

HEPA TERMINAL HOOD FILTER



Specifications

- Optimized velocity distribution
- Disposable filter modules
- Low pressure drop, less energy consumption
- With individual test certificated
- Guaranteed leak-free
- Factory sealed unit filter
- Adjustable airflow by means of a damper
- Interchangeable with existing filters
- Ready to install
- Assembled without screws or fasteners
- Aluminium cover and spigot
- Emery (DOP) and ΔP nozzles included

Filter Class; H13 - H14 - U15

Media; High quality glass fibre

Sealing Compound;

Two component polyurethane

Separators; Hotmelt

Frame type; Anodized, extruded aluminium

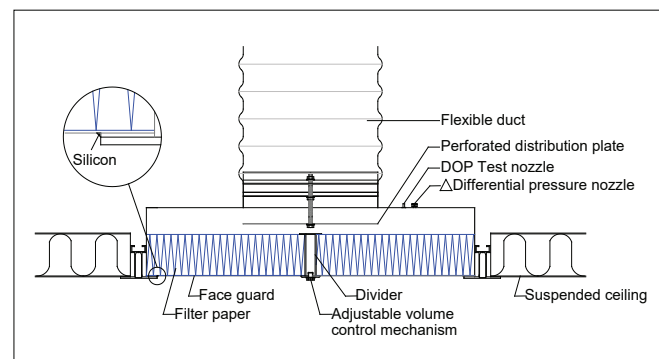
Flammability Class; K1/F1 for normal Temp.

Faceguard; Aluminium sheet, powder coated

Max. Final Pressure Drop; 600 Pa

Spigot Diameter; 160-200-250-315mm

Max. Operating Temperature; 75°C





High-efficiency HEPA Terminal Hood filters protect people, equipment and processes from airborne particulate contamination. HEPA Terminal Hood filters are used in air ventilation and air conditioning plants requiring high or very high levels of air purity. They are designed for clean room ceilings and clean work tables to provide laminar flow.

Applications: Industrial processes like microelectronics, medicine, pharma, the food industry, microbiology, chemistry, laboratories, hospital and hospital operating theatres, laminar flow boxes, nuclear energy and nuclear research.

Filtration area and pleat height designed with the optimum value are more important for performance of filters. The filters having high pleat height offer a good solution with lower operating costs and significantly reducing energy consumption.

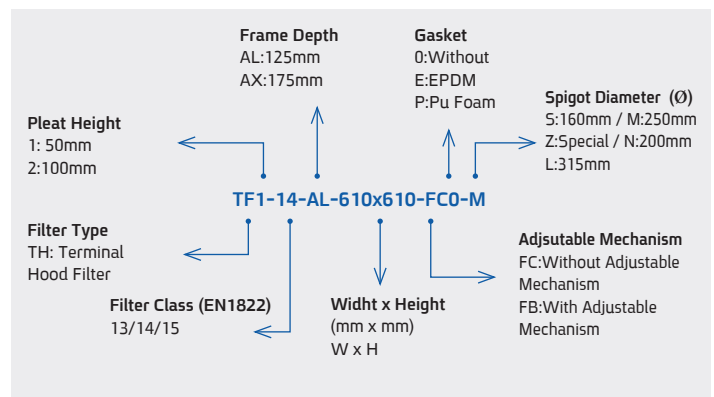
Volume can be adjusted by perforated distribution plate from roomside with a screwdriver through an access port located in the center of the unit. For an optional application where the volume control is not necessary the fixed distribution plate is also available (divider is not included).

Note: Add 15Pa to initial resistance for hood construction

Filter Pleat	Pleat Height (PH-...)(mm)	Pleat Code	Filtration area per m ² face area	Filter Class (EN1822)	Pack resistance @ nominal air velocity (0,45m/s)	Available Frame Code for pleat	Available Frame Depth for pleat (mm)
	50	1	29,6	H13	90	(HTH) AL, AX	125, 175
			29,6	H14	115		
			29,6	U15	135		
	100	6	48,4	H13	65	(HTH) AX	175
			50,5	H14	80		
			53,7	U15	100		

* Other pleat heights are available for special applications.

