

products

filtration equipments



FILTRATION EQUIPMENTS



take a breathe



FAN FILTER UNITS



HEPA TERMINAL BOXES FAN FILTER



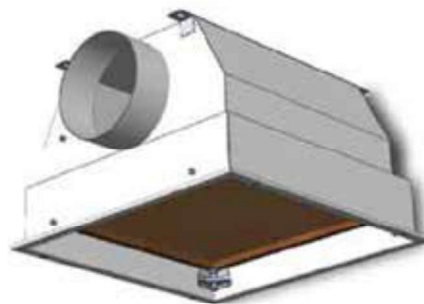
FILTER FRAMES/HOUSINGS





TECHNICAL SPECIFICATIONS

Material	: Painted DKP Steel
Colour	: RAL 9010 (standard)
Installation Type	: Hang by rods
Diffuser Type	: Perforated Sheet or Swirl Diffuser
Air Intake	: On side / On top
Flange	: Yes



PRODUCT CODE	FILTER DIMENSIONS (H13)				HEPA BOX DIMENSIONS				DIFFUSER DIMENSIONS	
	WIDTH (mm)	LENGTH (mm)	NOMINAL AIR FLOW (m ³ /h)	INITIAL PRESSURE DROP (± 10% Pa)	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	COLOR DIAMETER (mm)	WIDTH (mm)	LENGTH (mm)
HTB-305-305-Ø125	305	305	150	100	325	325	300	125	375	375
HTB-457-457-Ø160	457	457	340	100	477	477	320	160	527	527
HTB-535-535-Ø200	535	535	460	100	555	555	360	200	605	605
HTB-575-575-Ø200	575	575	535	100	595	595	360	200	645	645
HTB-610-610-Ø250	610	610	600	100	635	635	400	250	680	680



Hepa Terminal Box is a terminal filtration device in which terminal hepa filters installed. It consists of a static pressure box, HEPA filter and diffuser.

It is installed at the same level of the ceiling where hepa filter is fixed inside the box to produce the required cleanliness in its specified classification. It creates turbulent flow to ensure a good mixture of dust-free air in the environment.

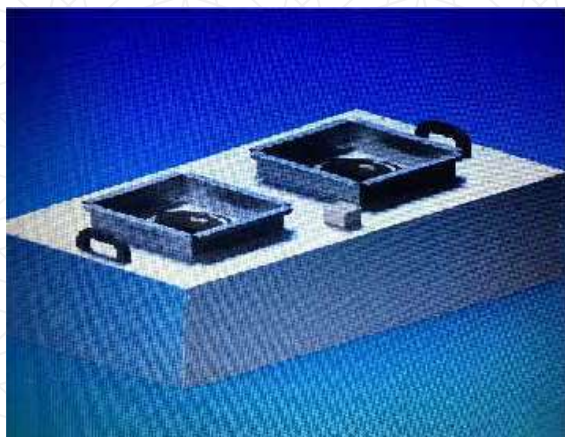


TECHNICAL SPECIFICATIONS

Frame Material	: Aluminium / Painted DKP Steel
Classification	: H14 (EN1822)
of Prefilter	: G4 (EN779:2012), ePMcoarse (ISO16890)
FAN Type	: EC / AC Plug Fan
AirFlow	: 0-10 V potentiometer (OPTIONAL)
Controller	
Pressure	: 0-500 Pa Pressure Gauge (OPTIONAL)
Sensor	
Voltage / Hz	: 230V 50Hz



PRODUCT CODE	CLASS EN1822	WIDTH (mm)	LENGHT (mm)	DEPTH (mm)	FILTRATION AREA (m2)	NOMINAL AIR FLOW (m3/h)	INITIAL PRESSU- RE DROP (± 10% Pa)	SUPPLY POWER 230V AC 50-60Hz	NOISE dB(A)
FFU-14-A-EC-305-305	H 14	305	305	450	2,45	150	125	95 W	58
FFU-14-A-EC-457-457	H 14	457	457	450	5,50	340	125	95 W	62
FFU-14-A-EC-535-535	H 14	535	535	450	7,55	465	125	130 W	62
FFU-14-A-EC-575-575	H 14	575	575	450	8,70	535	125	230 W	64
FFU-14-A-EC-610-610	H 14	610	610	450	9,80	600	125	250 W	68
FFU-14-A-EC-610-915	H 14	610	915	450	15,6	900	125	320 W	68
FFU-14-A-EC-610-1220	H 14	610	1220	450	20,8	1200	125	480	72



HIGH PERFORMANCE FAN FILTER UNIT

H14 filter efficiency 99,995 MMPS

G4- M5 class prefilter to protect H14

Hepa filter

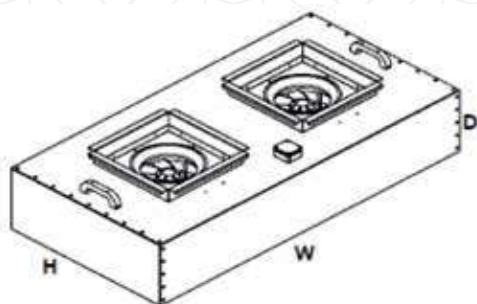
Compact Efficient EC Plug FAN

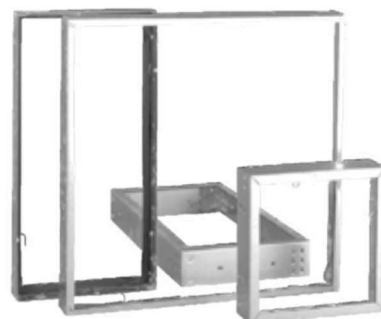
0,45 m/s laminar air flow

OPTIONAL Variable Speed controller

OPTIONAL Magnehelic Pressure Gauge

Differential Pressure Monitoring DOP Test port .





TECHNICAL SPECIFICATIONS

Material: : Galvanised Steel/ Stainless Steel 304
 Suitable For : Pre Filters/ Bag Filters/ V Compact Filters
 Filter Installation : Hinges at corners
 Filter Depth : 25/48

PRODUCT CODE	FRAME SIZE (W x H x D) mm	FILTER SIZE
FH-G-305-305-75	305x305x75	278x287x25/48
FH-G-305-610-75	305x610x75	287x582x25/48
FH-G-508-610-75	508x610x75	490x592x25/48
FH-G-610-610-75	610x610x75	592x592x25/48

PRODUCT CODE	FRAME SIZE (W x H x D) mm	FILTER SIZE
FH-G-305-305-100	305x305x100	278x287x25+48
FH-G-305-610-100	305x610x100	287x582x25+48
FH-G-508-610-100	508x610x100	490x592x25+48
FH-G-610-610-100	610x610x100	592x592x25+48

Designed for installation of prefilters, bag filters or v type compact filters in air handling units. Modular design for different dimensions give easy access for safe filter installation.

Special housings for different depths possible. Also custom design for 292 mm HEPA Filters with “ZERO LEAK GUARANTEE”

