

PFI - PFM - PFO/M

Prices on request

Technical features

Product	PFI	PFM	PFO/M
EN 779 classification	G3	G2	G2
EUROVENT classification	EU 3	EU 2	EU 2
Maximum operating temperature	300 °C	250 °C	250 °C



PFI - PFM - PFO/M metal filter panels are special products suitable for heavy duty applications.

PFI models are grease-proof panels suitable for installation in the extractor hoods of professional kitchens. They have an AISI 304 stainless steel frame with medium in AISI 304 stainless steel as well, with micro-stretched sheet-steel. These filters have a high oil and grease holding capacity and are totally re-generable. They are mechanically very strong and can work at temperatures up to 300°C.

PFM - PFO/M models have a galvanized steel frame with electrically welded grids on both sides; the medium is in galvanized steel, with flat wire metal mesh. The low pressure drop level of these filters assures modest extraction fan energy consumption rates.

The aluminum version, PFM/A model and the AISI 304 stainless steel, PFM/S model, are also available on request

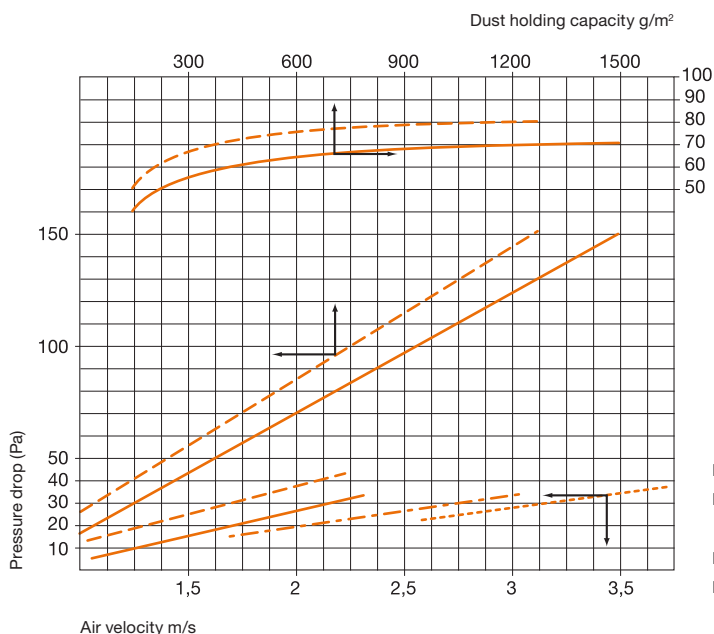
PFM and PFO/M filters are suitable for strong concentrations of dust in the air and where you need high resistance to high temperatures (up to 250°C.):

- Hot air generators for civil and industrial facilities
- Electric motors and industrial machineries ventilation
- Oily mists separators
- Filtration walls for industrial systems
- Plants for mobile vehicles subject to vibrations

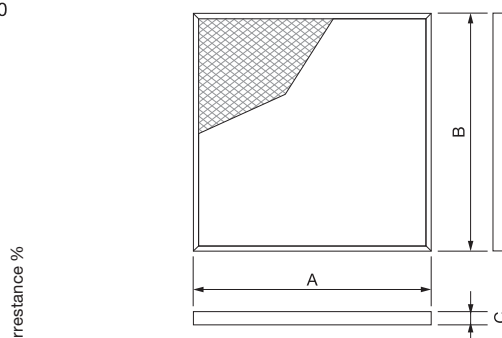
Type	Dimensions (mm)			Nominal air flow rate Q		Filtering surface	Initial pressure drop	PFI
	A	B	C	m³/h	m³/s x 10 ⁻³ *	m²	Pa	€
PFI	250	500	12	400	111	0,12	15	
PFI	400	400	12	540	150	0,16	15	
PFI	400	500	12	660	183	0,20	15	
PFI	400	625	12	830	230	0,25	15	
PFI	500	500	12	830	230	0,25	15	
PFI	500	625	12	1050	291	0,31	15	
								PFM €
PFM	290	592	23	850	236	0,17	15	
PFM	400	500	23	1000	278	0,20	15	✓
PFM	400	624	23	1250	347	0,25	15	✓
PFM	500	500	23	1250	347	0,25	15	✓
PFM	500	625	23	1570	436	0,31	15	✓
PFM	592	592	23	1800	500	0,35	15	
PFM	290	592	48	850	236	0,17	25	
PFM	400	500	48	1000	278	0,20	25	
PFM	400	625	48	1250	347	0,25	25	
PFM	500	500	48	1250	347	0,25	25	✓
PFM	500	625	48	1570	436	0,31	25	
PFM	592	592	48	1800	500	0,35	25	
								PFO/M €
PFO/M	290	592	48	1400	389	0,32	25	
PFO/M	400	500	48	1650	458	0,38	25	
PFO/M	400	625	48	2100	583	0,47	25	
PFO/M	500	500	48	2100	583	0,47	25	
PFO/M	500	625	48	2600	722	0,58	25	
PFO/M	592	592	48	3000	833	0,66	25	

✓ Product ready in Stock / *1 m³/s x 10⁻³ = 1 l/s

Typical curves



Technical draft



- PFM thickness 48 mm ————
- PFM thickness 23 mm ————
- PFO/M thickness 48 mm ————
- PFO/M thickness 98 mm ————