

## PRODUCT DATA SHEET FP PLEATED PANEL PRE-FILTER

## **APPLICATIONS**

The FP pleated panel filter is designed for use as a pre-filter for protection of secondary filters and/or other key system components. These filters are commonly found as pre-filters in general use for HVAC systems where a balance between economy and effective protection is key. The filter can also be selected for use as a single filter stage.

## CONSTRUCTION

Standard pleated panel filter construction consists of a robust card frame into which a core of pleated nonhygroscopic and hydrophobic pleated filter media is bonded. The filter media is manufactured with a graded fibre density to ensure optimum and even dust retention and features a thermally bonded steel support mesh for even pleat spacing and maximum stability in use. The aero-dynamic pleated design ensures a low resistance to air flow.

Galvanised steel outer frame construction is also available for applications in which humidity or moisture precludes card cased filters.





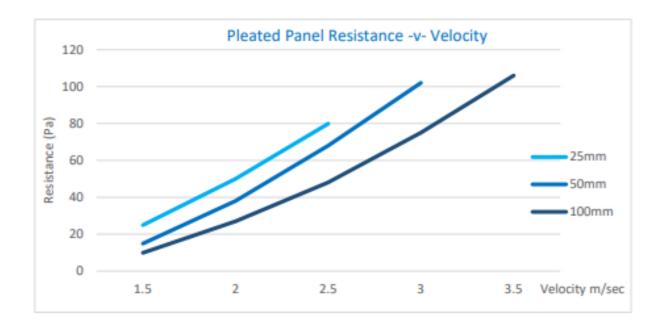
- ePM COARSE 60-70% (ISO16890)
- G4 (EN779:2012)
- CONSISTENTLY LOW
  DIFFERENTIAL PRESSURE
- CARD OR GALVANISED STEEL
  CASE
- LONG LIFE & ROBUST
  CONSTRUCTION
- STANDARD & BESPOKE SIZES

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Nominal	Rated face	Efficiency	Efficiency	Initial	Final	Max. humidity	Max. temperature
depth (mm	) velocity (m/sec)	(ISO16890)	(EN779:2012)	resistance	resistance	(% RH)	(°C)
				(Pa)	(Pa)		
25	1.5	Coarse 60-70%	G4	25	250	80	80
45	2.0	Coarse 60-70%	G4	38	250	80	80
97	3.2	Coarse 60-70%	G4	78	250	80	80



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