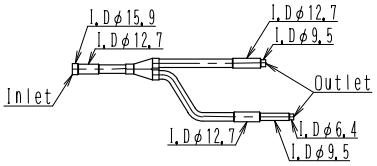
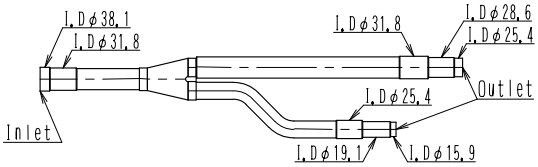
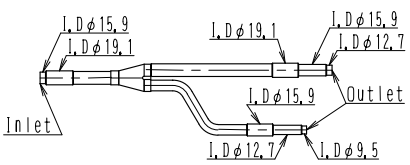
※…Make sure gas side joint and liquid side joint are for R410A. (Label for R410A is attached on each part.)

SELECTION PROCEDURE

According to the INSTALLATION MANUAL of outdoor unit.

INSTALLATION PROCEDURE

❶ The pipe size of each parts are shown below.

KIT NAME	GAS SIDE JOINT	LIQUID SIDE JOINT
KHRP26A 22T		
KHRP26A 33T		
KHRP26A 72T		
KHRP26A 73T		

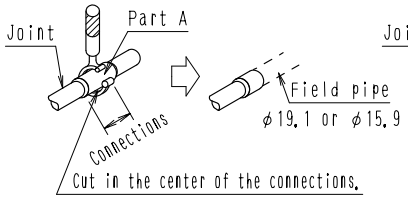
2P182411-1

❷ According to SELECTION PROCEDURE, cut the pipe with a pipe cutter for use.

• (Ex.) FOR KHRP26A33T

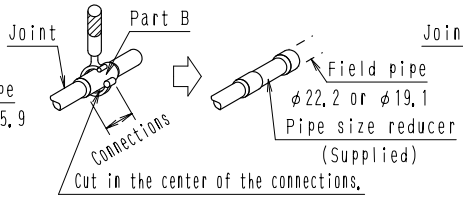


Note)For the size of inlet is φ19.1 or the size of outlet(1) is φ19.1, the size of outlet(2) is φ15.9.
• Cut the pipe with a pipe cutter.



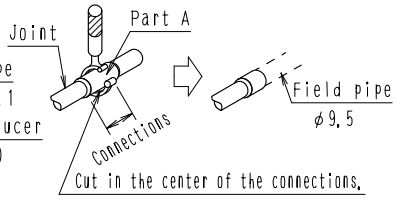
Cut in the center of the part A and connect a field pipe.

Note)For the size of outlet(1) is φ22.2 or the size of outlet(2) is φ19.1.



Cut in the center of the part B, use Pipe size reducer (supplied) and connect a field pipe.

Note)For the size of inlet is φ9.5 or the size of outlet(1) is φ9.5, the size of outlet(2) is φ9.5.
• Cut the pipe with a pipe cutter.



Cut in the center of the part A and connect a field pipe.

• Make sure to flow nitrogen gas through the pipe when brazing.

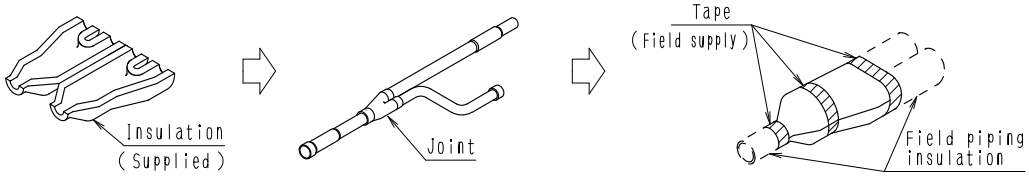
❸ Insulation of Joint

Be sure to insulate the gas and liquid side Joint.

Note) The insulation of the refrigerant piping must be reinforced based on the environment of installation. Otherwise, dew may condensate on the surface of the insulation. For details, see Engineering Data.

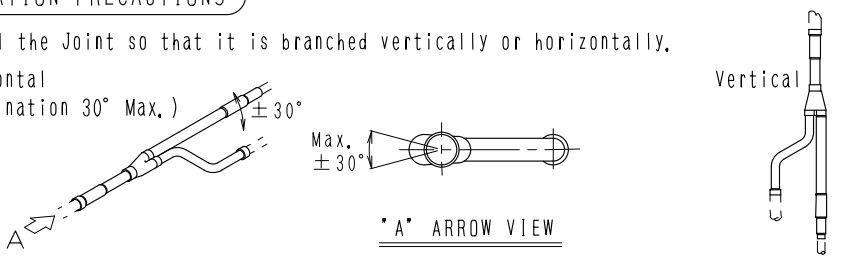
GAS SIDE
- Set the insulation matching the joint and wind the field supplied tape from the center without any clearances on the matching face of insulation.
- Seal the insulation and field piping insulation joint with the field supplied tape.

LIQUID SIDE
- Insulate by the same method as gas side joint.



INSTALLATION PRECAUTIONS

- Install the Joint so that it is branched vertically or horizontally.



- Do not apply extra force on the piping part. The brazed part may be damaged and it may result in gas leakage.

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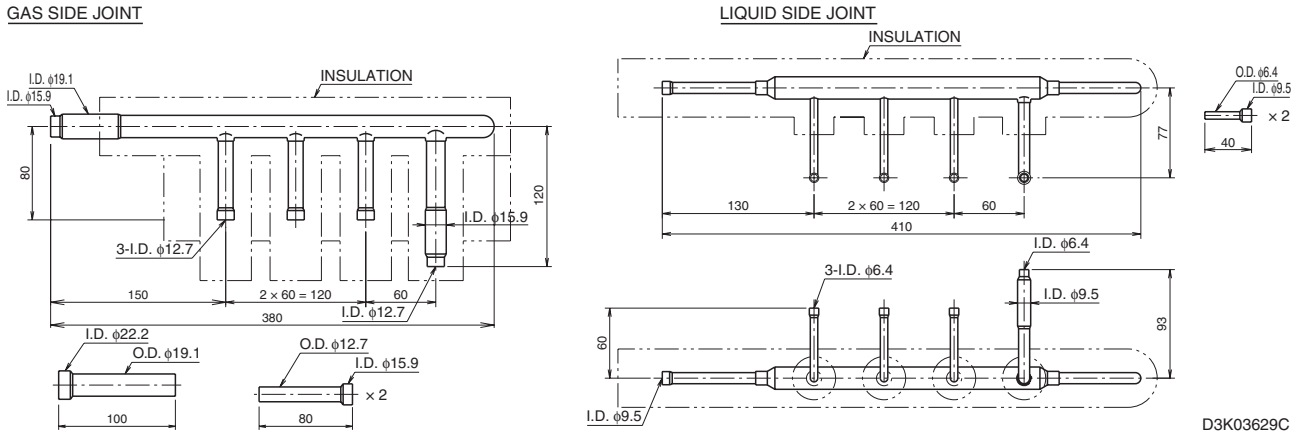
5.2 REFNET Header (Branch Kit)

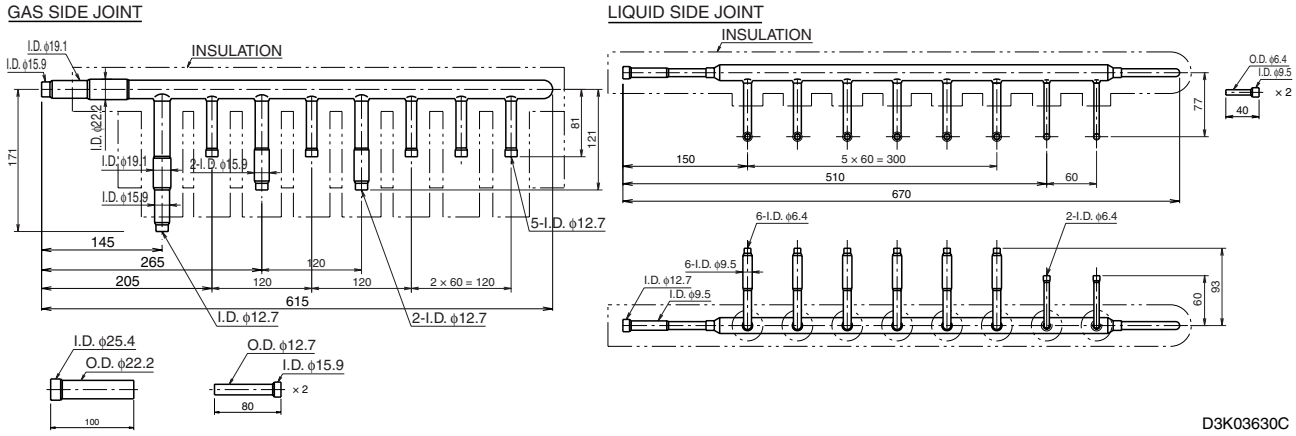
KHRP26M22H

Unit (mm)



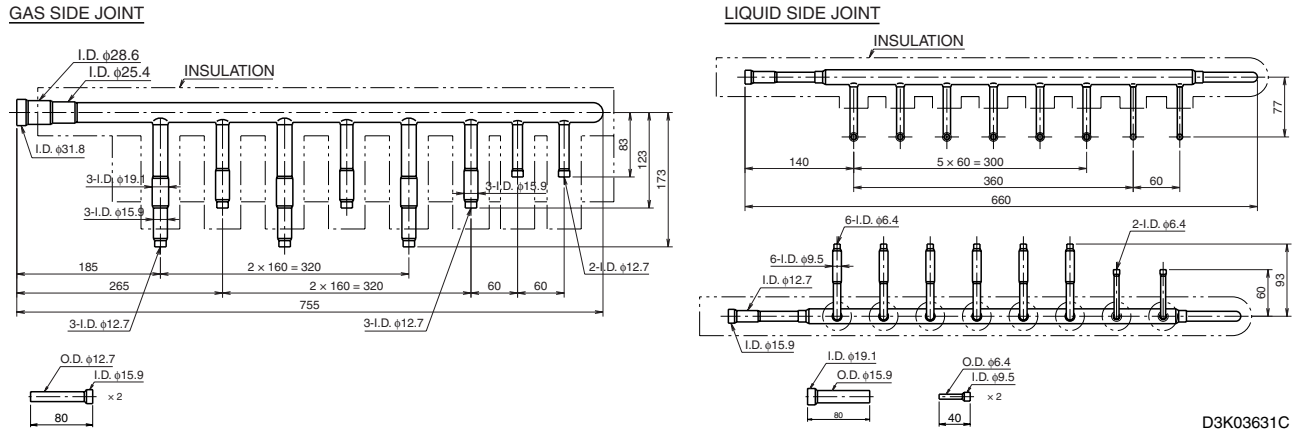
KHRP26M33H

Unit (mm)



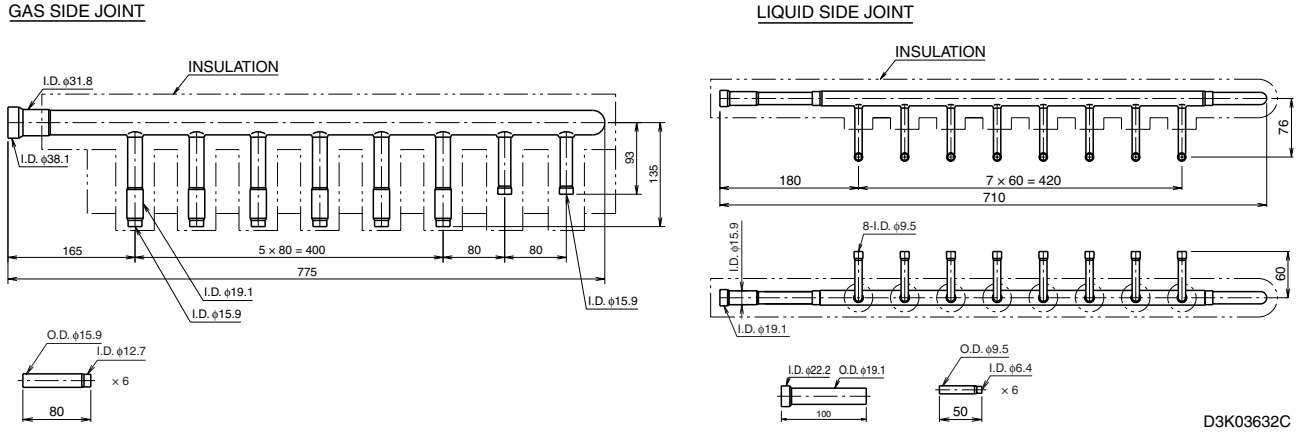
KHRP26M72H

Unit (mm)



KHRP26M73H

Unit (mm)



KHRP26M22H / KHRP26M33H / KHRP26M72H / KHRP26M73H

REFNET HEADER INSTALLATION MANUAL(Except for JAPAN)
KHRP26M22H・33H・72H・73H(FOR R-410A)

■ THIS KIT INCLUDES THE FOLLOWING PARTS.

KIT NAME	SHAPE						
	GAS SIDE HEADER	LIQUID SIDE HEADER	PLUGGING TUBES	REDUCER	INSULATION FOR HEADER	INSULATION FOR GAS SIDE ENCLOSED PIPING	INSULATION FOR LIQUID SIDE PIPING
KHRP 26M22H 4branches	※ 1 pcs.	1 pcs.	2 each for gas/liquid sides	for gas sides (φ22.2)1pcs. (φ15.9)2pcs. for liquid sides (φ9.5) 2pcs.	1 each for gas/liquid sides	2 pcs.	4 pcs.
KHRP 26M33H 8branches	1 pcs.	1 pcs.	6 each for gas/liquid sides	for gas sides (φ25.4)1pcs. (φ15.9)2pcs. for liquid sides (φ9.5) 2pcs.	1 each for gas/liquid sides	6 pcs.	8 pcs.
KHRP 26M72H 8branches	1 pcs.	1 pcs.	6 each for gas/liquid sides	for gas sides (φ15.9) 2pcs. for liquid sides (φ19.1)1pcs. (φ9.5)2pcs.	1 each for gas/liquid sides	6 pcs.	8 pcs.
KHRP 26M73H 8branches	1 pcs.	1 pcs.	6 each for gas/liquid sides	6pcs. for gas sides(φ12.7) for liquid sides (φ6.4)6pcs. (φ22.2)1pcs.	1 each for gas/liquid sides	6 pcs.	8 pcs.

※…Make sure gas side header and liquid side header are for R-410A.(Label for R-410A is attached on each part.)

SELECTION PROCEDURE

According to the INSTALLATION MANUAL of outdoor unit.

INSTALLATION PROCEDURE

❶ The pipe size of each parts are shown below.

KIT NAME	GAS SIDE HEADER	LIQUID SIDE HEADER
KHRP26M22H 4branches	φ15.9 φ19.1 φ12.7X3 φ15.9 φ12.7	φ9.5 φ9.5 φ6.4X3 φ9.5 φ6.4
KHRP26M33H 8branches	φ15.9 φ19.1 φ22.2 φ19.1 φ15.9 φ12.7 φ15.9X2 φ12.7X2 φ12.7X5	φ12.7 φ9.5 φ9.5 φ9.5X6 φ6.4X6 φ6.4X2
KHRP26M72H 8branches	φ28.6 φ25.4 φ31.8 φ15.9×3 φ12.7×3 φ19.1X3 φ12.7×2 φ15.9×3 φ12.7×3	φ15.9 φ12.7 φ12.7 φ9.5X6 φ6.4X6 φ6.4X2
KHRP26M73H 8branches	φ38.1 φ31.8 φ19.1×6 φ15.9×6 φ15.9×2	φ19.1 φ15.9 φ15.9 φ9.5X8

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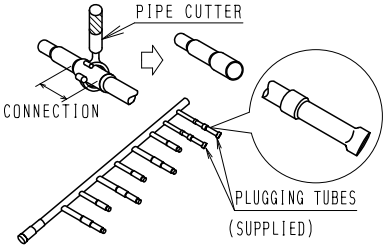
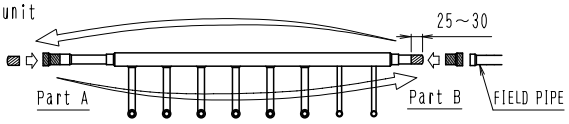
❷ For the outlet/inlet pipings which can be connected in several piping sizes, cut the connections of piping diameter to be used with a pipe cutter according to the left lower table.

