

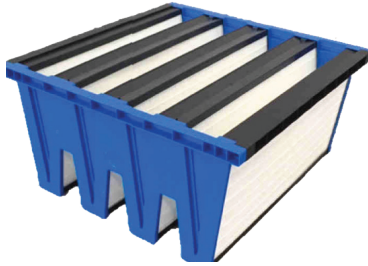
F18H

Rigid pocket microfibre absolute filters



Filtration

Solutions for well-being
of every breath



Product

F18H

Material

Self-draining in MOPLEN, rigid PU sealing system

Filter media

Water-repellent glass microfibre, reinforced multilayer structure

SPECIFICATIONS

High efficiency turbulent flow bag filters, model F18H, consisting of a robust self-draining MOPLEN (PPE) frame, flame-retardant water-repellent glass microfibre filter media and reinforced multilayer structure. Blue colour.

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 filter 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 in housings in controlled contamination rooms.

TECHNICAL FEATURES

	F18H 13	F8H 14
Regenerability	No	No
Class EN 1822	H13	H14
EUROVENT 4/4 classification	EU 13	EU 14
Recommended final pressure drop (Pa)	600	600
Maximum pressure drop (Pa)	1000	1000
Overall efficiency % for MPPS particles (Pa)	≥99,95	≥99,995
Limit temperature value (°C)	70	70
Relative humidity (%)	100	100

