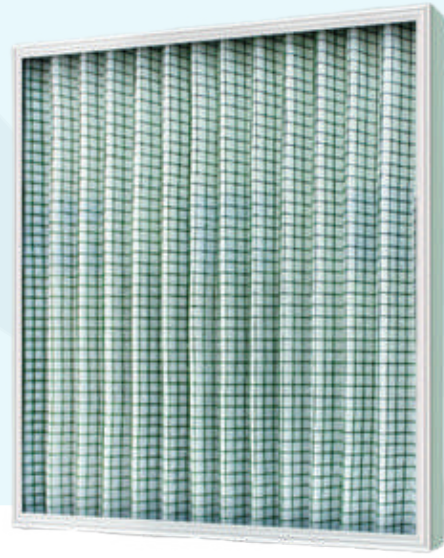


Filtro Poly Pleat

Synthetic Pre-Filter



Key Features

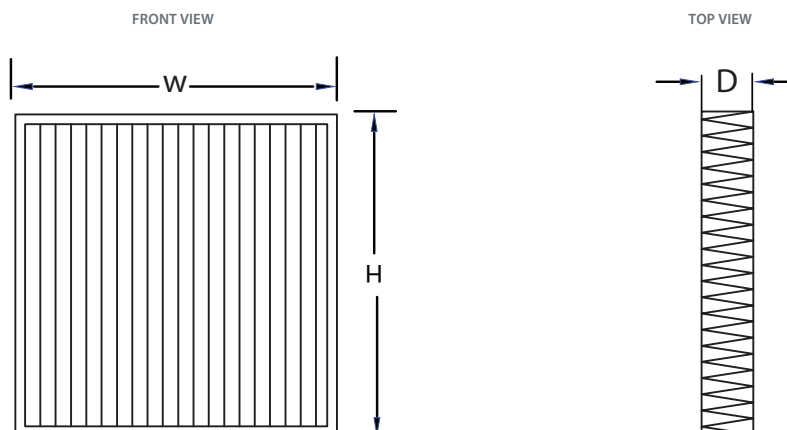
- **Washable filter**
 - Simple and light weight
 - Low pressure drop
 - Easy installation
 - Long service life
 - Lofted media with high dust holding capacity
 - **UL Listed**
- ▼ **Filter Standard** ASHRAE 52.2 / EN779 / ISO 16890
 - ▼ **Frame Type** GI / Aluminium / Plastic
 - ▼ **Media** Non-woven synthetic
 - ▼ **Efficiency** G2-F5 / MERV 2 - MERV9 / ISO Coarse \geq 30% to ISO Coarse 65%
 - ▼ **Max. Operating Temperature** 70°C / 158°F
 - ▼ **Final Pressure Drop** 250 Pa / 1" WG

Filtro Poly-Pleat filters are cleanable / washable type pleated panel filters made up of non woven, high lofted synthetic (polyester) filter media and are available in various efficiency grades ranging from G2 to F5. Poly-Pleat filters offer higher dust arrestance and dust holding capacity than the other types of similar grade panel filters. So it is an ideal pre-filter which extends the life of the high efficiency filters and it is the right choice for medium efficiency panel filter suitable for applications where secondary filters are not required. Poly-Pleat model FPPF is an ideal filter for Automotive paint booth pre-filtration. It is available in 48mm and 98mm deep box frames.

Construction

Filtro Poly-Flat are flat panel filters made up of G2/G3/G4 or F5 grade synthetic filter media. In this model, the filter media pad is encased in a metallic frame (galvanized steel or aluminium), bonded properly to ensure a leak free operation. A wire mesh having 98% open area is provided on the upstream and downstream, which reinforces & supports the filter media. These filters of FPF model filters are available in 15mm, 25mm & 48mm depths.

Filtro Poly-Pleat models are extended surface pleated filters to deal with high air velocity applications. FFP model filter utilizes G3 / G4 grade 20mm thick polyester fibers filter media in pleated form to have an extended surface area. The wire mesh support on both sides provides enough rigidity to the pleat packs and ensures pleat stability. A wire mesh having 98% open area is provided on the upstream and downstream which reinforces & support the filter media. In this model pleated media pack is encased in a metallic frame (galvanized steel or aluminium), bonded properly to ensure a leak free operation. Available in 48mm and 98 mm thickness.

