

Filtro Pleat Z

Synthetic Pleated Filters



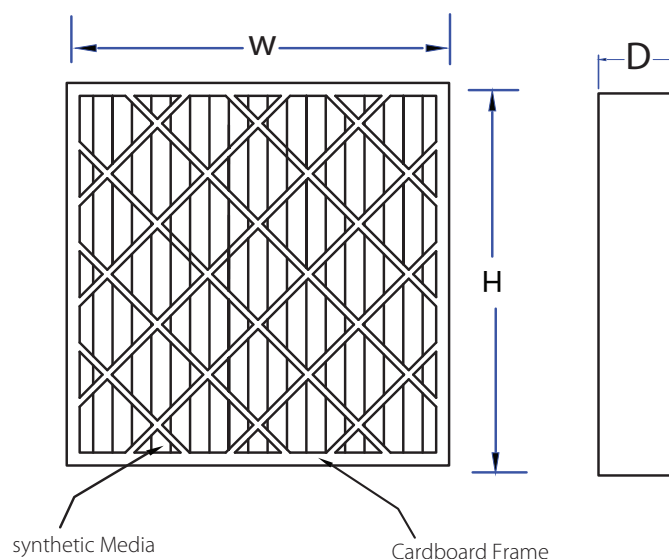
Key Features

- Simple and light weight
 - Various frame sizes with any dimensions
 - With or without grid
 - Long maintenance intervals
 - High quality filter media
 - Easy installation
 - High dust holding capacity
 - Self supporting media
- ▼ **Filter Standard** EN 799 / ASHRAE 52.2 / ISO16890
 - ▼ **Frame Type** GI / Cardboard / Plastic / Al
 - ▼ **Media** Synthetic
 - ▼ **Separator** Plastic
 - ▼ **Sealing component** PU / Hotmelt
 - ▼ **Efficiency** G2 - F5 / MERV 4 to MERV 9 / ISO Coarse $\geq 30\%$ to ISO ePM10 $\geq 65\%$
 - ▼ **Final Pressure Drop** 250 Pa / 1" WG

Filtro Pleat Z filters are cleanable/washable panel filters made of non-woven, high-loft synthetic (polyester) filter media and are available in various efficiency grades ranging from G2-F5/MERV4-MERV9. Filtro Pleat Z filters offer very high dust arrestance and dust holding capacity compare to other types of similar grade panel filters. So it is an ideal pre-filter that extends the life of the high efficiency filters and is the right choice medium efficiency panel filter suitable for applications where secondary filters are not used. The Filtro Pleat Z filters are widely used in Fan Coil Units, Packaged units and AHUs for various HVAC applications.

Construction

Filtro Pleat Z model panel filters with plastic or cardboard frame are a new generation environmentally friendly coarse filters, with 100% incinerable materials. Filters are made up of self supporting synthetic media in G3, G4 and F5 grades. Frames usually are plastic or cardboard. It contains no metal parts and hence free from corrosion too. It is an ideal choice to use as a pre-filter in air handling units. These filters offer the same efficiency like disposable pleated filters but with high dust holding capacity and low pressure drop. Filters are available in 48mm and 98mm.





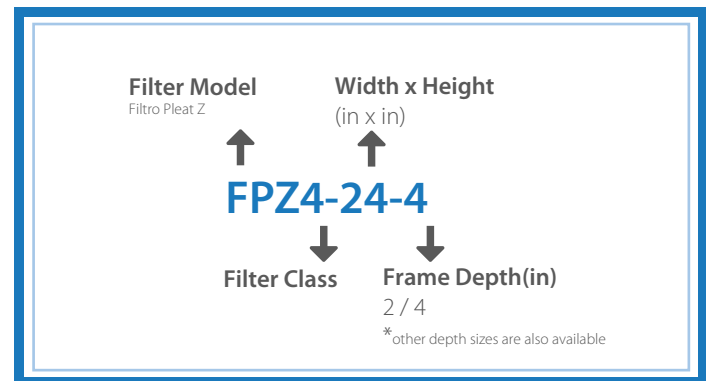
Performance Data

Filter Model	Nominal size (inches)	Actual Size		Efficiency	Rated Airflow (CMH/CFM)	Initial Pressure Drop (Pa)
		inches	mm			
FPZ3-44-2	24 X 24 X 2	23.31X 23.31X 1.88	592 x 592 x 48	G3/MERV6	3400 / 2000	50
FPZ3-24-2	12 X 24 X 2	11.3 X 23.31X 1.88	287 X 592 X 48	G3/MERV6	1700 / 1000	50
FPZ3-44-4	24 X 24 X 4	23.31X 23.31X 3.77	592 X 592 X 98	G3/MERV6	3400 / 2000	42
FPZ3-24-4	12 X 24 X 4	11.3 X 23.31X 3.77	287 X 592 X 98	G3/MERV6	1700 / 1000	42
FPZ4-44-2	24 X 24 X 2	23.31X 23.31X 1.88	592 x 592 x 48	G4/MERV8	3400 / 2000	60
FPZ4-24-2	12 X 24 X 2	11.3 X 23.31X 1.88	287 X 592 X 48	G4/MERV8	1700 / 1000	60
FPZ4-44-4	24 X 24 X 4	23.31X 23.31X 3.77	592 X 592 X 98	G4/MERV8	3400 / 2000	50
FPZ4-24-4	12 X 24 X 4	11.3 X 23.31X 3.77	287 X 592 X 98	G4/MERV8	1700 / 1000	50

Airflow vs Initial Resistance



Model Details Breakdown



Frame	Plastic / GI / Cardboard / Al
Media	Non-woven synthetic
Max. operating temp.	70°C / 158°F
Sealant	Polyurethane / Hotmelt
Frame Colour	Blue & Black (If plastic frame)
Final pressure drop	250 Pa / 1.0" WG
Nominal air flow	3400CMH / 2000CFM
Efficiency standard	ASHRAE52.2 / EN 779 / ISO 16890

Available upon request	Filtro hydropleat - 100 % moisture arrestance
	Filtro polypleat - washable type

Our Group Companies and Global Network



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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