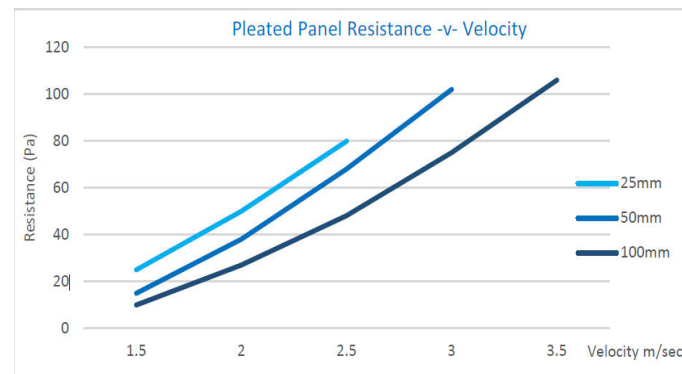


## Card Cased Pleated Panel Filters

### G4 Panel Filter



- ePM Coarse 60% to ISO 16890
- 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
- Made in Britain



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)
25	1.5	G3	25	250	80% RH	80
50	2.0	G4	38	250	80% RH	80
100	3.2	G4	78	250	80% RH	80

#### APPLICATIONS

The G4 Pleated Panel is suitable for use as a prefilter 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 G4 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.

## Card Cased Pleated Panel Filters

### F6 | F7 | F8 Panel Filter



- In 50mm and 100mm nominal depths
- In various efficiencies
- Robust construction
- Wide range of standard sizes
- Can be manufactured to size
- Suits numerous applications
- Low replacement cost
- Made in Britain



#### APPLICATIONS

The F6, F7 and F8 Pleated panel range has been designed to provide a high level of filtration where the depth allowance within the air-handling unit is constrained. This product provides a high level of protection at a low replacement cost. The product is suitable for use in general filtration applications or as the first line of protection for a more elaborate filtration system. Being fully incinerable it is particularly suited for application where this form of disposal of the spent filter is indicated.

#### CONSTRUCTION

The product is constructed with a core of high grade synthetic micro-fibre laminated to a pleated expanded wire grid. The pleated element is then bonded into a full bonded water repellant card case to produce a rigid assembly. The final filter is fitted with an airflow indicator.

ASHRAE Efficiency	Nom Depth (mm)	Flow Rate (m3/hr)	Media Colour	Initial Resistance at RV (pa)
60-80%	50	865	Green	75
60-80%	100	1730	Green	75
80-90%	50	865	Pink	85
80-90%	100	1730	Pink	85
90-95%	50	865	Yellow	100
90-95%	100	1730	Yellow	100

If you need any further information, please get in touch at [info@dustspares.co.uk](mailto:info@dustspares.co.uk) or calling us on 03456 800 696