

Filtro Hydro Pleat

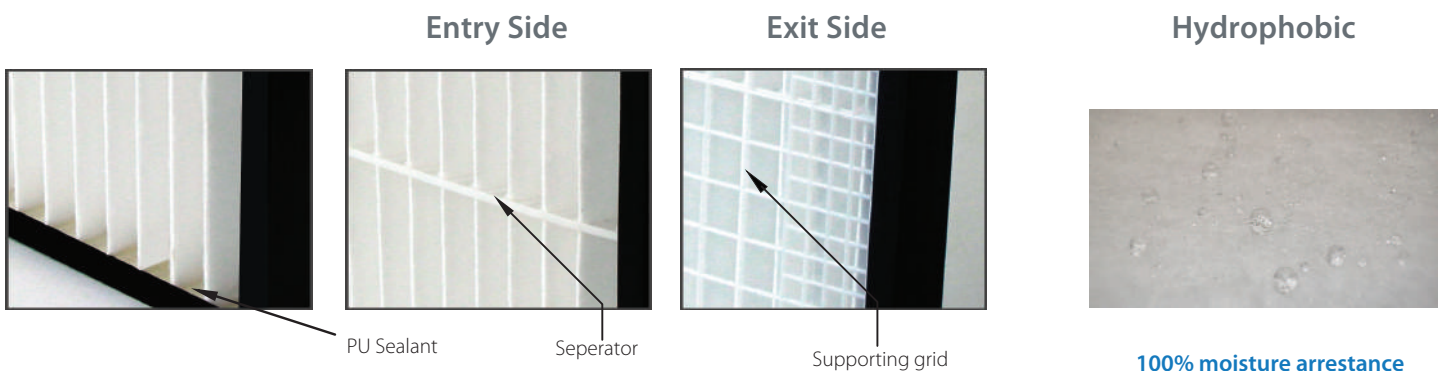
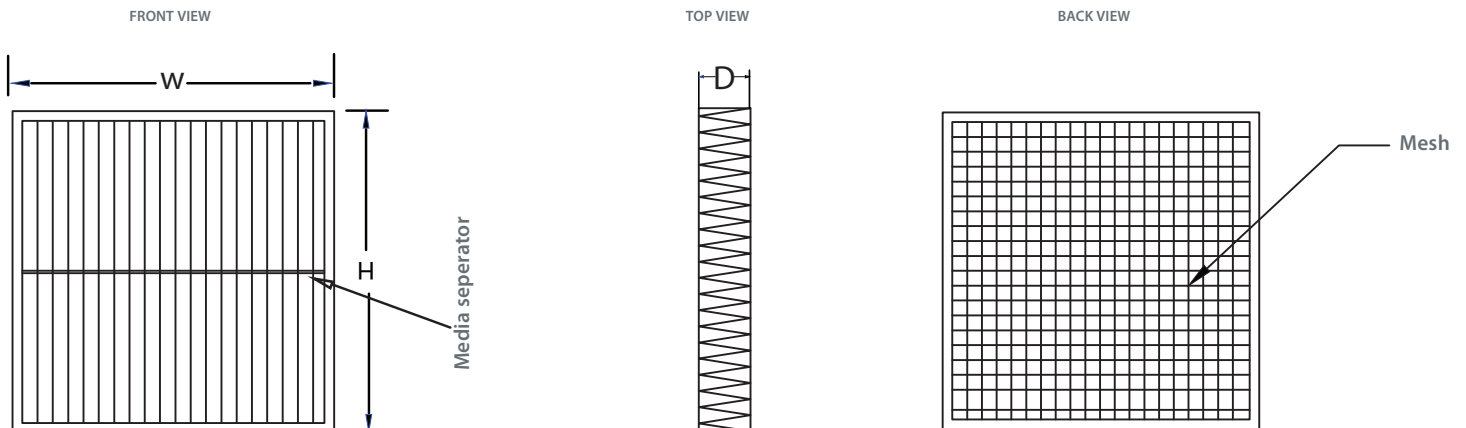
Hydrophobic Panel Filter



Key Features

- **100% polyester nonwoven media with special hydrophobic treatment**
 - Low initial pressure drop
 - Extended surface construction
 - Available in pleated panels of 2", 4" and 6" as standard depth
 - Washable filter
 - Total metal free construction, so 100% incinerable
 - 100% leak proof
 - **UL Listed**
- ▼ **Filter Standard** ASHRAE 52.2 / EN 779 / ISO 16890
 - ▼ **Frame Type** Plastic / GI
 - ▼ **Media** Synthetic fiber
 - ▼ **Max. Operating Temperature** 75°C / 167°F
 - ▼ **Humidity** 100%
 - ▼ **Final Pressure Drop** 250 Pa / 1" WG
 - ▼ **Standard Depth** 2"-4"-6" / 48-98-150mm
 - **G4 grade & 100% moisture arrestance**

