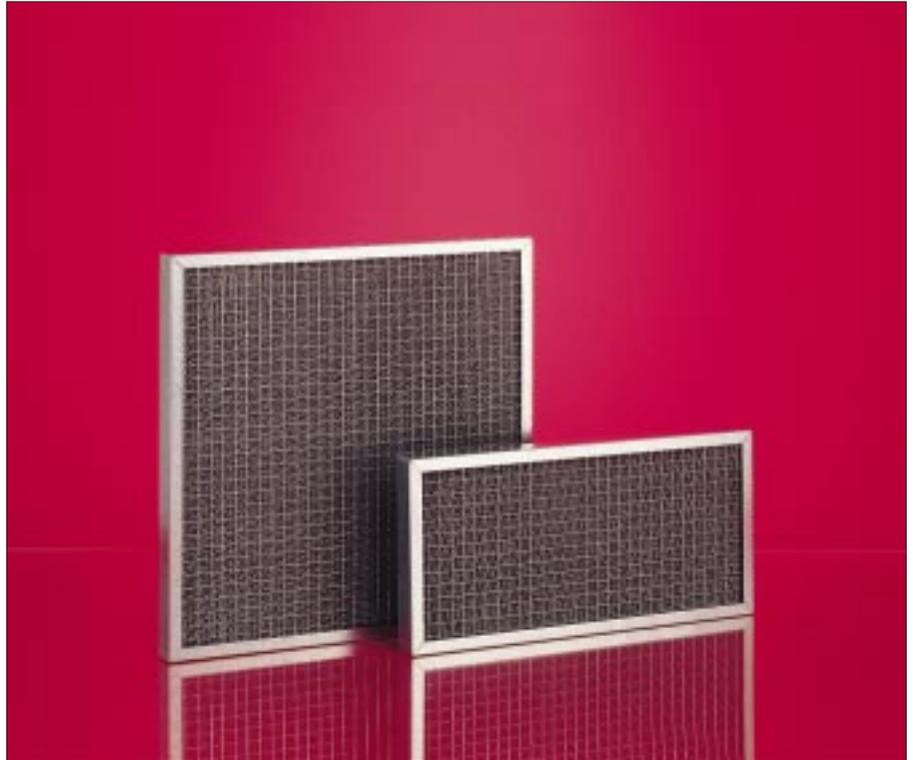




MetaNet®

Lightweight metal filters for heavy duty applications, HVAC systems and kitchen hoods

- Reduces maintenance costs
- High dust holding capacity and long service life
- Lightweight and easy to install
- Washable
- Average arrestance: 75 - 85% according to EN779



MetaNet are washable metal air filters for use in heavy duty industrial applications and in commercial and industrial heating, ventilation and air conditioning systems. 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:

- reduces frequency of duct cleaning maintenance
- reduces the risk of fire
- prolongs the life span of fans and motors
- promotes health and safety in kitchens

In addition, MetaNet air filters can be used as prefilters to more expensive higher efficiency filters. The filters are available in the classification range G2, but when coated with AAF's special dirt trap adhesive, Viscosine, the filters qualify for G3 classification according to the EN779 standard.

Multiple Layered Media Holds More Dust

MetaNet filter media consists of multiple layers of pleated galvanized 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. The media is also available in a stainless steel and aluminium sheet execution.

Sturdy, Rigid Construction

To ensure complete filter integrity in difficult operating conditions, the filter frame is made of sturdy galvanized 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 a stainless steel and aluminium execution.

Easy to clean and install

MetaNet filters are easy to install. The filters can be washed in a solution of detergent and warm water or cleaned with compressed air.



Technical specification

Filter Type	Code
Galvanized steel	1111
Code description:	
1.	U-profile; galvanized steel, 1 mm thick.
1.	Support grid air entering side; galvanized steel, mesh
1.	Media; multiple layers of knitted galvanized steel
1.	Support grid air leaving side; galvanized steel, mesh

Temperature limit: 420°C

Filter Type	Code
Stainless steel	2626
Code description:	
2.	U-profile; stainless steel, 1 mm thick.
6.	Support grid air entering side; stainless steel, expanded
2.	Media; multiple layers of knitted stainless steel
6.	Support grid air leaving side; stainless steel, expanded

Temperature limit: 500°C

Filter Type	Code
Aluminium	3737
Code description:	
3.	U-profile; aluminium, 1 mm thick.
7.	Support grid air entering side; aluminium, expanded
3.	Media; multiple layers of knitted aluminium steel
7.	Support grid air leaving side; aluminium, expanded

Temperature limit: 300°C

Technical Data

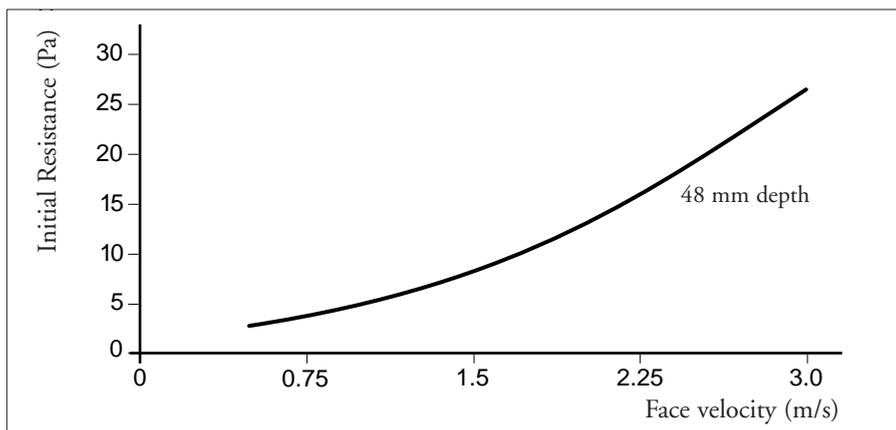
Nominal Size inches	Actual Size mm	Rated air velocity m ³ /h at 2.5 m/s
20x10x2	495x245x48	1170
16x20x2	395x495x48	1870
20x20x2	495x495x48	2380
16x25x2	395x620x48	2380
20x25x2	495x620x48	2975
24x24x2	595x595x48	3400

Note: Also available in 20 mm depth

Tolerance on:

- Width and height : +0 mm; -1 mm.
- Thickness : ± 0.5 mm.

Airflow Resistance



Recommended final resistance: 130 Pa.

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