NOTE) 1. Cut in the center of the connections.
2. PIPE SIDE REDUCER
ex)When connecting the field pipe(ϕ22.2) to inlet liquid side pipe of KHRP26M73H, use PIPE SIDE REDUCER.



❸ For non-connected outlet pipings at the indoor unit side for refrigerant branching, install the supplied plugging tube.

When connecting the field piping to inlet piping part B at the outdoor unit of liquid side header.
- Cut part B as shown with a pipe cutter and install it to part A.
- Connect the flared field piping to part B.



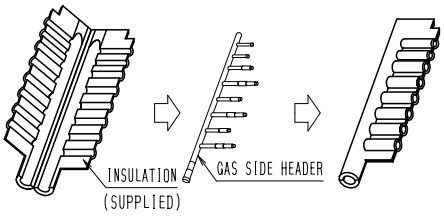
- Make sure to flow nitrogen gas through the pipe when brazing.

❹ Insulation of HEADER
- Be sure to insulate the gas and liquid side HEADER.

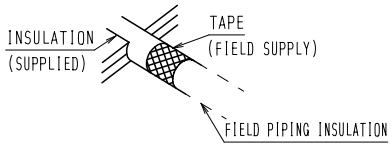
Note) The insulation of the refrigerant piping must be reinforced based on the environment of installation. Otherwise, dew may condensate on the surface of the insulation. For details, see Engineering Data.

GAS SIDE HEADER

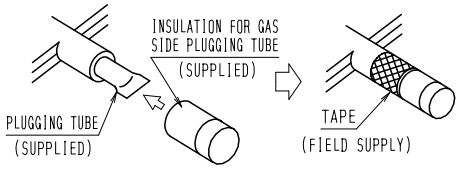
i)Insulate the gas side header with the supplied insulation.



ii)Seal the supplied insulation and field piping insulation junction with the field supplied tape.

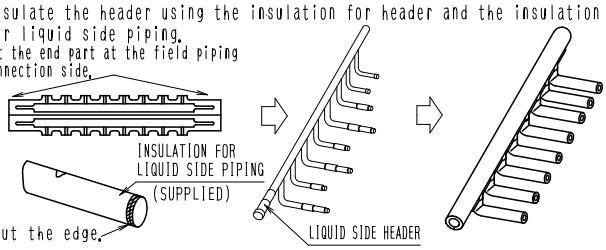


iii)Seal the plugging tube mounting part with the field supplied tape after installing the supplied insulation for the supplied plugging tube.

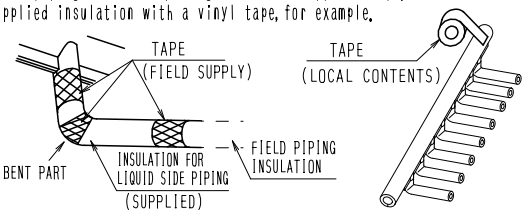


LIQUID SIDE HEADER

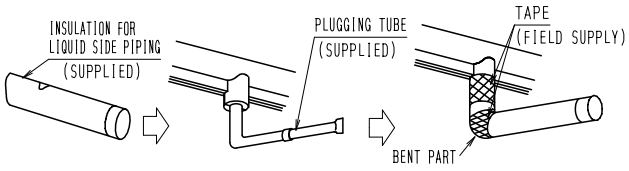
i) Insulate the header using the insulation for header and the insulation for liquid side piping.
Cut the end part at the field piping connection side.



ii) Seal the supplied insulation and liquid side piping insulation joint, the supplied liquid side piping insulation bending part, and the joint with the field piping insulation, using the field supplied tape. Seal the supplied insulation with a vinyl tape, for example.



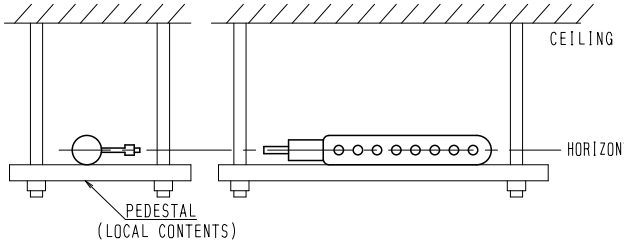
iii) Using the field supplied tape, seal the plugging tube mounting part after installing the insulation for liquid side piping (supplied).



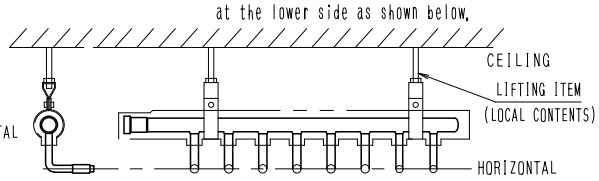
INSTALLATION PRECAUTIONS

- Do not apply extra force on the piping part. The brazed part may be damaged and it may result in gas leakage.

GAS SIDE HEADER
- Place the header on the pedestal and install it so that it is horizontal.



LIQUID SIDE HEADER
- Suspend the header from the ceiling, and be sure to install it so that the outlet/inlet pipings at the header indoor unit side are horizontal at the lower side as shown below.



3P113151-1C

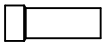
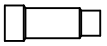
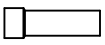
5.3 Reducer

KHRP26M73TP / KHRP26M73HP

PIPE SIZE REDUCER (For R410A)

KHRP26M73TP • 73HP

■ THIS KIT INCLUDES THE FOLLOWING PARTS.

		PIPE SIZE REDUCER①	PIPE SIZE REDUCER②	PIPE SIZE REDUCER③
SHAPE				
QUANTITY	KHRP26M73TP	1 pc.	1 pc.	2 pc.
	KHRP26M73HP	1 pc.	———	1 pc.

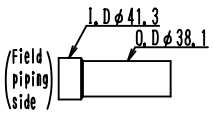
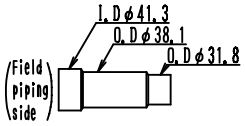
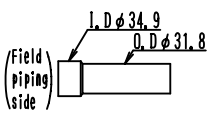
■ THIS KIT IS THE REDUCER OF THE BRANCH PIPING KIT(REFNET JOINT • HEADER). CHECK THE PROPER MODEL OF THE BRANCH PIPING KIT.

KIT NAME	BRANCH PIPING KIT
KHRP26M73TP	KHRP26M73T(GAS SIDE)
KHRP26M73HP	KHRP26M73H(GAS SIDE) • KHRP25M73H(SUCTION GAS SIDE)

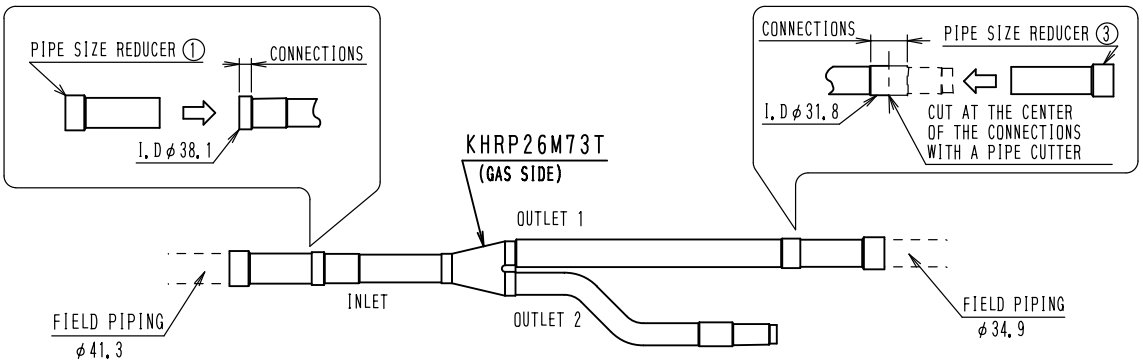
INSTALLATION PROCEDURE

REFER TO THE INSTALATION MANUAL OF THE BRANCH PIPING KIT.

■ JOINT SIZE ARE AS FOLLOWS.

PIPE SIZE REDUCER①	PIPE SIZE REDUCER②	PIPE SIZE REDUCER③
		

(1)Select the field piping size according to the installation manual of the outdoor unit.
(2)Connect the PIPE SIZE REDUCER suitable for the field piping size to the branch piping kit.
ex.)Connect the reducers to the branch piping kit, KHRP26M73T.
• For inlet piping size is φ41.3 and outlet 1 piping size is φ34.9.



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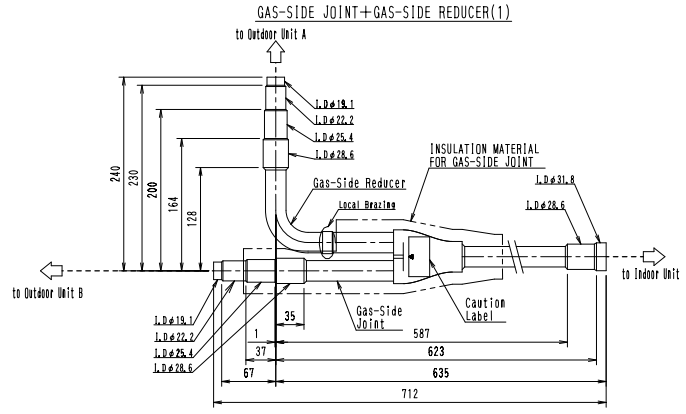
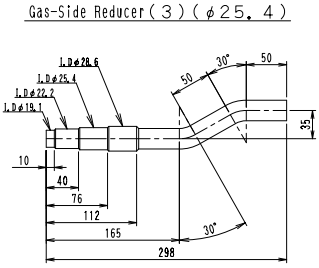
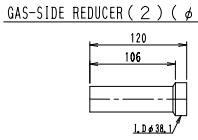
5.4 Outdoor Unit Multi Connection Piping Kit

BHFP22P100

Gas side Unit (mm)

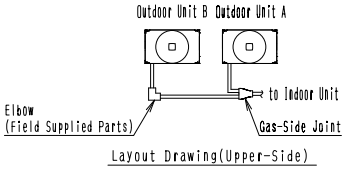




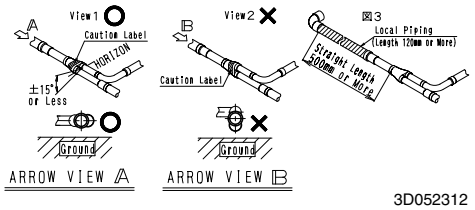


Accessory

GAS-SIDE JOINT : 1
LIQUID-SIDE JOINT : 1
GAS-SIDE REDUCER(1) : 1
GAS-SIDE REDUCER(2) : 1
GAS-SIDE REDUCER(3) : 1
GAS-SIDE REDUCER(7) : 1
GAS-SIDE REDUCER(9) : 1
LIQUID-SIDE REDUCER(1) : 1
LIQUID-SIDE REDUCER(3) : 1
LIQUID-SIDE REDUCER(5) : 1
INSULATION MATERIAL FOR GAS-SIDE JOINT : 1
INSULATION MATERIAL FOR LIQUID-SIDE JOINT : 1
INSULATION MATERIAL FOR GAS-SIDE PIPE : 1
INSULATION MATERIAL FOR LIQUID-SIDE PIPE : 1
INSTALLATION MANUAL



NOTE)1. "------" in the figure show field supply piping.
2. About size of connection pipe refer the "engineering data of VRV Ⅲ".
3. In case of install this kit observe follow conditiones.
- Do not tilt the joint more than ±15°, Install the joint horizontally so that the caution label attached to joint comes to the top.
- Do not install the joint vertically why it may cause the malfunction of outdoor unit.
- Make sure the piping up to the joint is straight for more than 500mm. Do not bend the field piping within this range. If a straight field piping more than 120mm is connected, more than 500mm of straight section can be ensured.



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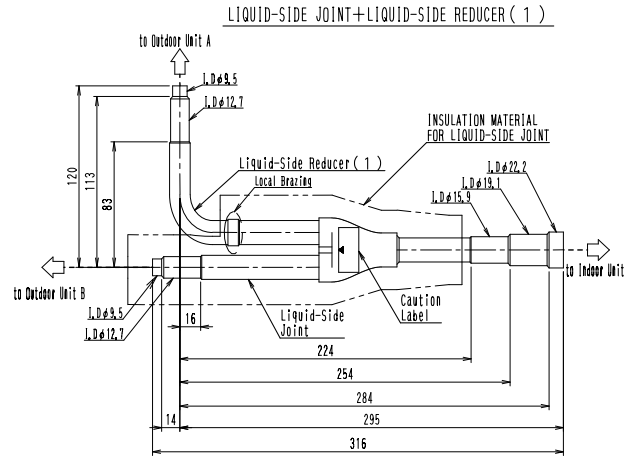
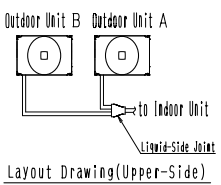
Liquid side Unit (mm)

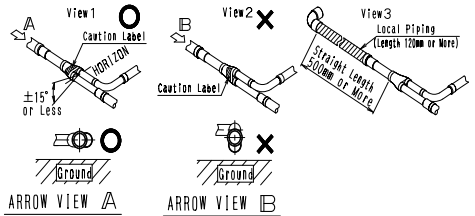


Accessory

GAS-SIDE JOINT : 1
LIQUID-SIDE JOINT : 1
GAS-SIDE REDUCER(1) : 1
GAS-SIDE REDUCER(2) : 1
GAS-SIDE REDUCER(3) : 1
GAS-SIDE REDUCER(7) : 1
GAS-SIDE REDUCER(9) : 1
LIQUID-SIDE REDUCER(1) : 1
LIQUID-SIDE REDUCER(3) : 1
LIQUID-SIDE REDUCER(5) : 1
INSULATION MATERIAL FOR GAS-SIDE JOINT : 1
INSULATION MATERIAL FOR LIQUID-SIDE JOINT : 1
INSULATION MATERIAL FOR GAS-SIDE PIPE : 1
INSULATION MATERIAL FOR LIQUID-SIDE PIPE : 1
INSTALLATION MANUAL



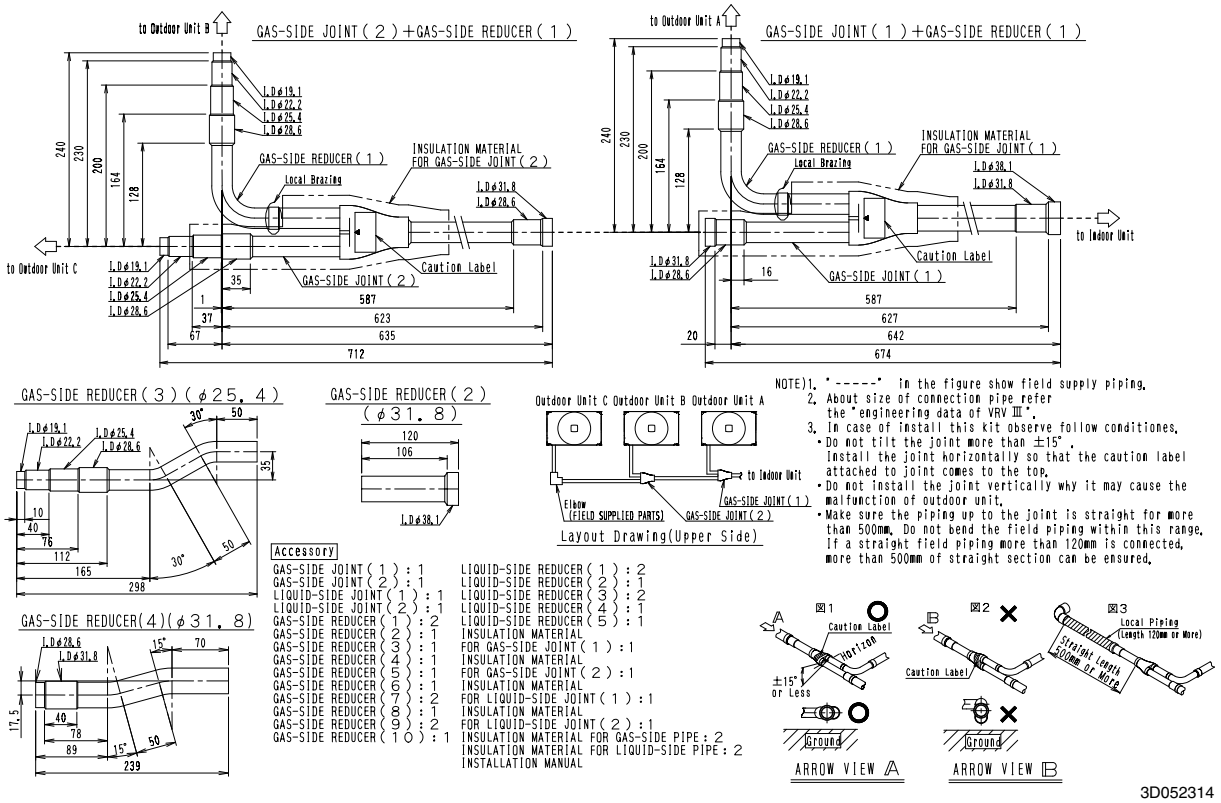
NOTE)1. "------" in the figure show field supply piping.
2. About size of connection pipe refer the "engineering data of VRV Ⅲ".
3. In case of install this kit observe follow conditiones.
- Do not tilt the joint more than ±15°, Install the joint horizontally so that the caution label attached to joint comes to the top.
- Do not install the joint vertically why it may cause the malfunction of outdoor unit.
- Make sure the piping up to the joint is straight for more than 500mm. Do not bend the field piping within this range. If a straight field piping more than 120mm is connected, more than 500mm of straight section can be ensured.



