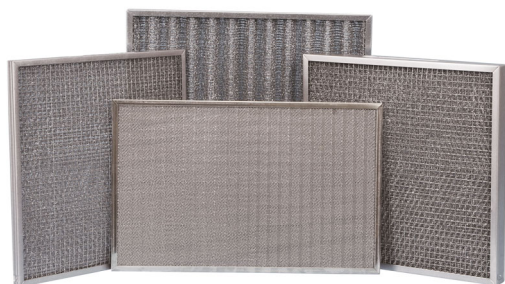


## PFI / PFM / PFO/M



	PFI	PFM	PFO/M
Class ISO 16890 Coarse	40%	35%	20%
Class EN 779:2012	G3	G2	G2
Suggested final pressure drop	150 Pa	150 Pa	150 Pa
Maximum operating temperature	300° C	250° C	250° C
Maximum relative humidity	100%	100%	100%

The PFI - PFM - PFO/M panel filters are metal pre-filters suitable for working in environments with high coarse dust concentration and where a high resistance to high temperatures is required (up to 250° C).

The low pressure drop level of these filters assures modest extraction fan energy consumption rates.

### MATERIAL AND FINISH

- PFI
  - AISI 304 stainless steel frame
  - AISI 304 stainless steel medium made up of micro-stretched sheet-steel.
  - AISI 304 stainless steel micro-stretched grids on both sides.
- PFM - PFO/M
  - Frame in galvanized steel con electrically welded holding grids.
  - Galvanized steel medium in flat wire metal mesh.
  - Protective grids on both sides electrically welded in galvanized steel, 12x12 mm mesh.

### PFO/M

- Medium positioned in a pleated way
- Protective grids on both sides electrically welded in galvanized steel, 12x24 mm mesh.

### APPLICATION

- Hot air generators for civil and industrial facilities.
- Ventilation of electric motors and industrial machinery.
- Oily mists separators filtration walls for industrial systems.
- Plants for mobile vehicles subject to vibrations.
- Extractions from hoods of professional kitchens.

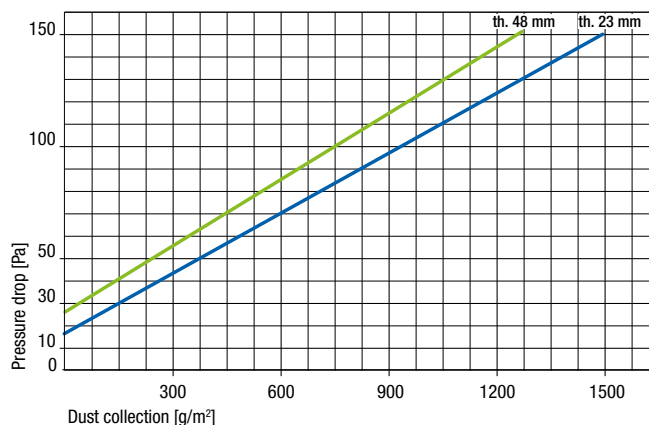
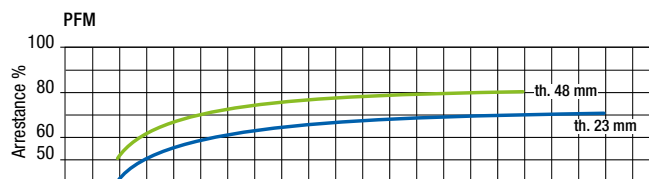
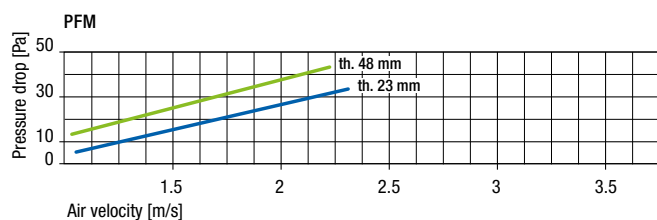
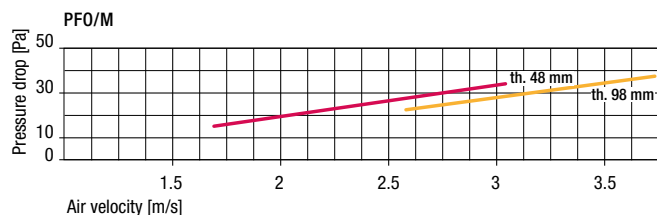
### VERSIONS

- ATEX II 2 GD T6.
- PFM/A Aluminium frame and grid.
- PFM/S AISI 304 stainless steel frame and grid.

### ACCESSORIES

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

### CHARACTERISTIC CURVES



# PFI / PFM / PFO/M

## DIMENSIONS AND TECHNICAL DATA

Velocity 0,45 m/s

Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m <sup>2</sup> ]	Initial pressure drop [Pa]	PFI €
L	H	W	[m <sup>3</sup> /h]	[l/s]	[ft <sup>3</sup> /min]			
500	250	12	400	111	235	0,12	15	
400	400	12	540	150	318	0,16	15	
500	400	12	660	183	388	0,2	15	
624	400	12	830	230	489	0,25	15	
500	500	12	830	230	489	0,25	15	
624	500	12	1050	291	618	0,31	15	

Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m <sup>2</sup> ]	Initial pressure drop [Pa]	PFM €
L	H	W	[m <sup>3</sup> /h]	[l/s]	[ft <sup>3</sup> /min]			
592	290	23	850	236	500	0,17	15	
500	400	23	1000	278	589	0,2	15	•
624	400	23	1250	347	736	0,25	15	•
500	500	23	1250	347	736	0,25	15	•
624	500	23	1570	436	924	0,31	15	•
592	592	23	1800	500	1059	0,35	15	
592	290	48	850	236	500	0,17	25	
500	400	48	1000	278	589	0,2	25	
624	400	48	1250	347	736	0,25	25	
500	500	48	1250	347	736	0,25	25	
624	500	48	1570	436	924	0,31	25	
592	592	48	1800	500	1059	0,35	25	

- Products in stock

Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m <sup>2</sup> ]	Initial pressure drop [Pa]	PFO/M €
L	H	W	[m <sup>3</sup> /h]	[l/s]	[ft <sup>3</sup> /min]			
592	290	48	1400	389	824	0,32	25	
500	400	48	1650	458	971	0,38	25	
624	400	48	2100	583	1236	0,47	25	
500	500	48	2100	583	1236	0,47	25	
624	500	48	2600	722	1530	0,58	25	
592	592	48	3000	833	1766	0,66	25	

