Mitsubishi Electric Quality

The best quality you can rely on.

Our quality assurance program guided by our stringent Quality Policy ensures confidence in all phases of the development process from design and manufacture, to the finished product.



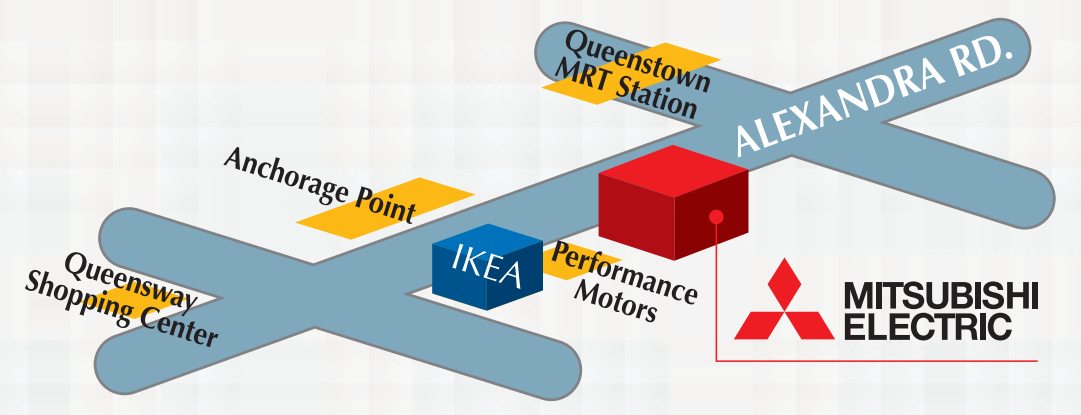
Line test | Sound test | Performance test | Endurance test | Heat stress test | Saltwater spray rust test



Technical assistance within 24 hours.

At Mitsubishi Electric, customers are our priority, which is why we provide attentive after-sales service to respond to your needs within 24 hours. Our service records show that upon receipt of a customer service request, more than 90% of them were completed on the same day, or the next working day. That's the kind of service you can look forward to. Because that's our way of thanking you for putting your trust in Mitsubishi Electric.

MITSUBISHI ELECTRIC ASIA PTE LTD
307 Alexandra Road, #05-01/02, Mitsubishi Electric Building, Singapore 159943
TEL: (65) 6473 2308 FAX: (65) 6476 0590
Office Hours: Monday - Friday 8:30am - 5:30pm
Show Room Opening Hours:
Monday-Friday 8:30am - 5:30pm
Saturday & Sunday 10:00am - 6:00pm
Closed on Public Holidays Tel: (65) 6470 2600



Mitsubishi Electric starMEX Air-Conditioner

eco Changes for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

MITSUBISHI ELECTRIC CORPORATION
HEAD OFFICE: TOKYO BLDG. 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

MITSUBISHI ELECTRIC ASIA PTE LTD
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(Showroom) **Tel**: (65) 6470 2600. **http://www.MitsubishiElectric.com.sg**

New publication effective September 2011 Specifications subject to change without notice. Due to printing consideration, the actual colors may vary slightly from those shown inside brochure.

MITSUBISHI ELECTRIC
Changes for the Better

Mitsubishi Electric Quality

TRUSTED BRAND 2011

Past Awards
Reader's Digest SuperBrand & TrustedBrand (Asia or Singapore)
2003, 2004, 2005, 2006, 2007, 2008, 2009 & 2010

Mitsubishi Electric starMEX Air-Conditioner

The No.1 Specialist in Energy Saving

At the leading-edge of air conditioning technology

Excellent Energy Efficiency

Easiest to Clean! Reachable Inner Vent for Easy Clean

Quietest! 19dB

Manufacturer of the World's First Wall-Mounted Split Air Conditioner*
*applying line flow fan

SAVE R410A OZONE

R22

EXCELLENT | EXCELLENT | EXCELLENT

Source: National Climate Change Committee website – http://www.nccc.gov.sg

All Mitsubishi Electric Starmex Inverter Air Conditioners have attained **"Excellent"** energy efficiency rating under the Singapore Mandatory Energy Labelling Scheme.

MITSUBISHI ELECTRIC

Your Life, Our Technology – The Comfort Connection.

As everyone knows, nothing compares to the comfort that nature has to provide. However, thanks to its many technical refinements, Mitsubishi Electric's air conditioners bring you closer to this ideal. Improved EER (Energy Efficiency Ratio) levels significantly reduce energy consumption while extremely quiet operation and the use of the Eco-friendly R410A refrigerant allow our series to create a naturally serene environment in every room of the house.



Technology and quality make the difference.

To create a better product that is friendly to both you and the environment, Mitsubishi Electric now utilises a new type of refrigerant called R410A. With an ozone depletion potential factor of zero, exceptionally non-toxicity, and chemically stable noninflammability, this refrigerant exemplifies the quality that our air conditioners have to offer.

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MITSUBISHI ELECTRIC
Changes for the Better

Mitsubishi Electric starMEX Air-Conditioner

Non-Inverter Multi Split	Type			
	Model	Refrigerant	Connectable Indoor Units	Page
MUX-3BD23VB  up to **3** indoor units	Fixed Speed	R410A	 MS-B10VB	27

Non-Inverter Single Split	Type			
	Model	Refrigerant	Connectable Indoor Units	Page
MU-AD10/13VB 	Fixed Speed	R410A	MS-AD10/13VB	25
MU-AD18VA 	Fixed Speed	R410A	 MS-AD18VA	25
MU-AD24/30VB 	Fixed Speed	R410A	 MS-AD24/30VB	25

Non-Inverter Single Split	Type			
	Model	Refrigerant	Connectable Indoor Units	Page
MU-E10VC 	Fixed Speed	R22	 MS-E10VC	26
MU-E13VC 	Fixed Speed	R22	 MS-E13VC	26
MU-E18VC 	Fixed Speed	R22	 MS-E18VC	26
MU-E24VC 	Fixed Speed	R22	 MS-E24VC	26
MU-D30VC 	Fixed Speed	R22	 MS-D30VC	26
MU-D36VC 	Fixed Speed	R22	MS-D36VC	26

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EASY CLEAN

Safety system stops the machine when the horizontal vane is removed.

THE WIDE AIR OUTLET MAKES CLEANING EASY, ALWAYS KEEPING THE AIR IN YOUR ROOM

CLEAN AND FRESH.



EASY CLEAN's unique cleaning system

Open the blower outlet for cleaning




Vertical vanes


Front panel


Fan

The entire front panel can be washed


Easy removal


Scrub clean

Thorough cleaning keeps your home healthier and more comfortable.

Eliminates odours
Always bringing you fresh air

Prevents mould
The mould guard (internal drier) always keeps the inside unit clean

Longer lasting high performance
Consistent performance from time of purchase

Economical energy costs
Cleaning the fan (25%), the heat exchanger (5%) and the filter (15%) increases energy savings by a total of up to 45%!

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Mitsubishi Electric's Main Technology

Cleaning-Free, Pipe Reuse Technology

It is a fact that the world's ozone layer is being depleted.

Many scientists believe that refrigerants that contain hydrochlorofluorocarbons such as HCFC-R22 with chlorine are a contributing factor to this problem. R410A – a chlorine-free, non-inflammable, environmentally friendly and energy efficient refrigerant offers a new alternative. In addition to the properties just mentioned, R410A is as easy to handle as the environmentally unfriendly R22 because of its pseudoazeotropic characteristics. R410A is also highly efficient and provides the same level of performance as R22.



	Composition	Ozone depletion potential factor*	Toxicity	Stability
NEW REFRIGERANT **R410A**	Non-uniform boiling point composite refrigerant **(HFC:R32/R125=50:50WT%)**	**0**	**NON**	**GOOD**
CURRENT REFRIGERANT **R22**	Single component refrigerant **(HCFC:R22=100WT%)**	**0.05**	**NON**	**GOOD**

* Relative value when CFC is considered as 1

Mitsubishi Electric's Cleaning-Free Technology

Our R410A Inverter-driven models are the first in the industry to use hard alkyl benzene (HAB) oil — a unique refrigerant oil that degrades very slowly — for refrigeration. Employing our exclusive cleaning-free technologies such as a specially developed high-efficiency oil separator and optimum distribution of heat exchangers to prevent oil stagnation, we have made it possible to reuse previously installed R22 pipeworks.



ORIGINAL HAB Oil	ORDINARY ESTER Oil
• No special cleaning required • Re-use existing pipes • Cleaning / Purging process • Special tools (Oil trap kit) • Higher working pressure	• Formation of Sludge • Clogging • Premature breakdown of equipment • Strip and replace existing R22 pipes

1st in the Industry!

Mitsubishi Electric's original HAB oil — Ordinary ester oil



Refrigerant circuit lasts longer with less deterioration using the new HAB refrigerant oil.*

*Data taken from our lab: Test results equivalent to 10 years worth of use

QUESTION: *In general, why is the reuse of existing R22 pipeworknot allowed for models with R410A HFC refrigerant?*

ANSWER: *This is because existing R22 pipework contains moisture and chloride residue that, when mixed with compressor's ester oil, can result in a chemical reaction. Additionally, refrigerant oil sludge and corrosion within the compressor can clog up the refrigerant circuit.*

MITSUBISHI ELECTRIC'S SOLUTION:

FLUSH, VACUUM & INSTALL!

Mitsubishi Electric's exclusive cleaning-free, Pipe-reuse technology allows you to reuse existing R22 refrigeration piping even when installing a new R410A model.

Not every feature detailed on these two pages is available on every product in this brochure. Please refer to individual product information pages for precise specifications.

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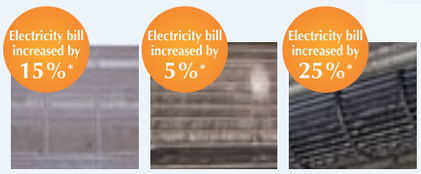
Mitsubishi Electric's Main Technology

Easy, Clean & Comfortable

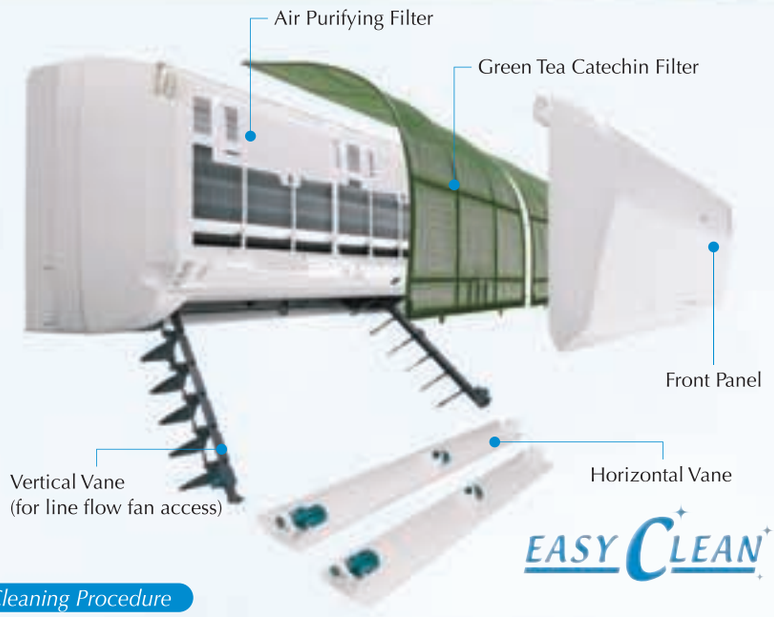
Easy Clean Design

The easily detachable panel is a snap to wash and the airflow vents can be opened without any special tools for quick cleaning of the inside of the air conditioner. It is recommended that the air conditioner be cleaned regularly as this will increase both operating efficiency and energy-savings. Always clean the heat exchanger, fan and air vent to ensure proper performance and economical operation. It reduces your electricity bill by approx. 45%*.

*Electricity bill comparison of operation under fixed temperature with 8 grams of soil on the fan and one without. Based on internal company data.



Filter | Heat exchanger | Fan



Easy Cleaning Procedure



1 *First, turn off the power. Make sure the fan is not operating before this removal procedure. Unlock every green stopper of the upper horizontal vane and pull it towards the left to remove. Do the same thing to remove the lower horizontal vane. Safety system stops the blower when the horizontal vane is removed.* 2 *You can reach deep into the air-conditioner, in order to clean fans and other parts that are normally hard-to-reach.* 3 *Hold the central green handle and pull towards body to open.*

Electrosatatic Anti-Allergy Enzyme Filter

The filter is charged with static electricity, enable it to trap allergens such as molds and bacteria and decompose them using enzymes retained in the filter.

Anti-Allergy Enzyme Filter

To counter allergens, we have added filters featuring artificial blue enzymes with the power to remove harmful microbes such as bacteria*1, virus*2, dust mites*3, pollen*3, etc.

The enzymes destroy any germs caught in the filter, preventing them from working their way further inside the air conditioner. However, being artificial enzymes, they prevent allergies while remaining gentle on the human body.

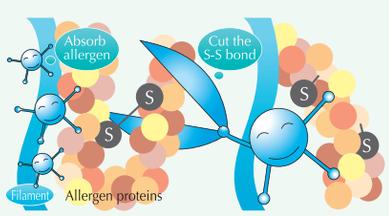
(Confirmed by *1 Japan Spinners Inspecting Foundation test No. 007715-1,2 *2 Japan Food Research Laboratories Ref. No.20491448-002 *3 Shinshu University)



ANTI-ALLERGY ENZYME FILTER

Anti-Allergy Enzyme filter mechanism

1. Artificial enzyme (meta-phthalocyanine) catalysts on the filament catch allergens.
2. The artificial enzyme catalysts aid the chemical reaction with oxygen and sever the S-S bonds.
3. Once the S-S bonds are severed, the proteins no longer act as allergens.

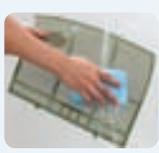


Allergen protein (such as mites) → *Transformed protein (Non-allergen proteins)*

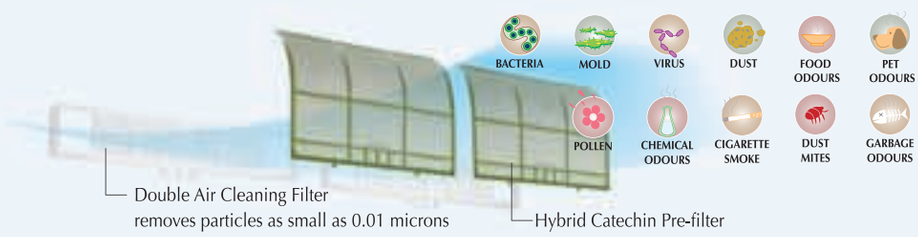
Catechin Plus Air Purifying System

The Catechin offers many benefits through its deodorizing, anti-bacterial and anti-virus properties. These benefits can be experienced fully with our long-lasting Hybrid Catechin Pre-filter. At the same time, dust collection efficiency is doubled with our Double Air Cleaning Filter.

