

# PLEATED FILTERS

HEPA Filters, Bag Filters & Pleated Panel Filters

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## AAC Eurovent - HEPA Filters, Bag Filters & Pleated Panel Filters

At AAC Eurovent we can supply a full range of high quality Hepa Filters, Bag Filters and Pleated Panel Filters.

### HEPA Filters

Our low cost HEPA Filters are suitable for Air Filtration in a wide range of applications including: Clean Rooms, Research & Medical Laboratories, Pharmaceutical Establishments, Electro technology & Micro technology sites.

#### HEPA Filter Classification:

- Filter class H10
- Filter class H11
- Filter class H12
- Filter class H13
- Filter class H14

### Features

Our range of HEPA filters is available in several versions:

- HEPA - Wedge Shaped Filter
- HEPA - Compact Cassette Filter
- HEPA - Filter Box



AAC Hepa, Bag & Pleated Panel Filters

All our HEPA Filters are tested according to EN 1822, are humidity resistant up to 100% r.h ( depending on version), and are temperature resistant to max 700°C and contain no silicone.

### Bag Filters

We offer an extensive range of robust Bag Filters (Pocket Filters). Manufactured using the latest technology, our Bag Filters are suitable for a wide range of Air and Dust Filtration, in a range of Industrial and Commercial applications. Available in four efficiencies, as well as a number of configurations, these synthetic Bag Filters are ideal for use as a second stage Filter.

Our Bag Filters are used in the following applications:

- Fine Filtration in Heat Ventilation & Air Conditioning Devices
- Office Intake Systems
- Hospitals & Laboratories
- Pharmaceutical Industry
- Computer Centres

### Pleated Panel Filters

Our Pleated Panel Filters are suitable for temperatures up to 1000°C. These Synthetic Filters are made from a blend of cotton and polyester, bonded with a flame retardant binder and laminated to a galvanised mesh, and are suitable for a wide range of Industrial and Commercial applications.



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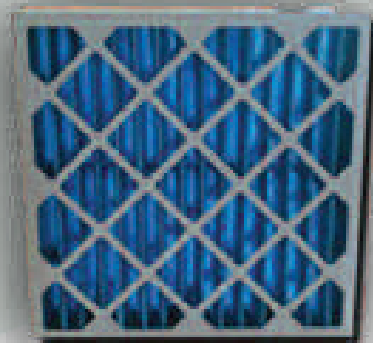
## AAC Pleated Filters - *Synthetic Media Filters*

The AAC Eurovent range of high quality Pleated Panel Filters is designed for a wide range of Industrial and Commercial Applications.

These synthetic Media Filters are made from a blend of cotton and polyester, bonded with a flame retardant binder and laminated to a galvanised mesh. The Media is designed for use in a pleated configuration and is supplied in a white moisture resistant card frame. These Filters are suitable for use in temperatures of up to 100°C.

### Features & Benefits:

- Rated G4 to EN779
- Low pressure drop, long service life
- Rigid construction
- Moisture resistant card case
- Standard and High Capacity versions available
- Available in 22mm, 47mm & 98mm depths
- Ideal for applications where glass fibre Filters are prohibited
- Profile pleated synthetic Media laminated onto an expanded metal grid
- Metal grid finish treated to prevent oxidization
- Grid has a 98% open face area for increased Media utilization
- Suitable for airflows up to 3400m<sup>3</sup>/hr



AAC Pleated Filter

## Sizes

### G4 Standard Capacity

**Colour:** Blue or green

**Thickness:** Approx 0.6mm

**Web:** Uniform fibre distribution

**Flammability:** UL Class II Listed

**Filter Size:** As per customer order

**Number of Pleats:** 1" 14 pleats per linear foot  
2" 10 pleats per linear foot  
4" 8 pleats per linear foot

**Performance:** 24" X 24" X 2" Filter tested by independent laboratory in accordance with ASHRAE 52.1 test method.

**Initial Resistance @ 500 FPM:** 0.22 - 0.30", w.g.  
(55 - 75pa)

**Final Resistance:** 1.00" w.g. (250pa)

**Average Dust Spot Efficiency:** 22 - 28%

**Average Arrestance:** 90 - 94%

### Standard & High Capacity

#### Type SC Pleated Panels:

22mm (14 pleats per foot)

47mm (10 pleats per foot)

98mm (8 pleats per foot)

#### Type HC Pleated Panels:

22mm (16 pleats per foot)

47mm (15 pleats per foot)

98mm (11 pleats per foot)


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## AAC Pleated Filters - *Synthetic Media Filters*

### Technical Information

Nominal H X W	Actual H X W	Rated Air Flow (m³/h)			Initial Pressure Drop (Pa)		
		22mm	47mm	98mm	22mm	47mm	98mm
20x10	496x240	596	793	990	35	50	70
		836	1114	1393	45	65	90
20x16	496x395	980	1305	1629	35	50	70
		1375	1834	2292	45	65	90
20x20	496x496	1231	1638	2046	35	50	70
		1727	2303	2878	45	65	90
25x16	620x395	1255	1631	2037	35	50	70
		1719	2292	2865	45	65	90
25x20	620x496	1539	2048	2557	35	50	70
		2159	2878	3598	45	65	90
24x12	596x287	856	1139	1422	35	50	70
		1201	1600	2000	45	65	90
24x24	596x596	1778	2368	2954	35	50	70
		2494	3325	4156	45	65	90

\*  Highlighted figures are for High Capacity panels. Recommended final resistance 250Pa.

GET IN TOUCH

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