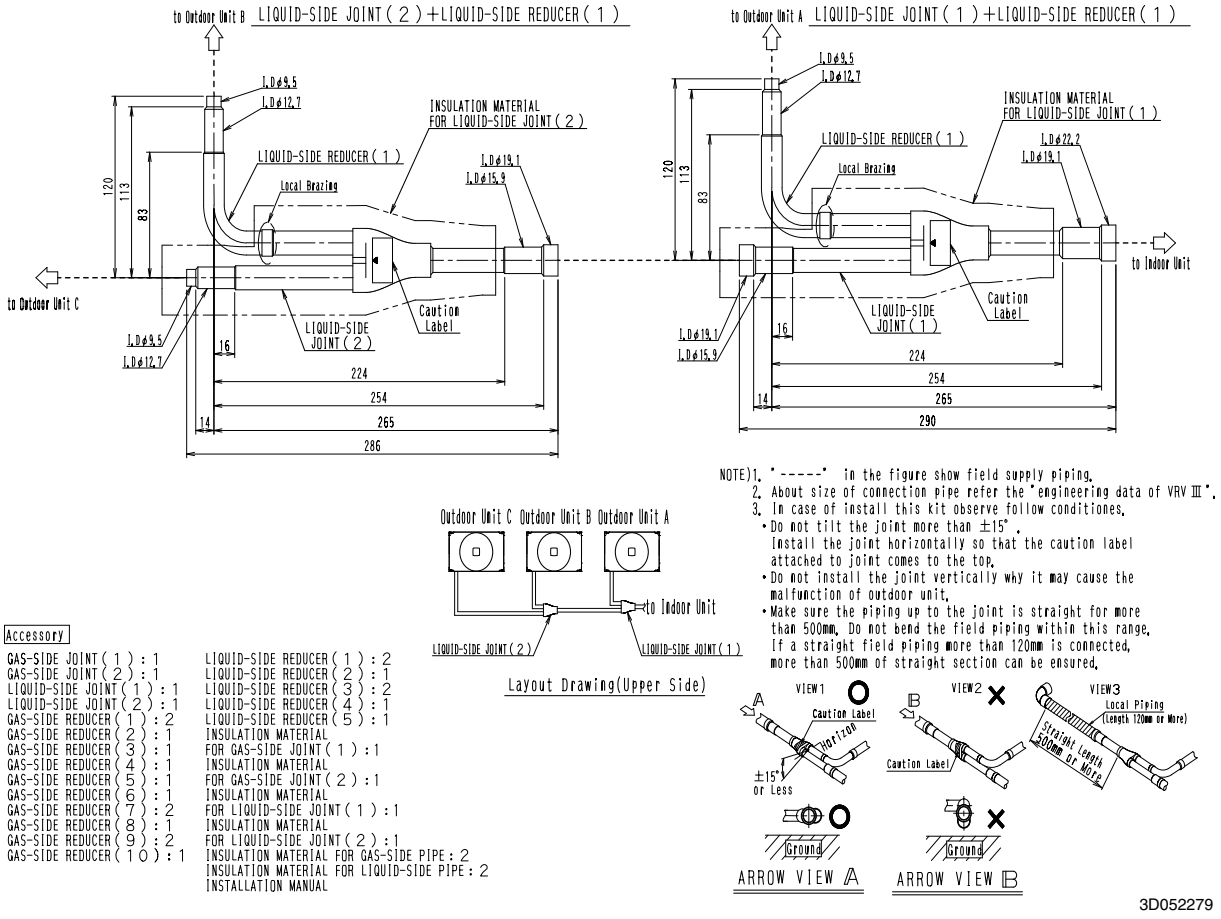
3D052280

BHFP22P151

Gas side Unit (mm)



Liquid side Unit (mm)



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BHFP22P100 / BHFP22P151

VRV Ⅲ Series Please be sure to read before installation and follow the instructions carefully when performing installation work. 1P173261-1A

Outdoor unit Multi Connection Piping Kit Installation Manual BHFP22P100 • BHFP22P151

Component parts

■This kit contains the following parts. <Do not throw away any of the accessories until installation is complete.>

Kit name	Gas-side joint	Liquid-side joint	Gas-side reduser	Liquid-side reduser	Insulating tube for gas pipe	Insulating tube for liquid pipe
BHFP 22 P100	1pc	1pc	(1) 1pc, (2) 1pc, (3) 1pc, (7) 1pc, (9) 1pc	(1) 1pc, (3) 1pc, (5) 1pc	Big 1pc	Small 1pc
BHFP 22 P151	(1) 1pc, (2) 1pc	(1) 1pc, (2) 1pc	(1) 2pc, (2) 1pc, (3) 1pc, (4) 1pc, (5) 1pc, (6) 1pc, (7) 2pc, (8) 1pc, (9) 2pc, (10) 1pc	(1) 2pc, (2) 1pc, (3) 1pc, (4) 2pc, (5) 1pc	Big 2pc	Small 2pc

Caution • Please be sure to read this manual before installation and follow the instruction carefully when performing installation work.
• See the outdoor unit's installation manual for outdoor unit installation.
• Installation of interconnecting piping between the outdoor and indoor units, REFNET joint or REFNET header will be needed separately.

Selection Procedure

Number of outdoor units connected	2 units	3 units
Outdoor unit Multi Connection Piping Kit	BHFP22P100	BHFP22P151

• 2 or 3 outdoor units can be connected.
• There are restrictions on the combination and the installation order of outdoor units, so please refer to "the Engineering Data of VRV Ⅲ" and "the installation manual" (attached sheet of outdoor unit) for details.

Field supply parts

■The following parts are needed to connect this kit and are not included.

Field supply parts		
Name	Q'ty	Selection Procedure
Insulation for piping	1set	See the "Connecting Pipe Sizes and location of cutting the joint" for details on the necessary size.
Connection piping		
Elbow	1pc	Prepare a gas pipe diameter for the upper outdoor unit as listed in "Connecting Pipe Sizes and location of cutting the joint."
Tape	1set	For insulation materials

Caution
• Quantity and selection procedure of elbow only applies to a front or bottom connection.
• For a lower front connection, the quantity and selection procedure are different, so please refer to the instructions for a lower front connection.
• A joint for the same diameter pipes is needed only for a bottom connection. See the instructions for the bottom connection for details on quantity and specifications.
• The min. thickness of the pipes in this manual shows the requirements of Japanese High Pressure Gas Control law (As of Jan. 2003) And the temper grade (O, 1/2H) shows the material type of JIS H 3300. The thickness and material shall be selected in accordance with local code for the design pressure 4.0MPa(40bar).

(Unit : mm)

Temper grade	O Type							1/2H Type						
Copper tube O.D.	ø6.4	ø9.5	ø12.7	ø15.9	ø19.1	ø22.2	ø25.4	ø28.6	ø31.8	ø34.9	ø38.1	ø41.3		
Copper tube t (Minimum requirement)	0.80	0.80	0.80	0.99	0.80	0.80	0.88	0.99	1.10	1.21	1.32	1.43		

To the piping installer

When installing this kit, please apply the following restrictions.

Restrictions on Installing Multi Connection Piping Kit

• Install the joint horizontally so that the caution label attached to joint comes to the top. Do not tilt the joint more than ±15° . (See Fig. 1), In addition, do not install the joint vertically. (See Fig.2)
• Make sure the piping up to the joint is straight for more than 500mm. Do not bend the field piping within this range. If a straight field piping more than 120mm is connected, more than 500mm of straight section can be ensured. (See Fig. 3)
• Improper installation may lead to malfunction of the outdoor unit.

Fig1 Caution label, Horizontal line, Max. ±15°, Ground, View A
Fig2 Caution label, Ground, View B
Fig3 Field piping (More than 120mm of length), More than 500mm of straight section

Installation examples

• The figure at the lower shows a typical front connection. Make sure to follow the installation restrictions and carry out installation taking the field requirements into consideration.
• This manual explains the front connection (Ex. of construction 1).
• For 3-unit installation on Ex. of construction 5 and 6, In some cases the reducers (5), (6) or (10) for gas piping and the reducers (2) and (3) for liquid piping may be used on the 1st joint (section shown with ◀). See the figure at the right for details of connection.
• When the size of the Gas-side pipe between the Gas-side joint (1) and Gas-side joint (2) on the 3-units system or the size of the main pipe is ø41.3 or ø34.9, Gas-side reducer (7), (8) and (9) will be used. See the figure at the right for details of connection.
• When the size of the Liquid-side pipe between the Liquid-side joint (1) and Liquid-side joint (2) on the 3-units system is ø12.7, Liquid-side reducer (3) will be used. And when the side of main pipe is ø15.9, Liquid-side reducer (4) will be used. See the figure at the right for details of connection.

Ex. of construction 1, 2, 3, 4, 5, 6

FOR BHFP22P100: Field piping (ø34.9), Gas-side reduser(7), Gas-side reduser(9), Field piping (ø41.3), Gas-side Joint, Liquid-side reduser(3), Liquid-side reduser(5), Liquid-side Joint, Cut in the center of connection area by pipe cutter, Field piping (ø12.7), Field piping (ø15.9), Liquid-side reduser(4), Liquid-side joint(1), Liquid-side reduser(3), Field piping (ø12.7), Liquid-side joint(2), To outdoor unit(ø22.2), To outdoor unit(ø19.1), To outdoor unit (ø9.5 or ø12.7), Liquid-side reduser(6), Liquid-side reduser(10), Liquid-side reduser(3), To 2nd joint, Liquid-side reduser(5), Liquid-side reduser(2), Liquid-side joint(1), Liquid-side (1st joint)

FOR BHFP22P151: Field piping (ø34.9), Field piping (ø41.3), Gas-side reduser(7), Gas-side reduser(9), Gas-side joint(1) ID ø31.8, ID ø38.1, Gas-side reduser(7) or Gas-side reduser(9), Field piping (ø34.9) or Field piping (ø41.3), Gas-side joint(2), Gas-side joint(1), Gas-side (1st joint), To 2nd joint, Liquid-side reduser(2), Liquid-side joint(1), Liquid-side (1st joint)

BHFP22P100 Installation Instructions

Caution There are some restrictions on the interconnecting piping between the outdoor units. See the installation manual attached to the outdoor units and make sure to carry out proper piping. If the piping restrictions are not observed, it may result in malfunction of the unit.

Connecting pipe sizes and location of cutting the joint

Select cutting point of a joint or a reducer which is suitable for the size of the interconnecting pipes determined according to the table below and cut it with a pipe cutter.

Main Pipe
● Select the pipe size according to the total capacity of outdoor unit. (units : mm)

Outdoor unit total capacity type	Pipe size (O.D. x min. thickness [temper grade])	
	Gas pipe	Liquid pipe
16HP	ø28.6x0.99[1/2H]	ø12.7x0.80[O]
18~22HP		ø15.9x0.99[O]
24HP	ø34.9x1.21[1/2H]	
26~34HP		ø19.1x0.80[1/2H]
36HP	ø41.3x1.43[1/2H]	

Outdoor unit A, Outdoor unit B, Pipe between the Outdoor unit Multi Connection Piping kit and the outdoor unit, Outdoor Unit Multi Connection Piping Kit, Follow "Restrictions on Installing Multi Connection Piping Kit"

(units:mm)

Outdoor unit capacity type	Pipe size (O.D. x min. thickness [temper grade])	
	Gas pipe	Liquid pipe
8HP	ø19.1x0.80[1/2H]	ø 9.5x0.80[O]
10HP	ø22.2x0.80[1/2H]	
12~16HP	ø28.6x0.99[1/2H]	ø12.7x0.80[O]
18HP		ø15.9x0.99[O]

• When upsizing the main pipe, use the gas side reducer (2).
• If the pipe size of ø19.1 or larger is used, the O material may be insufficient to withstand the specified pressure. Therefore, make sure to use the 1/2H material with thickness of 1.0mm or more. When using the O material for the pipe size of ø19.1, a thickness of 1.2 or more is required. In this case, the connection must be brazed.

Cutting procedure

• Use pipe cutter for cutting.
Pipe cutter, Joint or Reduser, Cut near the center of the connection area, Connection area, Connection Pipe

❶ Installation examples — Procedure for Front Connection

1-1 Exterior view

Outdoor unit A, Outdoor unit B, Liquid-side reduser(1), Gas-side reduser(1), To indoor unit, Gas-side joint, Liquid-side joint, Gas pipe (field supply), Liquid pipe(field supply), Gas pipe(field supply), Elbow(field supply), Gas pipe 2(field supply)

1-2 Finished dimensions

• For installations where the A dimensions exceed 290mm, extend the field supply interconnecting pipe between the joint and the outdoor unit.

A : 290mm(standard installation) <Top>, <Front>
Gas pipe, Liquid pipe, 211, 171, Bottom frame

❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipes

• Cut the pipes according to Table 1.

Caution • Table shows the case when the A dimensions shown in 1-2 Finished dimensions is 290mm. If the A dimensions exceed 290mm, see Table 1 and adjust the dimensions of the gas pipe 1 and 2.
• The L dimensions of the gas pipe 2 in Table 1 show those when the field supply elbows have B dimension in Table 2. If the B dimension is not same with Table 2, see Table 1 and 2, and adjust them accordingly.

■ Table 1

Model type	Gas pipe 1 (field supply) L (mm)	Gas pipe 2 (field supply) L (mm)
8HP	75	287
10HP	81	257
12~18HP	125	223

■ Table 2

Model type	Elbow(field supply) B (mm)
8HP	17
10HP	23
12~18HP	29

2-2 Connection of pipes

• Connect the gas and liquid pipes as shown in the figure at the right. (When connecting the pipes, first connect the gas-side joint and the gas-side reducer(1), the liquid-side joint and the liquid side reducer(1).)
• See 1-2 Finished dimensions for the location(height) of the joint.
• See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
• Install the joint in such a way that the attached face of the caution label becomes horizontal (See the View A).

Liquid-side joint, Gas-side joint, Max. ±15°, Max. ±15°, Ground, View A

Refer to the main pipe of "Connecting pipe sizes and location of cutting the joint in BHFP22P100 Installation Instructions" when cutting.
Refer to the pipe between the Outdoor unit Multi Connection Piping Kit and the outdoor unit of "Connecting pipe sizes and location of cutting the joint in BHFP22P100 Installation Instructions" when cutting.

