

## 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 non-hygroscopic 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

Nominal depth (mm)	Rated face velocity (m/sec)	Efficiency (ISO16890)	Efficiency (EN779:2012)	Initial resistance (Pa)	Final resistance (Pa)	Max. humidity (% RH)	Max. temperature (°C)
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

