

Aero Hydro Pleat - Hydrophobic Panel Filters

AERO HYDRO PLEAT filters are a new generation filter that replaces conventional coalescer filters. Hydro pleat filters are offered in G4 and M5 efficiency grades. A new generation hydrophobic Synthetic Media with a special coating offers 100% removal of water mist from the air combined with a G4/M5 filtration efficiency is an ideal pre-filter for AHUs and Gas Turbine Intake systems operating in high humid environments like offshore installations. Aero Hydro pleat is a 100% coalescer filter which can challenge any competitive brands.

Aerofil Models

Aero Hydro Pleat

Hydrophobic Synthetic Panel Filters
 G4 Grade and 100% moisture arresntance
 Complete Metal free construction
 Ideal for off shore applications
 Certified UL product

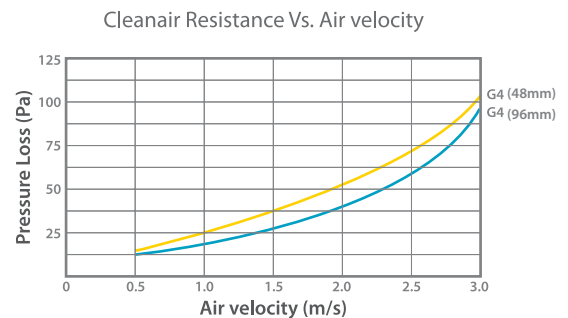


Media Features and Technical Details

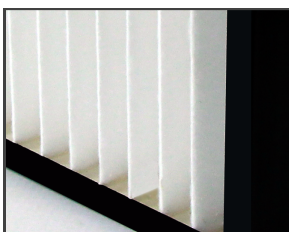
- 100% polyester nonwoven media with special hydrophobic treatment
- Cleanable filter media
- Low Initial Pressure drop
- Total Metal free construction, so 100% incinerable
- Extended Surface Construction
- Polystyrene Frame, Mesh support & Pleat Separators give rigidity
- Available in pleated panels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

Selection Chart ▼

Filter Model	AHPZ4-2	AHPZ4-4
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



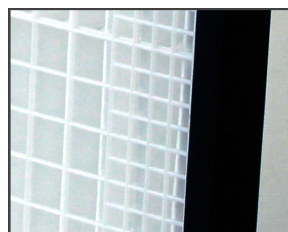
Salient Features ▼



Polyurethane Potting



Plastic Separators



Plastic Grid on ALS

- Recommended Final Resistance : 450 Pa
- Temperature / Humidity - 70 ° C / 100%
- Gasket - Single Piece or Flat type

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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