(Attached to the outdoor unit) Liquid-side accessory pipe assy(1), (Attached to the outdoor unit) Gas-side accessory pipe assy(1), Elbow (field supply) (As per Table 2), (Attached to the outdoor unit) Gas-side accessory pipe assy(1), (Attached to the outdoor unit) Liquid-side accessory pipe assy(1), Liquid-side reduser(1), Gas-side reduser(1), Outdoor unit A, Gas-side joint, Liquid-side joint, Outdoor unit B, Gas pipe 1(field supply) (As per Table 1), Liquid pipe(field supply), Gas pipe(field supply) (Select the pipe length on site), Liquid pipe (field supply), Gas pipe 2(field supply) (As per Table 1)

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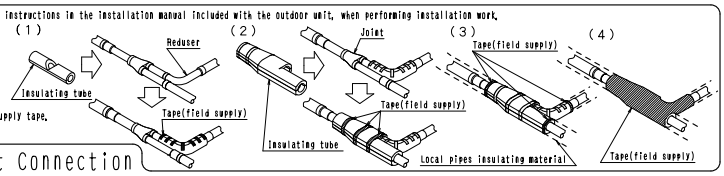
❸ The work after the kit is connected

Connection of piping between the outdoor unit and the indoor unit
Air tight test
Insulation of joints

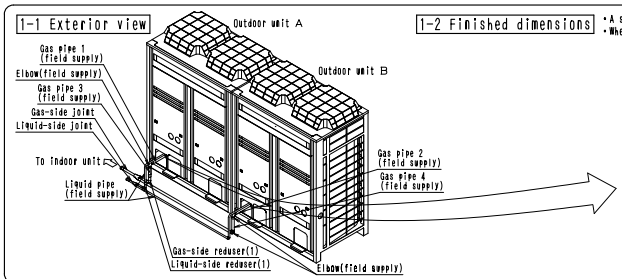
Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

(1)Fit the insulation to the reducer and temporarily keep it in place with tape.
(2)Fit the insulation to the joint and temporarily keep it in place with tape without leaving a gap between the insulation mating faces.(See the figure at the right.)
(3)Seal the seam between the insulation and the field supply piping insulation with the field supply tape.
(4)Wrap the tape around the insulation attached to the joint without leaving a gap. (▨ section shown in the figure at the right.)



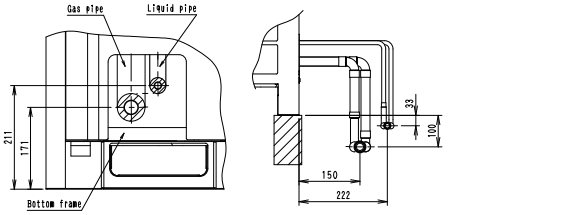
❶ Installation examples — Procedure for Lower Front Connection

1-1 Exterior view



1-2 Finished dimensions

・A standard installation has the following dimensions.
・When the dimensions exceed the standard installation, extend the pipes between the outdoor unit and the joint(field supply).



❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipe 1 to 4

・Cut the pipes according to Table 3

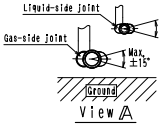
Caution ・The L dimensions of the gas pipe 1 to 4 in Table 3 show those when the field supply elbows have B dimension in Table 2 shown in Procedure for Front Connection, 2 Connection of gas and liquid pipes.
If the B dimensions are not same with Table 2, see Table 2 and 3, and adjust them accordingly.

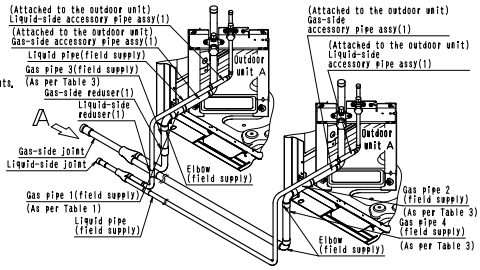
■ Table 3

Model type	Gas pipe 1(field supply) L(mm)	Gas pipe 2(field supply) L(mm)	Gas pipe 3(field supply) L(mm)	Gas pipe 4(field supply) L(mm)
8HP	130	165	59	237
10HP	100	135	83	225
12~18HP	66	101	149	213

2-2 Connection of pipes

・Connect the gas and liquid pipes as shown in the figure at the right.
(When connecting the pipes, first connect the gas-side joint and the gas-side reducer (1), the liquid-side joint and the liquid-side reducer (1).)
・See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
・Install the joint in such a way that the attached face of the caution label becomes horizontal(See the View A).



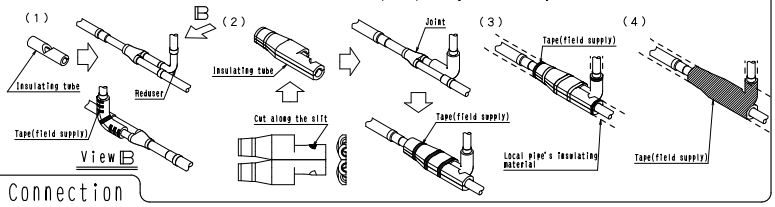


❸ The work after the kit is connected

Connection of piping between the outdoor unit and the indoor unit
Air tight test
Insulation of joints

Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

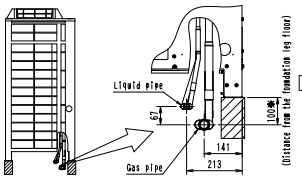
(1)Fit the insulation to the reducer and temporarily keep it in place with tape.
(2)Cut insulating tube along the slit.(See the figure at the right.)
Fit the insulation to the joint and temporarily keep it in place with tape without leaving a gap between the insulation mating faces.
(3)Seal the seam between the insulation and the field supply piping insulation with the field supply tape.
(4)Wrap the tape around the insulation attached to the joint without leaving a gap. (▨ section shown in the figure at the right.)



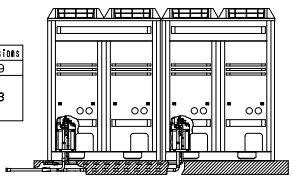
❶ Installation examples — Procedure for Bottom Connection

Caution This installation is only possible if there is enough space to perform brazing and racking underneath the outdoor unit. If a centralized drain pan kit and/or vibration proof base are used, the dimensions marked with "✱" in the figure below will vary, so see the table below and determine the length of the field pipes.

1-1 Exterior view



Separately-sold item also used	✱dimensions
Central drain pan kit	139
Vibration absorption stand	233
Vibration absorption stand+ central drain pan kit	



❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipe 1 and 2, and the Gas-side accessory pipe(3) attached to the outdoor unit

・Cut the pipes according to Table 4 or 5.

Caution ・The "L" dimensions of the gas pipe 1 in Table 4 and the gas pipe 2 in Table 5 are identical to the "B" dimensions in table 2, those of "field supply elbows" shown in the procedure of front connection, which are equivalent to "straight size joint" without stopper.
If the "B" dimentions are not identical to table 2 or "straight size joint" is with sttoper, adjust them as table 2, 4 and 5 show.

■ Table 4 (For Outdoor unit A Side)

Model type	Gas-side accessory pipe(3) B(mm) ✱dimensions For 100	For 139	For 233	Cutting position B	Gas pipe 1(field supply) L(mm) ✱dimensions For 100	For 139	For 233
8HP	102	63	48		unnecesary		79
10HP	72	33	25				86
12HP ~ 18HP	0 (no cutting)	53	0 (no cutting)			92	133

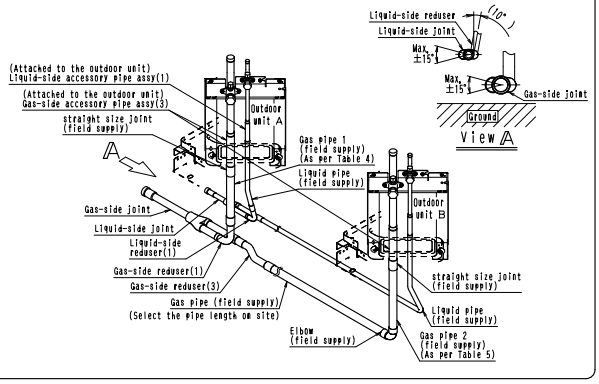
■ Table 5 (For Outdoor unit B Side)

Model type	Gas-side accessory pipe(3) B(mm) ✱dimensions For 100	For 139	For 233	Cutting position B	Gas pipe 2(field supply) L(mm) ✱dimensions For 100	For 139	For 233
8HP	0 (no cutting)	0 (no cutting)	0 (no cutting)		76	115	209
10HP	18	0 (no cutting)	0 (no cutting)		88	109	203
12HP ~ 18HP	32	0 (no cutting)	0 (no cutting)		96	103	197

2-2 Connection of pipes

・Remove the knockout plate on the bottom frame. (See the installation manual attached to the outdoor unit)
・Connect the gas and liquid pipe as shown in the figure below. (When connecting the pipes, first connect the gas-side joint and the gas-side reducer(1), the liquid-side joint and the liquid-side reducer (1))
・See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
・Install the joint in such a way that the attached face of the caution label becomes horizontal. (See the view A)
・Connect the liquid side reducer(1) tilting approx. 10° and bend the field supplied liquid pipe up to the stop valve as shown in the figure below. (See the view A)

Caution ・If the liquid side reducer is connected vertically without bending the liquid pipes, the insulation will not fit.



continue to reverse side

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❸ The work after the kit is connected

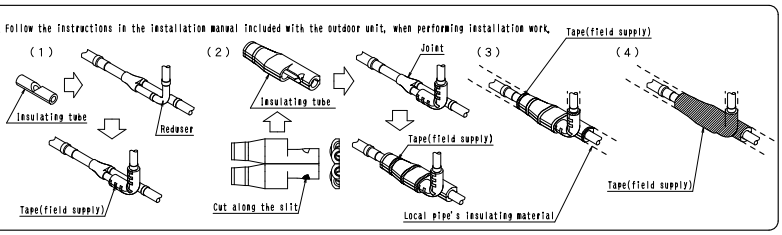
Connection of piping between the outdoor unit and the indoor unit

Air tight test

Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

Insulation of joints

(1) Fit the insulation to the reducer and temporarily keep it in place with tape.
(2) Cut insulating tube along the slit. (See the figure at the right.)
Fit the insulation to the joint and temporarily keep it in place with tape without leaving a gap between the insulation mating faces.
(3) Seal the seam between the insulation and the field supply piping insulation with the field supply tape.
(4) Wrap the tape around the insulation attached to the joint without leaving a gap. (▨ section shown in the figure at the right.)



BHFP22P151 Installation Instructions

⚠Caution There are some restrictions on the interconnecting piping between the outdoor units. See the installation manual attached to the outdoor units and make sure to carry out proper piping. If the piping restrictions are not observed, it may result in malfunction of the unit.

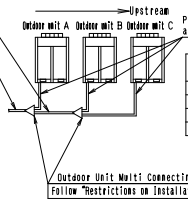
Connecting Pipe Sizes and location of cutting the joint

Select cutting point of a joint or a reducer which is suitable for the size of the interconnecting pipes determined according to the table below and cut it with a pipe cutter.

Pipe between outdoor unit Multi Connection Piping Kit
●Select the pipe size according to the total capacity of the outdoor unit (unit B, C).
Main pipe
●Select the pipe size according to the total capacity of the outdoor unit to be connected upstream (unit A, B, C).

(units : mm)

Outdoor unit total capacity (unit A, B, C) or the total capacity of the outdoor unit to be connected upstream (unit B, C)	Pipe size (O.D. x min. thickness [temper grade])	
	Gas pipe	Liquid pipe
16HP	ϕ28.6X0.99[1/2H]	ϕ12.7X0.80[0]
18~22HP		ϕ15.9X0.99[0]
24HP	ϕ34.9X1.21[1/2H]	
26~34HP		ϕ19.1X0.80[1/2H]
36HP~	ϕ41.3X1.43[1/2H]	



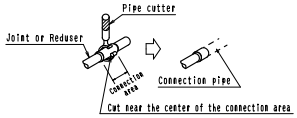
Pipe between the outdoor unit Multi Connection Piping Kit and the outdoor unit

(units:mm)

Outdoor unit capacity type	Pipe size (O.D. x min. thickness [temper grade])	
	Gas pipe	Liquid pipe
8HP	ϕ19.1X0.80[1/2H]	ϕ 9.5X0.80[0]
10HP	ϕ22.2X0.80[1/2H]	
12~16HP	ϕ28.6X0.99[1/2H]	ϕ12.7X0.80[0]
18HP		ϕ15.9X0.99[0]

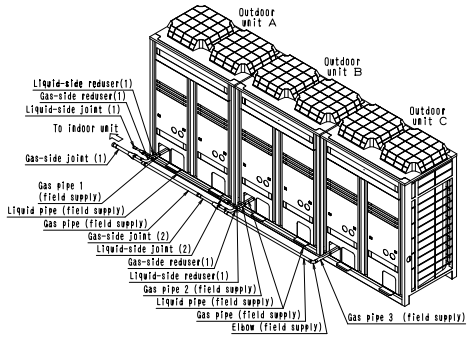
Cutting procedure

• Use pipe cutter for cutting.



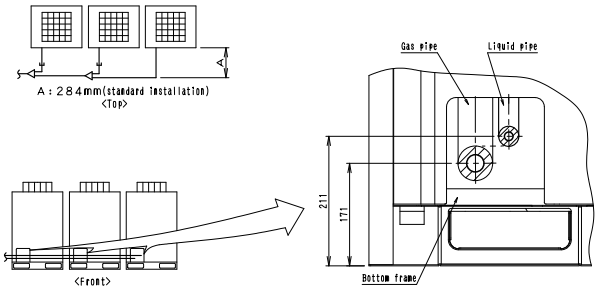
❶ Installation examples Procedure for Front Connection

1-1 Exterior view



1-2 Finished dimensions

• For installations where the A dimensions exceed 284 mm, extend the field supply interconnecting pipe between the joint and the outdoor unit.



❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipes

• Cut the pipes according to Table 6.

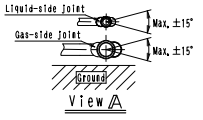
Caution • This Table shows the case when the A dimensions shown in "1-2 Finished dimensions" is 284mm. If the A dimensions exceed 284mm, see Table 6 and adjust the dimensions of the gas pipe 1 and 2 and 3.
• The L dimensions of the gas pipe 3 in Table 6 show those when the field supply elbows have B dimension in Table 2 shown in BHFP22P151 Installation Instruction, 2 connection of gas and liquid pipes.
If the B dimensions are not same with Table 2, see Table 2 and 6, and adjust them accordingly.

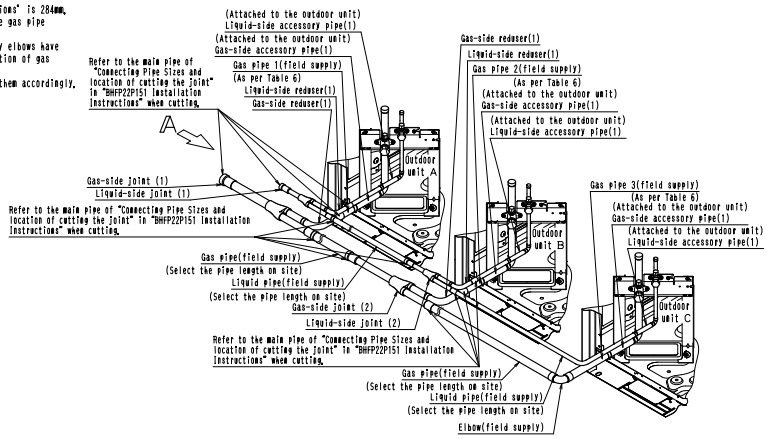
■ Table 6

Model type	Gas pipe 1 (field supply) L (mm)	Gas pipe 2 (field supply) L (mm)	Gas pipe 3 (field supply) L (mm)
8HP	51	69	282
10HP	57	75	252
12~18HP	101	119	218

2-2 Connection of pipes

• Connect the gas and liquid pipes as shown in the figure at the right. When connecting the pipes, first connect the gas-side joint and the gas-side reducer(1), the liquid-side joint and the liquid side reducer(1).
• See "1-2 Finished dimensions" for the location(height) of the joint.
• See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
• Install the joint in such a way that the attached face of the caution label becomes horizontal (See the View A).





❸ The work after the kit is connected

Connection of piping between the outdoor unit and the indoor unit

Air tight test

Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

Insulation of joints

• See "The work after the kit is connected" for a front connection in "BHFP22P151 Installation Instructions."

