

Fan Filter Unit - Separated Type

Description

HEPAFAN AS fan filter units are intended for environments that demand the highest levels of cleanliness such as laboratories, clean rooms and microprocessor assembly areas. Each unit contains an separate HEPA filter for improving contaminant and particulate removal from supply air. These devices combine quiet operation, low power consumption and a space saving low profile design to meet a variety of applications



Special Features

Filter Type : Fan Filter Unit

Filter Media : Micro Glass Fibre

Frame : Aluminium, Galvanized or S/S

Seperators : Thermoplastic glue beads

Bonding : 2 component polyurethane

Gasket : Continuous poured gasket or EPDM

Final Pressure Drop : 400 Pa

Max. Temperature : 80 °C

Applications

- Final filtration for clean rooms.

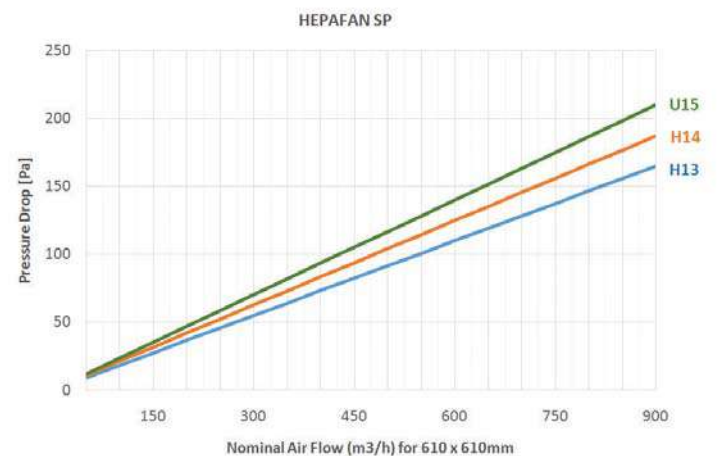
Advantages

- Fan Unit can be seperated from filter
- Very high efficiency with optimum air flow rate
- Silent operation (65 dBA), Uniform air velocity
- Differential pressure gauge available on request
- Adjustable airflow with variable speed controller on request

Product Code

FF-AN-SF-610/1220/350-H13

Filter Type	FF	Fan Filter Unit
Frame	A	A: Aluminum G:Galvanized S: S/S
Pleat Height	N	N: 55mm
Model	S	S:Seperated Frame
Pre-Filter	F	G-Pre Filter / F- Fine Filter
Efficiency	EN 1822	H13 to U15



Fan Filter Unit - Separated Type

FAN FILTER UNIT

Product Code	Dimensions (WxHxD)	Efficiency (MPPS E %)	Media Area (m ²)	Press.Drop (Pa)	Weight (Kg)
H13					
FF-AN-SF-610/610/390-H13	610 x 610 x 390	H13 - 99,95 %	10,0	600 / 110 Pa	15,0
FF-AN-SF-610/915/390-H13	610 x 915 x 390	H13 - 99,95 %	15,0	900 / 110 Pa	20,0
FF-AN-SF-610/1220/390-H13	610 x 1220 x 390	H13 - 99,95 %	20,0	1200 / 110 Pa	25,0
H14					
FF-AN-SF-610/610/390-H13	610 x 610 x 390	H14 - 99,995 %	10,0	600 / 125 Pa	15,0
FF-AN-SF-610/915/390-H13	610 x 915 x 390	H14 - 99,995 %	15,0	900 / 125 Pa	20,0
FF-AN-SF-610/1220/390-H13	610 x 1220 x 390	H14 - 99,995 %	20,0	1200 / 125 Pa	25,0
U15					
FF-AN-SF-610/610/390-H13	610 x 610 x 390	U15 - 99,9995 %	10,0	600 / 140 Pa	15,0
FF-AN-SF-610/915/390-H13	610 x 915 x 390	U15 - 99,9995 %	15,0	900 / 140 Pa	20,0
FF-AN-SF-610/1220/390-H13	610 x 1220 x 390	U15 - 99,9995 %	20,0	1200 / 140 Pa	25,0

SEPERATE FILTERS

Product Code	Dimensions (WxHxD)	Efficiency (MPPS E %)	Media Area (m ²)	Press.Drop (Pa)	Weight (Kg)
H13					
HF-AN-DP-610/610/89-H13	610 x 610 x 89	H13 - 99,95 %	10,0	600 / 110 Pa	6,0
HF-AN-DP-610/915/89-H13	610 x 915 x 89	H13 - 99,95 %	15,0	900 / 110 Pa	7,5
HF-AN-DP-610/1220/89-H13	610 x 1220 x 89	H13 - 99,95 %	20,0	1200 / 110 Pa	13,0
H14					
HF-AN-DP-610/610/89-H13	610 x 610 x 89	H14 - 99,995 %	10,0	600 / 125 Pa	6,0
HF-AN-DP-610/915/89-H13	610 x 915 x 89	H14 - 99,995 %	15,0	900 / 125 Pa	7,5
HF-AN-DP-610/1220/89-H13	610 x 1220 x 89	H14 - 99,995 %	20,0	1200 / 125 Pa	13,0
U15					
UF-AN-DP-610/610/89-H13	610 x 610 x 89	U15 - 99,9995 %	10,0	600 / 140 Pa	6,0
UF-AN-DP-610/915/89-H13	610 x 915 x 89	U15 - 99,9995 %	15,0	900 / 140 Pa	7,5
UF-AN-DP-610/1220/89-H13	610 x 1220 x 89	U15 - 99,9995 %	20,0	1200 / 140 Pa	13,0

Terminal Hepa Filter Adjustable Flow Type

Description

Designed as final filters for clean rooms with very critical situations (laminarflows). These filters are ready to install Hepa/Ulpa filter diffusers which is made of extruded and anodised aluminum frame and galvanized steel cover with circular inlet $\varnothing 250\text{mm}$. Epoxy painted protection grid is used at down stream side. Each single filter is tested according to EN 1822.

