



# Metal Panel Filter

## Description

The metal panel filters are used as basic grease filters and in a wide variety of areas.

The metal panels can e.g. be used as heavy duty filters in HVAC, In oil mist eliminators, suction silencers, vibration silencers and seals. The metal panels are manufactured in a wide variety of materials, for example aluminium, stainless/acid-proof steel and galvanized steel in most shapes and dimensions.

Metal Mesh filters are ideal for use in harsh environments where rugged, washable and reusable filters are most appropriate.

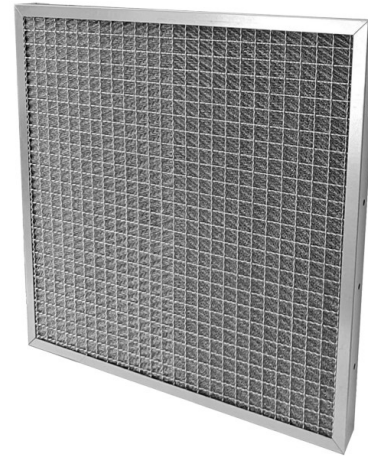
In high moisture environments, the galvanized screen media is excellent at removing airborne moisture droplets in combination with dust particulate, and will not degrade over time. In oil-laden industrial environments, a metal mesh filter may be used to reclaim valuable process oils from the air flow, channeling them back for collection. And perhaps most importantly, this is a cleanable filter which allows the user to re-use the same product again and again.

## Key benefits

- Heavy gauge Aluminum / Galvanized construction.
- Easily cleaned with soap and water.
- Long service life.
- Small transportation volume.
- Low pressure drop.
- Resistance to high temperatures.
- Various frame size with customized dimensions.
- Synthetic bags
- Easy installation
- Suitable for use by intake air pre-filtration in coastal, offshore and other high humidity locations (gas turbines, oil and gas industry).
- Resistant to high temperature, acid, alkali.

## Specification

- Standard depth : 20, 48 and 96 mm.
- Frame : Galvanized, Aluminum or Stainless steel
- Media : Woven steel wire (Aluminum , Galvanized)
- Facguard : Both sides
- Filtration rating : 10 to 20 micron / Coarse 30%



# Metal filter

## 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:

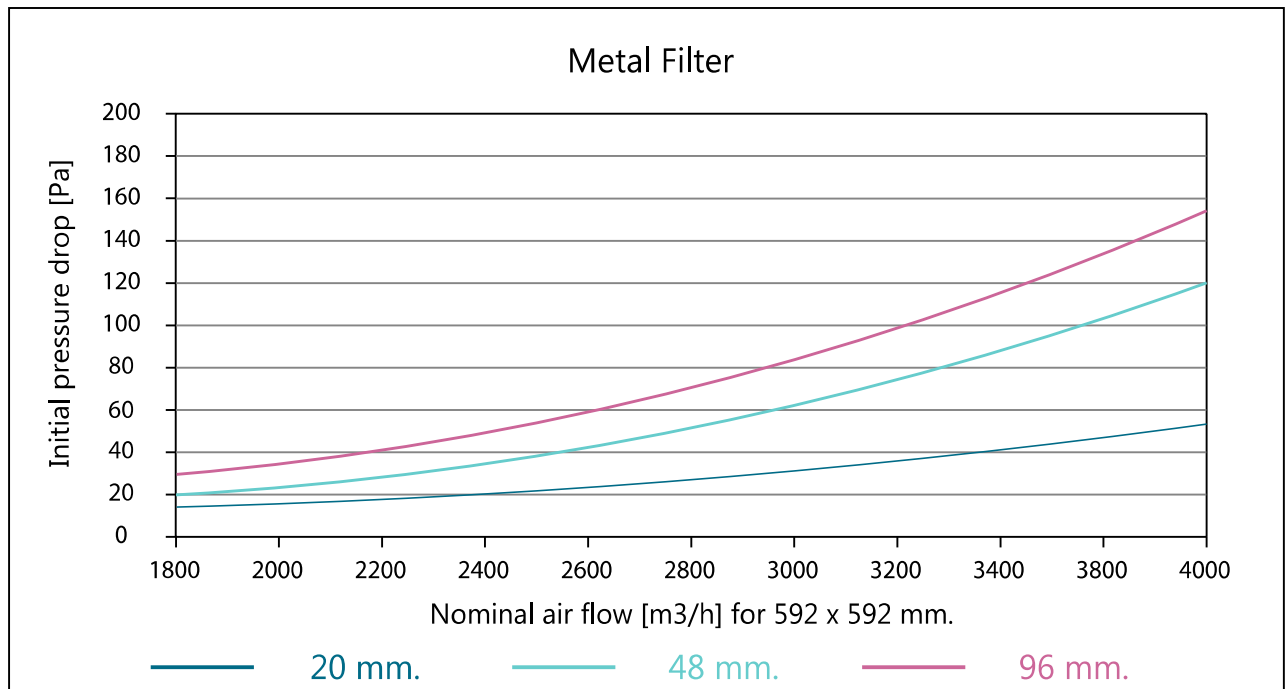
- Industrial machinery
- Food equipment & beverage dispensers
- Military solutions
- Power generation system
- HVAC
- Oil mist separation.
- Pre filter for thick particles.