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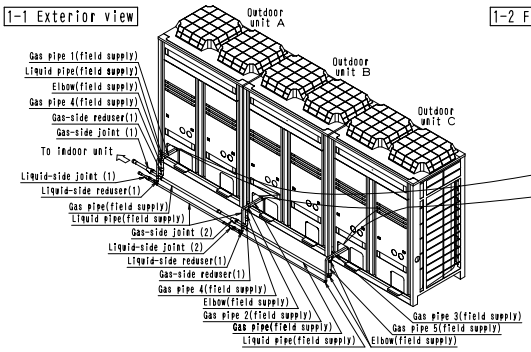
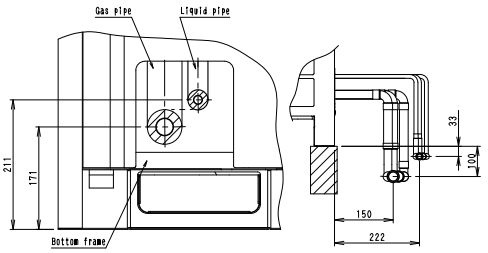
❶ Installation examples — Procedure for Lower Front Connection

1-1 Exterior view



1-2 Finished dimensions

- A standard installation has the following dimensions.
- When the dimensions exceed the standard installation, extend the pipes between the outdoor unit and the joint. (field supply)



❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipes

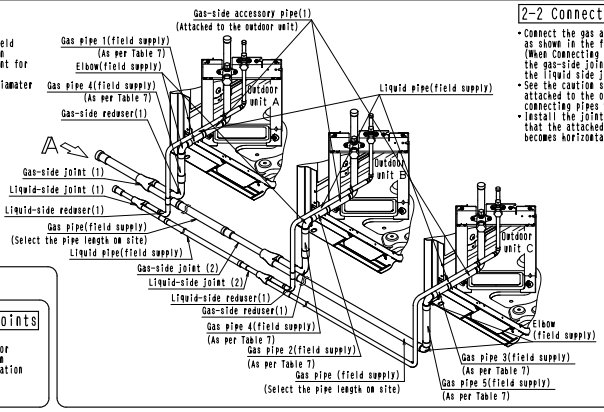
- Cut the pipes according to Table 7.

Caution
- The L dimensions of the gas pipe 1 to 5 in Table 7 show those when the field supply elbows have B dimension in Table 2 shown in BHFP22P100 Installation Instruction. 2 Connection of gas and liquid pipes and the field supply joint for the same diameter pipes are without stopper.
If the B dimensions are not same with Table 2 or the joint for the same diameter pipes have stopper, see Table 2 and 7, and adjust them accordingly.

■ Table7

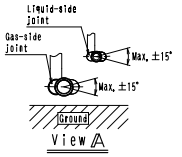
Model type	Gas pipe 1(field supply) L(mm)	Gas pipe 2(field supply) L(mm)	Gas pipe 3(field supply) L(mm)
8HP	130	147	182
10HP	100	117	152
12~18HP	66	83	118

Model type	Gas pipe 4(field supply) L(mm)	Gas pipe 5(field supply) L(mm)
8HP	59	237
10HP	83	225
12~18HP	149	213



2-2 Connection of pipes

- Connect the gas and liquid pipes as shown in the figure at the left. (When Connecting the pipes, first connect the gas-side reducer (1), the liquid side joint and the liquid-side reducer (1).)
- See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
- Install the joint in such a way that the attached face of the caution label becomes horizontal (See the View A).



❸ The work after the kit is connected

Connection of piping between the outdoor unit and the indoor unit

Air tight test

Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

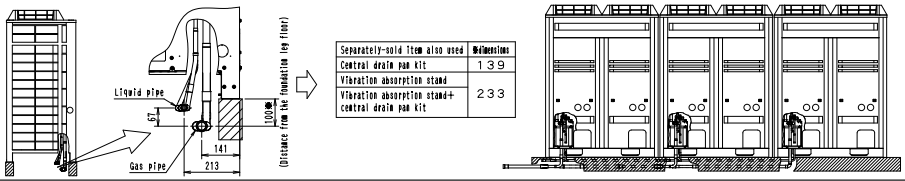
Insulation of joints

- See "The work after the kit is connected" for a lower front connection of "BHFP22P100 Installation Instructions."

❶ Installation examples — Procedure for Bottom Connection

Caution This installation is only possible if there is enough space to perform brazing and racking underneath the outdoor unit. If a centralized drain pan kit and/or vibration proof base are used, the dimensions marked with "✽" in the figure below will vary, so see the table below and determine the length of the field pipes.

1-1 Exterior view



Separately-sold item also used	Dimensions
Central drain pan Kit	139
Vibration absorption stand	233
Vibration absorption stand+ central drain pan Kit	

❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipe 1 and 2, and the Gas-side accessory pipe(3) attached to the outdoor unit

- Cut the pipes according to Table 8 or 9.

Caution
- The "L" dimensions of the gas pipe 1 in Table 8 and the gas pipe 2 in Table 9 are identical to the "B" dimensions in table 2, those of "field supply elbows" shown in the procedure of front connection, which are equivalent to "straight size joint" without stopper. If the "B" dimentions are not identical to table 2 or "straight size joint" is with sttopper, adjust them as table 2, 8 and 9 show.

■ Table 8 (For Outdoor unit A, B Side)

Model type	Gas-side accessory pipe(3) B(mm) ✽dimensions For 100	For 139	For 233	Cutting position	Gas pipe 1(field supply) L(mm) ✽dimensions For 100	For 139	For 233
8HP	102	63	48	B	unnecesary		79
10HP	72	33	25				86
12HP ⌐ 18HP	0 (no cutting)	53	0 (no cutting)			92	133

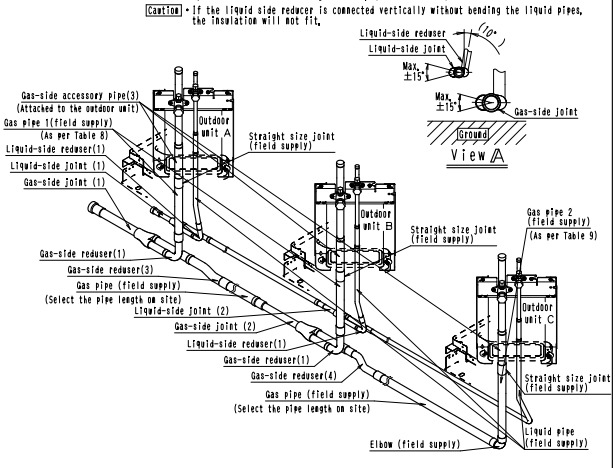
■ Table 9 (For Outdoor unit C Side)

Model type	Gas-side accessory pipe(3) B(mm) ✽dimensions For 100	For 139	For 233	Cutting position	Gas pipe 2(field supply) L(mm) ✽dimensions For 100	For 139	For 233
8HP	0 (no cutting)	0 (no cutting)	0 (no cutting)	B	76	115	209
10HP	18	0 (no cutting)	0 (no cutting)		88	109	203
12HP ⌐ 18HP	32	0 (no cutting)	0 (no cutting)		96	103	197

2-2 Connection of pipes

- Remove the knockout plate on the bottom frame. (See the Installation manual attached to the Outdoor unit)
- Connect the gas and liquid pipe as shown in the figure below. (When connecting the pipes, first connect the gas-side joint and the gas-side reducer(1), the liquid-side joint and the liquid-side reducer (1))
- See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
- Install the joint in such a way that the attached face of the caution label becomes horizontal. (See the view A)
- Connect the liquid side reducer(1) tilting approx. 10° and bend the field supplied liquid pipe up to the stop valve as shown in the figure below. (See the view A)

Caution
- If the liquid side reducer is connected vertically without bending the liquid pipes, the insulation will not fit.



❸ The work after the kit is connected

Connection of piping between the outdoor unit and the indoor unit

Air tight test

Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

Insulation of joints

- See "The work after the kit is connected" for a front connection in "BHFP22P100 Installation Instructions."

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6. Caution Label

6.1 RXQ6TY1 / RXQ8TY1 / RXQ10TY1 / RXQ12TY1

Service Precautions

Touch the noncoating metal part (Ex, standard type:the EL, COMPO, BOX cover, anti-corrosion treatment types:the fixing bolt of EL, COMPO, BOX to eliminate static electricity before performing service.

After finish service, make sure to close service cover. (water soaking and foreign object may cause failure.)

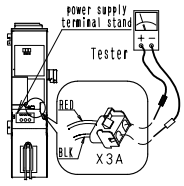
CAUTION when performing service inside the EL, COMPO, BOX

1. Do not open the EL, COMPO, BOX cover for 10 minutes after the power supply is turned off.
2. Measure the voltage between terminals on the terminal block for power supply with a tester and confirm that the power supply is shut off. In addition, measure the points shown below with a tester and confirm that the voltage of the capacitor in the main circuit is less than DC50V.
3. To prevent a damage of the PC board touch the non-coating metal part and make sure to eliminate static electricity before pulling out or plugging in the connector.

continue

⚠WARNING ⚠Caution to ELECTRIC SHOCK

4. The work must be started after pulling out the junction connector X1A・X2A for the fan motor in the outdoor unit and be careful not to touch the live parts. (If the fan rotates by strong wind, it may cause storage of electricity in the capacitor in the main circuit and electric shock.)
5. After the service is finished, plug in the junction connector.
   - For details, see the wiring diagram labeled on the back of the EL, COMPO, BOX lid.
   - Otherwise, error code "E7" will be displayed on 7 segment display of outdoor unit PC board(A1P) and in the remote controller due to wrong connection, and normal operation will not be performed.



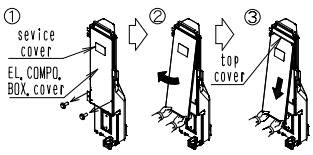
CAUTION for removing and installing the EL, COMPO, BOX cover

[Method of removal]

①Remove the 2 screws fixing the cover
②Remove the cover towards you.
③Pull the cover downward till its top shows.

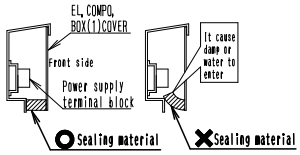
[Method of installation]

For installing the cover, follow the procedures in the reverse order.



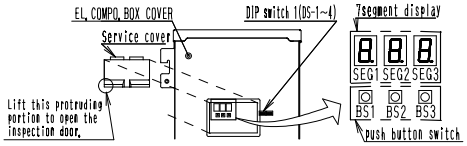
[CAUTION]

- Do not remove the cover by force. If the cover is deformed, water may enter inside, which may cause failure.
- Install the cover so that the sealing material labeled on the lower part on its back side may not get caught in the EL, COMPO, BOX (1) inside. (See as shown on the right)



Field setting If required, carry out the field setting according to the following instructions. For details, see the service manual.

1. How to operate
   - The DIP switch must be operated before shutting the EL, COMPO, BOX cover, which the power supply must be shut off.
   - For operating the push button switch, open the inspection door as shown in the below figure with the power supply turned on and use a resin ballpoint or non-conducting object(see as shown below). After the work is finished, make sure to shut the inspection door.



2. DIP switch setting (for RXYQ~Model)

No.	Setting item	Setting value
DS1-1	Cool/Heat switching setting (Note)	ON (when connect cool/heat switching remote control) OFF (when factory set)
DS1-2~4		No change of Factory set (OFF)

(Note) cool/heat switching remote control (seperated selling product) installing in outdoor unit is enable to switch operation mode (cooling/heating). For details of cool/heat switching remote control installation method, see its installation manual.

3. Setting by the push button switch(BS1~3)

●Function of the push switch

Push button	Button types	Use
BS1	New page button	For changing setting mode
BS2	Operation button	For changing field setting
BS3	Confirmation button	
BS2 long push	Operation button	For check operation
BS3 long push	Confirmation button	For resetting the address when the wiring is changed or an additional indoor unit is installed

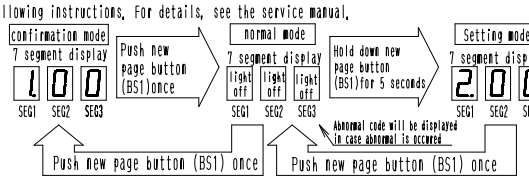
●Normal Mode, Setting Mode, Confirmation mode change method

Push new page button(BS1) it can be switched to as right upper shown confirmation mode, normal mode, setting mode.

Setting mode can use for setting Ⓐ~Ⓗ as shown in right table,
Confirmation mode can use for confirmation of Ⓙ・Ⓚ items as shown in right table,

(Note) About other settings and abnormal code, see the service manual.

continue



If you get confused in the setting process, push the new page button(BS1), then it will return to initial state. (Normal mode)

- For each type setting, make sure to set by master unit. Slave unit setting is invalid.
- Outdoor unit which connect with indoor unit by transmission cables is master unit, other are slave unit.
- Master unit, Slave unit, can be distinguished by 7 segment display according to operation below.

		7 Segment display SEG1	SEG2	SEG3
(1)	By Normal mode push new page button (BS1) once then make it as confirmation mode to confirm 7 segment display if it is as shown in right description.	1	0	0
(2)	To confirm master unit, Slave unit and push confirmation button(BS3) — Master unit	light off	light off	0
	Slave unit 1	light off	light off	1
	Slave unit 2	light off	light off	2

	Make sure to setting mode and confirmation mode first, then perform procedure as below.		Details of setting	7 Segment display SEG1	SEG2	SEG3
Setting procedure	① Push the operation button (BS2) following to setting items (Ⓐ~Ⓗ) and adjust the 7 segment display to the example shown on the right according to the require mode. (✱1) For selecting low noise operation by performing cool/heat setting by cool/heat central remote control, on outside order (for RXYQ~Model only), demand operation and external control adapter for outdoor unit (optional accessory) is required. For details, see the instruction attached to the adapter.		Ⓐ Cool/Heat selection setting (✱1)	2	0	0
			Ⓑ Add refrigerant charging operation setttting	2	2	0
			Ⓒ Refrigerant recovery operation/Evacuation mode setting	2	2	1
			Ⓓ Night time low noise setting	2	2	2
			Ⓔ External low noise level setting(✱1)	2	2	5
			Ⓕ Demand level setting(✱1)	2	3	0
			Ⓖ External low noise demand setting (✱1)	2	1	2
			Ⓗ High static pressure setting	2	1	8
	② Push the confirmation button (BS3) (The present setting will be indicated)			Either of ③		
	③ Push the operation button (BS2) and adjust the 7 segment display to the example. Shown on the right according to the required mode. (✱2) Setting level efficiency: For Ⓓ and Ⓔ: Setting value — Noise value: level 1 ~ level 3 → low noise; For Ⓕ: setting value — Power consumption: level 1 ~ level 8 ← less power. For details, see the service manual.	For Ⓐ	For perform Individual cool/heat switching	light off	light off	0
			For cool/heat switching by master unit	light off	light off	1
			For cool/heat switching by slave unit	light off	light off	2
		For ⒷⒸ ⒼⒽ	ON	light off	light off	1
			OFF (Factory setting)	light off	light off	0
		For Ⓓ (✱2)	OFF (Factory setting)	light off	light off	0
			level A(✱3) (✱3) A is a number of 1~3	light off	light off	A(✱3)
		For Ⓔ (✱2)	level A(✱3) (✱3) A is a number of 1~3(Factory setting:2)	light off	light off	A(✱3)
		For Ⓕ (✱2)	level B(✱4) (✱4) B is number of 1~8 (Factory setting : 3)	light off	light off	B(✱4)
	④ Push confirmation button(BS3)		The setting in ③ is defined	If will turn to light ON.		
	⑤ Push confirmation button again (BS3)		The system start the operation according to the setting	2	0	0
	⑥ Push mode button(BS1)		Return to normal mode.	light off	light off	light off
Confirmation procedure	① Push operation button(BS2) according to confirmation item(Ⓙ,Ⓚ) and adjust the 7 segment display to the example shown on the right according to the required mode.		Ⓙ low noise operation	1	0	1
			Ⓚ demand operation	1	0	2
	② Push confirmation button (BS3) (The present setting will be indicate)		For during setting operation	light off	light off	1
			For during normal operation.	light off	light off	0

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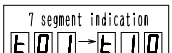
Check operation method

Make sure to open the gas side and liquid side shut off valve before starting operation.

- Make sure to turn on the power supply of all connected unit(indoor・outdoor) before operation.
- Make sure to close all outside plate, then operate. If not, it cannot be checked properly.