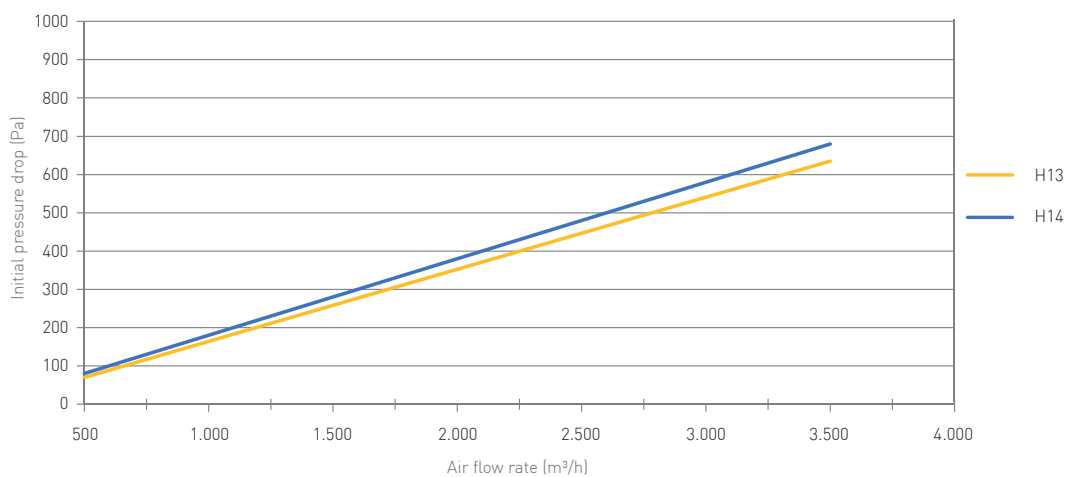
F18H

Rigid pocket filters in microfibre

PERFORMANCE CURVES

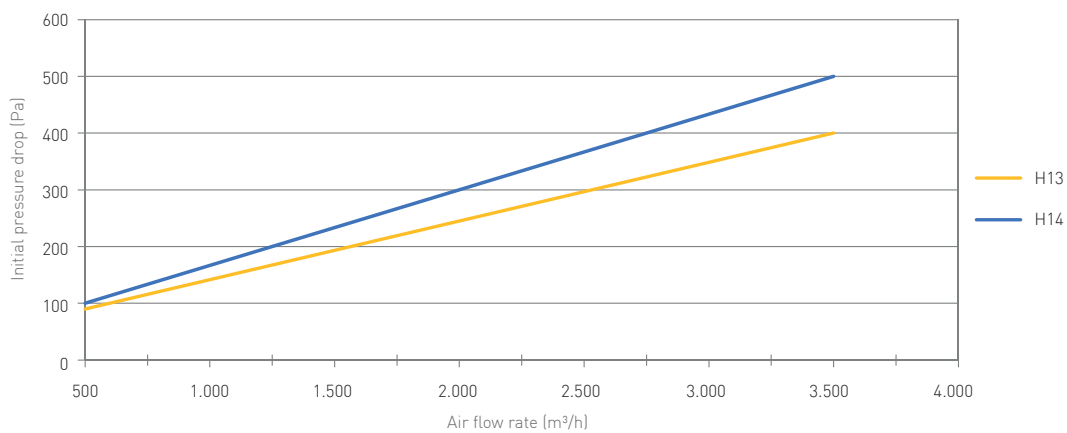
F 18H

Dimensions 287 x 592 x 292 mm



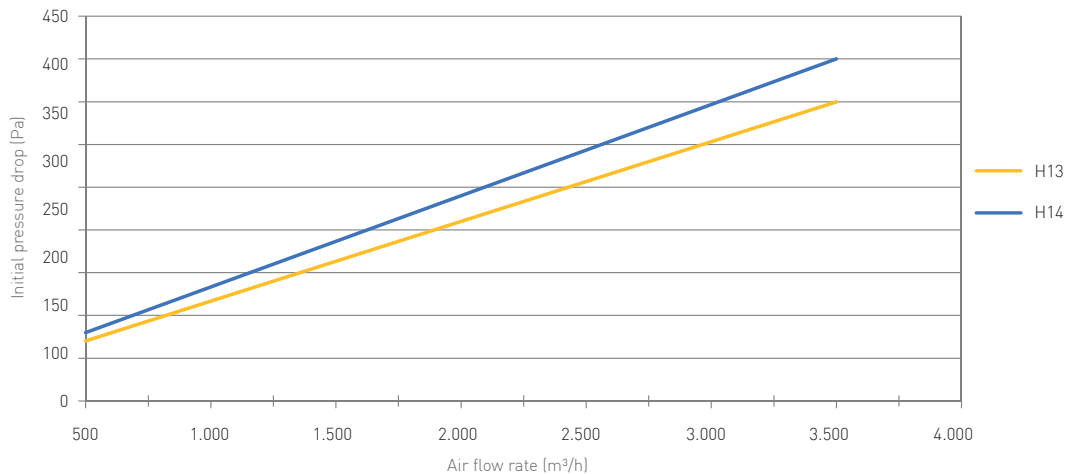
F 18H

Dimensions 402 x 592 x 292 mm



F 18H

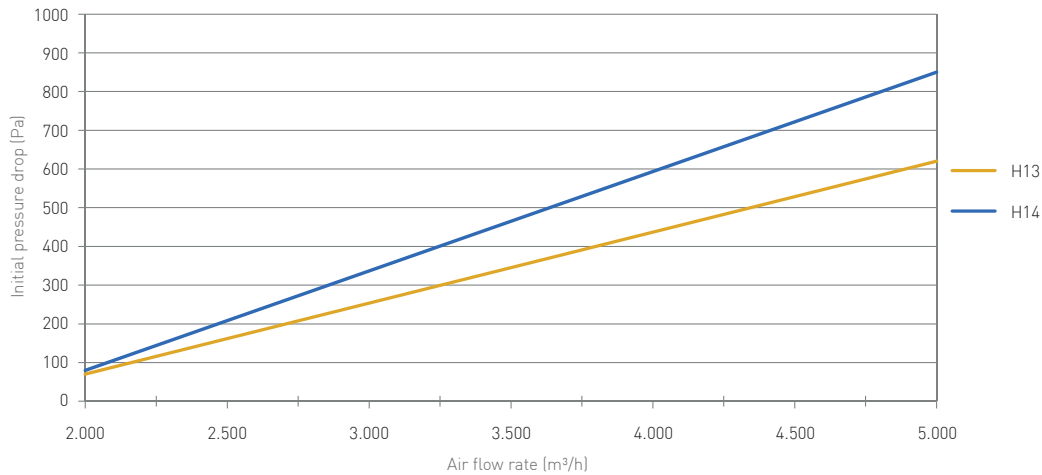
Dimensions 490 x 592 x 292 mm





F 18H

Dimensions 592 x 592 x 292 mm



INSTALLATION

Regardless of the installation position, F18H 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	Flow rate nominal		Surface filter	Pressure drop initial		Volume	Wt.
	H13	H14		H13	H14		
mm	m³/h	m³/h	m²	Pa	Pa	m³	kg
287 x 592 x 292	1500	1500	9	260	270	0,05	3,0
402 x 592 x 292	1750	1250	12	220	200	0,07	4,0
490 x 592 x 292	2000	1500	14	210	180	0,08	5,5
592 x 592 x 292	3000	2500	18	260	200	0,1	3,8