Special Features

Filter Type : Terminal HEPA Filter

Filter Media : Micro Glass Fibre

Frame : Extruded Aluminium Frame

Separators : Thermoplastic glue beads

Bonding : 2 component polyurethane

Gasket : Continuous poured gasket or EPDM

Final Pressure Drop : 600 Pa

Max. Temperature : 80 °C



Applications

- Final filtration for clean rooms.

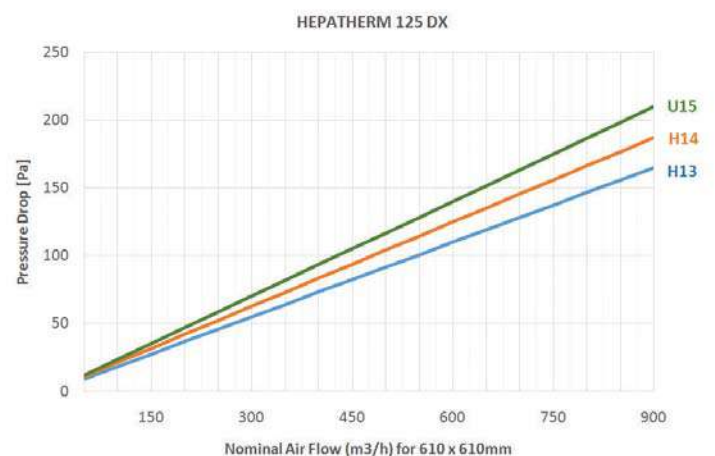
Advantages

- Compact design & ready to install
- Very high efficiency with adjustable air flow rate
- Volume can be adjusted by perforated distribution plate from roomside with a screwdriver.
- Differential Pressure nozzle and DOP Test Nozzle is standart equipment.
- Individual test certificate is provided with filter

Product Code

HH-DX-TL-610/610/125-H14

Filter Type	HH	Terminal HEPA Filter
Model	D	D: Adjustable Mechanism
Gasket	X	X-Without / E-EPDM / P- PU Gasket
Spigot No:	T	T:Single D:Double Spigot
Spigot Diameter	L	S:160/M:200/L:250/X:315
Efficiency	EN 1822	H13 to U15



Terminal Hepa Filter Adjustable Flow Type

Product Code	Dimensions (WxHxD)	Efficiency (MPPS E %)	Media Area (m ²)	Press.Drop (Pa)	Weight (Kg)
H13					
HH-DX-TS-305/305/125-H13	305 x 305 x 125	H13 - 99,95 %	2,8	150 / 100 Pa	4,80
HH-DX-TM-305/610/125-H13	305 x 610 x 125	H13 - 99,95 %	5,5	300 / 100 Pa	7,50
HH-DX-TM-457/457/125-H13	457 x 457 x 125	H13 - 99,95 %	6,2	340 / 100 Pa	7,80
HH-DX-TL-610/610/125-H13	610 x 610 x 125	H13 - 99,95 %	11	600 / 100 Pa	8,60
HH-DX-TL-610/762/125-H13	610 x 762 x 125	H13 - 99,95 %	13,7	750 / 100 Pa	10,00
HH-DX-TX-610/915/125-H13	610 x 915 x 125	H13 - 99,95 %	16,5	900 / 100 Pa	12,50
HH-DX-TX-610/1220/125-H13	610 x 1220 x 125	H13 - 99,95 %	21	1200 / 100 Pa	18,50
H14					
HH-DX-TS-305/305/125-H14	305 x 305 x 125	H14 - 99,995 %	2,8	150 / 120 Pa	4,80
HH-DX-TM-305/610/125-H14	305 x 610 x 125	H14 - 99,995 %	5,5	300 / 120 Pa	7,50
HH-DX-TM-457/457/125-H14	457 x 457 x 125	H14 - 99,995 %	6,2	340 / 120 Pa	7,80
HH-DX-TL-610/610/125-H14	610 x 610 x 125	H14 - 99,995 %	11	600 / 120 Pa	8,60
HH-DX-TL-610/762/125-H14	610 x 762 x 125	H14 - 99,995 %	13,7	750 / 120 Pa	10,00
HH-DX-TX-610/915/125-H14	610 x 915 x 125	H14 - 99,995 %	16,5	900 / 120 Pa	12,50
HH-DX-TX-610/1220/125-H14	610 x 1220 x 125	H14 - 99,995 %	21	1200 / 120 Pa	18,50
U15					
HH-DX-TS-305/305/125-H13	305 x 305 x 125	U15 - 99,9995 %	2,8	150 / 140 Pa	4,80
HH-DX-TM-305/610/125-H13	305 x 610 x 125	U15 - 99,9995 %	5,5	300 / 140 Pa	7,50
HH-DX-TM-457/457/125-H13	457 x 457 x 125	U15 - 99,9995 %	6,2	340 / 140 Pa	7,80
HH-DX-TL-610/610/125-H13	610 x 610 x 125	U15 - 99,9995 %	11	600 / 140 Pa	8,60
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