- For multi system, make sure to confirm setting・result indication by master unit.
- Make sure to carry out the check operation after the first installation, otherwise, the malfunction code "U3" will be displayed in the remote controller and normal operation can be carried out after 5 minutes.
- The check operation is automatically carried out in a cooling mode, the 7 segment will be indicated as shown in right, and "Test operation" and "Under centralized control" will be displayed in the remote controller.
- During the check operation, it is impossible to stop the unit from the remote controller. When discontinue the operation, push the confirmation button(BS3). The system will stop after behind operation for 30 seconds.
- It may takes 5 minutes to bring the state of refrigerant uniform before the compressor starts. Moreover, during the check operation, the refrigerant running sound, the magnetic sound of a solenoid valve may become loud during operation, but these are not malfunctions.
- The abnormality of each indoor unit cannot be checked. After the check operation is finished, check the indoor units individually by normal operation using the remote controller.

7 segment indication



【Operation procedure】

① To protect the compressor, make sure to turn on the power supply for 6 hour before starting operation.
(After turning on the power supply, the unit can not start the operation until 7 segment goes off. (Maximum 12 minutes))
② In stop condition, set to normal mode.
③ Push the operation button (BS2) for 5 second or more (Then the unit will start the check operation)
④ Close the front panel. (Otherwise, it may cause a misjudgment.)
⑤ When the checks are completed, the system will stop automatically. After the system stopes the operation for 30~40 min. Check the operation results by the outdoor unit 7 segment (see the table shown upward.)

Result	7 segment display
Normality finish	Light off
Abnormality finish	Abnormal code

Push new page button (BS1) in case taking a wrong operation, then follow procedure since ② again.

【Measure for abnormal finish】

① Confirm the malfunction code by the remote controller and 7 segment display, and correct the abnormality. (For how to correct abnormality and correction method, see the installation manual・Operation manual・Service manual.)
② After correcting the abnormality, push the confirmation button (BS3) and reset the malfunction code.
③ Carry out the check operation again and confirm that the abnormality is properly corrected.

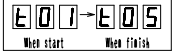
Additional refrigerant charging operation

- When the outdoor unit is stopped and the entire quantity of refrigerant can not be charged, make sure to charge the remaining quantity of refrigerant using this procedure. If the refrigerant quantity is insufficient, the unit may malfunction.

Setting procedure

① Connect the refrigerant charge hose and valve to the shutoff valve service port on the gas side.
② Make sure to completely open shutoff valve on the gas side and the liquid side.
③ Turn ON the power of the indoor unit and the outdoor unit. To protect the compressor, make sure to turn on the power supply for 6 hours before starting operation.
④ In the stopped status, set the addition set ON to the additional refrigerant charging operation by SETTING MODE, and open refrigerant cylinder valve. About valve pulse, make sure to adjust refrigerant charging speed as 1kg/minute.
- The operation is automatically started, 7 segment display will be charged as shown in right(up) and "Test operation" and "under centralized control" are displayed in the remote controller.
- Low pressure indication may display on 7 segment display(as shown in right(down)), however, operation can be carried out continuously.

Test operation・Under centralized control
7 segment display



(Example) 7 segment display
0.17MPa ⇒ 017

⑤ After charging the specified quantity of refrigerant, close refrigerant cylinder valve, press confirmation button(BS3).
- The operation will be stopped. The operation is automatically stopped within 30 minutes. If charging is not completed, set and perform the additional refrigerant charing operation again.
- If the additional refrigerant charging operation is stopped soon, the refrigerant may be overcharged, stop additional charging, make sure to confirm charged amount again.

Caution for piping work and additional refrigerant charge

- Use the charging hose and gauge manifold designed exclusive use R410A in order to withstand the pressure and prevent impurities(such as SUNISO oil) form mixing into.
- Carry out a nitrogen blow when brazing.
- Perform the air tightness and the vacuum during certainly. (the air tightness test pressure:4.0 MPa, make sure to use nitrogen gas.)
- Charge the additional refrigerant in liquid state.

Service mode operation method

- After turning on the power supply, the unit can not start until the 7 segment indication goes off for maximum 12 minutes.
- Do not shut off the power and do not reset the SETTING MODE 2 when evacuating or recovering the refrigerant. (The expansion valves will close and the system can not be evacuated or recovered the refrigerant).

[Evacuation method] (At the first installation this evacuation is not required. It is only required for service.)

① When the unit is in stopping condition and under the SETTING MODE, set the © refrigerant recovery/evacuation mode. (※)
② Evacuate the system with a vaccum pump.
③ Push confirmation button (BS3) after finish evacuation and reset the evacuation mode.
④ Push new page button (BS1) and reset SETTING MODE.
(※) The expansion valves in the indoor and outdoor units will be opened completely, 7 segment display will be changed as shown in the right and "Test operation" and "Under centralized control" will be displayed in the remote controller. The operation will be rejected. 7 Segment display E01

[Refrigerant recovery operation method] (Make sure to use a refrigerant reclaimer)

① When the unit is at standstill and under the SETTING MODE, set the © Refrigerant recovery/Evacuation mode to ON.
② Recovery the refrigerant by a refrigerant reclaimer. (For details, see the manual attached in refrigerant recovery operation method).
③ After completed, push the confrimation button (BS3) and reset the refrigerant recovery mode.
④ Push new page button (BS1) and reset SETTING MODE.

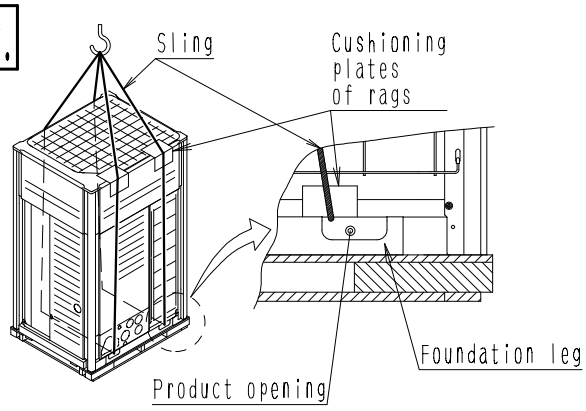
2P343554-1C

R410A

To those who install or move the unit.

1. When lifting the unit

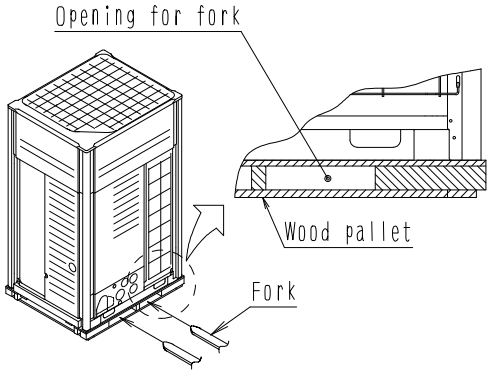
- To hang unit, use 2 slings of at least 8 m long. Put the belt slings into the product openings of foundation legs.
- Put cushioning plates of rags where the slings contact the casing in order to prevent the casing from being damaged.



2. When carrying the unit by forklift

Prohibition	Do not put the fork into the product openings of foundation legs. ※Product could get damaged due to put fork into product openings of foundation legs.

- If a forklift is used for carrying the unit, Put the fork into wood pallet openings by let the tip out of the opposite side sufficiently.



3. Electrical work

- To prevent electric shock and fire accident, be sure to perform grounding and install an earth leak breaker. To perform grounding and install an earth leak breaker, be sure electrical work must be carried out by a licensed electrician.
- To confirm the insulation of main power supply circuit before open shutoff valve. If shutoff valve remains open without charge power supply, Insulation resistance may decline due to refrigerant is accumulated in compressor.

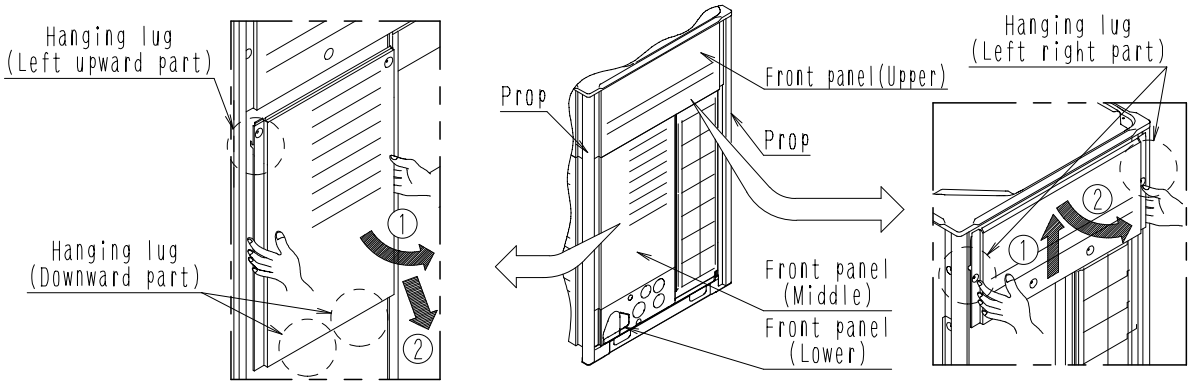
3P342938-1A

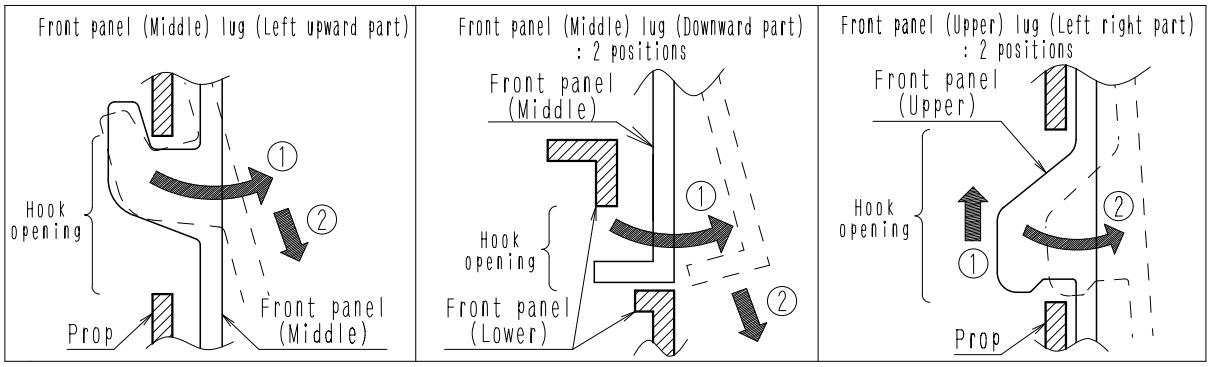
To those who carry out service and maintenance.

⚠ WARNING	●Beware the fan running when inspect.
Caution to electric shock	●Do not touch the charged parts when inspect.

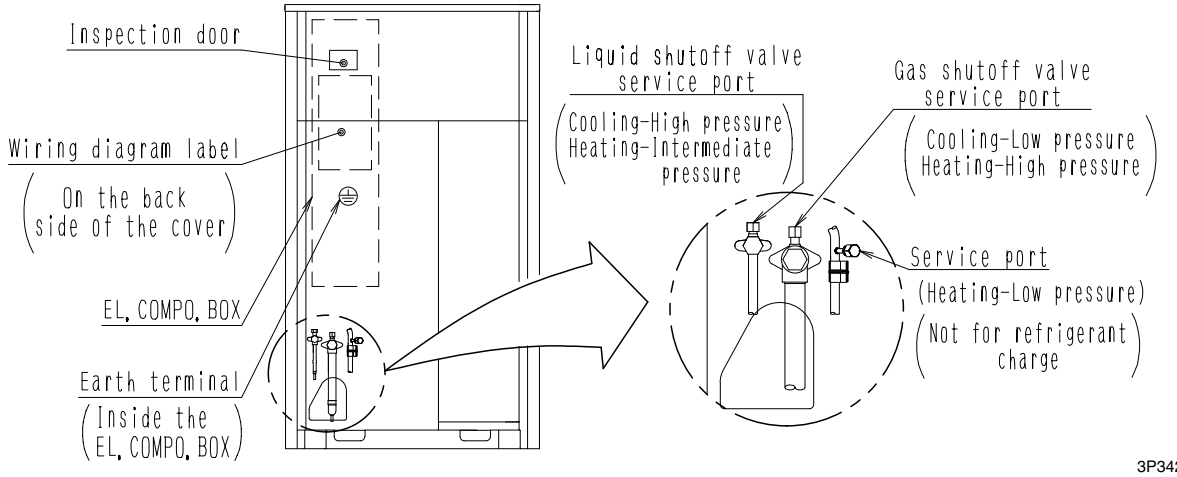
<Front panel (Middle) remove method>
●Pull front panel (down) and a prop out of left upward part and hanging lug downward part towards you (①), Then slide in a slope downward direction (②).

<Front panel (Upper) remove method>
●Lift the panel a little (①), Remove left right hanging lug by raise panel from hook opening towards you (②).





●For the location of the EL. COMPO. BOX and the service part, see as shown below.



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6.2 RXQ14TY1 / RXQ16TY1 / RXQ18TY1 / RXQ20TY1

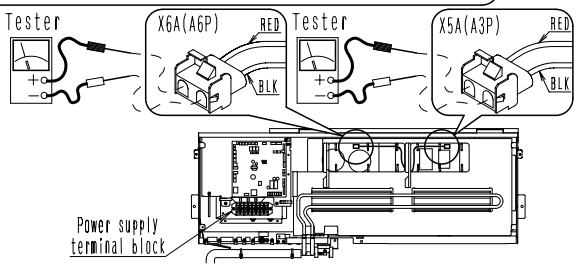
Service Precautions (1/2)

(Touch the noncoating metal part (Ex. standard type:the EL.COM.BOX cover, anti-corrosion treatment types:the fixing bolt of EL.COMPO.BOX to eliminate static electricity before performing service.)

⚠ WARNING | ⚠ Caution to ELECTRIC SHOCK

1. Make sure to turn off power supply before remove the EL.COMPO.BOX cover. (Touch electric parts may cause electric shock.)
2. Do not open the EL.COMPO.BOX cover for 10 minutes after the power supply is turned off.
3. Measure the voltage between terminals on the terminal block for power supply with a tester and confirm that the power supply is shut off. In addition, measure the points shown below with a tester and confirm that the voltage of the capacitor in the main circuit is less than DC 50V.
4. To prevent a damage of the PC board, touch the non coating metal part and make sure to eliminate static electricity before pulling out or plugging in the connector.
5. The work must be started after pulling out the junction connector X1A・X2A・X3A・X4A for the fan motor in the outdoor unit and be careful not to touch the live parts. (If the fan rotates by strong wind, it may cause storage of electricity in the capacitor in the main circuit and electric shock.)
6. After the service is finished, plug in the junction connector.
   - For details, see the wiring diagram label on the back of the EL.COMPO.BOX lid.
   - Otherwise, error code "E7" will be displayed on 7 segment display of outdoor unit PC board (AIP) and in the remote controller due to wrong connection, and normal operation will not be performed.

❗ After finish service, make sure to close service cover. (water soaking and foreign object may cause failure.)



CAUTION for piping work and addition refrigerant charge

- Use the charging hose and gauge manifold designed exclusive use R410A in order to withstand the pressure and prevent impurities(such as SUNISO oil) from mixing into.
- Carry out a nitrongen blow brazing.
- Perform the air tightness and the vacuum drying certainly. (The air tightness test pressure:4.0 MPa)
- Charge the additional refrigerant in liquid state.

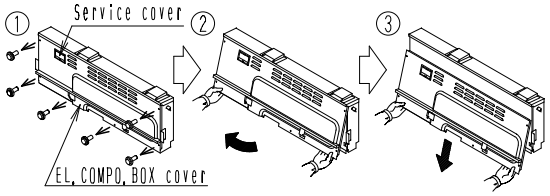
CAUTION in check operation

- Make sure to turn ON the power to the connected units (indoor and outdoor) at first.
- The operation must be performed with the all outer plates closed. Otherwise, the operation will malfunction, and the system cannot check properly.

CAUTION for install and remove EL.COMPO.BOX cover.

[Method of removal]

①Remove the 6 screws fixing the cover.
②Pull the cover towards you.
③Slide the cover downward until can see the upper tip.

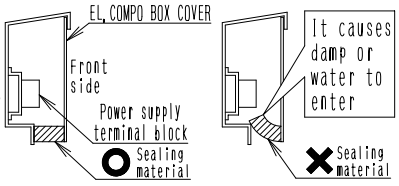


[Method of installation]

For installing the cover, follow the [Method of removal] in the reverse order.

