

Pleated Panel Filters

High Standards of Protection for HVAC Systems



CLEAN
AIR



POWER
GENERATION



CLEAN
ROOM



INDUSTRIAL

With a concertinaed synthetic media, the MANN+HUMMEL range of Pleated Panel filters packs more into less. Offering superior performance over standard panel filters, our Pleated Panels enclose a far greater volume of filtering material into their chipboard cases.

Not only does this afford a larger media surface area, providing longer life and higher dust holding capacity, but it also strengthens the entire filter, improving stability and assuring performance in operation.

KEY FACTS

- Compact design: For simple storage, installation, handling and removal
- Synthetic media: No fibre loss or shedding
- Specially-finished support grid: Eliminates oxidation
- Chemically bonded media and support grid: Ensures pleat stability throughout operational life
- High arrestance coupled with small particle control: Suitable for critical applications



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Technical Data

CONSTRUCTION

IF2 filters are manufactured with profile pleated synthetic media, laminated onto an 'expanded diamond' grid with 98% open area. The support grid has a special finish to prevent oxidation. To ensure pleat stability throughout the installed life of the filter, the media is chemically bonded to the support grid.

Supervee panel filters are manufactured from pleated Veelon media, backed with expanded diamond grid to provide maximum support and retained in a grid cardboard frame 50mm deep.

Where added strength is required, Supervee panel filters can be supplied with reinforced hardboard cases. They are available as 50 or 100mm deep panels and in a range of sizes suitable for most applicants.

Multivee 99 similar to Supervee panels, but employing two stage filtration by the addition of a pad of Veeglass media to improve performance. Where added strength is required, Multivee 99 panel filters can be supplied with reinforced hardboard cases. They are available as 50 or 100mm deep panels and in a range of sizes suitable for most applicants.

Performance Chart

Product	Depth mm	Vel m/s Rating	Clean Pressure Drop	EN 779 Rating	Avg. Arr
IF2	47	1.85	35	G4	90%
IF2	98	2.6	70	G4	90%
S/Vee	47	1.85	50	G4	90%
M/Vee 99	47	1.85	65	G4	92%

Maximum recommended final pressure: 250 Pascals