The filter can be easily removed and when washed regularly, deodorizing effectiveness should last for more than 10 years.



Catechin Plus Air Purifying Systems



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Nano Platinum Filter

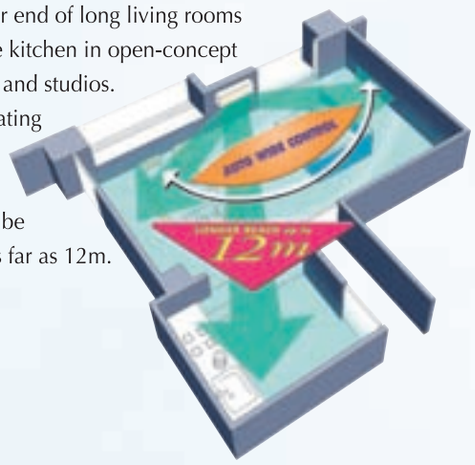
The filter has a large capture area and incorporates nanometre-sized platinum-ceramic particles that work to kill bacteria and deodourise the circulating air. Better dust collection than conventional filters is also ensured.

Fuzzy Logic "I Feel"

Is the room too hot or cold, too dry or humid? On auto mode selection, the fuzzy logic control system adjusts conditions to suit you. Your selected temperature setting is stored in the memory system and reproduced automatically each time you operate your air conditioning.

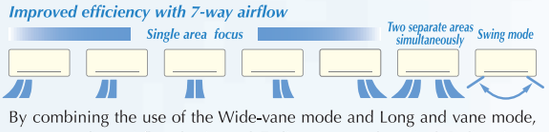
Wide & Long Airflow

Bringing extra comfort to your life, left-right vane can be automatically controlled by remote controller. Simply use of Wide-vane mode, you can easily adjust direction of airflow to reach any corner of the room. The high-power motor combines with a newly designed "Long mode" to push air out further, providing an extended airflow that can reach the far end of long living rooms or reach the kitchen in open-concept living areas and studios. When operating in Long mode, the airflow can be extended as far as 12m.



WiDE & LONG

Improved efficiency with 7-way airflow



By combining the use of the Wide-vane mode and Long and vane mode, you can adjust airflow horizontal 7 directions and vertical 6 directions. Exclusive to Mitsubishi Electric, this advantage ensures maximum control over air direction and flow up to 42 ways, which guarantee that the air conditioning effect isn't wasted, where it isn't needed.

Powerful Cool

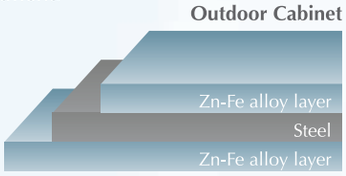
The automatic, one-touch Powerful Cool system ensures faster cooling. It produces 10% more airflow than the "high fan" speed, cooling the room in less than 15 minutes, then automatically returning to the regular setting.

Auto Mode

We offer you an easy way to comfort with auto mode. "Auto vane" is created to set the vane angle automatically. "Auto fan" is created to adjust airflow speed automatically. These could let ideal temperature to be achieved in the shortest amount of time.

Anti-Rust Treatment

Every cabinet of the outdoor unit has been applied with a special anti-rust treatment.

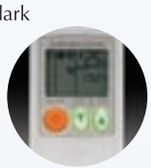


LCD Remote Control

From temperature and operation modes to air volume and direction, you'll be able to customise your environment at the touch of a button. Large, easy-to-identify buttons allow for easy access to frequently used functions. The generous LCD display lets you check temperature and other operating conditions at a glance, while an easy-open slide cover prevents inadvertent operation of preset controls and other functions.

Luminous Buttons

The remote controller features luminous buttons that make use easy even in the dark environment.





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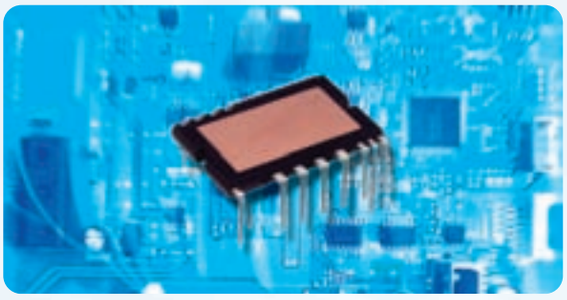
Mitsubishi Electric's Main Technology

Inverter & Energy Saving Technology

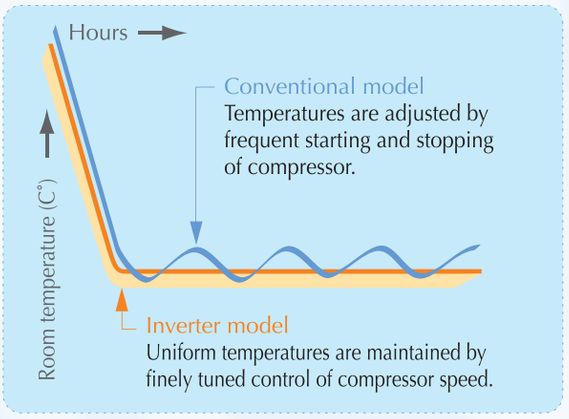
Inverter Control Technology

By controlling current frequency according to the desired temperature setting and outside air-conditions, energy-efficient performance is assured. Frequency is lowered when less power is required to substantially reduce electricity consumption for more economical operation. Providing you with more economy and comfort throughout the year, inverter control presents an ideal situation as it reduces compressor rotation speed when air-conditioning load is low so it's like using a small compressor with a large heat-exchanger.



Optimum comfort year-round

To ensure that a room is never too cold or too hot, inverter technology allows the air conditioner to detect subtle fluctuations in room temperature and adjust automatically. Unlike conventional air conditioning units that must start or stop repetitively, inverter units offer finely tuned operation – such as the accurate control of compressor rotation – for a more comforting airflow and far less temperature variations.



NEW DC Inverter

DC Inverter DC Inverter

A high-efficiency DC motor drives the fan of the outdoor unit. It offers up to 60% greater efficiency than an equivalent AC motor.



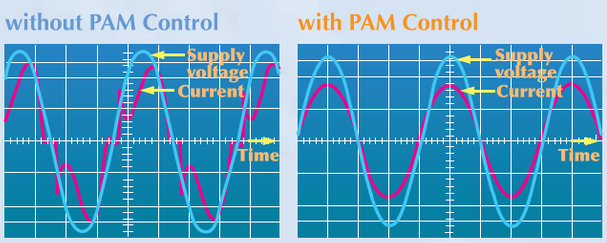
Joint Wrap DC Motor

Mitsubishi Electric's newly developed, unique Joint Wrap Motor is environmentally friendly, using less copper wiring than conventional motors through the employment of joint wrap production techniques. This concentrated winding DC Motor (linked core type) features our original high density, concentrated winding technique for a reliable, highly efficient motor.



PAM Control PAM (Pulse Amplitude Modulation)

Electricity can be used efficiently with less loss, the current wave resembles the supply voltage wave. PAM is a method for controlling the form of the current wave so that it conforms to the supply voltage wave. With PAM control, 98% of input power supply is effectively used.



PAM adjusts the form of current wave so that it is close to that of the supply voltage wave. High harmonics are reduced and 98% of the electricity is utilized.

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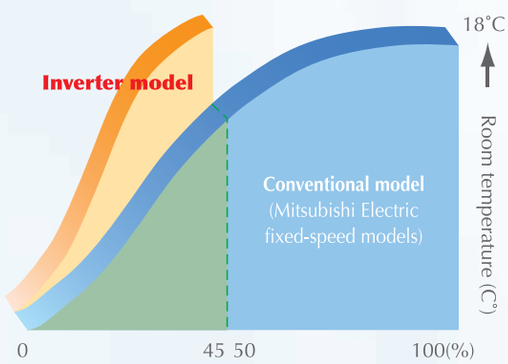
High-speed cooling

Our advanced Inverter technology enables efficient high-speed cooling by precisely and flexibly controlling the rotation of the compressor according to your cooling needs. For example, during summer months, the compressor speed is automatically set at a maximum level that is 30% faster than non-inverter models. So your room takes even less time to be cool.

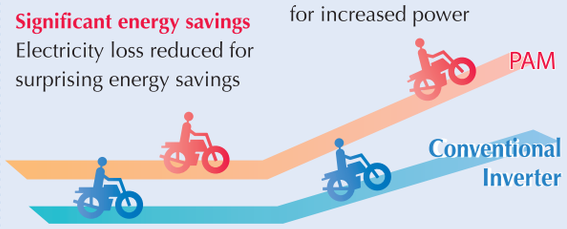


Compared to conventional models, desired temperatures are reached much more rapidly.

Using a Motorcycle as an Example

Power increased
Efficient increase of voltage for increased power

Significant energy savings
Electricity loss reduced for surprising energy savings



Energy savings is limited
Fuel is wasted

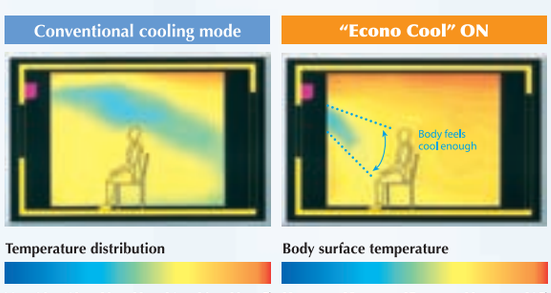
Power is limited
Power is insufficient for steep hills

**This diagram illustrates the merits of PAM Control.*

Not every feature detailed on these two pages is available on every product in this brochure.
Please refer to individual product information pages for precise specifications.

Econo Cool – smart save

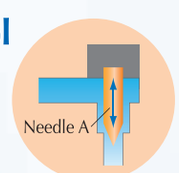
The Econo Cool one touch operation automatically adjusts the direction of airflow based on the temperature at the air outlet. The set temperature can therefore be 2 ºC above conventional temperature settings without loss of comfort and with a 20% increase in energy efficiency.
Ensures greater comfort even when the temperature setting is 2 ºC above conventional settings.



Ensures more comfort even when the set temperature is 2˚C higher than the conventional cooling mode.

	Conventional	Econo Cool
Ambient temperature	35˚C	35˚C
Set temperature	25˚C	27˚C
Perceived temperature	30˚C	**29.3˚C**

New LEV Control



LEV (Linear Expansion Valve) control automatically adjusts the volume of refrigerant flowing through the air conditioner according to air conditioning load. When the load is low, Needle A drops, restricting the flow path and decreasing the volume of refrigerant. In this simple yet effective concept, circulation of refrigerant is optimized to facilitate more economical operation.

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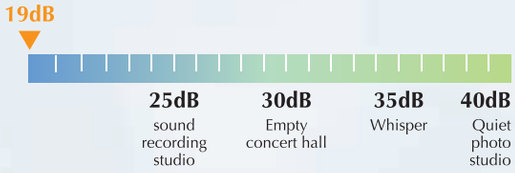
Mitsubishi Electric's Main Technology

Silent Operation Technology & Multi-System

Only 19 dB The Quietest Air Conditioner In The Market

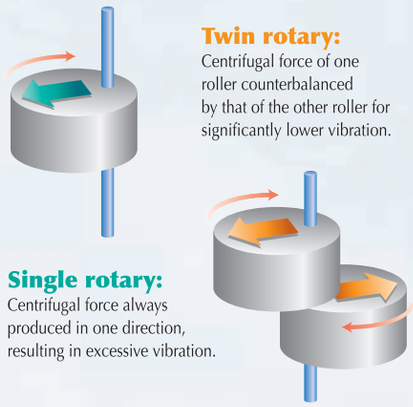
Noise level during silent mode operation is only **19dB** for the MSY-GE10VA, making it the quietest indoor unit in the market. Inside the unit, the multi-angled heat exchanger has a modified fin shape that reduces air resistance for a smoother, quieter airflow. The wide fan diameter produces greater airflow at lower fan speeds and the uneven pitch between each fan blade helps to eliminate annoying noise. What's more, the remote controlled vane significantly decreases downward air resistance for much lower noise levels.

Super Quiet Operation only 19db



Twin Rotary Compressor Ensures Peace And Quiet

Unlike conventional models with a single rotary, all Inverter Multi Split System MXY Series outdoor units feature a twin-rotary compressor that provides balanced rotation as the centrifugal force of one roller is counterbalanced by the other. This significantly reduces both vibration and noise. This is why Mitsubishi Electric's outdoor units are so peacefully quiet.



Twin rotary:
Centrifugal force of one roller counterbalanced by that of the other roller for significantly lower vibration.

Single rotary:
Centrifugal force always produced in one direction, resulting in excessive vibration.

Comparison of outdoor unit noise levels dB(A)

Outdoor unit	MXY-4A28VA	MUX-4BD26VB
Cooling	45	52

Multi-Split System The Convenient Way To Enhance Any Interior

Mitsubishi Electric Multi-split system could be the best solution balancing use of available space, exotic interior and money. With the system's innovative design, several indoor units could be mixed and matched and connected to a single outdoor unit as a customized system. It's your choice to add indoor units at any time more economically while facilitating installation.



Mitsubishi Electric starMEX Air-Conditioner

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Inverter Single Split System

Mitsubishi Electric starMEX Air-Conditioner

Our Inverter Technology adjusts capacity in response to conditions such as the difference between the outside and inside air temperatures, allowing our air conditioners to run more efficiently and reduce energy costs.



