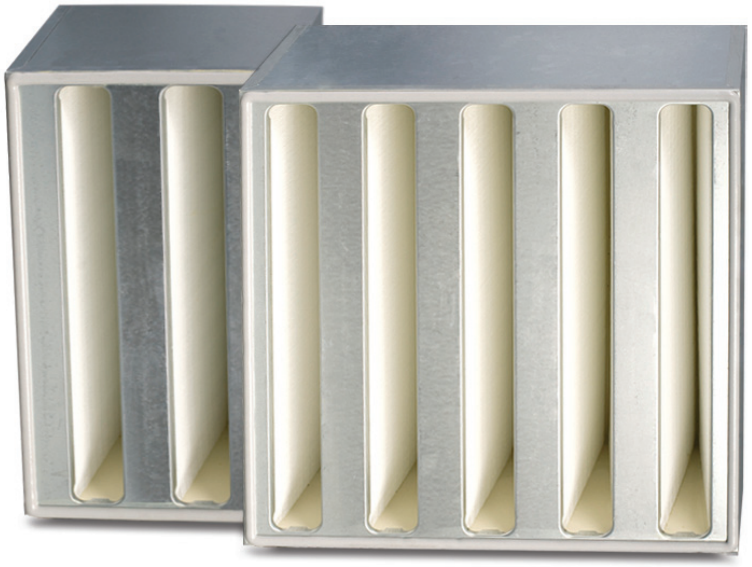
AstroCel® III 5000

High Efficiency Particulate Air Filters

- ***H13 in accordance with EN1822***
- ***5000 m^3/h air volume saves space***
- ***Low energy consumption***

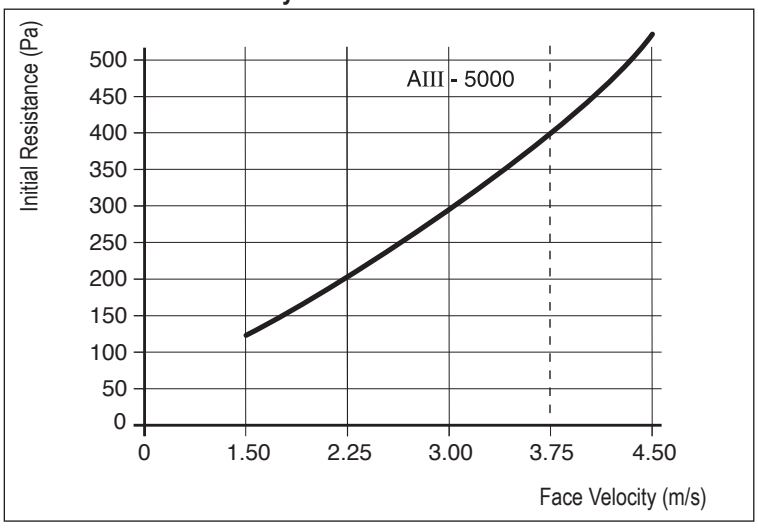


AstroCel III 5000 is classified H13 in accordance with EN1822.

The filter displays excellent efficiency on fine particulate matter and is designed for use in high air volume applications upto 5000 m^3/h. Due to its high capacity the filter offers several benefits: in new installations, fewer filters are required to handle the same volume of air compared to HEPA filters of the same size with a lower capacity.

As a result, less installation space is required and installation time is significantly reduced. In existing installations, the filter's high media area ensures a low pressure drop which reduces energy costs.

Resistance vs Face Velocity



Better Air is Our Business®

AAF INTERNATIONAL

AstroCel®III 5000

An AstroCel III 5000 can be ordered using the following Component Code Definition System.
Use the table to specify a product suitable to your application requirements.

Selection Table

Item	Component	Component Code Definition
A	Type of Filter	**A39 = AstroCell III**
B	Media	**A = Waterproof Glass Fibre**
C	Cell Sides	**05 = Sendzimir zinc coated steel**
		07 = Stainless steel 304 (4000)
D	Separators	**C = Thermoplastic**
E	Bond	**9 = Polyurethane Cold Cured Resin**
F	Gasket	P = No gasket
		D = Polyurethane foam, half round profile, one piece
G	Gasket Location	0 = No gasket
		2 = One face
H	Acceptance Level	**G = H13, Min. 99.95% @ MPPS acc. to EN1822**
I	Faceguard Location	**O = No faceguard**
K	Options	Consult local sales office

For 3400 MDF or NG execution consult specification sheets RA-3-139 and RA-3-124.
For AstroCel III 4000 execution consult specification sheet RA-3-129.
***Bold typeface:** standard execution*

Standard Sizes and Ratings

Size in mm without gasket			Nominal airflow
H	W	D	m^3/h
610	610	292	5000

Notes:
1) Final resistance 750 Pa.
2) Temperature limit 70°C.
3) Initial resistance at nominal airflow: 400 Pa.

Efficiency

Efficiency @ 0.3 µm	Efficiency EN1822 @ MPPS	
99.99%	H13	99.95%

How to Order

Below a typical example of how to order a standard AstroCel III 5000 filter using the Component Code Definition System.

Item	A	B	C	D	E	F	G	H	I	K
Component Definition	A39	A	05	C	9	S	2	H	0	-

AAF-International B.V.
P.O. Box 60
7800 AB Emmen
The Netherlands
Tel: +31 591 686 911
Fax: +31 591 686 936
www.aafeurope.com

International AAF Offices:
Emmen (NL), Glika Nera (GR), Brussels (B), Cramlington (GB), Oberhausen (D), Dubai (UAE), Helsinki (Fin), Istanbul (TR), Lisbon (P), Louisville, Ky (USA), Madrid (E), Mexico (Mex), Mozzate-Co (I), Paris (F), Bangalore (IND), Riyadh (KSA), Shah Alam (Mal), Suzhou, Shenzhen (PRC), Singapore, Taiwan, Wr. Neudorf (A)

AAF Agents:
Johannesburg (RSA)