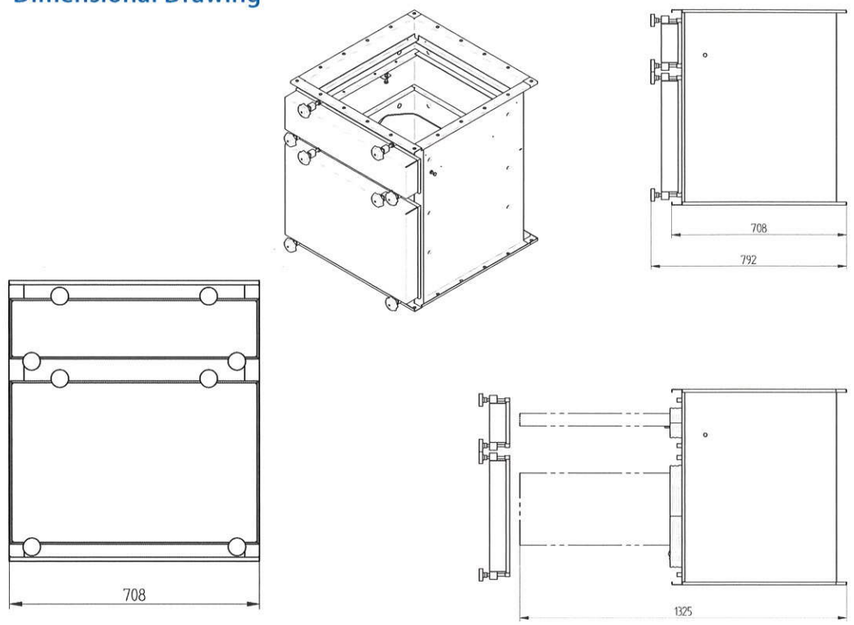
Beth-El Industries

Dimensional Drawing



Order Numbers

Order no.	HO	A	-	B	C	-	D	E	F	G
Example	HO	G	-	79	66	-	C	2	0	0

Filter Stage	A
Fine Dust	F
Fine Dust & HEPA	G
HEPA	H

Housing Width	B
792mm	79
1584mm	14

Filter Dimensions	C
305 x 610 mm	36
610 x 610 mm	66
Other dimensions avalible on request	

Housing Material	D
Steel Housing Powder Coated	C

Housing Configuration	E
Single Row	1
Double Row	2

Qty of Housings in parallel	F
1 x Single Row	A
2 x Single Row	B
3 x Single Row	C
4 x Single Row	D
5 x Single Row	E
6 x Single Row	F
1 x Double Row	G
2 x Double Row	H
3 x Double Row	J
4 x Double Row	K
5 x Double Row	L

Options	G
No Options	0
Table for filter replacement	1
ΔP Adaptor on Front Panel	2

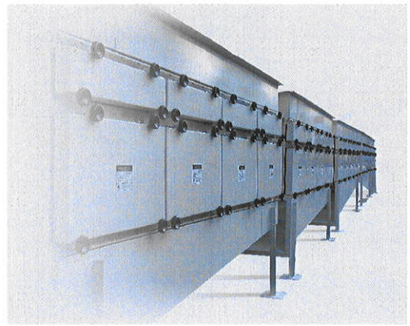
Specifications are subject to change without prior notice.

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Zikhron Yaaqov, Israel
Tel: + 972-4-629 0000
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Beth-El Industries

Safe Change Housing

Type HO





Overview

The **HO Safe Change Housing** is designed and tested to extract particles and aerosols from the air. Easy and safe filter changing is provided using the double flanged Bag-In / Bag-out system, giving full protection to maintenance staff in hazardous conditions when using in radioactive and toxic systems.

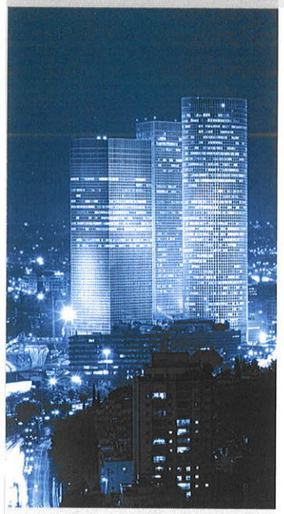
SYSTEM FEATURES:

- **Easy and safe filter change through Bag-in / Bag-out system**
- **Integrated filter with efficiencies from 95% up to 99.99995% (H10 – U16 according to EN 1822)**
- **Steel housing with decontaminable powder coating**
- **Up to two filter stages**
- **Quality control according to ISO 9001**