MSY Series

Indoor Unit





Luminous Buttons

Dimensions (W X D X H) : 798 X 232 X 295 mm

MSY-GE10VA
Cooling capacity: 2.5kW*

MSY-GE13VA
Cooling capacity: 3.5kW*

MSY-GE15VA
Cooling capacity: 4.2kW*

MSY-GE18VA
Cooling capacity: 4.8kW*





(MSY-GE24VA)

Dimensions (W X D X H) : 1100 X 238 X 325 mm

MSY-GE24VA
Cooling capacity: 6.6kW*

Outdoor Unit



MUY-GE10/13/15VA
Dimensions (W X D X H) :
800 X 285 X 550 mm



MUY-GE18VA
Dimensions (W X D X H) :
840 X 330 X 850 mm



MUY-GE24VA
Dimensions (W X D X H) :
840 X 330 X 880 mm

EASY CLEAN · ANTI-ALLERGY ENZYME FILTER · Catechin Air Purifying Systems · Cleaning-free, pipe reuse

DC Inverter · PAM Control · Only 19dB (MSY-GE10/13VA) · Quiet · Anti-Allergy Enzyme (MSY-GE10/13/15/18VA) · Electrostatic Anti-allergy · Catechin (MSY-GE10/13/15/18VA) · Nano Platinum · EASYCLEAN · Econo Cool · Fuzzy I FEEL · 24 Weekly Timer

Auto Restart · (MSY-GE24VA) · Self Diagnosis · i SMART (MSY-GE10/13/15/18VA) · i SAVE (MSY-GE24VA) · NEW LEV · COOL (MSY-GE24VA) · Wide (MSY-GE24VA) · Long (MSY-GE24VA) · AUTO

Inverter Single Split system MSY series

Model				EASY CLEAN, WIDE & LONG				
Indoor				MSY-GE10VA	MSY-GE13VA	MSY-GE15VA	MSY-GE18VA	MSY-GE24VA
Outdoor				MUY-GE10VA	MUY-GE13VA	MUY-GE15VA	MUY-GE18VA	MUY-GE24VA
Function & type				Cooling, Wall-mounted				
Capacity (Min-Max)			kW	2.50 (1.1-3.5)	3.50 (1.4-3.9)	4.20 (0.9-4.8)	4.80 (1.4-5.4)	6.60 (2.4-8.7)
Total power input			kW	0.64	1.02	1.25	1.43	1.83
Starting current			A	3.30	4.70	5.70	6.40	8.20
Running current			A	3.30	4.70	5.70	6.40	8.20
Airflow (High)			CMM(m³/min)	11.4	12.8	14.2	15.1	20.7#
Dimension		Indoor	mm	798 X 232 X 295				1100 X 238 X 325
(W x D x H)		Outdoor	mm	800 X 285 X 550			840 X 330 X 850	840 X 330 X 880
Net weight		Indoor	kg	10	10	10	10	16
		Outdoor	kg	30	30	36	54	53
*Noise level (Silent - High)		Indoor	dB(A)	19-40	19-45	26-48	28-49	30-53#
Connection method		Indoor/Outdoor		Flared				
Dehumidification			l/h	0.30	0.80	1.20	1.60	1.80
External Piping	Diameter	Gas (ø)	mm	9.52	9.52	9.52	12.70	15.88
		Liquid (ø)	mm	6.35	6.35	6.35	6.35	9.52
	Max. length		m	20	20	20	30	30
	Max. height		m	12	12	12	15	15
Power supply			V, Phase, Hz	230, 1, 50				
Energy labelling scheme				Excellent	Excellent	Excellent	Excellent	Excellent

*Note: Noise level is measured in anechoic chambers.
#Super high + long + powerful mode

Conversion formula: Btu/h=kW x 3412

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Inverter Multi Split System

Mitsubishi Electric starMEX Air-Conditioner

Our Inverter Technology adjusts capacity in response to conditions such as the difference between the outside and inside air temperatures, allowing our air conditioners to run more efficiently and reduce energy costs. With capacity ranging from 2.5 kW to 7.1 kW, you can mix and match units to build a customized air conditioning system that is just right for your home. We are the Good Choice for comfortable living.



MXY Series

Indoor Unit



Dimensions (W X D X H) : 798 X 232 X 295 mm

Luminous Buttons

MSY-GE10VA
Cooling capacity: 2.5kW*

MSY-GE13VA
Cooling capacity: 3.5kW*

MSY-GE18VA
Cooling capacity: 5.0kW*

EASY CLEAN · ANTI-ALLERGY ENZYME FILTER · Catechin plus Air Purifying Systems · R410A · Cleaning-free, pipe reuse

DC Inverter · PAM Control · Only 19dB · Anti-Allergy Enzyme · Catechin · EASYCLEAN · Econo Cool · Fuzzy FEEL · Auto Restart · 24 · Self Diagnosis · i SMART · Quiet · AUTO · NEW LEV



(MSY-GE24/26VA)

Dimensions (W X D X H) : 1,100 X 238 X 325 mm

MSY-GE24VA
Cooling capacity: 6.0kW*

MSY-GE26VA
Cooling capacity: 7.1kW*

EASY CLEAN · WiDE & LONG · ANTI-ALLERGY ENZYME FILTER · R410A · Cleaning-free, pipe reuse

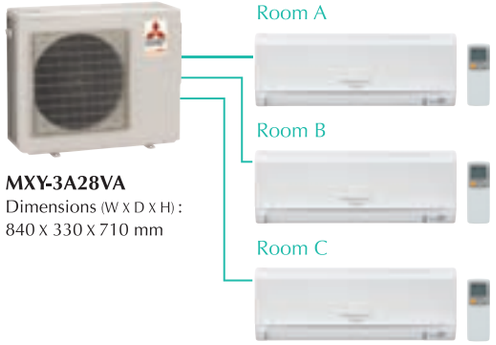
DC Inverter · PAM Control · Quiet · Electrostatic Anti-allergy · Nano Platinum · Wide · Long · Econo Cool · Fuzzy FEEL · AUTO · 24 · Weekly Timer · Auto Restart · Self Diagnosis · EASYCLEAN · COOL · i SAVE · NEW LEV

Outdoor Unit

System 3

3 Rooms **MXY-3A28VA** Outdoor unit 1:3 Indoor units
Total capacity of all indoor units must not exceed 14.6kW.

Certain unit combinations are not compatible. Please refer to the configuration pattern charts on the page 15-18 for more details.

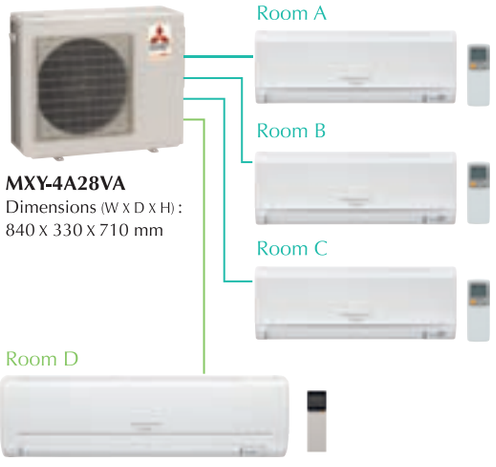


MXY-3A28VA
Dimensions (W X D X H) :
840 X 330 X 710 mm

System 4

4 Rooms **MXY-4A28VA** Outdoor unit 1:4 Indoor units
Total capacity of all indoor units must not exceed 15.6kW.

Certain unit combinations are not compatible. Please refer to the configuration pattern charts on the page 15-18 for more details.



MXY-4A28VA
Dimensions (W X D X H) :
840 X 330 X 710 mm

Conversion formula: Btu/h=kW x 3412 *With single unit operation

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Indoor Unit



Dimensions (W X D X H) : 798 X 232 X 295 mm

Luminous Buttons

MSY-GE10VA
Cooling capacity: 2.5kW*

MSY-GE13VA
Cooling capacity: 3.5kW*

MSY-GE18VA
Cooling capacity: 5.0kW*

EASY CLEAN · ANTI-ALLERGY ENZYME FILTER · Catechin plus Air Purifying Systems · R410A · Cleaning-free, pipe reuse

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(MSY-GE24/26VA)

Dimensions (W X D X H) : 1,100 X 238 X 325 mm

MSY-GE24VA
Cooling capacity: 6.0kW*

MSY-GE26VA
Cooling capacity: 7.1kW*

EASY CLEAN · WiDE & LONG · ANTI-ALLERGY ENZYME FILTER · R410A · Cleaning-free, pipe reuse

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Dimensions (W X D X H) : 798 X 232 X 295 mm

Luminous Buttons

MSY-GE10VA
Cooling capacity: 2.5kW*

MSY-GE13VA
Cooling capacity: 3.5kW*

EASY CLEAN · ANTI-ALLERGY ENZYME FILTER · Catechin plus Air Purifying Systems · R410A · Cleaning-free, pipe reuse

DC Inverter · PAM Control · Only 19dB · Anti-Allergy Enzyme · Catechin · EASYCLEAN · Econo Cool · Fuzzy i FEEL · 24 · Auto Restart · Self Diagnosis · i SMART · Quiet · AUTO · NEW LEV

Outdoor Unit

System 4

4 Rooms **MXY-4A38VA** Outdoor unit 1:4 Indoor units
Total capacity of all indoor units must not exceed 16.5kW.

Certain unit combinations are not compatible. Please refer to the configuration pattern charts on the page 15-18 for more details.





MXY-4A38VA
Dimensions (W X D X H) :
900 X 320 X 900 mm
(+35)

System 2

2 Rooms **MXY-2E20VA** Outdoor unit 1:2 Indoor units
Total capacity of all indoor units must not exceed 7.0kW.

Certain unit combinations are not compatible. Please refer to the configuration pattern charts on the page 15-18 for more details.





MXY-2E20VA
Dimensions (W X D X H) :
800 X 285 X 550 mm

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CAPACITY

Mitsubishi Electric starMEX Air-Conditioner

Inverter Multi Split system MXY series

Model				EASY CLEAN, WIDE & LONG			
Outdoor				MXY-3A28VA	MXY-4A28VA	MXY-4A38VA	MXY-2E20VA
Indoor				MSY-GE10VA / MSY-GE13VA / MSY-GE18VA / MSY-GE24VA / MSY-GE26VA			MSY-GE10VA / MSY-GE13VA
No. of connectable indoor units (System)				3	4	4	2
Function & type				Cooling, Wall-mounted			
Capacity			kW	Please refer to the chart on pages 15-18			
Power input			kW				
Max Running current (Indoor only)			A	MSY-GE10VA : 0.22 / MSY-GE13VA : 0.29 / MSY-GE18VA : 0.39 / MSY-GE24/26VA : 0.55			
Airflow (High)			CMM(m³/min)	MSY-GE10VA :11.4 / MSY-GE13VA : 12.8 / MSY-GE18VA : 15.1 / MSY-GE24/26VA : 20.7#			
Dimension (W x D x H)		Indoor	mm	MSY-GE10/13/18VA : 798 X 232 X 295 / MSY-GE24/26VA : 1,100 X 238 X 325			798 X 232 X 295
		Outdoor	mm	840 X 330 X 710		900 X 320(+35) X 900	800 X 285 X 550
Net weight		Indoor	kg	MSY-GE10/13/18VA :10 / MSY-GE24/26VA : 16			MSY-GE10/13VA : 10
		Outdoor	kg	57	58	67	40
*Noise level (Silent - High)		Indoor	dB(A)	MSY-GE10VA : (19-40) / MSY-GE13VA : (19-45) / MSY-GE18VA : (28-49) MSY-GE24/26VA : (30-53#)			MSY-GE10VA : (19-40) MSY-GE13VA : (19-45)
Connection method		Indoor/Outdoor		Flared			
External piping	Diameter	Gas (ø)	mm	MSY-GE10/13VA : 9.52 / MSY-GE18VA : 12.70 / MSY-GE24/26VA : 15.88			MSY-GE10/13VA : 9.52
		Liquid (ø)	mm	MSY-GE10/13/18VA : 6.35 / MSY-GE24/26VA : 9.52			MSY-GE10/13VA : 6.35
	Max. length	Total - Each	m	60 - 25	60 - 25	70 - 25	30 - 20
	Max. height		m	15			
Power supply			V, Phase, Hz	230, 1, 50			
Energy labelling scheme				Excellent	Excellent	Excellent	Excellent

Note: Noise level is measured in anechoic chambers.
#Super high + long + powerful mode

Specifications

Type		Name	Rated Capacity (kW)	Max Running Current (A)	Fan speed	Airflow (High) (m³/min)	Sound level (dB(A))	Dimensions (WxDxH)	Net weight (Kg)	Pipe size (mm)	Remote controller	External static pressure
Ceiling cassette	PLA-RP	PLA-RP35BA	3.5	0.22	4 steps	15.0	27-31	840 x 840 x 258	28	6.35 / 12.70	Wireless(S) / Wired(O)	-
		PLA-RP50BA	5.0	0.36	4 steps	18.0	28-32	840 x 840 x 258	28	6.35 / 12.70	Wireless(S) / Wired(O)	-
		PLA-RP60BA	6.0	0.36	4 steps	18.0	28-32	840 x 840 x 258	29	9.52 / 15.88	Wireless(S) / Wired(O)	-
		PLA-RP71BA	7.1	0.51	4 steps	21.0	28-34	840 x 840 x 258	29	9.52 / 15.88	Wireless(S) / Wired(O)	-
Ceiling Cassette	MLZ	MLZ-KA35VA	3.5	0.30	3 steps	9.4	31-37	1102 x 360 x 175	18.5	6.35 / 9.52	Wireless(S)	-
		MLZ-KA50VA	5.0	0.30	3 steps	11.4	34-43	1102 x 360 x 175	18.5	6.35 / 12.70	Wireless(S)	-
Compact ceiling concealed	SEZ-KD	SEZ-KD35VAL	3.5	0.46	4 steps	11.0	23-33	990 x 700 x 200	21	6.35 / 9.52	Wireless(S) / Wired(O)	5/15/35/50
		SEZ-KD50VAL	5.0	0.63	4 steps	15.0	30-37	990 x 700 x 200	23	6.35 / 12.70	Wireless(S) / Wired(O)	5/15/35/50
		SEZ-KD60VAL	6.0	0.63	4 steps	18.0	30-38	1190 x 700 x 200	27	6.35 / 15.88	Wireless(S) / Wired(O)	5/15/35/50
		SEZ-KD71VAL	7.1	0.84	4 steps	20.0	30-40	1190 x 700 x 200	27	9.52 / 15.88	Wireless(S) / Wired(O)	5/15/35/50
Ceiling concealed	PEAD-RP	PEAD-RP50JA(L)	5.0	1.39	3 steps	17.0	26-35	900 x 732 x 250	28	6.35 /12.70	Wireless(S) / Wired(O)	35/50/70/100/150
		PEAD-RP60JA(L)	6.0	1.62	3 steps	21.0	25-33	1100 x 732 x 250	33	9.52 / 15.88	Wireless(S) / Wired(O)	35/50/70/100/150
		PEAD-RP71JA(L)	7.1	1.97	3 steps	25.0	26-35	1100 x 732 x 250	33	9.52 15.88	Wireless(S) / Wired(O)	35/50/70/100/150
Wall mounted	MSXY-FD	MSXY-FD10VA	2.5	0.25	4 steps	11.7	20-42	795 X 257 X 295	12	6.35 / 9.52	Wireless(S)	-
		MSXY-FD13VA	3.5	0.27	4 steps	12.1	20-43	795 X 257 X 295	12	6.35 /9.52	Wireless(S)	-
		MSXY-FD18VA	5.0	0.53	4 steps	14.8	29-46	795 X 257 X 295	12	6.35 /12.70	Wireless(S)	-
Wall mounted	MSY-EF	MSY-EF10VA	2.5	0.14	5 steps	8.3	21-42	895 x 195 x 299	11.5	6.35 / 9.52	Wireless(S)	-
		MSY-EF13VA	3.5	0.14	5 steps	8.3	21-42	895 x 195 x 299	11.5	6.35 / 9.52	Wireless(S)	-
		MSY-EF18VA	5.0	0.18	5 steps	9.3	30-43	895 x 195 x 299	11.5	6.35 / 12.70	Wireless(S)	-

PEAD-RP60JA(L) and PEAD-RP71JA(L) can be connected to MXY-4A38VA only.
Total Indoor Running current must not exceed 3Amps when connecting to PEAD series.
MXY-2E20VA can be connected to wall mount series only of up to cooling capacity of 3.5kW.

