

Hydro Pleat-Z - Self supporting Panel Filters

HYDRO PLEAT-Z filters are a new generation filter that replaces conventional pre filters. Hydro pleat-Z filters are offered in G4 and M5 efficiency grades. A new generation synthetic media strengthened using a special treatment offers a G4 / M5 filtration efficiency and is an ideal pre-filter for AHUs and Gas Turbine Intake systems operating in high humid environments like offshore installations. Filter media is completely self supporting and hence is a complete "METAL FREE" filter.

Aerofil Models

Hydro Pleat-Z

Synthetic Panel Filters
G4 and M5 Grade
Complete Metal free construction
UL Classified product

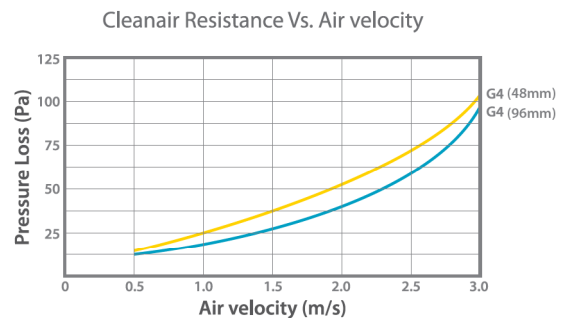


Media Features and Technical Details

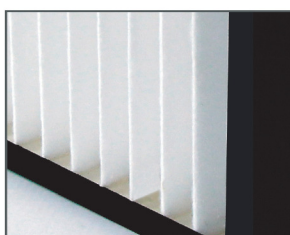
- 100% polyester nonwoven media with special stiff treatment
- Low Initial Pressure drop
- Extended Surface Construction
- Available in pleated panels of 2", 4" and 6" as standard
- Cleanable filter media
- Total Metal free construction, so 100% incinerable
- Polystyrene Frame, Mesh support & Pleat Separators give rigidity
- Polyurethane potting assures zero air bypass & burst strength

Selection Chart ▼

Filter Model	FHP4-2	FHP4-4
Depth (mm)	48	96
Grade: EN 779 / Eurovent	G4	G4
Ave. Dust Spot Eff.	25-30%	25-30%
Ave. Arrestance	94%	94%
Face Velocity (m/s)	2.5	2.5
Initial Resist. (Pa)	70	60
Final Resist. (Pa)	250	250



Salient Features ▼



Polyurethane Potting



Plastic Separators



Plastic Grid on ALS



- Recommended Final Resistance : 450 Pa
- Temperature / Humidity - 70 ° C / 100%

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

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