[CAUTION]

- Do not remove the cover by force, if the cover is deformed, water may enter inside, which may cause failure.
- Install the cover so that the sealing material label on the lower part on its back side may not get caught in the EL.COMPO.BOX inside. (see as shown on the right)



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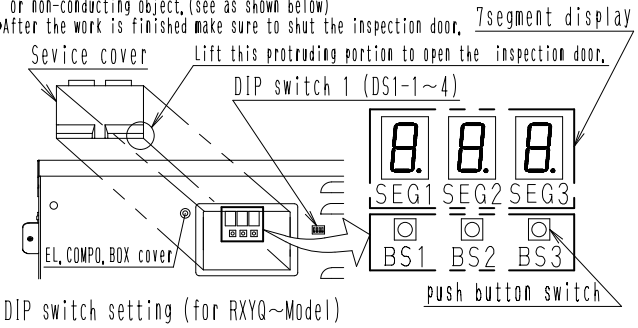
Service precautions (2/2)

Field setting

If required, carry out the field setting according to the following instructions. For details, see the service manual.

1. How to operate
   - The DIP switch must be operate before shutting the EL. COMPO. BOX cover, which the power supply must be shut off.
   - For operating the push button switch, open the inspection door as shown in the right figure with the power supply turned on, and use a resin ballpoint or non-conducting object. (see as shown below)
   - After the work is finished make sure to shut the inspection door.



2. DIP switch setting (for RXYQ~Model)

No.	Setting item	Setting value
DS1-1	Cool/Heat switching setting (Note)	ON (when connect cool/heat switching remote control) OFF (when factory set)
DS1-2~4		No change of Factory set (OFF)

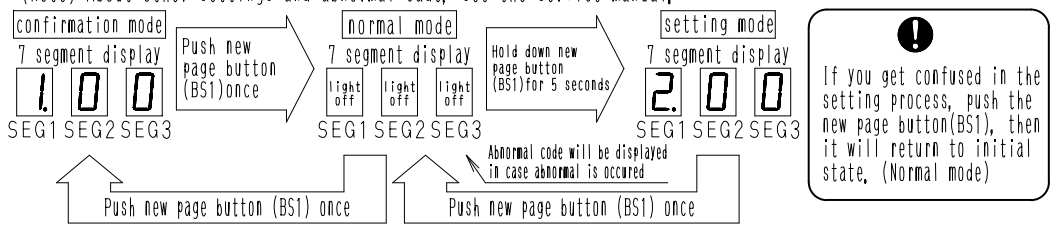
(Note) cool/heat switching remote control (seperated selling product) installing in door unit is enable to switch operation mode (cooling/heating). For details of cool/heat switching remote control installation method, see its installation manual.

3. Setting by the push button switch(BS1~3)
   - Function of the push switch

Push button	Button types	Use
BS1	New page button	For changing setting mode
BS2	Operation button	For changing field setting
BS3	Confirmation button	
BS2 long push	Operation button	For check operation
BS3 long push	Confirmation button	For resetting the address when the wiring is changed or an additional indoor unit is installed

- Normal Mode, Setting Mode, Confirmation mode change method

Push new page button(BS1). It can be switched to as right upper shown confirmation mode, normal mode, setting mode.
Setting mode can use for setting Ⓐ~Ⓗ as shown in right table.
Confirmation mode can use for confirmation of Ⓙ・Ⓚ items as shown in right table.
(Note) About other settings and abnormal cade, see the service manual.



If you get confused in the setting process, push the new page button(BS1), then it will return to initial state. (Normal mode)

- For each type setting, make sure to set by master unit. Slave unit setting is invalid.
- Outdoor unit which connect with indoor unit by transmission cables is master unit, other are slave unit.
- Master unit, Slave unit, can be distinguished by 7 segment display according to operation below.

			7 Segment display		
			SEG1	SEG2	SEG3
(1)	By Normal mode push new page button (BS1) once then make it as confirmation mode to confirm 7 segment display if it is as shown in right description.		1	0	0
(2)	To confirm master unit, Slave unit and push confirmation button(BS3).	Master unit	light off	light off	0
		Slave unit 1	light off	light off	1
		Slave unit 2	light off	light off	2

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	Make sure to setting mode and confirmation mode first, then perform procedure as below.		Details of setting	7 Segment display SEG1	SEG2	SEG3
Setting procedure	① Push the operation button (BS2) following to setting items (Ⓐ ~ Ⓗ) and adjust the 7 segment display to the example shown on the right according to the require mode. (※1) (for RXYQ~Model) For selecting low noise operation by an outside order, demand operation and performing cool/heat setting by cool/heat central remote control, on outside order, demand operation and external control adapter for outdoor unit (optional accessory) is required. For details, see the instruction attached to the adapter.		Ⓐ Cool/Heat selection setting (※1)	2	0	0
			Ⓑ Add refrigerant charging operation settting	2	2	0
			Ⓒ Refrigerant recovery operation/Evacuation mode setting.	2	2	1
			Ⓓ Night time low noise setting	2	2	2
			Ⓔ External low noise level setting(※1)	2	2	5
			Ⓕ Demand level setting(※1)	2	3	0
			Ⓖ External low noise demand setting (※1)	2	1	2
			Ⓗ High static pressure setting	2	1	8
	② Push the confirmation button (BS3) (The present setting will be indicated)			Either of ③		
	③ Push the operation button (BS2) and adjust the 7 segment display to the example. Shown on the right according to the required mode. (※2) Setting level efficiency For Ⓓ and Ⓔ: Setting value: level 1 ~ level 3; Noise value: ⟶ low noise For Ⓕ: setting value: level 1 ~ level 8; Power consumption: less power ⟵ For details, see the service manual.	For Ⓐ	For perform individual cool/heat switching	light off	light off	0
			For cool/heat switching by master unit	light off	light off	1
			For cool/heat switching by slave unit	light off	light off	2
		For Ⓑ Ⓒ Ⓖ Ⓗ	ON	light off	light off	1
			OFF (Factory setting)	light off	light off	0
		For Ⓓ (※2)	OFF (Factory setting)	light off	light off	0
			level A(※3) (※3) A is a number of 1~3	light off	light off	A(※3)
		For Ⓔ (※2)	level A(※3) (※3) A is a number of 1~3(Factory setting:2)	light off	light off	A(※3)
		For Ⓕ (※2)	level B(※4) (※4) B is number of 1~8 (Factory setting : 3)	light off	light off	B(※4)
	④ Push confirmation button(BS3)		The setting in ③ is defined	If will turn to light ON.		
	⑤ Push confirmation button again (BS3)		The system start the operation according to the setting.	2	0	0
	⑥ Push mode button(BS1)		Return to normal mode.	light off	light off	light off
Confirmation procedure	① Push operation button(BS2) according to confirmation item(Ⓙ,Ⓚ) and adjust the 7 segment display to the example shown on the right according to the required mode.		Ⓙ low noise operation	1	0	1
			Ⓚ demand operation	1	0	2
	② Push confirmation button (BS3) (The present setting will be indicate)		For during setting operation	light off	light off	1
			For during normal operation.	light off	light off	0

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Additional refrigerant charging operation

- When the outdoor unit is stopped and the entire quantity of refrigerant can not be charged, make sure to charge the remaining quantity of refrigerant using this procedure. If the refrigerant quantity is insufficient, the unit may malfunction.

Setting procedure
① Connect the refrigerant charge hose and valve to the shutoff valve service port on the gas side.
② Make sure to completely open shutoff valve on the gas side and the liquid side.
③ Turn ON the power of the indoor unit and the outdoor unit. To protect the compressor, make sure to turn on the power supply for 6 hours before starting operation.
④ In the stopped status, set the addition set ON to the additional refrigerant charging operation by SETTING MODE, and open refrigerant cylinder valve. About valve pulse, make sure to adjust refrigerant charging speed as 1kg/minute. ●The operation is automatically started. 7 segment display will be charged as shown in right(up) and "Test operation" and "under centralized control" are displayed in the remote controller. ●Low pressure indication may display on 7 segment display(as shown in right(down)), however, operation can be carried out continuously. Test operation・Under centralized control 7 segment display E01 → E05 When start When finish Example 7 Segment display 0.17MPa ⇒ 0.17
⑤ After charging the specified quantity of refrigerant, close refrigerant cylinder valve, press confirmation button(BS3). ●The operation will be stopped. The operation is automatically stopped within 30 minutes. If charging is not completed, set and perform the additional refrigerant charging operation again. ●If the additional refrigerant charging operation is stopped soon, the refrigerant may be overcharged. Stop additional charging, make sure to confirm charged amount again.

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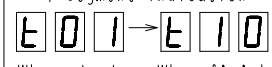
Check operation method

Make sure to open the gas side and liquid side shutoff valve before starting operation.

- The items below will be automatically checked by check operation.
  ◆check of miswiring ◆check of shutoff valve opening ◆Check of refrigerant overcharge ◆Judgement of piping length.
- Make sure to carry out the check operation after the first installation, otherwise, the malfunction code "U3" will be displayed in the remote controller and normal operation can be carried out after 5 minutes.
- For multi system, make sure to confirm setting・result indication by master unit.
- The check operation is automatically carried out in a cooling mode, the 7 segment will be indicated as shown in right, and "Test operation" and "under centralized control" will be displayed in the remote controller.
- During the check operation, it is impossible to stop the unit from the remote controller. When discontinue the operation, push the confirmation button(BS3). The system will stop after behind operation for 30 seconds.
- It may takes 5 minutes to bring the state of refrigerant uniform before the compressor starts. Moreover, during the check operation, the refrigerant running sound, the magnetic sound of a solenoid valve may become loud during operation, but these are not malfunctions.
- The abnormality of each indoor unit cannot be checked. After the check operation is finished, check the indoor units individually by normal operation using the remote controller.

7 segment indication



When start When finish

【Operation procedure】

① To protect the compressor, make sure to turn on the power supply for 6 hour before starting operation.
(After turning on the power supply, the unit can not start the operation until 7 segment goes off. (Maximum 12 minutes))
② In stop condition, set to normal mode
③ Push the operation button (BS2) for 5 second or more (Then the unit will start the check operation)
④ Close the front panel. (Otherwise, it may cause a misjudgment.)
⑤ When the checks are completed, the system will stop automatically. After the system stopes the operation for 30~40 min. Check the operation results by the outdoor unit 7 segment (see the table shown below.)

Push new page button (BS1) in case taking a wrong operation, then follow procedure since ② again.

Result	7 Segment display
Normality finish	Light off
Abnormality finish	Abnormal code

【Measure for abnormal finish】

① Confirm the malfunction code by the remote controller and 7 segment display, and correct the abnormality. (For how to correct abnormality and correction method, see the installation manual・Operation manual・Service manual.)
② After correcting the abnormality, push the confirmation button (BS3) and reset the malfunction code.
③ Carry out the check operation again and confirm that the abnormality is properly corrected.

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Service mode operation method

- After turning on the power supply, the unit can not start until the 7 segment indication goes off for maximum 12 minutes.
- Do not shut off the power and do not reset the SETTING MODE 2 when evacuating or recovering the refrigerant. (The expantion valves will close and the system can not be evacuated or recovered the refrigerant.)

[Evacuation method] (At the first installation this evacuation is not required. It is only required for service.)

① When the unit is in stopping condition and under the SETTING MODE, set the Ⓒ refrigerant recovery/evacuation mode. (※)
② Evacuate the system with a vaccum pump.
③ Push confirmation button (BS3) after finish evacuation and reset the evacuation mode.
④ Push new page button (BS1) and reset SETTING MODE.

[Refrigerant recovery operation method] (Make sure to use a refrigerant reclaim)

① When the unit is at standstill and under the SETTING MODE, set the Ⓒ refrigerant recovery/Evacuation mode to ON.
② Recovery the refrigerant by a refrigerant reclaim. (For details, see the manual attached in refrigerant recovery operation method).
③ After completed, push the confrimation button (BS3) and reset the refrigerant recovery mode.
④ Push new page button (BS1)and reset SETTING MODE.

(※) The expansion valves in the indoor and outdoor units will be opened completely, 7 segment display will be changed as shown in the right and "Test operation" and "Under centralized control" will be displayed in the remote controller. The operation will be rejected.

7 Segment display 

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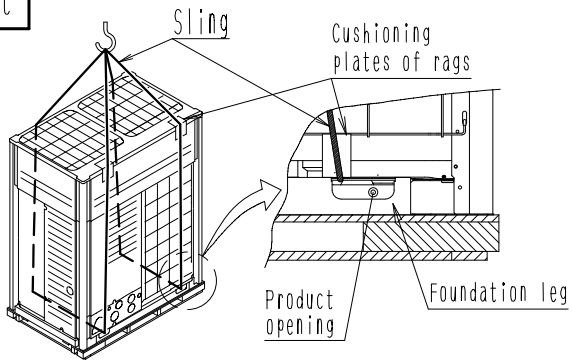
R410A

To those who install or move the unit

1. When lifting the unit

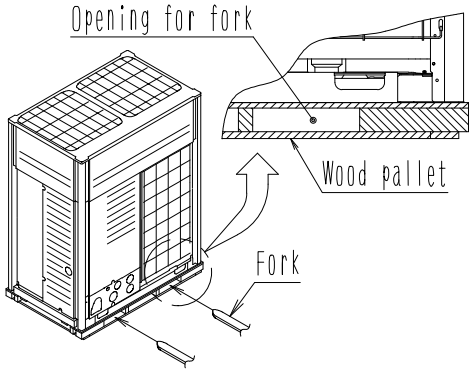
- To hang the unit, use 2 slings of at least 8 m long. Put the belt slings into the product openings of foundation legs.
- Put cushioning plates of rags where the slings contact the casing in order to prevent the casing from being damaged.



2. When carrying the unit by forklift

Prohibition	Do not put the fork into the product openings of foundation legs. ※Product could get damaged due to put fork into product openings of foundation legs.

- If a forklift is used for carrying the unit, Put the fork into wood pallet openings by let the tip out of the opposite side sufficiently.



3. Electrical work

- To prevent electric shock and fire accident, be sure to perform grounding and install an earth leak breaker. To perform grounding and install an earth leak breaker, be sure electrical work must be carried out by a licensed electrician.
- To confirm the insulation of main power supply circuit before open shutoff valve. If shutoff valve remains open without charge power supply, insulation resistance may decline due to refrigerant is accumulated in compressor.

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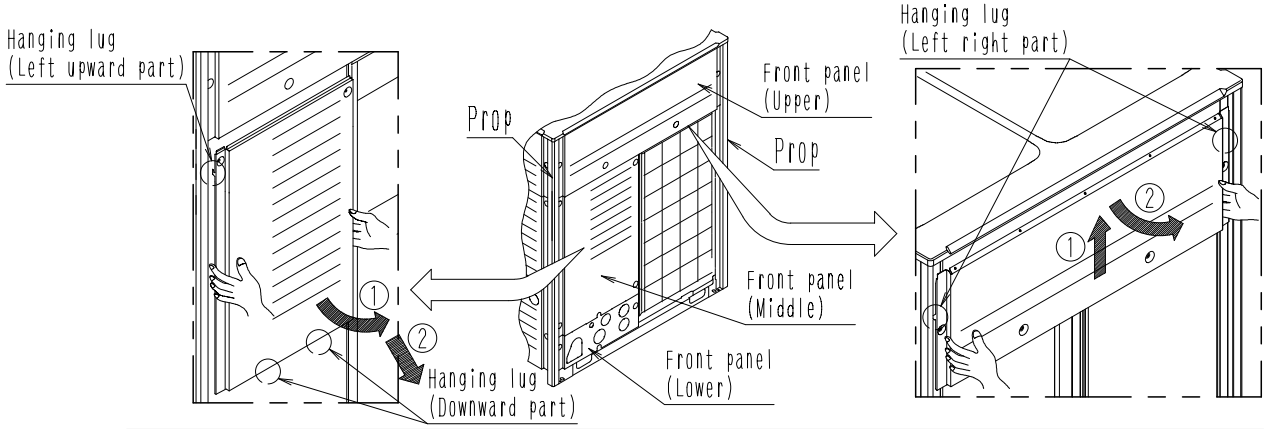
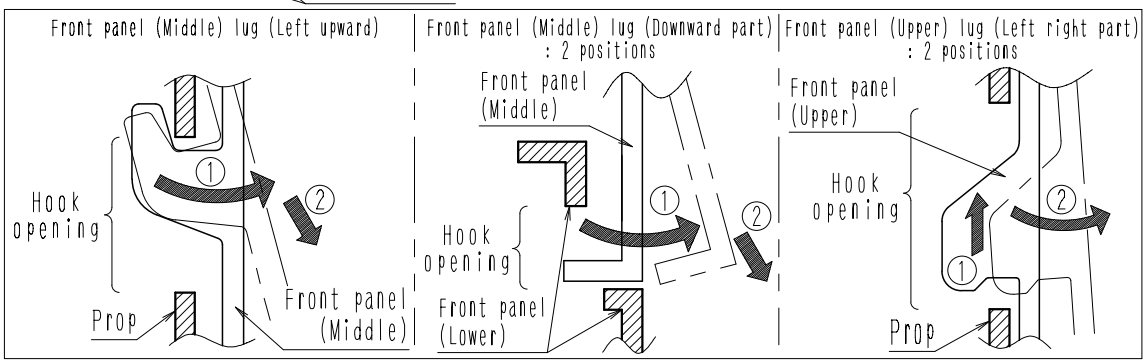
To those who carry out service and maintenance

⚠ WARNING	●Beware the fan running when inspect.
⚠ Caution to electric shock	●Do not touch the charged part when inspect.