Legend: (S)-Standard, (O)-Optional

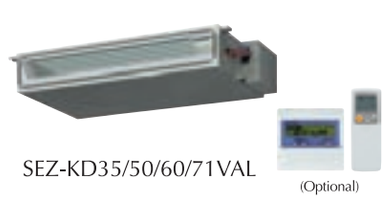


PLA-RP35/50/60/71BA

(Optional)

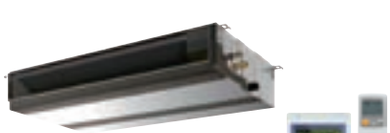


MLZ-KA35/50/VA



SEZ-KD35/50/60/71VAL

(Optional)



PEAD-RP50/60/71JA(L)

(Optional)



MSXY-FD10/13/18VA



MSY-EF10/13/18VA

(White/Silver/Black)

CAPACITY

Mitsubishi Electric starMEX Air-Conditioner

Inverter Multi Split System MXY Series (For private dwellings & HDB flats without current limitation)

Outdoor unit	Indoor unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
	(A + B + C + D)		A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-3A28VA	1 Room	10	2.50	–	–	–	2.50	1.40	3.50	0.59	0.45	0.85	2.59	1.98	3.73
		13	3.50	–	–	–	3.50	1.50	4.30	0.81	0.45	1.00	3.56	1.98	4.39
		18	5.00	–	–	–	5.00	1.60	5.90	1.23	0.48	1.64	5.40	2.11	7.20
		24	6.00	–	–	–	6.00	1.60	6.60	1.72	0.54	1.95	7.55	2.37	8.56
		26	7.10	–	–	–	7.10	1.70	7.50	2.55	0.54	2.80	11.20	2.37	12.30
	2 Rooms	10+10	2.50	2.50	–	–	5.00	2.00	6.50	1.28	0.60	1.89	5.62	2.64	8.30
		10+13	2.50	3.50	–	–	6.00	2.00	6.80	1.74	0.60	2.06	7.64	2.64	9.05
		10+18	2.50	4.70	–	–	7.20	2.00	7.60	2.62	0.63	2.83	11.51	2.77	12.43
		10+24	2.20	5.00	–	–	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		10+26	2.10	5.10	–	–	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		13+13	3.50	3.50	–	–	7.00	2.00	7.40	2.36	0.60	2.59	10.36	2.64	11.37
		13+18	3.20	4.00	–	–	7.20	2.00	7.60	2.62	0.63	2.83	11.51	2.77	12.43
		13+24	3.00	4.20	–	–	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		13+26	2.90	4.30	–	–	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		18+18	3.60	3.60	–	–	7.20	2.00	7.50	2.62	0.66	2.84	11.51	2.90	12.47
		18+24	3.41	4.09	–	–	7.50	2.00	8.00	2.57	0.68	2.90	11.29	2.99	12.74
		18+26	3.10	4.40	–	–	7.50	2.00	8.00	2.57	0.68	2.90	11.29	2.99	12.74
		24+24	3.75	3.75	–	–	7.50	2.00	8.40	2.43	0.70	3.00	10.67	3.07	13.18
		24+26	3.44	4.06	–	–	7.50	2.00	8.40	2.43	0.70	3.00	10.67	3.07	13.18
	3 Rooms	10+10+10	2.50	2.50	2.50	–	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		10+10+13	2.21	2.21	3.08	–	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		10+10+18	1.88	1.88	3.74	–	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	12.65
		10+10+24	1.70	1.70	4.10	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+10+26	1.55	1.55	4.40	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+13+13	1.98	2.76	2.76	–	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		10+13+18	1.70	2.39	3.41	–	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	12.65
		10+13+24	1.56	2.19	3.75	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+13+26	1.44	2.00	4.06	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+18+18	1.50	3.00	3.00	–	7.50	2.90	8.90	2.08	0.82	2.88	9.13	3.60	12.65
		10+18+24	1.39	2.78	3.33	–	7.50	2.90	8.90	2.04	0.83	2.88	8.96	3.65	12.65
		10+18+26	1.28	2.57	3.65	–	7.50	2.90	8.90	2.04	0.83	2.88	8.96	3.65	12.65
		13+13+13	2.50	2.50	2.50	–	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		13+13+18	2.19	2.19	3.12	–	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	12.65
		13+13+24	2.02	2.02	3.46	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		13+13+26	1.86	1.86	3.78	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		13+18+18	1.94	2.78	2.78	–	7.50	2.90	8.90	2.08	0.82	2.88	9.13	3.60	12.65
		13+18+24	1.82	2.58	3.10	–	7.50	2.90	8.90	2.04	0.82	2.88	8.96	3.60	12.65
MXY-4A28VA	1 Room	10	2.50	–	–	–	2.50	1.40	3.50	0.59	0.45	0.85	2.59	1.98	3.73
		13	3.50	–	–	–	3.50	1.50	4.30	0.81	0.45	1.00	3.56	1.98	4.39
		18	5.00	–	–	–	5.00	1.60	5.90	1.23	0.48	1.64	5.40	2.11	7.20
		24	6.00	–	–	–	6.00	1.60	6.60	1.72	0.54	1.95	7.55	2.37	8.56
		26	7.10	–	–	–	7.10	1.70	7.50	2.55	0.54	2.80	11.20	2.37	12.30
	2 Rooms	10+10	2.50	2.50	–	–	5.00	2.00	6.50	1.28	0.60	1.89	5.62	2.64	8.30
		10+13	2.50	3.50	–	–	6.00	2.00	6.80	1.74	0.60	2.06	7.64	2.64	9.05
		10+18	2.50	4.70	–	–	7.20	2.00	7.60	2.62	0.63	2.83	11.51	2.77	12.43
		10+24	2.20	5.00	–	–	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		10+26	2.10	5.10	–	–	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		13+13	3.50	3.50	–	–	7.00	2.00	7.40	2.36	0.60	2.59	10.36	2.64	11.37
		13+18	3.20	4.00	–	–	7.20	2.00	7.60	2.62	0.63	2.83	11.51	2.77	12.43
		13+24	3.00	4.20	–	–	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		13+26	2.90	4.30	–	–	7.20	2.00	8.20	2.62	0.64	3.22	11.51	2.81	14.14
		18+18	3.60	3.60	–	–	7.20	2.00	7.50	2.62	0.66	2.84	11.51	2.90	12.47
		18+24	3.41	4.09	–	–	7.50	2.00	8.00	2.57	0.68	2.90	11.29	2.99	12.74
		18+26	3.10	4.40	–	–	7.50	2.00	8.00	2.57	0.68	2.90	11.29	2.99	12.74
		24+24	3.75	3.75	–	–	7.50	2.00	8.40	2.43	0.70	3.00	10.67	3.07	13.18
		24+26	3.44	4.06	–	–	7.50	2.00	8.40	2.43	0.70	3.00	10.67	3.07	13.18
	3 Rooms	10+10+10	2.50	2.50	2.50	–	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		10+10+13	2.21	2.21	3.08	–	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		10+10+18	1.88	1.88	3.74	–	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	12.65
		10+10+24	1.70	1.70	4.10	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+10+26	1.55	1.55	4.40	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+13+13	1.98	2.76	2.76	–	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		10+13+18	1.70	2.39	3.41	–	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	12.65
		10+13+24	1.56	2.19	3.75	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+13+26	1.44	2.00	4.06	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		10+18+18	1.50	3.00	3.00	–	7.50	2.90	8.90	2.08	0.82	2.88	9.13	3.60	12.65
		10+18+24	1.39	2.78	3.33	–	7.50	2.90	8.90	2.04	0.83	2.88	8.96	3.65	12.65
		10+18+26	1.28	2.57	3.65	–	7.50	2.90	8.90	2.04	0.83	2.88	8.96	3.65	12.65
		13+13+13	2.50	2.50	2.50	–	7.50	2.90	8.90	2.18	0.76	2.88	9.57	3.34	12.65
		13+13+18	2.19	2.19	3.12	–	7.50	2.90	8.90	2.10	0.79	2.88	9.22	3.47	12.65
		13+13+24	2.02	2.02	3.46	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		13+13+26	1.86	1.86	3.78	–	7.50	2.90	8.90	2.08	0.80	2.88	9.13	3.51	12.65
		13+18+18	1.94	2.78	2.78	–	7.50	2.90	8.90	2.08	0.82	2.88	9.13	3.60	12.65
		13+18+24	1.82	2.58	3.10	–	7.50	2.90	8.90	2.04	0.82	2.88	8.96	3.60	12.65
	4 Rooms	10+10+10+10	1.875	1.875	1.875	1.875	7.50	3.70	8.90	2.16	0.92	2.85	9.49	4.04	12.52
		10+10+10+13	1.70	1.70	1.70	2.40	7.50	3.70	8.90	2.16	0.92	2.85	9.49	4.04	12.52
		10+10+10+18	1.50	1.50	1.50	3.00	7.50	3.70	8.90	2.08	0.95	2.85	9.13	4.17	12.52
		10+10+10+24	1.39	1.39	1.39	3.33	7.50	3.70	8.90	2.06	0.96	2.85	9.05	4.22	12.52
		10+10+10+26	1.28	1.28	1.28	3.66	7.50	3.70	8.90	2.06	0.96	2.85	9.05	4.22	12.52
		10+10+13+13	1.56	1.56	2.19	2.19	7.50	3.70	8.90	2.16	0.92	2.85	9.49	4.04	12.52
		10+10+13+18	1.39	1.39	1.94	2.78	7.50	3.70	8.90	2.08	0.95	2.85	9.13	4.17	12.52
		10+10+13+24	1.29	1.29	1.81	3.11	7.50	3.70	8.90	2.06	0.95	2.85	9.05	4.17	12.52
		10+10+13+26	1.20	1.20	1.68	3.42	7.50	3.70	8.90	2.06	0.95	2.85	9.05	4.17	12.52
		10+13+13+13	1.44	2.02	2.02	2.02	7.50	3.70	8.90	2.16	0.92	2.85	9.49	4.04	12.52
		10+13+13+18	1.29	1.81	1.81	2.59	7.50	3.70	8.90	2.08	0.95	2.85	9.13	4.17	12.52
		13+13+13+13	1.875	1.875	1.875	1.875	7.50	3.70	8.90	2.16	0.95	2.85	9.49	4.17	12.52

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Mitsubishi Electric starMEX Air-Conditioner

Inverter Multi Split System MXY Series (For private dwellings & HDB flats without current limitation)

