

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.



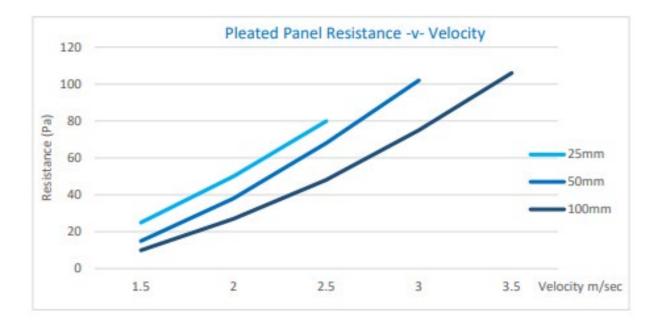
- ePM COARSE 60-70% (ISO16890)
- G4 (EN779:2012)
- CONSISTENTLY LOW
 DIFFERENTIAL PRESSURE
- CARD OR GALVANISED STEEL
 CASE
- LONG LIFE & ROBUST
 CONSTRUCTION
- STANDARD & BESPOKE SIZES

WESTBURY.GROUP +44 (0)1282 459744

WESTBURY FILTERMATION LTD, UNIT 1 SANDRINGHAM COURT, NETWORK 65, BURNLEY, LANCASHIRE ,BB11 5TD



| 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 |



Revision 0

WESTBURY.GROUP +44 (0)1282 459744

WESTBURY FILTERMATION LTD, UNIT 1 SANDRINGHAM COURT, NETWORK 65, BURNLEY, LANCASHIRE ,BB11 5TD