



Pre Filter

Description

- We supply wide range of panel filters to answer the demands of our customers to remove air contamination such as coarse dust, pollen etc. as prefilters or as final filters in air conditioning applications. The high quality synthetic and glass fiber media used in Panel Filter gives optimum performance with suitable pleat height. The water resistant plastic frame provides extra assurance in high-humidity applications.
- Panel Filters are suitable for all standard application in any efficiencies and sizes. For applications requiring increased service life, please select corresponding filters out of filter range.
- Panel Filters are tested in accordance with European Standard EN779 and ISO 16890.



Pre filter (Panel type)

Key benefits

- Heavy gauge galvanized construction.
- Cleanable (For Synthetic media).
- Long service life.
- Small transportation volume.
- Low pressure drop.
- Various frame size with customized dimensions.
- Easy installation.
- Suitable for use by intake air pre-filtration in coastal, offshore and other high humidity locations (gas turbines, oil and gas industry).
- High dust holding capacity and filtration area.
- Lightweight.
- High resistance to humidity (Coalescing property).

Specification

- Standard depth : 24, 48 and 96 mm.
- Frame : Galvanized, Aluminum or Stainless steel
- Media : Synthetic or Glass fiber
- Maximum operating temperature : 70 Deg.C
- Faceguard : Witout (Available on request)
- Final pressure drop : 400 Pa
- Sealing compound : Two component polyurethane
- Burst strength : > 6000 Pa (25" wg)
- Tested as per : EN 799 and ISO 16890
- Filter class : G4 and M6

How to Order

For order codes and specifications, See "Part number" section

Application

The rugged, high dust capacity, low pressure drop features of metal mesh filters make it well suited for industries that include:

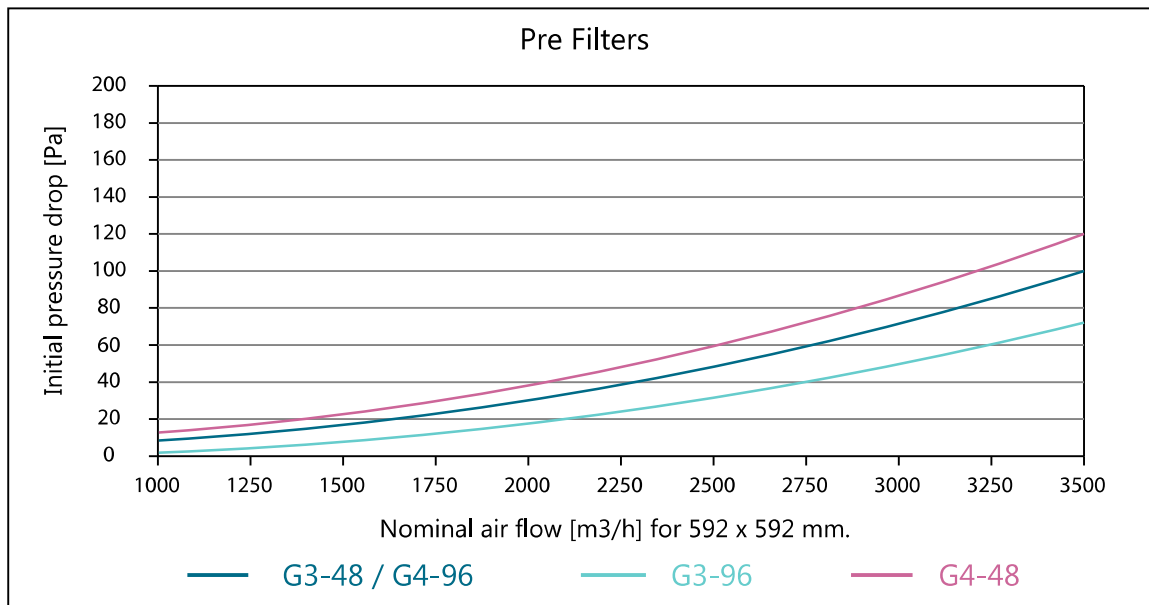
- HVAC
- Food equipment & beverage dispensers
- Pre filtration to protect final filter.
- Data Centres.
- Pharmaceutical.

Panel Filter

Part numbers

Filter Model	PFS25G3	PFS25G4	PFS25M5	PFS48G3	PFS48G4	PFS48M5	PFS94G3	PFS94G4	PFS94M5
Size (Length x Width)	592 x 592	592 x 592	592 x 592	592 x 592	592 x 592	592 x 592	592 x 592	592 x 592	592 x 592
Depth (mm)	24	24	24	48	48	48	96	96	96
Grade: EN 779 / Eurovent	G3	G4	M5	G3	G4	M5	G3	G4	M5
Average Arrestance	91%	94%	95%	83%	91%	94%	91%	94%	96%
Face Velocity (m/s)	1.5/2.5	1.5/2.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5
Initial Resistance (Pa)	35 / 75	45/90	15	65	65	75	70	85	95
Final Resistance (Pa)	250	250	450	200	250	250	250	250	250

Other dimension and depth sizes are available on request



PFS24G3			PFS48M5			PFS96G4		
Filter Model	Pre Filter	PFS	Filter Model	Pre Filter	PFS	Filter Model	Pre Filter	PFS
Depth	24 mm.	24	Depth	48 mm.	48	Depth	96 mm.	96
Filter Class	G3	G3	Filter Class	M5	M5	Filter Class	G3	G4
Size	Width x Height	592 x 592	Size	Width x Height	592 x 592	Size	Width x Height	592 x 592

All data provided in this document is non-binding. This data serves informational purposes only and is not guaranteed in any way. Depending on the subsequent specific individual projects, the relevant data may be subject to changes and will be assessed and determined individually for each project. This will depend on the particular characteristics of each individual project, especially specific site and operational conditions. Copyright © Filsure India.