Outdoor unit	Indoor unit combination	(A + B + C + D)	Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
			A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-4A38VA	1 Room	10	2.50	–	–	–	2.50	1.40	3.50	0.59	0.43	0.81	2.59	1.89	3.56
		13	3.50	–	–	–	3.50	1.40	4.30	0.81	0.43	1.00	3.56	1.89	4.39
		18	5.00	–	–	–	5.00	1.50	6.10	1.23	0.47	1.64	5.40	2.06	7.20
		24	6.00	–	–	–	6.00	1.60	6.70	1.72	0.47	1.93	7.55	2.06	8.48
		26	7.10	–	–	–	7.10	1.60	8.50	2.55	0.47	3.48	11.20	2.06	15.28
	2 Rooms	10+10	2.50	2.50	–	–	5.00	2.00	6.50	1.18	0.64	1.89	5.18	2.81	8.30
		10+13	2.50	3.50	–	–	6.00	2.00	7.30	1.61	0.64	2.35	7.07	2.81	10.32
		10+18	2.50	5.00	–	–	7.50	2.00	8.50	2.46	0.64	3.28	10.80	2.81	14.40
		10+24	2.50	6.00	–	–	8.50	2.00	8.70	3.32	0.65	3.48	14.58	2.85	15.28
		10+26	2.27	6.43	–	–	8.70	2.00	8.80	3.38	0.65	3.48	14.84	2.85	15.28
		13+13	3.50	3.50	–	–	7.00	2.00	8.80	2.22	0.64	3.33	9.75	2.81	14.62
		13+18	3.50	5.00	–	–	8.50	2.00	8.90	3.32	0.64	3.48	14.58	2.81	15.28
		13+24	3.21	5.49	–	–	8.70	2.00	9.10	3.27	0.65	3.48	14.36	2.85	15.28
		13+26	2.87	5.83	–	–	8.70	2.00	9.10	3.20	0.65	3.48	14.05	2.85	15.28
		18+18	4.35	4.35	–	–	8.70	2.10	9.10	3.20	0.69	3.48	14.05	3.03	15.28
		18+24	4.00	4.80	–	–	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
		18+26	3.64	5.16	–	–	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
		24+24	4.40	4.40	–	–	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
		24+26	4.03	4.77	–	–	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
		26+26	4.40	4.40	–	–	8.80	2.10	9.20	3.20	0.69	3.48	14.05	3.03	15.28
	3 Rooms	10+10+10	2.50	2.50	2.50	–	7.50	2.90	10.00	1.88	0.78	3.48	8.26	3.43	15.28
		10+10+13	2.50	2.50	3.50	–	8.50	2.90	10.00	2.33	0.78	3.48	10.23	3.43	15.28
		10+10+18	2.28	2.28	4.54	–	9.10	2.90	10.60	2.52	0.81	3.48	11.07	3.56	15.28
		10+10+24	2.07	2.07	4.96	–	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
		10+10+26	1.88	1.88	5.34	–	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
		10+13+13	2.36	3.32	3.32	–	9.00	2.90	10.60	2.54	0.78	3.48	11.16	3.43	15.28
		10+13+18	2.07	2.90	4.13	–	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
		10+13+24	1.90	2.65	4.55	–	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
		10+13+26	1.76	2.46	4.98	–	9.20	2.90	10.70	2.59	0.81	3.48	11.37	3.56	15.28
		10+18+18	1.84	3.68	3.68	–	9.20	2.90	10.70	2.58	0.81	3.48	11.33	3.56	15.28
		10+18+24	1.70	3.42	4.08	–	9.20	2.90	10.70	2.58	0.81	3.48	11.33	3.56	15.28
		10+18+26	1.58	3.15	4.47	–	9.20	2.90	10.70	2.56	0.81	3.48	11.24	3.56	15.28
		10+24+24	1.58	3.81	3.81	–	9.20	2.90	10.70	2.55	0.81	3.48	11.20	3.56	15.28
		13+13+13	3.00	3.00	3.00	–	9.00	2.90	10.60	2.52	0.81	3.48	11.07	3.56	15.28
		13+13+18	2.65	2.65	3.80	–	9.10	2.90	10.60	2.51	0.81	3.48	11.02	3.56	15.28
		13+13+24	2.48	2.48	4.24	–	9.20	2.90	10.70	2.59	0.81	3.48	11.37	3.56	15.28
		13+13+26	2.28	2.28	4.64	–	9.20	2.90	10.70	2.59	0.81	3.48	11.37	3.56	15.28
		13+18+18	2.38	3.41	3.41	–	9.20	2.90	10.70	2.58	0.81	3.48	11.33	3.56	15.28
		13+18+24	2.22	3.17	3.81	–	9.20	2.90	10.70	2.56	0.81	3.48	11.24	3.56	15.28
		13+24+24	2.08	3.56	3.56	–	9.20	2.90	10.80	2.55	0.81	3.48	11.20	3.56	15.28
		18+18+18	3.06	3.06	3.06	–	9.18	2.90	10.80	2.53	0.83	3.48	11.11	3.65	15.28
	4 Rooms	10+10+10+10	2.30	2.30	2.30	2.30	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		10+10+10+13	2.09	2.09	2.09	2.93	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		10+10+10+18	1.84	1.84	1.84	3.68	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15
		10+10+10+24	1.70	1.70	1.70	4.10	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		10+10+10+26	1.58	1.58	1.58	4.46	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		10+10+13+13	1.92	1.92	2.68	2.68	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		10+10+13+18	1.70	1.70	2.39	3.41	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15
		10+10+13+24	1.59	1.59	2.22	3.80	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		10+10+13+26	1.47	1.47	2.07	4.19	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		10+10+18+18	1.53	1.53	3.07	3.07	9.20	3.70	11.20	2.41	0.95	3.41	10.58	4.17	14.98
		10+13+13+13	1.76	2.48	2.48	2.48	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		10+13+13+18	1.59	2.22	2.22	3.17	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15
		10+13+13+24	1.48	2.08	2.08	3.56	9.20	3.70	11.20	2.44	0.93	3.44	10.72	4.08	15.11
		13+13+13+13	2.30	2.30	2.30	2.30	9.20	3.70	11.20	2.48	0.93	3.48	10.89	4.08	15.28
		13+13+13+18	2.08	2.08	2.08	2.96	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15
		13+13+13+24	1.95	1.95	1.95	3.35	9.20	3.70	11.20	2.45	0.93	3.45	10.76	4.08	15.15
MXY-2E20VA	1 Room	10	2.50	–	–	–	2.50	0.90	2.60	0.70	0.15	0.71	3.38	0.72	3.43
		13	3.50	–	–	–	3.50	0.90	3.65	0.98	0.15	0.99	4.73	0.72	4.78
	2 Rooms	10+10	2.40	2.40	–	–	4.80	1.10	6.30	1.44	0.30	2.44	6.45	1.34	10.94
		10+13	2.10	2.80	–	–	4.90	1.10	6.40	1.44	0.30	2.44	6.45	1.34	10.94
		13+13	2.50	2.50	–	–	5.00	1.10	6.55	1.44	0.31	2.44	6.45	1.39	10.94

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Inverter Multi Split System MXY Series (For HDB flats with limited current)

Outdoor unit	Indoor unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
	(A + B + C + D)		A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-3A28VA (8.5A)	1 Room	10	2.50	–	–	–	2.50	1.40	3.50	0.59	0.45	0.85	2.59	1.98	3.73
		13	3.50	–	–	–	3.50	1.50	4.30	0.81	0.45	1.00	3.56	1.98	4.39
		18	5.00	–	–	–	5.00	1.60	5.90	1.23	0.48	1.64	5.40	2.11	7.20
		24	6.00	–	–	–	6.00	1.60	6.60	1.72	0.54	1.95	7.55	2.37	8.56
		26	6.70	–	–	–	6.70	1.70	6.70	1.93	0.54	1.93	8.48	2.37	8.48
	2 Rooms	10+10	2.50	2.50	–	–	5.00	2.00	6.50	1.28	0.60	1.89	5.62	2.64	8.30
		10+13	2.50	3.50	–	–	6.00	2.00	6.60	1.74	0.60	1.93	7.64	2.64	8.48
		10+18	2.25	4.45	–	–	6.70	2.00	6.70	1.91	0.63	1.91	8.39	2.77	8.39
		10+24	1.99	4.71	–	–	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		10+26	1.77	4.93	–	–	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		13+13	3.35	3.35	–	–	6.70	2.00	6.70	1.93	0.60	1.93	8.48	2.64	8.48
		13+18	2.77	3.93	–	–	6.70	2.00	6.70	1.91	0.63	1.91	8.39	2.77	8.39
		13+24	2.48	4.22	–	–	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		13+26	2.23	4.47	–	–	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		18+18	3.35	3.35	–	–	6.70	2.00	6.70	1.91	0.66	1.91	8.39	2.90	8.39
		18+24	3.05	3.65	–	–	6.70	2.00	6.70	1.91	0.68	1.91	8.39	2.99	8.39
		18+26	2.80	3.90	–	–	6.70	2.00	6.70	1.91	0.68	1.91	8.39	2.99	8.39
		24+24	3.35	3.35	–	–	6.70	2.00	6.70	1.91	0.70	1.91	8.39	3.07	8.39
		24+26	3.07	3.63	–	–	6.70	2.00	6.70	1.91	0.70	1.91	8.39	3.07	8.39
	3 Rooms	10+10+10	2.40	2.40	2.40	–	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		10+10+13	2.11	2.11	2.98	–	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		10+10+18	1.78	1.78	3.64	–	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34
		10+10+24	1.60	1.60	4.00	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+10+26	1.45	1.45	4.30	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+13+13	1.88	2.66	2.66	–	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		10+13+18	1.60	2.29	3.31	–	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34
		10+13+24	1.46	2.09	3.65	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+13+26	1.34	1.90	3.96	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+18+18	1.40	2.90	2.90	–	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34
		10+18+24	1.29	2.68	3.23	–	7.20	2.90	7.20	1.90	0.83	1.90	8.34	3.65	8.34
		10+18+26	1.18	2.47	3.55	–	7.20	2.90	7.20	1.90	0.83	1.90	8.34	3.65	8.34
		13+13+13	2.40	2.40	2.40	–	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		13+13+18	2.09	2.09	3.02	–	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34
		13+13+24	1.92	1.92	3.36	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		13+13+26	1.76	1.76	3.68	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		13+18+18	1.84	2.68	2.68	–	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34
		13+18+24	1.72	2.48	3.00	–	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34
MXY-4A28VA (8.5A)	1 Room	10	2.50	–	–	–	2.50	1.40	3.50	0.59	0.45	0.85	2.59	1.98	3.73
		13	3.50	–	–	–	3.50	1.50	4.30	0.81	0.45	1.00	3.56	1.98	4.39
		18	5.00	–	–	–	5.00	1.60	5.90	1.23	0.48	1.64	5.40	2.11	7.20
		24	6.00	–	–	–	6.00	1.60	6.60	1.72	0.54	1.95	7.55	2.37	8.56
		26	6.70	–	–	–	6.70	1.70	6.70	1.93	0.54	1.93	8.48	2.37	8.48
	2 Rooms	10+10	2.50	2.50	–	–	5.00	2.00	6.50	1.28	0.60	1.89	5.62	2.64	8.30
		10+13	2.50	3.50	–	–	6.00	2.00	6.60	1.74	0.60	1.93	7.64	2.64	8.48
		10+18	2.25	4.45	–	–	6.70	2.00	6.70	1.91	0.63	1.91	8.39	2.77	8.39
		10+24	1.99	4.71	–	–	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		10+26	1.77	4.93	–	–	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		13+13	3.35	3.35	–	–	6.70	2.00	6.70	1.93	0.60	1.93	8.48	2.64	8.48
		13+18	2.77	3.93	–	–	6.70	2.00	6.70	1.91	0.63	1.91	8.39	2.77	8.39
		13+24	2.48	4.22	–	–	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		13+26	2.23	4.47	–	–	6.70	2.00	6.70	1.91	0.64	1.91	8.39	2.81	8.39
		18+18	3.35	3.35	–	–	6.70	2.00	6.70	1.91	0.66	1.91	8.39	2.90	8.39
		18+24	3.05	3.65	–	–	6.70	2.00	6.70	1.91	0.68	1.91	8.39	2.99	8.39
		18+26	2.80	3.90	–	–	6.70	2.00	6.70	1.91	0.68	1.91	8.39	2.99	8.39
		24+24	3.35	3.35	–	–	6.70	2.00	6.70	1.91	0.70	1.91	8.39	3.07	8.39
		24+26	3.07	3.63	–	–	6.70	2.00	6.70	1.91	0.70	1.91	8.39	3.07	8.39
	3 Rooms	10+10+10	2.40	2.40	2.40	–	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		10+10+13	2.11	2.11	2.98	–	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		10+10+18	1.78	1.78	3.64	–	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34
		10+10+24	1.60	1.60	4.00	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+10+26	1.45	1.45	4.30	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+13+13	1.88	2.66	2.66	–	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		10+13+18	1.60	2.29	3.31	–	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34
		10+13+24	1.46	2.09	3.65	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+13+26	1.34	1.90	3.96	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		10+18+18	1.40	2.90	2.90	–	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34
		10+18+24	1.29	2.68	3.23	–	7.20	2.90	7.20	1.90	0.83	1.90	8.34	3.65	8.34
		10+18+26	1.18	2.47	3.55	–	7.20	2.90	7.20	1.90	0.83	1.90	8.34	3.65	8.34
		13+13+13	2.40	2.40	2.40	–	7.20	2.90	7.20	1.90	0.76	1.90	8.34	3.34	8.34
		13+13+18	2.09	2.09	3.02	–	7.20	2.90	7.20	1.90	0.79	1.90	8.34	3.47	8.34
		13+13+24	1.92	1.92	3.36	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		13+13+26	1.76	1.76	3.68	–	7.20	2.90	7.20	1.90	0.80	1.90	8.34	3.51	8.34
		13+18+18	1.84	2.68	2.68	–	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34
		13+18+24	1.72	2.48	3.00	–	7.20	2.90	7.20	1.90	0.82	1.90	8.34	3.60	8.34
	4 Rooms	10+10+10+10	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.92	1.89	8.30	4.04	8.30
		10+10+10+13	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.92	1.89	8.30	4.04	8.30
		10+10+10+18	1.50	1.50	1.50	2.70	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30
		10+10+10+24	1.39	1.39	1.39	3.03	7.20	3.70	7.20	1.89	0.96	1.89	8.30	4.22	8.30
		10+10+10+26	1.28	1.28	1.28	3.36	7.20	3.70	7.20	1.89	0.96	1.89	8.30	4.22	8.30
		10+10+13+13	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.92	1.89	8.30	4.04	8.30
		10+10+13+18	1.50	1.50	1.50	2.70	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30
		10+10+13+24	1.39	1.39	1.39	3.03	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30
		10+10+13+26	1.28	1.28	1.28	3.36	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30
		10+13+13+13	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.92	1.89	8.30	4.04	8.30
		10+13+13+18	1.50	1.50	1.50	2.70	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30
		13+13+13+13	1.80	1.80	1.80	1.80	7.20	3.70	7.20	1.89	0.95	1.89	8.30	4.17	8.30

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Mitsubishi Electric starMEX Air-Conditioner

Inverter Multi Split System MXY Series (For HDB flats with limited current)