* Differential Pressure Tolerance $\pm 10\%$





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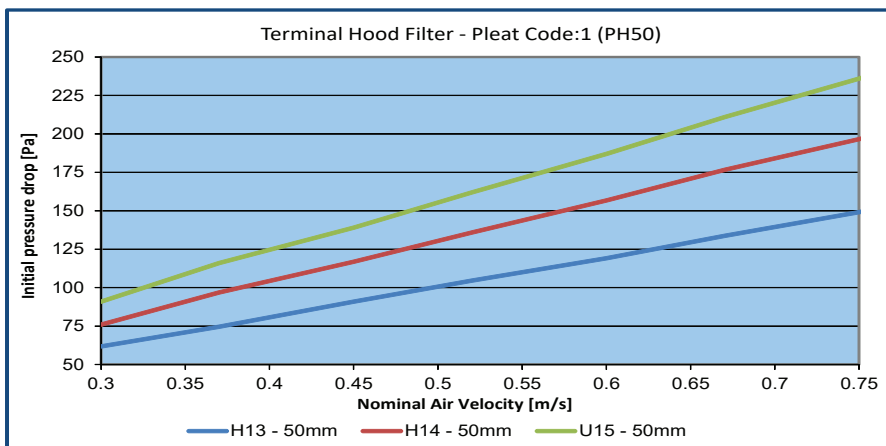
HEPA/ULPA TERMINAL HOOD FILTER

(AL;125MM - PH;50MM)



Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Spigot Diameter (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
TH1-13AL-305x305-FB0-M	H13	305x305x125	160	2.8	50	150	90
TH1-13AL-305x610-FB0-M	H13	305x610x125	200	5.5	50	300	90
TH1-13AL-457x457-FCB-M	H13	457x457x125	200	6.2	50	340	90
TH1-13AL-610x610-FB0-M	H13	610x610x125	250	11.0	50	600	90
TH1-13AL-610x762-FB0-M	H13	610x762x125	250	13.7	50	750	90
TH1-13AL-610x915-FB0-M	H13	610x915x125	315	16.5	50	900	90
TH1-13AL-610x1220-FB0-M	H13	610x1220x125	315	22.0	50	1200	90
TH1-14AL-305x305-FB0-M	H14	305x305x125	160	2.8	50	150	115
TH1-14AL-305x610-FB0-M	H14	305x610x125	200	5.5	50	300	115
TH1-14AL-457x457-FB0-M	H14	457x457x125	200	6.2	50	340	115
TH1-14AL-610x610-FB0-M	H14	610x610x125	250	11.0	50	600	115
TH1-14AL-610x762-FB0-M	H14	610x762x125	250	13.7	50	750	115
TH1-14AL-610x915-FB0-M	H14	610x915x125	315	16.5	50	900	115
TH1-14AL-610x1220-FB0-M	H14	610x1220x125	315	22.0	50	1200	115
TH1-15AL-305x305-FB0-M	U15	305x305x125	160	2.8	50	150	135
TH1-15AL-305x610-FB0-M	U15	305x610x125	200	5.5	50	300	135
TH1-15AL-457x457-FB0-M	U15	457x457x125	200	6.2	50	340	135
TH1-15AL-610x610-FB0-M	U15	610x610x125	250	11.0	50	600	135
TH1-15AL-610x762-FB0-M	U15	610x762x125	250	13.7	50	750	135
TH1-15AL-610x915-FB0-M	U15	610x915x125	315	16.5	50	900	135
TH1-15AL-610x1220-FB0-M	U15	610x1220x125	315	22.0	50	1200	135

* Other Dimensions are available on request.



