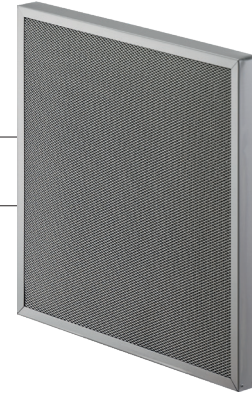


MetaNet

LIGHTWEIGHT METAL FILTER



Features and Benefits

- Reduces maintenance costs
- High dust holding capacity
- and long service life
- Lightweight and easy to install
- Washable
- Average arrestance: 75 - 85% according to EN779:2012

MetaNet filters 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 antimicrobial treatment, the filters qualify for G3 classification according to the EN779:2012 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.

MetaNet Filter

Technical Data

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

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

Product information

Filter	Part number	Dimensions (mm) W x H x D	Filter area (m ²)	Number of pockets or V	Nominal airflow (m ³ /h)	DHC acc. EN779 (g)	EN779:2012 Classification	Initial dp (Pa)	Energy Rating	ISO 16890 Classification	ePM1 (%)	ePM2,5 (%)	ePM10 (%)
MetaNet	71-1111-1666	592x592x20	-	-	3400	-	G2	25	-	Coarse 45%	-	-	-

Further dimensions are available on request. Until December 31st 2017 filtration efficiency values are certified according to EN779:2012. From January 1st 2018 filtration efficiency values are certified according to ISO 16890.



AAF International
 European Headquarters
 Robert-Bosch-Straße 30-32, 64625 Bensheim
 Tel: +49 6251 80368 – 0, Fax +49 6251 80368 – 20
 aafintl.com

AAF International has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

©2017 AAF International and its affiliated companies.
 PA_207_EN_032018