Outdoor unit	Indoor unit combination		Capacity of each indoor unit (kW)				Total capacity (kW)			Total power input (kW)			Total running current (A)		
	(A + B + C + D)		A	B	C	D	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.	Nominal Rating	Min.	Max.
MXY-4A38VA (8.5A)	1 Room	10	2.50	–	–	–	2.50	1.40	3.50	0.59	0.43	0.81	2.59	1.89	3.56
		13	3.50	–	–	–	3.50	1.40	4.30	0.81	0.43	1.00	3.56	1.89	4.39
		18	5.00	–	–	–	5.00	1.50	6.10	1.23	0.47	1.64	5.40	2.06	7.20
		24	6.00	–	–	–	6.00	1.60	6.70	1.72	0.47	1.93	7.55	2.06	8.48
		26	6.70	–	–	–	6.70	1.60	6.70	1.93	0.47	1.93	8.48	2.06	8.48
	2 Rooms	10+10	2.50	2.50	–	–	5.00	2.00	6.50	1.18	0.64	1.89	5.18	2.81	8.30
		10+13	2.50	3.50	–	–	6.00	2.00	6.60	1.61	0.64	1.89	7.07	2.81	8.30
		10+18	2.20	4.40	–	–	6.60	2.00	6.60	1.93	0.64	1.93	8.48	2.81	8.48
		10+24	1.94	4.66	–	–	6.60	2.00	6.60	1.93	0.65	1.93	8.48	2.85	8.48
		10+26	1.72	4.88	–	–	6.60	2.00	6.60	1.93	0.65	1.93	8.48	2.85	8.48
		13+13	3.25	3.25	–	–	6.50	2.00	6.50	1.93	0.64	1.93	8.48	2.81	8.48
		13+18	2.72	3.88	–	–	6.60	2.00	6.60	1.93	0.64	1.93	8.48	2.81	8.48
		13+24	2.43	4.17	–	–	6.60	2.00	6.60	1.93	0.65	1.93	8.48	2.85	8.48
		13+26	2.18	4.42	–	–	6.60	2.00	6.60	1.93	0.65	1.93	8.48	2.85	8.48
		18+18	3.35	3.35	–	–	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
		18+24	3.05	3.65	–	–	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
		18+26	2.80	3.90	–	–	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
		24+24	3.35	3.35	–	–	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
		24+26	3.07	3.63	–	–	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
		26+26	3.35	3.35	–	–	6.70	2.10	6.70	1.93	0.69	1.93	8.48	3.03	8.48
	3 Rooms	10+10+10	2.50	2.50	2.50	–	7.50	2.90	7.60	1.88	0.78	1.93	8.26	3.43	8.48
		10+10+13	2.24	2.24	3.12	–	7.60	2.90	7.60	1.93	0.78	1.93	8.48	3.43	8.48
		10+10+18	1.95	1.95	3.90	–	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
		10+10+24	1.77	1.77	4.26	–	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		10+10+26	1.61	1.61	4.58	–	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		10+13+13	2.00	2.80	2.80	–	7.60	2.90	7.60	1.93	0.78	1.93	8.48	3.43	8.48
		10+13+18	1.77	2.48	3.55	–	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
		10+13+24	1.63	2.27	3.90	–	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		10+13+26	1.49	2.08	4.23	–	7.80	2.90	7.80	1.93	0.81	1.92	8.48	3.56	8.43
		10+18+18	1.56	3.12	3.12	–	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
		10+18+24	1.44	2.89	3.47	–	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		10+18+26	1.34	2.67	3.79	–	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		10+24+24	1.34	3.23	3.23	–	7.80	2.90	7.80	1.91	0.81	1.91	8.39	3.56	8.39
		13+13+13	2.53	2.53	2.53	–	7.59	2.90	7.59	1.93	0.81	1.93	8.48	3.56	8.48
		13+13+18	2.28	2.28	3.24	–	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
		13+13+24	2.10	2.10	3.60	–	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		13+13+26	1.94	1.94	3.92	–	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		13+18+18	2.02	2.89	2.89	–	7.80	2.90	7.80	1.93	0.81	1.93	8.48	3.56	8.48
		13+18+24	1.88	2.69	3.23	–	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		13+24+24	1.76	3.02	3.02	–	7.80	2.90	7.80	1.92	0.81	1.92	8.43	3.56	8.43
		18+18+18	2.60	2.60	2.60	–	7.80	2.90	7.80	1.91	0.83	1.91	8.39	3.65	8.39
	4 Rooms	10+10+10+10	2.00	2.00	2.00	2.00	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+10+13	1.82	1.82	1.82	2.54	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+10+18	1.60	1.60	1.60	3.20	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+10+24	1.48	1.48	1.48	3.56	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+10+26	1.37	1.37	1.37	3.89	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+13+13	1.67	1.67	2.33	2.33	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+13+18	1.48	1.48	2.08	2.96	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+13+24	1.38	1.38	1.93	3.31	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+13+26	1.28	1.28	1.80	3.64	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+10+18+18	1.33	1.33	2.67	2.67	8.00	3.70	8.00	1.93	0.95	1.93	8.48	4.17	8.48
		10+13+13+13	1.55	2.15	2.15	2.15	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+13+13+18	1.38	1.93	1.93	2.76	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		10+13+13+24	1.29	1.81	1.81	3.09	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		13+13+13+13	2.00	2.00	2.00	2.00	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		13+13+13+18	1.81	1.81	1.81	2.57	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
		13+13+13+24	1.70	1.70	1.70	2.90	8.00	3.70	8.00	1.93	0.93	1.93	8.48	4.08	8.48
MXY-2E20VA (8.5A)	1 Room	10	2.50	–	–	–	2.50	0.90	2.60	0.70	0.15	0.71	3.38	0.72	3.43
		13	3.50	–	–	–	3.50	0.90	3.65	0.98	0.15	0.99	4.73	0.72	4.78
	2 Rooms	10+10	2.40	2.40	–	–	4.80	1.10	5.80	1.44	0.30	1.90	6.45	1.34	8.43
		10+13	2.10	2.80	–	–	4.90	1.10	5.90	1.44	0.30	1.90	6.45	1.34	8.43
		13+13	2.50	2.50	–	–	5.00	1.10	6.00	1.44	0.31	1.90	6.45	1.39	8.43

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MSY-EF Series

Developed to complement modern interior room décor, StarMEX ZEN air conditioners are available in three colours specially chosen to blend in naturally wherever installed.





MSY-EF10/13/18VAW White



MSY-EF10/13/18VAS Silver



MSY-EF10/13/18VAB Black

Stylish Line-up Matches Any Room Décor

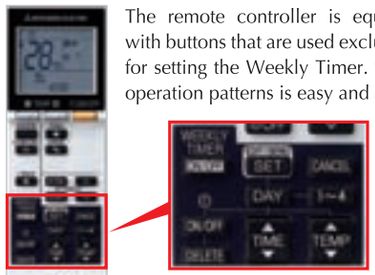
The streamlined wall-mounted indoor units have eloquent silver-bevelled edges, expressing sophistication and quality. Combining impressively low power consumption and quiet yet powerful performance, these units provide a best-match scenario for diverse interior designs while simultaneously ensuring maximum room and energy savings.

Weekly Timer Function

Easily sets desired temperatures and operation start/stop times to match lifestyle patterns. Reduces wasted energy consumption by using the timer to prevent forgetting to turn off the unit and eliminate temperature setting adjustments.

Easy Set-up Using Dedicated Buttons

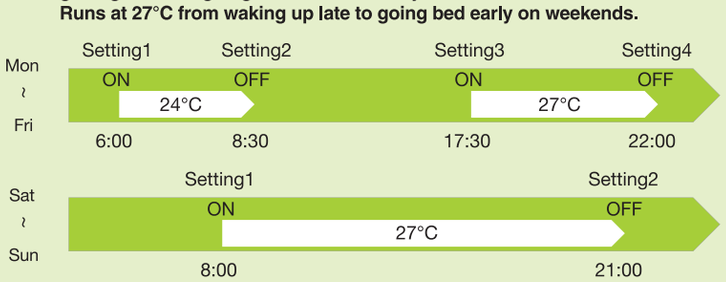
The remote controller is equipped with buttons that are used exclusively for setting the Weekly Timer. Setting operation patterns is easy and quick.



Settings

- A maximum of 4 ON or OFF timers can be set for individual days of the week
- A maximum of 28 ON or OFF timers can be set for a week.

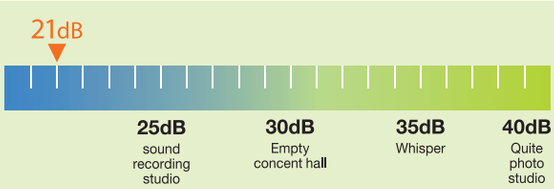
E.g. : Runs at 24°C from waking up to leaving home, and runs at 27°C from getting home to going to bed on weekdays.
Runs at 27°C from waking up late to going bed early on weekends.



Quiet Comfort All Day Long

Mitsubishi Electric's advanced "Quiet Mode" fan speed setting provides super-quiet operation as low as 21dB for EF10/13 models. This unique feature makes the StarMEX ZEN series ideal for use in any situation.

● Noise Level



Nano Platinum Filter

This filter incorporates nanometre-sized platinum-ceramic particles that generate stable antibacterial and deodourising effects. The size of the three-dimensional surface has been increased as well, enlarging the filter capture area. These features give the Nano Platinum Filter better dust collection performance than conventional filters. The superior air-cleaning effectiveness raises room comfort yet another level.

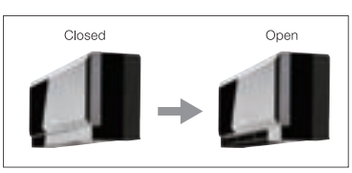


✻ It is okay to wash the filter with water (air-cleaning effect is maintained)

3D surface (Waved surface)

Superior Exterior and Operating Design Concept

The indoor unit of the StarMEX ZEN keeps its amazingly thin form even during operation. The only physical change noticeable is the movement of the variable vent. As a result, a slim attractive look is maintained.



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FD Series

The FD Series is designed for optimum cooling/heating performance as well as operational comfort. Quiet, energy-saving operation is supported by some of Mitsubishi Electric's latest technologies. Advanced functions such as i-see Sensor temperature control and the Plasma Duo air filtering and purification system raise room comfort levels to new heights.

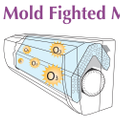


MSZ-FD25/35/50VA

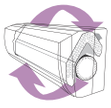
Mold Fighter

The MSXY-FD is equipped with a "Mold Fighter" function designed to suppress the growth of the spore of the mold. The ozone generated in the plasma electrode unit attacks the mold spores, reducing mold growth speed by about 20%.

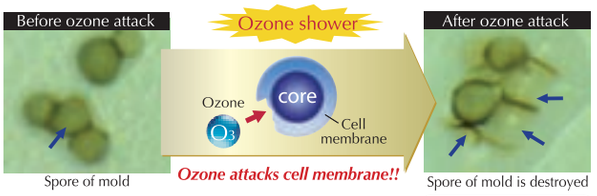
Mold Fighted Mechanism



Step 1
After cooling operation, Plasma Electrode unit fills the inside of indoor unit with ozone (O3).



Step 2
The heat exchanger is dried by about 40min. of the fan mode operation.



What is "Ozone"?

Ozone (O3) is very uncertain molecule. It is resolved gradually and naturally into oxygen (O2). During resolving, the "Nascent oxygen (O)" is produced. The nascent oxygen strongly oxidizes the organic matter or the inorganic matter, which product the effect for sterilization, deodorizing or etc.

O_2 + ⚡ → O_3 → O_2 + (O)

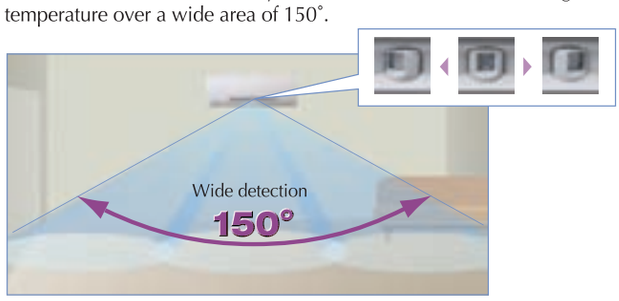
Oxygen · High voltage · Ozone · Oxygen · Nascent Oxygen

The consistency of ozone during ozone showering is under the safety level

- Inside of indoor unit 0.1ppm
  > Under the upper limit of acceptable range of ozone gas consistency at working environment (Safety limit advised by Japan society for occupational health)
- In the room 0.01ppm or less
  > Under the average consistency of ozone in the coast area and forest area.

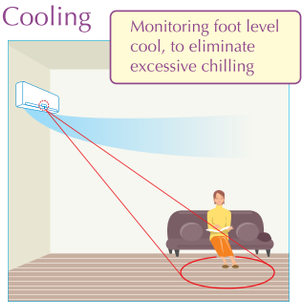
i-see Sensor MSXY-FD10/13/18VA

The "i see sensor" automatically moves from side to side, searching floor temperature over a wide area of 150˚.



Conventional air-conditioners control indoor temperature by using only the temperature of the intake air at the top of the room. As a result, the floor level temperature, which exerts such a keen impact on the temperature that people feel, tends to be overlooked. i-see Sensor detects the floor temperatures to ensure the comfort in the living areas.

At Cooling

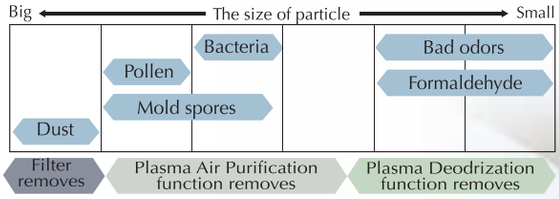


Cold air tends to sink to foot level, which is often the cause of over chilling. The i-see Sensor tracks this foot-level temperature to prevent over chilling.

Plasma Duo Filter Systems

Besides a pre-filter, the unit is also mounted with two plasma air-purifying functions. These functions are engineered to zap air dirt particles from micron to nano-size in scale.

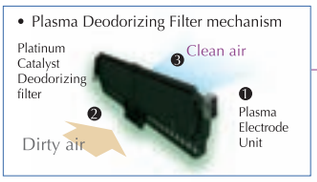
[Effective range]



Plasma Deodrization

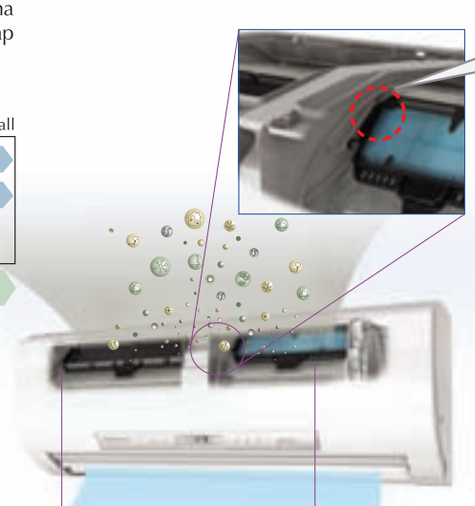
"Platinum catalyst deodorizing filter" is attached. Minimum holes as small as 1 nanometer on a surface of approximately 3,000m² capture small foul-smelling substances in the air, then v=break down the source of the odors with the power of the ozone generated in a plasma electrode unit and the platinum catalyst contained in the filter.

- Plasma Deodorizing Filter mechanism



Deodorizing speed approximately doubled (compared to FA)

❶ Plasma electrode unit produces ozone.
❷ Particles of odor-releasing substances are absorbed.
❸ Particles of odor-releasing substances are decomposed by ozone.



The Plasma Electrode unit is attached inside this hole.

Plasma Electrode Unit

A plasma electrode unit is mounted inside the product. Electro-discharge is used to generate ozone & plasma. the collaboration between ozone & plasma and two specal filters makes a dynamic plasma air cleaning function.

❶ Plasma electrode unit produces plasma.
❷ Small particles are charged to negative by plasma.
❸ Small particles charged to negative are collected to the positive side of the electret filter and neutralized by enzyme.

Plasma Air Purification

"Anti-allergen electric enzyme filter" is attached. The power of the static electricity charged in the filter and the plasma generated in the plasma electrode unit team up to capture the bacteria, pollen and other allergens in the air, which are then neutralized with enzyme in the filter.