# Metal Panel Filter

## Part numbers

Filter Model	Filter Class EN 779 / ISO 16890	Dimension WxHxD mm.	Mesh Material (A / G / SS)	Nominal Airflow (CMH)	Initial Pressure Drop (Pa)
MF-A-02-A20-592 x 592	G2 / Coarse 30%	592x592x20	Aluminum / Galvanized / SS	3200	35
MF-A-02-A20-490 x 592	G2 / Coarse 30%	490x592x20	Aluminum / Galvanized / SS	2650	35
MF-A-02-A20-287 x 592	G2 / Coarse 30%	287x592x20	Aluminum / Galvanized / SS	1600	35
MF-A-02-A20-287 x 287	G2 / Coarse 30%	287x287x20	Aluminum / Galvanized / SS	800	35
MF-A-03-A48-592 x 592	G3 / Coarse 40%	592x592x48	Aluminum / Galvanized / SS	3200	70
MF-A-03-A48-490 x 592	G3 / Coarse 40%	490x592x48	Aluminum / Galvanized / SS	2650	70
MF-A-03-A48-287 x 592	G3 / Coarse 40%	287x592x48	Aluminum / Galvanized / SS	1600	70
MF-A-03-A48-287 x 287	G3 / Coarse 40%	287x287x48	Aluminum / Galvanized / SS	800	70
MF-A-04-A96-592 x 592	G4 / Coarse 60%	592x592x96	Aluminum / Galvanized / SS	3200	100
MF-A-04-A96-490 x 592	G4 / Coarse 60%	490x592x96	Aluminum / Galvanized / SS	2650	100
MF-A-04-A96-287 x 592	G4 / Coarse 60%	287x592x96	Aluminum / Galvanized / SS	1600	100
MF-A-04-A96-287 x 287	G4 / Coarse 60%	287x287x96	Aluminum / Galvanized / SS	800	100

Other dimension and depth sizes are available on request



MF-A - 02 - A20 - 592 x 592			MF-G - 03 - G48 - 592 x 592			MF-S- 04 - S96 - 592 x 592		
Filter Model	Metal Filter	MF	Filter Model	Metal Filter	MF	Filter Model	Metal Filter	MF
Frame Material	Aluminium	A	Frame Material	Galvanized	G	Frame Material	Stainless steel	S
Filter Class	G2	02	Filter Class	G3	03	Filter Class	G4	04
Mesh Material	Aluminium	A	Mesh Material	Galvanized	G	Mesh Material	Stainless steel	S
Filter Depth	20 mm	20	Filter Depth	48 mm	48	Filter Depth	96 mm	96
Size	Width x Height	592 x 592	Size	Width x Height	592 x 592	Size	Width x Height	592 x 592

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