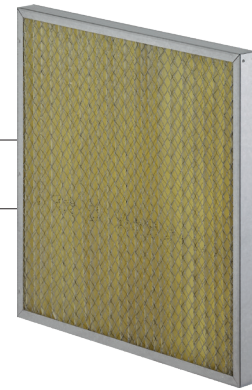


# AmAir<sup>®</sup> HT

## HIGH TEMPERATURE AIR FILTER



### Features and Benefits

- For use in high temperature applications
- Special high loft glass with a glass fibre backing
- Laminated with a wire mesh grid on the air leaving side
- Expanded metal faceguard on the air leaving side

### Applications

Classified G4 according to EN779:2012, the AmAir HT filter is ideal for protecting more expensive secondary air filters from premature dust loading and replacement. As primary filters, they will also help reduce HVAC maintenance costs by preventing unnecessary dust build-up on coils, fans and duct work.

### High Temperature Applications

AmAir HT filters are designed for use in high temperature applications up to 260 °C. The media pack is made of a special high loft glass with a glass fibre backing, laminated with a wire mesh grid on the air leaving side. The media pack is bonded to a sturdy galvanized steel U-channel frame. An expanded metal faceguard on the air leaving side retains the media pack at elevated temperatures. The filter has a gasket on the clean air side. Other executions are available on request.

# AmAir<sup>®</sup> HT Filter

## Technical Data

Type	HT - 2"	HT - 4"
Actual Depth (mm)	45	95
Rated Face Velocity (m/s)	1,25 - 2,5	1,25 - 2,5
Average Arrestance <sup>1)</sup> (%)	> 90	> 90
EN779:2012 Classification	G4	G4
Rated Initial Resistance <sup>1)</sup> (Pa)	85 - 195	45 - 125
Recomm. Final Resistance <sup>2)</sup> (Pa)	300	300
Temperature Limits (°C) (continuous operation)	260	260

1) All data based on EN779:2012.

2) Recommended final resistance not to be exceeded.

## Standard Dimensions

Actual Size <sup>1,2)</sup> (mm) W x H	Airflow at 2,5 m/s (m <sup>3</sup> /h)
287 x 592	1700
490 x 490	2400
592 x 490	2800
592 x 592	3400

1) Width and height dimensions are interchangeable. Filters may be installed with the pleats in the vertical or horizontal position. The pleats are always parallel to the longest cell side unless explicitly specified otherwise.

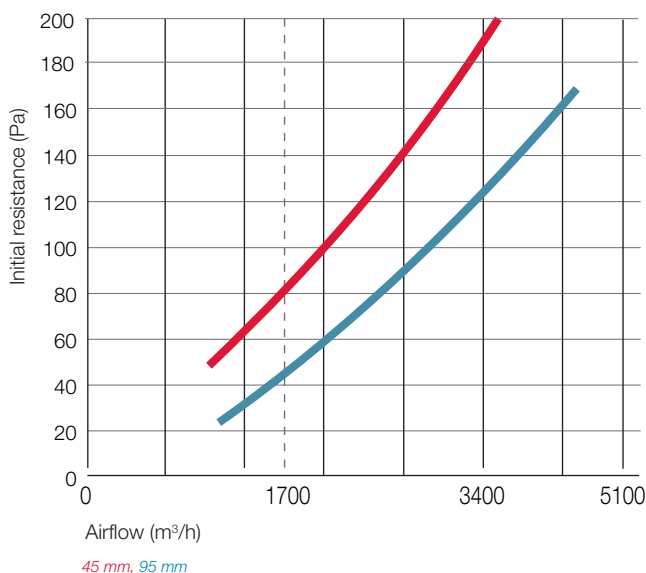
2) See Technical Data Table for filter depths.

## Product information

Filter	Part number	Dimensions (mm) W x H x D	Filter area (m <sup>2</sup> )	Number of pockets or V	Nominal airflow (m <sup>3</sup> /h)	DHC acc. EN779 (g)	EN779:2012 Classification	Initial dp (Pa)	Energy Rating	ISO 16890 Classification	ePM1 (%)	ePM2,5 (%)	ePM10 (%)
AmAir HT	43-2201-5008	592x592x45	-	-	3400	-	G4	190	-	Coarse 90%	-	-	-

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.

## Airflow Resistance



AmAir<sup>®</sup> is a registered trademark of AAF International in the U.S. and other countries.



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

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