

## PFO/E / PFO/S / PFO/H



	PFO/E	PFO/S	PFO/H
Class ISO 16890 Coarse	50%	60%	65%
Class EN 779:2012	G3	G4	G4
Suggested final pressure drop	200 Pa	200 Pa	200 Pa
Maximum pressure drop	250 Pa	250 Pa	250 Pa
Maximum operating temperature	90 °C	90 °C	90 °C
Maximum relative humidity	100%	100%	100%
Synthetic fibre filter medium	SF 200	SF 270	SF 450

The PFO/E - PFO/S - PFO/H panel filters are synthetic pleated pre-filters made in different thicknesses, efficiency rates and sizes to meet the various technical requirements. The pleated synthetic medium guarantees a larger filtering surface compared to the flat synthetic panel. The regenerable medium allows to use the filter for a long time thus reducing management cost.

#### MATERIAL AND FINISH

- Frame in galvanized steel sheet.
- Two electrically welded grids in galvanized steel holding the medium.

#### APPLICATION

- In air handling units as the first filtration stage.
- Specific frames, model CT or CTA (see page 109), securing the filters inside with metal clips.
- MULTIMOD duct housing (see page 102).

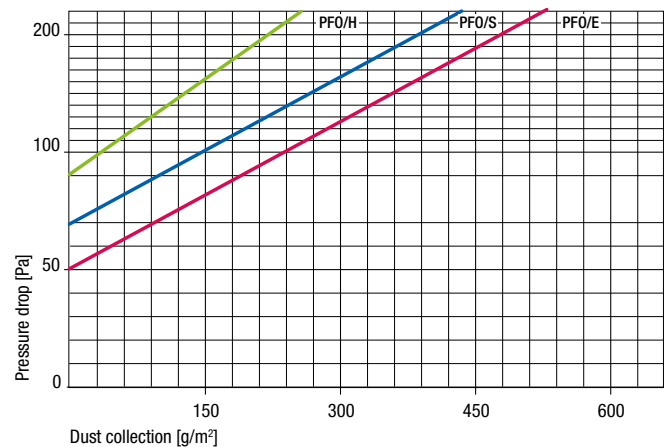
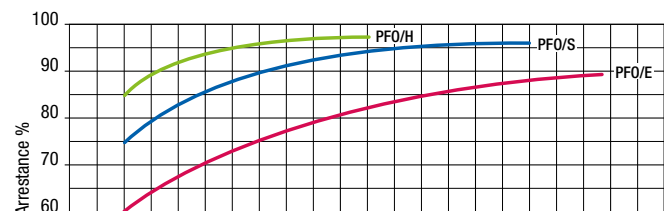
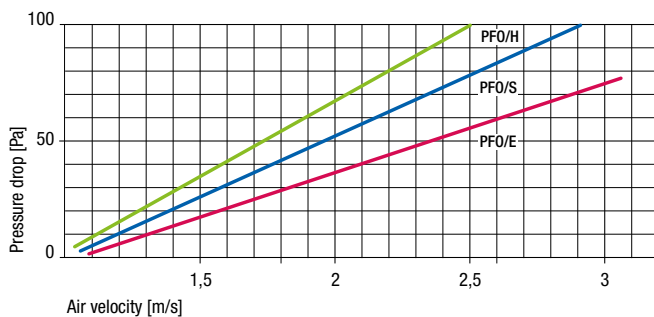
#### VERSIONS

- ATEX II 2 GD T6.
- AISI 304 stainless steel grids and frame.

#### ACCESSORIES

- Gasket on air inlet side.
- Gasket on air outlet side.

### CHARACTERISTIC CURVES



# PFO/E / PFO/S / PFO/H

## DIMENSIONS AND TECHNICAL DATA

### Velocity 2,5 m/s

Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m <sup>2</sup> ]	Initial pressure drop [Pa]			PFO/E	PFO/S	PFO/H
L	H	W	[m <sup>3</sup> /h]	[l/s]	[ft <sup>3</sup> /min]		PFO/E	PFO/S	PFO/H	€	€	€
592	290	48	1400	389	824	0,32	50	70	90		•	
400	400	48	1350	175	795	0,3	50	70	90		•	
500	400	48	1650	458	971	0,38	50	70	90		•	
624	400	48	2100	583	1236	0,47	50	70	90		•	
500	500	48	2100	583	1236	0,47	50	70	90		•	
624	500	48	2600	722	1530	0,58	50	70	90		•	
592	490	48	2400	667	1413	0,53	50	70	90		•	
592	592	48	3000	833	1766	0,66	50	70	90		•	
610	610	48	3400	944	2000	0,68	50	70	90		•	

- Products in stock

### Velocity 3,5 m/s

Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m <sup>2</sup> ]	Initial pressure drop [Pa]			PFO/E	PFO/S	PFO/H
L	H	W	[m <sup>3</sup> /h]	[l/s]	[ft <sup>3</sup> /min]		PFO/E	PFO/S	PFO/H	€	€	€
592	290	98	2000	555	1177	0,51	60	90	110		•	
400	400	98	1850	513	1089	0,48	60	90	110		•	
500	400	98	2300	639	1354	0,6	60	90	110		•	
624	400	98	2900	805	1707	0,75	60	90	110		•	
500	500	98	2900	805	1707	0,93	60	90	110		•	
624	500	98	3700	1028	2178	0,93	60	90	110		•	
592	490	98	3330	925	1960	0,87	60	90	110		•	
592	592	98	4200	1166	2472	1,05	60	90	110		•	

- Products in stock

With face air velocities other than those specified, the pressure drops will vary proportionately.

