

## Aero Hydro Pleat - Hydrophobic Panel Filters

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. Hydro pleat is a 100% coalescer filter which can challenge any competitive brands

### Hydro Pleat

Hydrophobic Synthetic Panel Filters  
 G4 Grade and 100% moisture arrestance  
 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
- Low Initial Pressure drop
- Extended Surface Construction
- Available in pleated panels of 48 mm and 98 mm 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

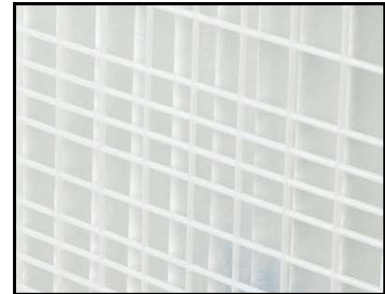
### Salient Features



Polyurethane Potting



Plastic Separators



Plastic Grid on ALS

### SELECTIONS CHART

Part Number	Efficiency	Arrestance %	Size (mm)	Airflow L/S @ 150Pa	Resistance Pa	
					Initial	Final
6-0051	G4 / Merv 8	94	595 x 295 x 48	472	70	250
6-0052	G4 / Merv 8	94	595 x 595 x 48	944	70	250
6-0053	G4 / Merv 8	94	595 x 295 x 98	472	60	250
6-0054	G4 / Merv 8	94	595 x 595 x 98	944	60	250