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

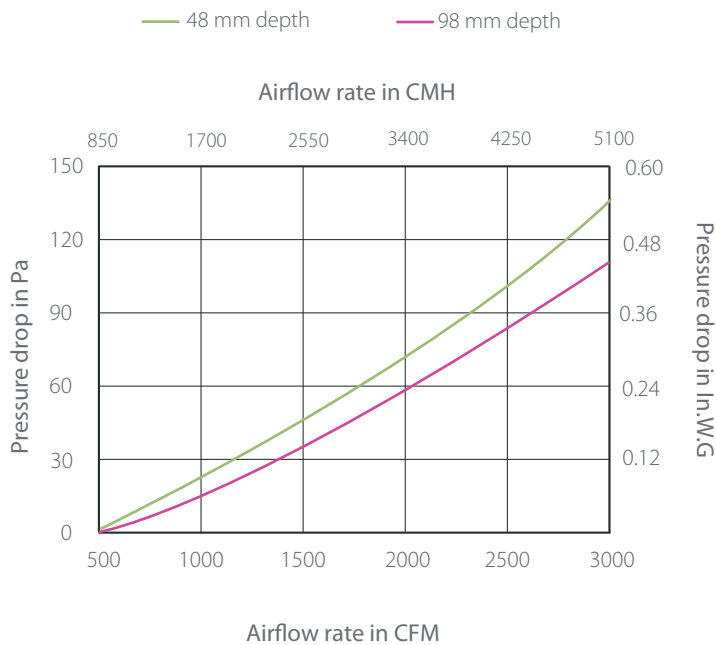




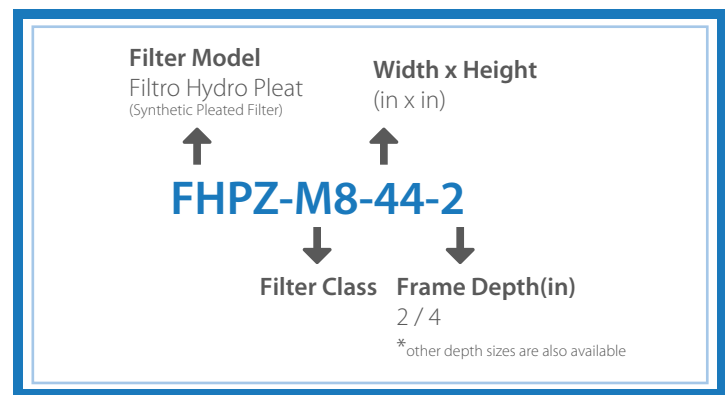
Performance Data

Filter Model	Nominal Size (in)	Actual Size (in)	Actual Size (mm)	ASHRAE 52.2 / EN 779 : 2012	Arrestance (%)	Rated Air Flow (CMH/CFM)	Initial Resistance (Pa / in.WG)
FHPZ-M8-44-2	24X24X2	23.31X23.31X1.88	592X592X48	MERV 8/G4	94	3400/2000	70/0.28
FHPZ-M8-24-2	12X24X2	11.3X23.31X1.88	287x592x48	MERV 8/G4	94	1700/1000	70/0.28
FHPZ-M8-44-4	24X24X4	23.31X23.31X3.85	592X592X98	MERV 8/G4	94	3400/2000	60/0.24
FHPZ-M8-24-4	12X24X4	11.3X23.31X3.85	287x592x98	MERV 8/G4	94	1700/1000	60/0.24

Airflow vs Initial Resistance



Model Details Breakdown



Frame	Plastic / GI
Media	Synthetic
Separator	Plastic
Sealant	Polyurethane
Standard depth	2"- 4"- 6" / 48-98-150mm
Humidity	100%
Max. operating temp.	75°C / 167°F
Colour	Blue & Black (if plastic)
Final pressure drop	250 Pa / 1" WG
Nominal air velocity	3400 CMH / 2000 CFM
Efficiency standard	ASHRAE 52.2 / EN 779 / ISO 16890

Available upon request

Single header with plastic frame - 4", 6"
Additional media efficiency

Our Group Companies and Global Network

