



Product Data Sheet

FP Pleated G4 Panel Filter

APPLICATIONS

The FP Pleated Panel is suitable for use as a pre-filter for higher grades of air filtration or for use as a simple filter for general use within air handling systems where the use of glass-fibre is unacceptable.

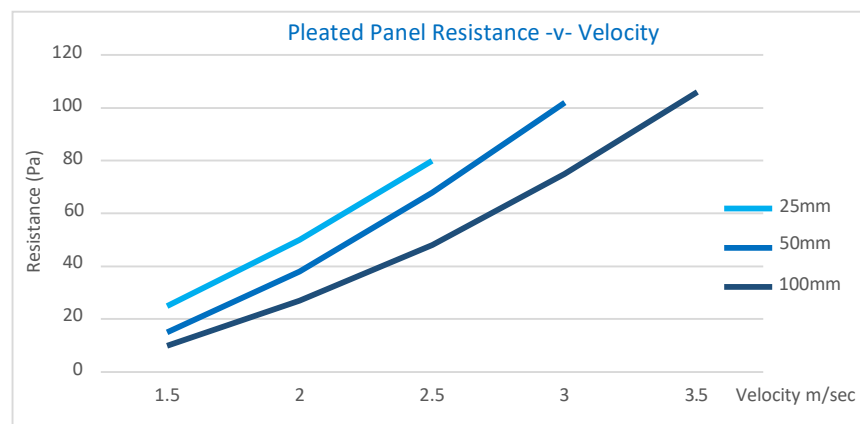
CONSTRUCTION

The FP Pleated Panel contains a core of pleated non-hygroscopic and hydrophobic fibrous media designed specifically for use in air filtration. The media is manufactured with a graded fibre density to ensure optimum and even dust retention combined with low initial resistance and is thermally bonded onto a galvanised steel support mesh for maximum physical stability. The aerodynamic pack is then fully bonded into a moisture resistant rigid white lined card frame and fitted with an airflow indicator.



- Pre-filtration with low air resistance yet maximum protection
- Available in a vast range of sizes
- Bespoke sizes readily available
- Long life and robust construction
- Fully incinerable for easy disposal
- Economical
- Made in Britain

Filter Reference	Nominal size (mm)	Rated Velocity (m/sec)	Efficiency rating (EN779)	Initial resistance at rated Velocity (pa)	Rated final resistance (pa)	Maximum Humidity	Maximum temp (°C)
FP-PL1	25	1.5	G3	25	250	80% RH	80
FP-PL2	50	2.0	G4	38	250	80% RH	80
FP-PL4	100	3.2	G4	78	250	80% RH	80





Standard Sizes & Capacities

FP Pleated G4 Panel Filter					
Nominal Imperial Dimensions (inches)	Actual Metric Dimensions (mm)			Capacity (m ³ /hr)	Initial Resistance (Pa)
	H	W	D		
10x10x1	245	245	22	324	25
12x12x1	295	295	22	470	25
15x15x1	378	378	22	772	25
18x18x1	445	445	22	1,069	25
20x10x1	496	240	22	643	25
20x15x1	497	375	22	1,006	25
20x16x1	496	394	22	1,055	25
20x20x1	496	496	22	1,328	25
24x12x1	592	298	22	953	25
24x20x1	594	496	22	1,591	25
24x24x1	596	596	22	1,918	25
25x16x1	623	395	22	1,329	25
25x20x1	622	495	22	1,663	25
10x10x2	245	245	48	432	38
12x12x2	295	295	47	627	38
15x15x2	378	378	47	1,029	38
18x18x2	445	445	47	1,426	38
20x10x2	496	240	47	857	38
20x15x2	497	375	47	1,342	38
20x16x2	496	394	47	1,407	38
20x20x2	495	495	47	1,764	38
24x12x2	592	298	47	1,270	38
24x20x2	594	495	47	2,117	38
24x24x2	596	596	47	2,558	38
25x16x2	623	395	47	1,772	38
25x20x2	622	495	47	2,217	38
10x10x4	245	245	97	691	78
12x12x4	295	295	97	1,003	78
15x15x4	378	378	97	1,646	78
18x18x4	445	445	97	2,281	78
20x10x4	496	240	97	1,371	78
20x15x4	497	375	97	2,147	78
20x16x4	495	393	97	2,241	78
20x20x4	495	495	97	2,823	78
24x12x4	594	295	97	2,019	78
24x20x4	598	495	97	3,410	78
24x24x4	594	594	97	4,065	78
25x16x4	622	396	97	2,838	78
25x20x4	622	494	97	3,540	78