



Product

FPD

Material

Galvanized steel (TA)

Filter media

Flame-retardant water-repellent glass microfibre, reinforced multilayer structure

SPECIFICATIONS

Multi-dihedral absolute filters for turbulent flows, model FPD, built with a robust galvanized steel (or stainless steel) frame, fully incineratable, and flame-retardant water-repellent glass microfibre filter media with special sealing gasket.

FUNCTIONS

They are used, after suitable pre-filters, to obtain high efficiency filtration; thanks to their build quality they have low pressure drops, high dust holding capacity, strong mechanical resistance and long life.

APPLICATIONS

This type of filters has various applications such as final stage in air handling units, protection stage for ultra-high efficiency filters, in canisters to ensure emission levels in exhaust air and inside housings in controlled contamination rooms (pharmaceutical, nuclear, electronic, food industries, operating theatres and analysis laboratories).

TECHNICAL FEATURES

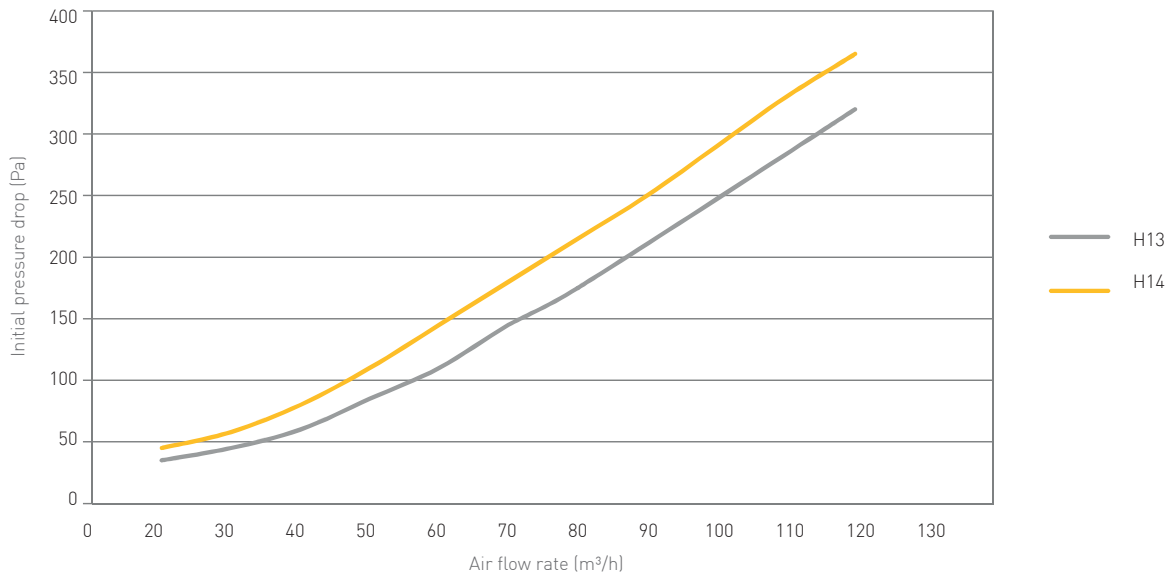
	FPD 13	FPD 14
Regenerability	No	No
Efficiency on 0.3 m DOP (%)	≥99,95	≥99,995
Class EN 1822	H13	H14
Initial pressure drop (Pa)	250	300
Recommended final pressure drop (Pa)	600	600
Maximum pressure drop (Pa)	1000	1000
Limit temperature value (°C)	80	80
Relative humidity (%)	100	100

FPD

Polyhedral absolute filters for turbulent flows

PERFORMANCE CURVE

FPD



INSTALLATION

Regardless of the installation position, FPD absolute filters always allow the use of the entire filter surface. Installation of suitable high efficiency pre-filters is recommended to increase their operating life. Frames and housings are available for correct and easy installation.

MAINTENANCE

This type of filter is not regenerable, therefore complete filter replacement is recommended when the recommended final pressure drop is reached.

DISPOSAL

High efficiency filters use materials that can be completely incinerated/disposed of without the emission of any toxic gas.

DIMENSIONS

Dimensions W x H x D mm	Nominal flow rate m³/h	Surface m²
305 x 305 x 292	1000	10
305 x 610 x 292	2000	19
287 x 592 x 292	1800	18
457 x 610 x 292	3000	25
490 x 592 x 292	2450	25
592 x 592 x 292	3000	30
610 x 610 x 292	4000	40
610 x 762 x 292	4000	40