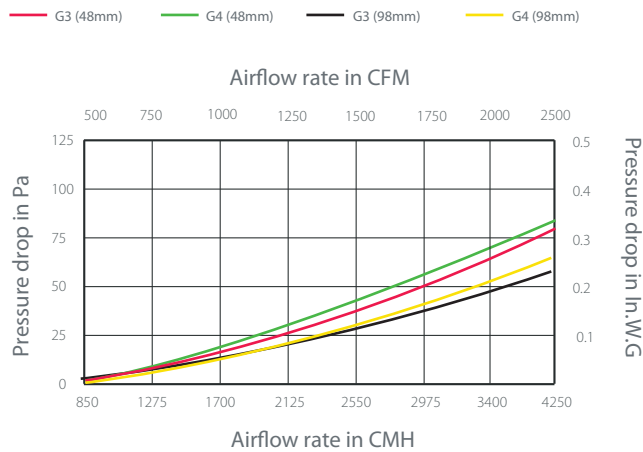




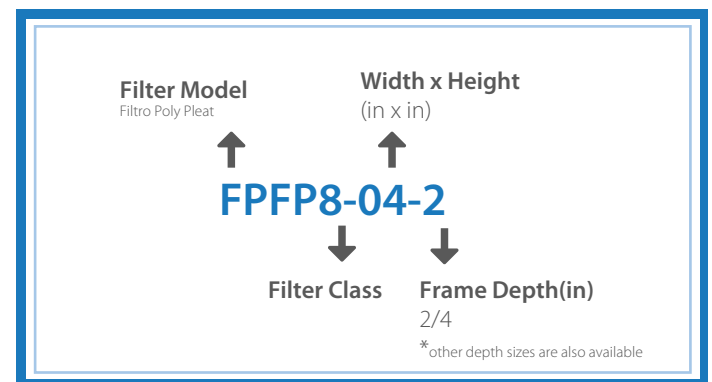
Performance Data

Filter Model	Actual Size (mm)	Actual Size (in)	Nominal Size (in)	ASHRAE 52.2 / EN 779 : 2012	Arrestance (%)	Rated Air Flow (CMH/CFM)	Initial Resistance (Pa / in.W.G)
FPF - Flat Type							
FPF5-44-1	592X592X25	23.31X23.31X0.98	24X24X1	MERV5/G3	91	3400/2000	32/0.12
FPF8-44-1	592X592X25	23.31X23.31X0.98	24X24X1	MERV8/G4	94	3400/2000	40/0.16
FPFP - Pleated							
FPFP5-44-2	592X592X48	23.31X23.31X1.88	24X24X2	MERV5/G3	91	3400/2000	60/0.24
FPFP5-24-2	287X592X48	11.3X23.31X1.88	12X24X2	MERV5/G3	91	1700/1000	60/0.24
FPFP8-44-2	592X592X48	23.31X23.31X1.88	24X24X2	MERV8/G4	94	3400/2000	70/0.28
FPFP8-24-2	287X592X48	11.3X23.31X1.88	12X24X2	MERV8/G4	94	1700/1000	70/0.28
FPFP5-44-4	592X592X98	23.31X23.31X3.85	24X24X4	MERV5/G3	91	3400/2000	48/0.19
FPFP5-24-4	287X592X98	11.3X23.31X3.85	12X24X4	MERV5/G3	91	1700/1000	48/0.19
FPFP8-44-4	592X592X98	23.31X23.31X3.85	24X24X4	MERV8/G4	94	3400/2000	58/0.23
FPFP8-24-4	287X592X98	11.3X23.31X3.85	12X24X4	MERV8/G4	94	1700/1000	58/0.23

Airflow vs Initial Resistance



Model Details Breakdown



Frame	GI / Aluminium / Plastic
Media	Non-woven Synthetic - Polyester
Temperature	70°C / 158°F Max. operating temperature
Colour	Blue & Black (If plastic frame)

Final pressure drop	250 Pa / 1" WG
Nominal air flow	3400 CMH / 2000 CFM
Efficiency standard	ASHRAE 52.2 / EN 779 / ISO 16890

Our Group Companies and Global Network

