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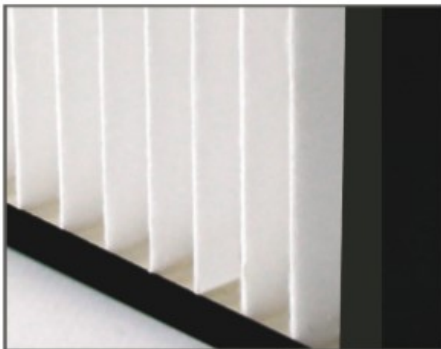
Hydro Pleat—Hydrophobic Synthetic Panel Filters

HYDRO PLEAT filters are a new generation filter that replaces conventional coalescer filters. Hydro pleat filters are offered in G4 (MERV 8) and M5 (MERV 10) 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 (MERV 8 to MERV 10) filtration efficiency is an ideal pre-filter for AHUs and Gas Turbine Intake systems operating in high humid environments like offshore installations. The Hydro pleat is a 100% coalescer filter which can challenge any competitive brands.

MERV 8 OR MERV 10
100% moisture Arrestance
Complete Metal free construction
Ideal for off shore applications

Media Features and Technical Details

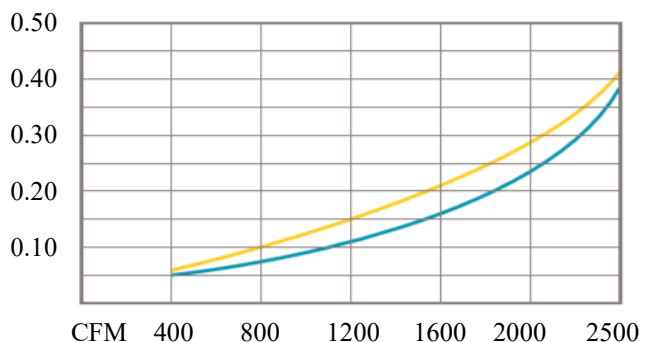
100% polyester nonwoven media with special hydrophobic treatment
 Available in pleated panels of 2", 4" and 6" as standard
 Cleanable filter media, Low Initial Pressure drop, Extended Surface Construction
 Total Metal free construction, so 100% incinerable Polystyrene Frame
 Mesh support & Pleat Separators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



Filter Model	HYDRO 24 x 24 x 2	HYDRO 24 x 24 x 4
ASHRAE 52.2	MERV 8	MERV 8
EN779	G4	G4
Avg. Dust Spot Efficiency	25-30%	25-30%
Average Arrestance	94%	94%
Rated CFM	2000	2000
Initial Resistance	0.28" w.g.	0.24" w.g.
Final Resistance	1.0" w.g.	1.09" w.g.
Max Temp	70 C / 158 F	

Resistance
In. w.g.

Air Flow VS Pressure Drop



Yellow= 2" Filter Blue= 4" filter