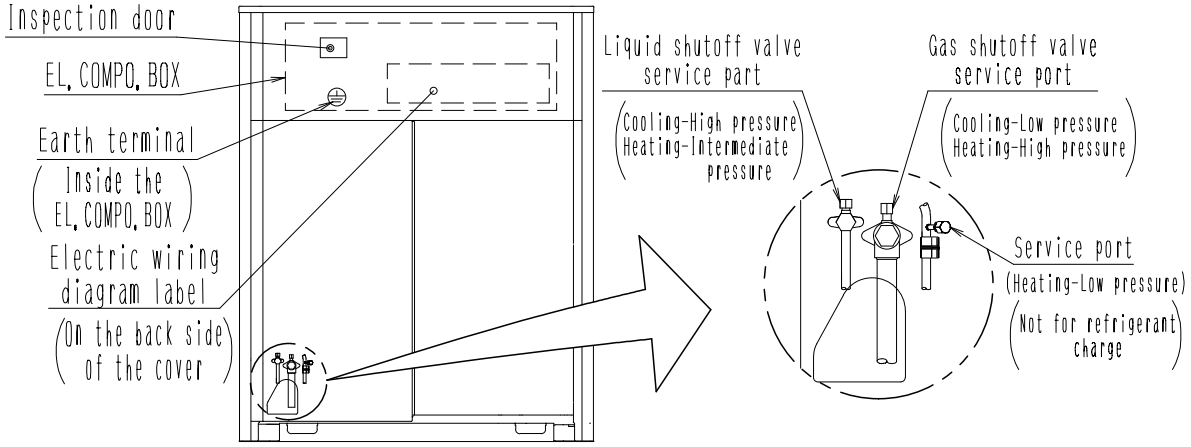
<Front panel (Middle) remove method>
●Pull front panel (down) and a prop out of left upward part and hanging lug downward part towards you (①), Then slide in a slope downward direction (②).

<Front panel (Upper) remove method>
●Lift the panel a little (①), remove left right hanging lug by raise panel from hook opening towards you (②).





●For the location of the EL. COMPO. BOX and the service part, see as shown below.



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Part 10
Option of Control

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1. Option List of Controllers

1.1 Operation Control System Optional Accessories

For *VRV* indoor unit use

No.	Item		Type											
			FXFQ-S FXFQ-LU	FXZQ-M	FXUQ-A	FXCQ-M	FXKQ-MA	FXDQ-PB FXDQ-NB	FXMQ-P	FXMQ-MA	FXHQ-MA	FXAQ-P	FXLQ-MA FXNQ-MA	FXVQ-M
1	Remote controller	Wireless	BRC7F635F	BRC7E531W	BRC7CB59	BRC7C67	BRC4C63	BRC4C66	BRC4C66	BRC4C64	BRC7EA66	BRC7EA619	BRC4C64	—
		Wired	BRC1C62											Note 8 BRC1C62
2	Navigation remote controller (Wired remote controller)		Note 7 BRC1E62											Note 9 BRC1E62
3	Simplified remote controller (Exposed type)		—					BRC2C51			—		BRC2C51	—
4	Remote controller for hotel use (Concealed type)		—					BRC3A61			—		BRC3A61	—
5	Adaptor for wiring		★ KRP1C63	★ KRP1BA57	—	★ KRP1B61	KRP1B61	★ KRP1B56	★ KRP1C64	KRP1B61	KRP1BA54	—	KRP1B61	KRP1C67
6-1	Wiring adaptor for electrical appendices (1)		★ KRP2A62		—	★ KRP2A61	KRP2A61	★ KRP2A53	★ KRP2A61	KRP2A61	★ KRP2A62	★ KRP2A61	KRP2A61	KRP2A62
6-2	Wiring adaptor for electrical appendices (2)		★ KRP4AA53		★ KRP4AA53	★ KRP4AA51	KRP4AA51	★ KRP4A54	★ KRP4AA51	KRP4AA51	★ KRP4AA52	★ KRP4AA51	KRP4AA51	—
7	Remote sensor (for indoor temperature)		KRCS01-4B	KRCS01-1B	KRCS01-4B	KRCS01-1B			KRCS01-4B	KRCS01-1B				
8	Installation box for adaptor printed circuit board		Note 2, 3 KRP1H98	Note 4, 6 KRP1BA101	KRP1BA97	Note 2, 3 KRP1B96	—	Note 4, 6 KRP1BA101	Note 2, 3 KRP4A96	—	Note 3 KRP1CA93	Note 2, 3 KRP4AA93	—	—
9	External control adaptor for outdoor unit		★ DTA104A62		—	★ DTA104A61	DTA104A61	★ DTA104A53	★ DTA104A61	DTA104A61	★ DTA104A62	★ DTA104A61	DTA104A61	Note 10 DTA104A62
10	Adaptor for multi tenant		★ DTA114A61	—	—	—	—	—	★ DTA114A61	—	—	★ DTA114A61	—	—
11	External control adaptor for cooling / heating		—	—	—	—	—	—	—	—	—	—	—	Note 10 KRP6A1
12	Remote control adaptor with key		—	—	—	—	—	—	—	—	—	—	—	KRCB37-1

Notes:

1. Installation box (No.8) is necessary for each adaptor marked ★.
2. Up to 2 adaptors can be fixed for each installation box.
3. Only one installation box can be installed for each indoor unit.
4. Up to 2 installation boxes can be installed for each indoor unit.
5. Installation box (No. 8) is necessary for second adaptor.
6. Installation box (No. 8) is necessary for each adaptor.
7. Individual airflow direction, auto airflow rate and sensing sensor control can be set only via wired remote controller BRC1E62. Cannot be set via other remote controllers.
8. Since the control panel is equipped as standard, use the option for 2 remote control system.
9. When using BRC1E62, be sure to remove the control panel and since BRC1E62 cannot be stored inside the indoor unit, please place it separately.
10. Remove the group control adaptor which is a standard equipment before mounting KRP6A1 and DTA104A62. KRP6A1 and DTA104A62 cannot be mounted to the same indoor unit at the same time.

For residential indoor unit use

No.	Item		Type				
			FCQ-B	FFQ-B	FBQ-B	FDKS-EA FDKS-C(A)	FTKS-D FTKS-B FTKS-F
1	Remote controller	Wired type Note 1	BRC1C61			—	
		Wireless type	BRC7C613W	BRC7E531W	—	— Note 2	
2	Adaptor for wiring		Note 3 KRP1BA57	Note 4 KRP1BA57	KRP1BA54	—	
3	Wiring adaptor for electrical appendices		Note 3 KRP4AA53	Note 4 KRP4AA53	KRP4AA51	—	
4	Installation box for adaptor printed circuit board		KRP1B98	KRP1BA101	—		
5	Remote sensor (for indoor temperature)		—	KRCS01-1B	—		
6	Wiring adaptor for time clock/remote controller (Normal open pulse contact/normal open contact) Note 5		—			KRP413AB1S	
7	Remote controller loss prevention chain		—			KKF917A4	

Notes:

1. Wiring for wired remote controller should be obtained locally.
2. A wireless remote controller is a standard accessory for FDKS and FTKS models.
3. Installation box for adaptor printed circuit board (KRP1B98) is necessary.
4. Installation box for adaptor printed circuit board (KRP1BA101) is necessary.
5. Time clock and other devices should be obtained locally.

1.2 System Configuration

No.	Item		Model No.	Function
1	Residential central remote controller		Note 2 DCS303A51	■ Up to 16 groups of indoor units (128 units) can be easily controlled using the large LCD panel, ON/OFF, temperature settings and scheduling can be controlled individually for indoor units.
2	Central remote controller		DCS302CA61	■ Up to 64 groups of indoor units (128 units) can be connected, and ON/OFF, temperature setting and monitoring can be accomplished individually or simultaneously. Connectable up to 2 controllers in one system.
2-1	Electrical box with earth terminal (3 blocks)		KJB311AA	
3	Unified ON/OFF controller		DCS301BA61	■ Up to 16 groups of indoor units (128 units) can be turned, ON/OFF individually or simultaneously, and operation and malfunction can be displayed. Can be used in combination with up to 8 controllers.
3-1	Electrical box with earth terminal (2 blocks)		KJB212AA	
3-2	Noise filter (for electromagnetic interface use only)		KEK26-1A	
4	Schedule timer		DST301BA61	■ Programmed time weekly schedule can be controlled by unified control for up to 64 groups of indoor units (128 units). Can turn units ON/OFF twice per day.
5	5-room centralized controller for residential indoor units	For FDKS, FTKS	Note 3 KRC72A	■ Up to 5 indoor units can be controlled. This is a low cost system which can only control ON/OFF.
6	Interface adaptor for residential indoor units	For FDKS, FTKS	KRP928BB2S	■ Adaptors required to connect products other than those of the *VRV* system to the high-speed DIII-NET communication system adopted for the *VRV* system. ★To use any of the above optional controllers, an appropriate adaptor must be installed on the product unit to be controlled.
7	Interface adaptor for SkyAir series	For FCQ-B, FFQ-B, FHQ-BV, FBQ-B	★ DTA112BA51	
8	Central control adaptor kit	For UAT(Y)-K(A),FD-K	★ DTA107A55	
9	Wiring adaptor for other air-conditioner		★ DTA103A51	
10	DIII-NET Expander Adaptor		DTA109A51	■ Up to 1024 units can be centrally controlled in 64 different groups. ■ Wiring restrictions (max. length: 1,000m, total wiring length: 2,000m, max. number of branches: 16) apply to each adaptor.
10-1	Mounting plate		KRP4A92	■ Fixing plate for DTA109A51

Notes:

1. Installation box for ★ adaptor must be obtained locally.
2. For residential use only. Cannot be used with other centralized control equipment.
3. A wiring adaptor (KRP413AB1S) is also required for each indoor unit.

1.3 Building Management System

No.	Item				Model No.	Function
1	intelligent Touch Controller	Basic	Hardware	intelligent Touch Controller	DCS601C51	■ Air-Conditioning management system that can be controlled by a compact all-in-one unit.
1-1		Option	Hardware	DIII-NET plus adaptor	DCS601A52	■ Additional 64 groups (10 outdoor units) are possible.
1-2	Electrical box with earth terminal (4 blocks)				KJB411A	■ Wall embedded switch box.
2	intelligent Touch Manager	Basic	Hardware	intelligent Touch Manager	DCM601A51	■ Air-conditioning management system that can be controlled by touch screen.
2-1		Option	Hardware	iTM plus adaptor	DCM601A52	■ Additional 64 groups (10 outdoor units) are possible. Max. 7 iTM plus adaptors can be connected to intelligent Touch Manager.
2-2			Software	iTM power proportional distribution	DCM002A51	■ Power consumption of indoor units are calculated based on operation status of the indoor unit and outdoor unit power consumption measured by kWh metre.
2-3				iTM energy navigator	DCM008A51	■ Building energy consumption is visualized. Wasted air-conditioning energy can be found out.
2-4				BACnet client	DCM009A51	■ BACnet equipment can be managed by intelligent touch Manager.
2-5	Di unit				DEC101A51	■ 8 pairs based on a pair of ON/OFF input and abnormality input.
2-6	Dio unit				DEC102A51	■ 4 pairs based on a pair of ON/OFF input and abnormality input.
3	Communication interface	★1 Interface for use in BACnet®			DMS502B51	■ Interface unit to allow communications between *VRV* and BMS. Operation and monitoring of air-conditioning systems through BACnet® communication.
3-1		Optional DIII board			DAM411B51	■ Expansion kit, installed on DMS502B51, to provide 2 more DIII-NET communication ports. Not usable independently.
3-2		Optional Di board			DAM412B51	■ Expansion kit, installed on DMS502B51, to provide 16 more wattmeter pulse input points. Not usable independently.
4		★2 Interface for use in LonWorks®			DMS504B51	■ Interface unit to allow communications between *VRV* and BMS. Operation and monitoring of air-conditioning systems through LonWorks® communication.
5		Home Automation Interface Adaptor			DTA116A51	■ Use of the Modbus protocol enables the connection of the *VRV* system with a variety of home automation systems from other manufacturers.
6	Contact/ analog signal	Unification adaptor for computerised control			★ DCS302A52	■ Interface between the central monitoring board and central control units.

Notes:

★1. BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).

★2. LonWorks® is a trademark of Echelon Corporation registered in the United States and other countries.

★3. Installation box for ★ adaptor must be obtained locally.

Part 11
Guide Specifications

1. Guide Specifications 732
1.1 Indoor Unit 732
1.2 Outdoor Unit 732
1.3 Control 732

1. Guide Specifications

Unit is air cooled, split type multi-system air conditioner consisting of plural indoor and outdoor units, having capability to cool or heat for the requirements of the rooms.

1.1 Indoor Unit

Various type's and capacity's indoor units can be connected to one refrigerant circuit and controlled individually. Refer to the chapter of **Indoor Units** for connectable models.

1.2 Outdoor Unit

- The outdoor unit is a factory assembled unit housed in weatherproof casing constructed of rustproofed steel panels.
- The outdoor unit is modular in design and allowed for side by side installation. Refer to the **Installation manual** for details.
- The compressor is highly efficient hermetic type and equipped with inverter control capable of changing the speed in accordance to the cooling or heating load requirement.
- The outdoor unit has multi-step of capacity control to meet load fluctuation and indoor unit individual control.
- Wide range of indoor units are connectable.
  Refer to the chapter of **General Information** for connectable range of indoor units.
- If one of the multiple compressors in a single outdoor unit system malfunctions, the other compressors take over emergency operation. (Possible only with single outdoor unit systems that are equipped with two or more compressors. Local setting of the outdoor unit is necessary.)
- If one of the unit in a multiple outdoor system malfunctions, the other outdoor units provide emergency operation until repairs can be made. (For systems composed of two or more outdoor units.)
- The heat exchanger is constructed with copper tubes mechanically bonded to aluminium fins to form a cross fin coil.
- The aluminium fins are coated by anti-corrosion resin.
- The refrigerant circuit includes liquid and gas shut off valves.
- All necessary safety devices are provided to ensure the safety operation of the system.
- Unit is equipped with the oil recovery system to ensure stable operation with long refrigerant piping.

1.3 Control

- Indoor unit, BP unit or BS unit, etc. have electronic control device which control refrigerant flow in respond to required load of the room.
- The address of the indoor unit can be set automatically.
- In case of centralized control, it can be set with the remote controller.
- Unit is equipped with a self-diagnosis for easy and quick maintenance and service.
- The LCD (Liquid Crystal Display) remote controller memorizes the malfunction code for easy maintenance.
- Various control system are available as option such as iTM, Central Remote Controller, Unified ON / OFF Controller, etc. Refer to the chapter of **Option of Control** for details.

Warning

- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

● Specifications, designs and other content appearing in this brochure are current as of September 2014 but subject to change without notice.

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