- Plasma Air Purifying Filter mechanism



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PLA Series

New 4-way Ceiling Cassette Provided with Radiation Temperature Sensor, "i-see sensor," Presents Advanced and Upgraded Thermal Comfort.





Fully Evolved New 4-way Ceiling Cassette

Wide Airflow

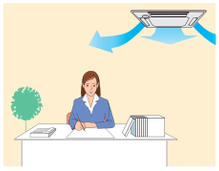
The new wide shape vane capable of wide angle air supply provides comfort even at the corners of a room regardless of cooling and heating operation. A reduction in the air speed by 20% compared to the conventional product eliminates uncomfortable draft sensation for friendly air conditioning.



Draft-less Air Distribution

The horizontal blow mode] newly employed supplies airflow horizontally not bringing cooled/warmed air directly to occupants thus preventing discomfort sensation due to excessive cooling or direct exposing of occupants to the air blow.

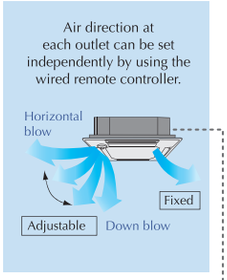
- Default
- The ceiling may be smudged at a spot where the supplied airflow is seriously disturbed.



Draft-less air distribution can be performed by horizontal blow.

Setting of Airflow Direction by Individual Vane

When the airflow direction at the outlet is desired to be changed for altering of your room layout or for switching over of cooling and heating operation at the applicable season, a troublesome work was required in the past. However, the new 4-way Ceiling Cassette can change the setting by using the wired remote controller.



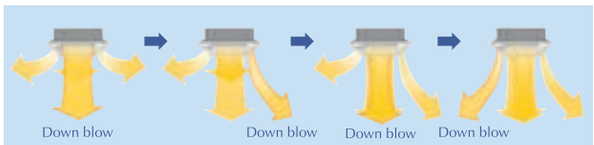


Remote Control setting

The New Swing Function Warms All Corners of the Room

The wave airflow system has 4 vanes where each vane runs independently. Repeating of horizontal and down blows with a time lag allows the conditioned warm air to be distributed even to room corners thus preventing uneven room temperature distribution.

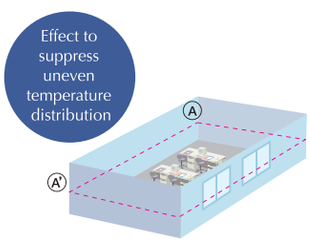
- Operation image of "Wave Airflow"

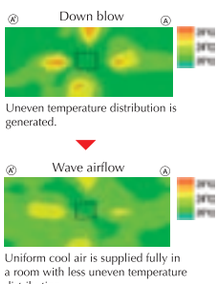


Repeating of horizontal blow and down blow with a time lag provides uniform heating fully in a room space.

] Vertical swinging mode is adapted in the case of cooling operation.

- Thermograph of wave control effect





- Comparison was made at a time for about 20 minutes after starting of the 4-way Ceiling Cassette PLA-RP71BA. The measuring point for comparison located on a plain surface of 1.2m above the floor.

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MLZ Series

Introducing a new ceiling cassette type in the Multi-Split Series, designed to streamline room interior dimensions and looks.



MLZ-KA35/50VA

Ceiling Mounted Style

Ceiling mounted installation helps streamline room interiors. The overhead format is also an excellent solution when lighting equipment is installed at the center of the room and fixtures like bookshelves mounted on wall surfaces.



Slim Body

This new unit is designed with a slim body only 175mm in height, ensuring easy installation even when low ceiling cavities limit installation space. Also eliminates the need for ceiling cavity service space, further reducing the dimensions required for installation.



Air Volume Settings by Ceiling Height

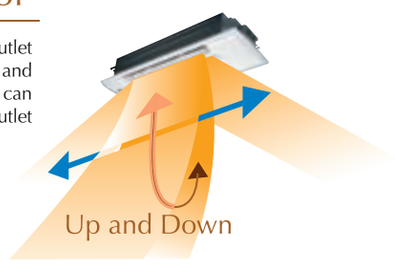
Dual-level air volume selection is engineered to accommodate specific ceiling heights. This feature offers the key to effective adjustments when airflow is either too strong or too weak because of the mismatching of the ceiling height.

	25	35	50
Standard	2.4m	2.4m	2.4m
High ceiling	2.7m	2.7m	2.7m

Auto Vane Control

With remote controller, the air outlet can be controled left and right, and up and down. The draft problem can be solved by this improvred air outlet control.

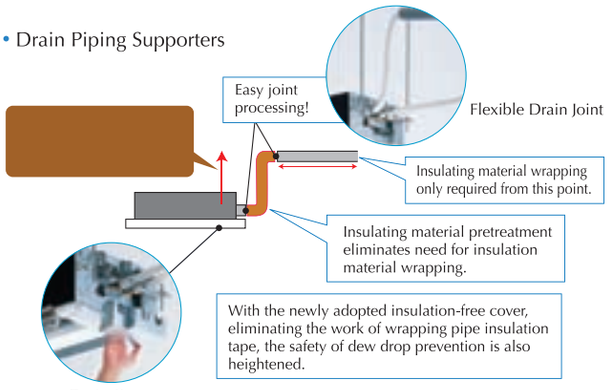
Left and Right



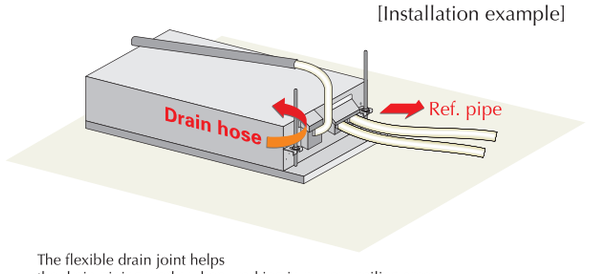
Easy Installation

Parts for greater speed and ease in the installation process are equipped. For example, a built-in drainpump (built for 500mm lift), provides flexible drain joint for easy drain hose attachment in the ceiling cavity area. Besides these, this model eliminates the need to wrap heat-insulation tape after connecting the pipes at the drain cover, a step that boosts peace of mind in preventing dew drops.

• Drain Piping Supporters



[Installation example]

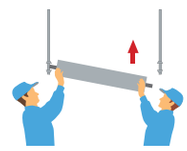


The flexible drain joint helps
the drain piping works when working in narrow ceiling areas.

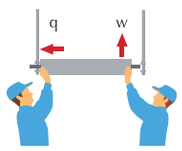
• Easy Mounting Plate

The well-designed mounting plate makes the suspension work easier.

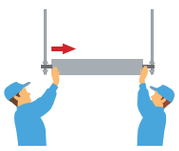




Secure one side into place



1. Push the unit over
2. Secure the other side into place



Position in the middle

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PEAD Series

The thin, ceiling-concealed indoor units of this series are the perfect answer for the air conditioning needs of buildings with minimum ceiling installation space and wide-ranging external static pressure. Energy-saving efficiency has been improved, reducing electricity consumption and contributing to a further reduction in operating cost.



PEAD-RP50/60/71

Compact Indoor Units

The height of the models from 35–140 has been unified to 250mm. Compared to the previous PEAD-RP EA model, the height has been reduced by as much as 75mm (models 100–140), making installation in low ceilings with minimal clearance space possible.



PEAD-RP JA (L)

Reduction of
75mm
(models 100–140)
compared to PEAD-EA

External Static Pressure

Five-stage external static pressure conversion is possible. Capable of being set to a maximum of 150Pa, units are applicable to a wide range of building types.

External static pressure setting

Series	35	50	60	71	100	125	140
PEAD-RP EA	30/70Pa			70/130 (with optional motor) Pa			
PEAD-RP GA	-	-	10/50/70Pa			-	-
PEAD-RP JA	35/50/70/100/150Pa						

External Static Pressure

The line-up consists of two types, models with or without a built-in drain pump.



PEAD-RP JA → Drain pump built-in



PEAD-RP JAL → No drain pump
*Units with an "L" included at the end of the model name are not equipped with a drain pump.

SEZ Series

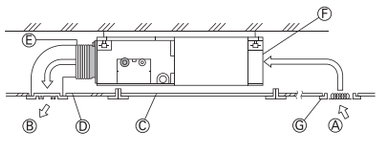
Compact type fits neatly into lowered ceiling, achieving stringent economy in all aspects of air conditioning



SEZ-KD35–71VAL

Compact Ceiling Concealed Style

With our "ceiling concealed model," the air-conditioner unit itself is enclosed in the ceiling cavity, leaving only the outlet and inlet grille mounted on the ceiling surface. This greatly helps the air conditioning system to keep the quality of your interior decor.
Unit size has also been made more compact than the previous model (SEZ-KA), slashing installation space and also facilitating concealed use in buildings where exposed format units have been the rule in the past.



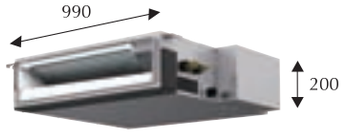
Ⓐ Air inlet
Ⓑ Air outlet
Ⓒ Access door
Ⓓ Ceiling surface
Ⓔ Canvas duct
Ⓕ Air filter
Ⓖ Inlet grille

[Dimension Comparison]



SEZ-KA35VAL

Width reduced by 110mm



SEZ-KD35VAL

Height reduced by 70mm

Remote Controller



Optional

Wider Selection of Fan Speed and Static Pressure Level

Three fan speeds (Low-Mid-HIgh) and four static pressure levels (5-15-35-50Pa) are available by using the DC fan motor to meet various applications needs.

	External Static Pressure (Pa)
SEZ-KA35-71VA	30/50Pa
SEZ-KD35-71VAL	5/15/35/50Pa

Four Levels Installation Possible for all Models

With expansion of the minimum level of external static pressure, it is now possible to achieve low room noise by selecting the optimum static pressure.

	SPL (Low fan mode)	
	SEZ-KA	SEZ-KD
External static pressure	30Pa	15Pa
35	30dB	23dB
50	31dB	30dB

Maximum noise reduced by 7dB

Drain Pump Equipping Possible (optional)

Our drain pump (PAC-KE07DM-E) has been added to the lineup as an optional part.
Equipping this pump makes it possible to install drain hoses up to 550mm in length.

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Non-Inverter Single
Split Type

Mitsubishi Electric starMEX Air-Conditioner

With energy-saving "Econo Cool" and Fuzzy Logic "I Feel", the Extra Powerful and Super Quiet MS series boasts a world-class suite of features. From bedroom to spacious living room, with our extended line-up we have the air conditioner that your home needs.



MU-AD Series

Indoor Unit



Dimensions (W X D X H) : 815 X 244 X 278 mm

Luminous Buttons

MS-AD10VB
Cooling capacity: 2.55kW

MS-AD13VB
Cooling capacity: 3.40kW

Quiet, Catechin, Air-Cleaning, EASYCLEAN, COOL, Econo Cool, Fuzzy I FEEL, AUTO, 24, Auto Restart, Self Diagnosis



Dimensions (W X D X H) : 1,100 X 258 X 325 mm

Luminous Buttons

MS-AD18VA
Cooling capacity: 5.1kW

MS-AD24VB
Cooling capacity: 6.55kW

MS-AD30VB
Cooling capacity: 7.65kW

Quiet, Catechin, Air-Cleaning, Wide, Long, Econo Cool, NEW LEV (MS-AD24/30VB), Fuzzy I FEEL, AUTO, 24, Auto Restart, Self Diagnosis

Outdoor Unit



MU-AD10/13VB
Dimensions (W X D X H) : 800 X 285 X 550 mm

EASY CLEAN, Catechin plus Air Purifying Systems, R410A, Cleaning-free, pipe reuse



MU-AD18VA
Dimensions (W X D X H) :
850 X 290 X 605 mm



MU-AD24/30VB
Dimensions (W X D X H) :
840 X 330 X 850 mm

WIDE & LONG, Catechin plus Air Purifying Systems, R410A, Cleaning-free, pipe reuse

Model			EASY CLEAN		WIDE & LONG		
Indoor			MS-AD10VB	MS-AD13VB	MS-AD18VA	MS-AD24VB	MS-AD30VB
Outdoor			MU-AD10VB	MU-AD13VB	MU-AD18VA	MU-AD24VB	MU-AD30VB
Function & type			Cooling, Wall-mounted				
Capacity		kW	2.55	3.4	5.1	6.55	7.65
Total power input		kW	0.82	1.10	1.72	2.26	3.04
Starting current		A	22	23	37	65	80
Running current		A	3.44	4.94	8.03	10.43	13.25
Airflow (High)		CMM(m³/min)	9.7	9.7	16	16	16
Dimension	Indoor	mm	815 X 244 X 278		1,100 X 258 X 325		
(W x D x H)	Outdoor	mm	800 X 285 X 550		850 X 290 X 605	840 X 330 X 850	
Net weight	Indoor	kg	10	10	16	16	16
	Outdoor	kg	28	34	45	73	75
*Noise level (Low - High)	Indoor	dB(A)	25-38	26-38	33-45	35-45	38-47
Connection method	Indoor/Outdoor		Flared				
Dehumidification		l/h	0.30	0.87	1.4	2.3	3.5
External Piping Diameter	Gas (ø)	mm	9.52	9.52	12.7	15.88	15.88
	Liquid (ø)	mm	6.35	6.35	6.35	6.35	9.52
Max. length		m	20	25	25	25	30
Max. height		m	10	10	10	10	15
Power supply		V, Phase, Hz	230, 1, 50				

*Note: Noise level is measured in anechoic chambers.

Conversion formula: Btu/h=kW x 3412

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Non-Inverter Single
Split System

R22



With energy-saving "Econo-cool" and Fuzzy Logic "I feel", the Extra Powerful and Super Quiet MS Series boasts a world-class suite of features. From bedroom to spacious living room, with our extended line-up we have the air-conditioner that your home needs.