Certified Quality Assurance Program According to **AQAP-2110**

NATO-Supplier No.SH785

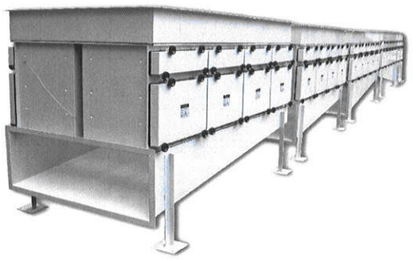
NBC-Filtration & Ventilation Systems

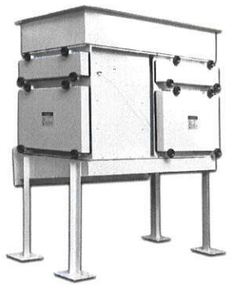


SYSTEM FEATURES:

- **Easy and safe filter change through bag-in / bag-out system**
- **Integrated filter with efficiencies from 95% up to 99.99995% (H10 – U16 according to EN 1822)**
- **Steel housing with decontaminable powder coating**
- **Up to two filter stages**
- **Quality control according to ISO 9001**







Design

The HO Safe Change Housing is made of steel sheeting with airtight welds finished with a decontaminable powder coating.

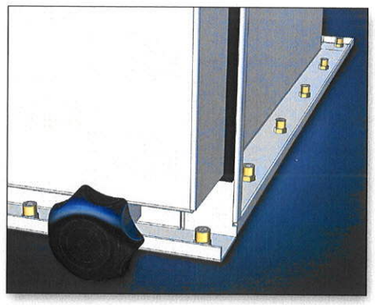
The rigid doors are closed airtight using a star knob clamping system. Pulling out of the HEPA filter from the housing is achieved by means of a special steel cord for easier servicing operation.

The HO Safe Change Housing automatically adjusts the clamping force via a cam and leaf spring, guaranteeing a uniform seal pressure between the filter and the housing frame. The clamping device can only be closed when the filter is properly in place to ensure safe operation.

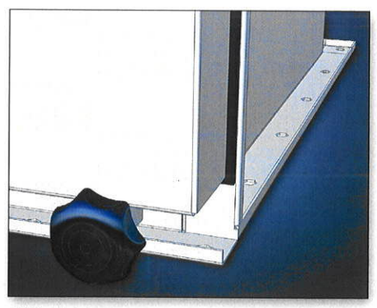
Additional Options

The HO Safe Change Housing can be delivered with a portable table for easier replacement of the filters. Further, a 'pressure drop measuring adaptor' can be installed from the front side.

The housing flange can be supplied either with holes or with rivet nuts according to customer requirements (see pictures).

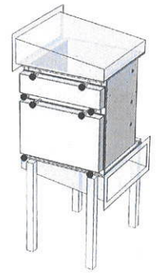


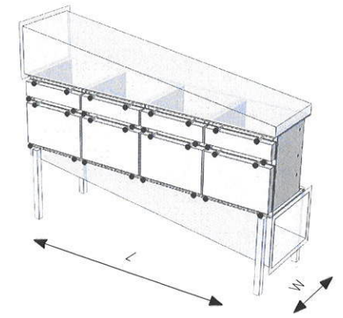
With rivet nuts



Without rivet nuts

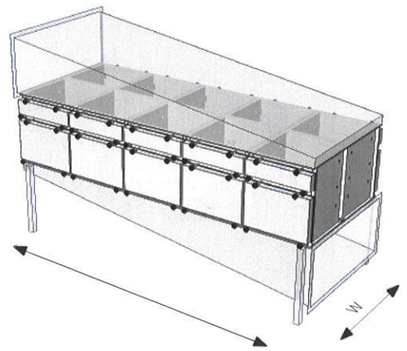
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Standard Dimensions 'Single Row'		
Qty. of Modules	Length	Width
1	710 mm	792 mm
2	1420 mm	792 mm
3	2130 mm	792 mm
4	2840 mm	792 mm
5	3550 mm	792 mm
6	4260 mm	792 mm





Standard Dimensions 'Double Row'		
Qty. of Modules	Length	Width
1	710 mm	1584 mm
2	1420 mm	1584 mm
3	2130 mm	1584 mm
4	2840 mm	1584 mm
5	3550 mm	1584 mm
6	4260 mm	1584 mm