

## Permanent Metal Air Filter

### Washable Pleated Mesh Expanded Metal Filter for Average Dust Loading Conditions

- Aluminum frame
- Reduces maintenance cost
- Low resistance against air flow
- High dust holding capacity and long service life
- Fine aluminum net design
- Easy to clean and install



AmMet is a washable metal air filter for use in industrial applications and in commercial and industrial heating. Owing to their excellent dust holding capacity and ability to perform in high moisture conditions, they are particularly suitable for use as grease filters in kitchen hoods. Their ability to reduce grease deposits on fixtures and duct work has many cost saving benefits:

- 1) Reduces the frequency of duct cleaning maintenance.
- 2) Reduces the risk of fire.
- 3) Prolongs the life span of fans and motors.

### Multiple Layered Media Holds More Dust

AmMet filter media consists of multiple layers of pleated aluminium wire formed into a compact maze of dirt catching surfaces. This multiple layer design creates an effective dust holding barrier for dust laden particles while allowing clean air particles to move through the media unhindered. Maximum operating temperature for AmMet is 300°C.

### Sturdy, Rigid Construction

To ensure complete filter integrity in difficult operating conditions, the filter frame is made of sturdy aluminum steel. The multi-layered media is held in place by metal grids on both the air inlet and air outlet sides. This construction increases filter rigidity and ensures filter performance in heavy dust loading applications. The frame is also available in stainless steel or galvanized steel and can be manufactured to any size.

### Easy to Clean and Install

Due to AmMet's lightweight and compact size they are relatively inexpensive to ship and easy to handle and install. AmMet can be blow cleaned with compressed air or washed in a solution of detergent and warm water.

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### Technical Specification

**Frame :** Aluminum / Galvanized Steel / Stainless Steel

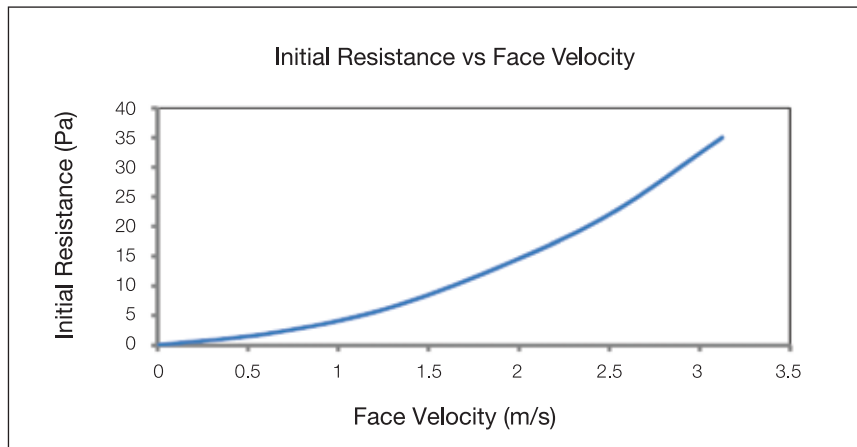
**Media :** Multiple layers of corrugated and fine mesh expanded aluminium sheets / Galvanized Steel / Stainless Steel

**Maximum Operating Temperature :** 300°C

### Technical Data

Nominal size (inches)	Actual size (mm)	Rated Air Velocity (m <sup>3</sup> /h at 2.5 m/s)
20 x 10 x 2	492 x 238 x 46	1054
16 x 20 x 2	390 x 492 x 46	1727
20 x 20 x 2	492 x 492 x 46	2179
16 x 25 x 2	390 x 619 x 46	2173
20 x 25 x 2	492 x 619 x 46	2741
24 x 24 x 2	594 x 594 x 46	3176

### Airflow Resistance



\*Filter size: 24x24x2"

\*\*Other special sizes available upon request.