TH1-14-L-610x610-FC0-M		
Filter Model	HEPA Hood	TH
Pleat Code	PH:50mm	1
Filter Class	H14 (EN1822)	H14
Filter Depth	125mm	L
Filter Dimensions	WxH (mm)	610x610
Adj. Mechanism	With	FB
Gasket type	Without	0
Spigot Diameter	PH:250mm	M



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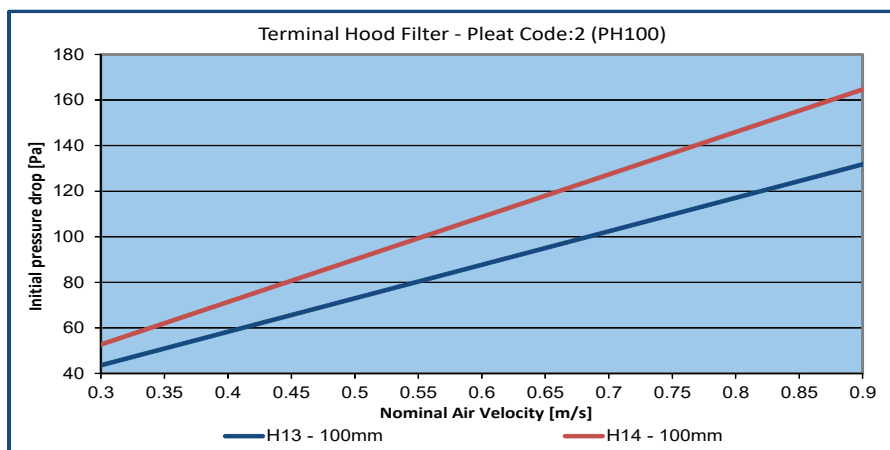
HEPA TERMINAL HOOD FILTER

(AX:175MM - PH:100MM)



Filter Model	Filter Class (EN1822)	Dimensions WxHxD (mm)	Spigot Diameter (mm)	Filtration Area (m ²)	Pleat Height (mm)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
TH2-13AX-305x305-FB0-M	H13	305x305x175	160	4.5	100	150	65
TH2-13AX-305x610-FB0-M	H13	305x610x175	200	9.0	100	300	65
TH2-13AX-457x457-FB0-M	H13	457x457x175	200	10.1	100	340	65
TH2-13AX-610x610-FB0-M	H13	610x610x175	250	18.0	100	600	65
TH2-13AX-610x762-FB0-M	H13	610x762x175	250	22.5	100	750	65
TH2-13AX-610x915-FB0-M	H13	610x915x175	315	27.0	100	900	65
TH2-13AX-610x1220-FB0-M	H13	610x1220x175	315	36.0	100	1200	65
TH2-14AX-305x305-FB0-M	H14	305x305x175	160	4.7	100	150	80
TH2-14AX-305x610-FB0-M	H14	305x610x175	200	9.4	100	300	80
TH2-14AX-457x457-FB0-M	H14	457x457x175	200	10.6	100	340	80
TH2-14AX-610x610-FB0-M	H14	610x610x175	250	18.8	100	600	80
TH2-14AX-610x762-FB0-M	H14	610x762x175	250	23.5	100	750	80
TH2-14AX-610x915-FB0-M	H14	610x915x175	315	28.2	100	900	80
TH2-14AX-610x1220-FB0-M	H14	610x1220x175	315	37.6	100	1200	80
TH2-15AX-305x305-FB0-M	U15	305x305x175	160	5.0	100	150	100
TH2-15AX-305x610-FB0-M	U15	305x610x175	200	10.0	100	300	100
TH2-15AX-457x457-FB0-M	U15	457x457x175	200	11.2	100	340	100
TH2-15AX-610x610-FB0-M	U15	610x610x175	250	20.0	100	600	100
TH2-15AX-610x762-FB0-M	U15	610x762x175	250	25.0	100	750	100
TH2-15AX-610x915-FB0-M	U15	610x915x175	315	30.0	100	900	100
TH2-15AX-610x1220-FB0-M	U15	610x1220x175	315	40.0	100	1200	100

* Other Dimensions are available on request.



TH2-14AX-610x610-FB0-M		
Filter Model	HEPA Hood	TH
Pleat Code	PH:100mm	2
Filter Class	H14 (EN1822)	14
Filter Depth	125mm	X
Filter Dimensions	WxH (mm)	610x610
Adj. Mechanism	With	FB
Gasket type	Without	0
Spigot Diameter	PH:250mm	M