MU-D & E Series

Indoor Unit



Dimensions (W X D X H) : 788 X 234 X 295 mm

MS-E10VC
Cooling capacity: 2.5kW

MS-E13VC
Cooling capacity: 3.6kW



(MS-E10/13VC)



Dimensions (W X D X H) : 1100 X 238 X 325 mm

MS-E18VC
Cooling capacity: 5.2kW

MS-E24VC
Cooling capacity: 6.6kW



(MS-E18/24VC)



Dimensions (W X D X H) : 1170 x 295 x 365 mm

MS-D30VC
Cooling capacity: 8.4kW

MS-D36VC
Cooling capacity: 10.0kW



(MS-D30/36VC)

Outdoor Unit



MU-E10/13VC
Dimensions (W X D X H) :
718 X 255 X 525 mm



MU-E18VC
Dimensions (W X D X H) :
800 X 285 X 550 mm



MU-E24VC
Dimensions (W X D X H) :
840 X 330 X 880 mm



MU-D30VC
Dimensions (W X D X H) :
840 X 330 X 850 mm



MU-D36VC
Dimensions (W X D X H) :
870 X 295 X 1258 mm

Mitsubishi Electric starMEX Air-Conditioner | Catechin Air Purifying System | EASY CLEAN | WiDE & LONG | ANTI-ALLERGY ENZYME FILTER | R22

Catechin | Quiet | Econo Cool | COOL (MS-E18/24VC) | Fuzzy I FEEL | Auto Restart | 24 (MS-E18/24/D30/36VC) | 12 (MS-E10/13VC) | Wide (MS-E18/24/D30/36VC) | Long | AUTO | Self Diagnosis | NEW LEV (MS-D30/36VC)

EASYCLEAN (MS-E18/24VC) | Weekly Timer (MS-E18/24VC) | Electrostatic Anti-allergy (MS-E18/24VC) | Nano Platinum (MS-E18/24VC)

Non-Inverter Single Split System MU-D & E series

Specifications

Model			starMEX		WiDE & LONG			
Indoor			MS-E10VC	MS-E13VC	MS-E18VC	MS-E24VC	MS-D30VC	MS-D36VC
Outdoor			MU-E10VC	MU-E13VC	MU-E18VC	MU-E24VC	MU-D30VC	MU-D36VC
Function & type			Cooling, Wall-mounted					
Capacity		kW	2.5	3.6	5.2	6.6	8.4	10.0
Total power supply		V, Phase, Hz	230, Single phase, 50Hz					
Total power input		kW	0.775	1.115	1.57	2.00	3.25	3.4
Starting current		A	16	33	39	55	91	90
Running current		A	3.44	4.95	7.30	9.10	14.6	15.7
Airflow (High)		CMM (m^3/min)	10.4	10.5	17.4	18.0	23.3	24.2
Dimension (W x D x H)	Indoor	mm	788 x 234 x 295		1100 x 238 x 325		1,170 x 295 x 365	
	Outdoor	mm	718 x 255 x 525		800 x 285 x 550	840 x330 x880	840 x 330 x 850	870 x 295 x 1258
Net weight	Indoor	kg	9		16		18	
	Outdoor	kg	24.5	32.5	36	55	77	90
*Noise level (Low-High)	Indoor	dB (A)	26-40	29-42	34-46	37-47	36-46	39-48
Connection method	Indoor/Outdoor		Flared					
Dehumidification		l/h	0.1	1.0	0.6	1.6	4.3	5.0
Pipe size (Outer diameter)	Gas	mm	9.52	12.70	15.88			19.05
	Liquid	mm	6.35				9.52	
Maximum piping length	Max Length	m	20		30			
	Height difference	m	10				15	

** Note: Noise level is measured in anechoic chambers.*

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MITSUBISHI ELECTRIC
Changes for the Better

Mitsubishi Electric starMEX Air-Conditioner

Inverter Multi Split

	Type: Model	Refrigerant	Connectable Indoor Units	Page	Energy labelling Scheme
MXY-3A28VA — up to **3** indoor units	DC Inverter	R410A	MSY-GE10/13VA MSY-GE18VA	12	Excellent
MXY-4A28VA — up to **4** indoor units	DC Inverter	R410A	MSY-GE10/13VA MSY-GE18VA	12	Excellent
MXY-4A38VA — up to **4** indoor units	DC Inverter	R410A	MSY-GE24/26VA	12	Excellent
MXY-2E20VA — up to **2** indoor units	DC Inverter	R410A	MSY-GE10/13VA	12	Excellent

'MXY-2E20VA can be connected to wall mount series only of up to cooling capacity of 3.5kW.

Inverter Multi Split

	Type: Model	Refrigerant	Connectable Indoor Units	Page	Energy labelling Scheme
MXY-3A28VA — up to **3** indoor units	DC Inverter	R410A	PLA-RP35/50/60/71BA	21	Excellent
MXY-4A38VA — up to **4** indoor units	DC Inverter	R410A	MLZ-KA35/50VA	22	Excellent

Inverter Multi Split

	Type: Model	Refrigerant	Connectable Indoor Units	Page	Energy labelling Scheme
MXY-3A28VA — up to **3** indoor units	DC Inverter	R410A	SEZ-KD35/50/60/71VAL	24	Excellent
MXY-4A38VA — up to **4** indoor units	DC Inverter	R410A	SEZ-KD35/50/60/71VAL PEAD-RP50/60/71JA(L)	23	Excellent

'PEAD-RP71JA(L) can be connected to MXY-4A38VA only.
Total Indoor Running current must not exceed 5amps when connecting to PEAD series.

Conversion formula: Btu/h=kW X 3412

MITSUBISHI ELECTRIC
Changes for the Better

Mitsubishi Electric starMEX Air-Conditioner

Inverter Multi Split

	Type: Model	Refrigerant	Connectable Indoor Units	Page	Energy labelling Scheme
MXY-3A28VA — up to **3** indoor units	DC Inverter	R410A	MSY-EF10/13/18VAW	19	Excellent
MXY-4A28VA — up to **4** indoor units	DC Inverter	R410A	MSY-EF10/13/18VAS	19	Excellent
MXY-4A38VA — up to **4** indoor units	DC Inverter	R410A	MSY-EF10/13/18VAB	19	Excellent
MXY-2E20VA — up to **2** indoor units	DC Inverter	R410A	MSY-EF10/13VAW Silver & Black also available	19	Excellent

'MXY-2E20VA can be connected to wall mount series only of up to cooling capacity of 3.5kW.

Inverter Single Split

	Type: Model	Refrigerant	Connectable Indoor Units	Page	Energy labelling Scheme
MUY-GE10VA	DC Inverter	R410A	MSY-GE10VA	11	Excellent
MUY-GE13VA	DC Inverter	R410A	MSY-GE13VA	11	Excellent
MUY-GE15VA	DC Inverter	R410A	MSY-GE15VA	11	Excellent
MUY-GE18VA	DC Inverter	R410A	MSY-GE18VA	11	Excellent
MUY-GE24VA	DC Inverter	R410A	MSY-GE24VA	11	Excellent

Conversion formula: Btu/h=kW X 3412

Non-Inverter Multi Split System

R410A

Mitsubishi Electric starMEX Air-Conditioner

Mitsubishi Electric also offers a versatile line of conventional non-inverter air-conditioners featuring multi-system capability. The MS EASY CLEAN Series is the latest air-conditioner line up, featuring the highly effective Catechin Plus Air Purifying System. This new line also offers quieter operation, and has a distinctive design that not only looks appealing, but also is easier to clean.



MUX-BD Series

Indoor Unit



Dimensions (W x D x H) : 815 x 244 x 278 mm



Luminous Buttons

MS-B10VB
Cooling capacity: 2.85kW*

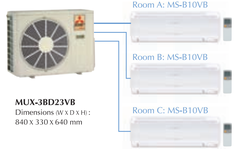
EASY CLEAN · Catechin · R410A · Cleaning-free, Pipe reuse

Quiet · Catechin · Air-Cleaning · EASY CLEAN · COOL Speed · Self Diagnosis
Auto Restart
Econo Cool · Fuzzy Logic "I Feel" · AUTO

Outdoor Unit

3 Rooms **MUX-3BD23VB** Outdoor unit 1:3 Indoor units

Certain unit combinations are not compatible.
Please refer to the configuration pattern charts below



MUX-3BD23VB
Dimensions (W x D x H) :
840 x 330 x 640 mm

Model			EASY CLEAN
Outdoor			MUX-3BD23VB
Indoor			MS-B10VB
No. of connectable indoor units (System)			3
Function & type			Cooling, Wall-mounted
Capacity		kW	Please refer to the chart below
Power Input		kW	
Running current		A	
Airflow (High)		CMM(m³/min)	MS-B10VB : 7.9
Dimension (W x D x H)	Indoor	mm	815 x 244 x 278
	Outdoor	mm	840 x 330 x 640
Net weight	Indoor	Kg	MS-B10VB : 9
	Outdoor	Kg	65
*Noise level (Low-High)	Indoor	dB(A)	MS-B10VB:(25-36)
Connection method	Indoor/Outdoor		Flared
External piping — Diameter	Gas (ø)	mm	9.52
	Liquid (ø)	mm	6.35
Max.length	Total - Each	m	45+15
Max.height		m	10
Power supply		V, Phase, Hz	230, 1, 50

'Note: Noise level is measured in anechoic chambers.

SPECIFICATION

Non-Inverter Multi Split System *MUX-BD Series* *(For private dwellings & HDB flats without current limitation)*

Outdoor unit	Indoor unit combination		(A + B + C + D)	Capacity of each indoor unit (kW) A	B	C	D	Total Capacity (kW)	Total power input (kW)	Total running current (A)
MUX-3BD23VB	1 Room	10	(1 compressor)	2.60	–	–	–	2.60	0.96	4.30
		10	(1 compressor)	–	2.85	–	–	2.85	1.25	5.65
		10	(1 compressor)	–	–	2.85	–	2.85	1.25	5.65
	2 Rooms	10+10	(2 compressors)	2.60	2.75	–	–	5.35	2.12	9.50
		10+10	(1 compressor)	–	1.80	1.80	–	3.60	1.31	5.87
		10+10	(2 compressors)	2.60	–	2.75	–	5.35	2.12	9.50
	3 Rooms	10+10+10	(2 compressors)	2.60	1.80	1.80	–	6.20	2.09	9.41

Conversion formula: Btu/h=kW x 3412 *With single unit operation

FEATURES

For your convenience, leave this flap extended to check features.

Energy Saving

- **DC Inverter**
- **PAM Control**
- **Econo Cool**
- **New LEV Control**
- **Fuzzy Logic "I Feel"**

Comfort

- **The Quietest Air-Conditioner In The Market** — Only 19dB
- **Super Quiet** — Only 21dB
- **Quiet Operation**
- **Powerful Cool**
- **Wide Control**
- **Long Air-flow**
- **Auto Mode**
- **Computerised Dehumidification**
  Eliminate dampness for healthier and more comfortable air-conditioning, while enjoying great year-round economy.
- **5 Step Vane Control & Swing Mode**
  Five different airflow patterns & "Swing" mode match the interior layout and people in the room.

Fresh Air

- **Anti-Allergy Enzyme Filter**
- **Electrostatic Anti-allergy Enzyme Filter**
  The filter is charged with static electricity, enable it to trap allergens such as molds and bacteria and decompose them using enzymes retained in the filter.
- **Catechin Plus Pre-Filter**
- **Double Air Cleaning Filter**
  Traps dust and other small particles such as pollen, mould and dust mites which can cause allergic reactions. The filter removes particles as small as 0.01 microns.
- **Nano Platinum Filter**
  The filter has a large capture area and incorporates nanometre-sized platinum-ceramic particles that work to kill bacteria and deodourise the circulating air. Better dust collection than conventional filters is also ensured.

Convenience

- **24-Hour On/Off timer**
  On/Off operation can be set simultaneously in 10-minute increment for a 24-hour period.
- **12-Hour On/Off timer**
  On/Off times can be easily set as desired.
- **Weekly Timer**
  Easily set desired temperatures and operation start/stop times to match lifestyle patterns.
- **Auto Restart**
  This function permits automatic return to previous operation conditions after a sudden power black-out. You can now sleep peacefully all through the night without having to get up and turn your air-conditioner back on.
- **Smart Control**
  Press the same button twice in repetition to immediately return to the previous temperture setting
- **I Save Mode**
  This is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller.

Installation & Maintenance

- **R410A Refrigerant**
  The new HABi(hard alkyl benzene) refrigerant oil is a unique oil that degrades very slowly. In addition to this new oil, our exclusive cleaning-free technology incorporates a specially developed high-efficiency oil separator and heat exchangers that are optimally designed to prevent oil stagnation. These benefits make it possible to reuse existing piping even when installing a new model.
- **Cleaning-free, Pipe Reuse Technology**
  Turning to our air-conditioner refrigerants, because the use of the Hydrochloro-fluorocarbon R22 is destructive to the ozone layer, we have switched to the new refrigerant R410A with zero ozone depletion potential.
- **Easy Clean Design**
- **Durable Electronic Metal Housing Box**
  This special box protects the electronic circuitry from dust ensuring its reliable operation and preventing fire in the event of a short circuit.
- **Anti-Rust Treatment**
- **Emergency Circuit Protection**
  In the event of sudden power surge, e.g. lightning, the circuits of 3 safety barriers (fuse, baristor, and surge absorber) are automatically broken first to protect the printed circuit board (PCB).
- **Self-Diagnostic Function**
  In the unlikely event of a malfunction, the LED on the indoor unit flashes to indicate the exact spot to be checked.

		Inverter		Non-Inverter	
		Cool/Dry	Cool/Dry	Cool/Dry	Cool/Dry
		MSY-GE10/13/15/18/24/26VA MSY-EF10/13/18VA(B/S/W) MSY-EF10/13VAW MSY-GE10/13/15/18/24VA SEZ-KD35/50/60/71VAL	MXY-3A28/4A28VA MXY-4A38VA MSY-EF10/13/18VA(B/S/W) MSY-EF10/13VAW MUY-GE10/13/15/18/24VA	MS-E10/13/18/24VC MS-B10VB	MUE-E10/13/18/24VC MUX-3BD23VB
Cooling	Lower limit	21°C DB / 15°C WB	-10°C DB	21°C DB/ 15°C WB	21°CDB
	Upper limit	32°C DB / 23°C WB	46°C DB	35°C DB / 24°C WB MS-D30/36VC	46°C DB MU-D30/36VC
				MS-AD10/13/18VA24/30VB	MU-AD10/13/18VA/24/30VB
Cooling	Lower limit			21°C DB / 15°C WB	21°C DB
	Upper limit			32°C DB / 23°C WB	43°C DB

Note
1. Rating conditions: Cooling – Indoor: 27°C DB / 19°C WB; Outdoor: 35°C DB.
2. Due to the compact high efficient design of heat exchanger, the use of wall mounted / indoor unit (Non-Inverter) is not recommended for hair salloon environment. Please contact our Dealers for recommendations of appropriate models.
3. Guaranteed operating range:

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