

VariCel® EcoPak

- Available in F6, F7, F8 and F9 in accordance with EN779:2002
- Non corrosive
- Fully incinerable
- compact construction
- In line with VDI 6022 and EN 13779



VariCel EcoPak

These filters are used as prefilter or main filter in industrial and commercial HVAC installations.

Use the VariCel EcoPak instead of panel filters. The upgrade in efficiency results in better filtration of fine particles. The filter is available in two different depth, 48mm and 98mm.

Construction

The cell sides of the VariCel EcoPak are constructed of high-impact polystyrene. All components of the VariCel EcoPak are fully incinerable and non corrosive.

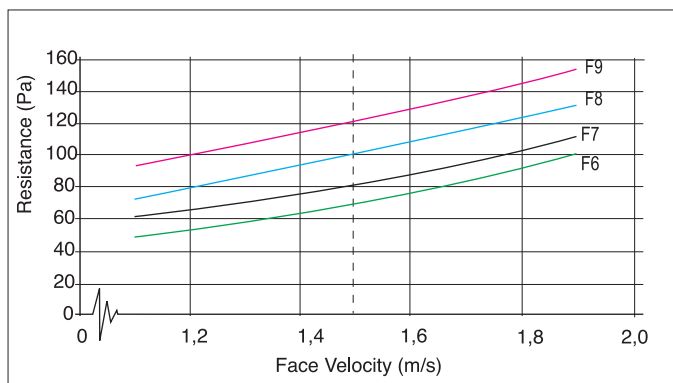
Hot melt separators maintain uniform spacing between pleats to allow optimal air into, and through, the filter.

Operating temperature

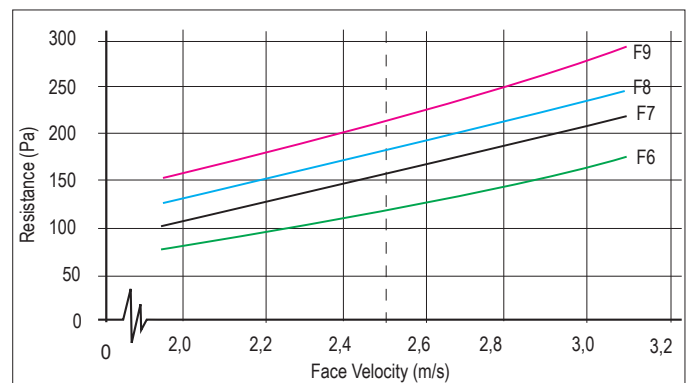
The filter has an operating temperature limit of 70 °C.

VariCel EcoPak is also available with biostatic treated media.

Resistance vs Face velocity 48 mm



Resistance vs Face velocity 98 mm



VariCel® EcoPak

Specifications

Media	High efficiency water resistant glass fiber
Cell Sides	High impact polystyrene (HIPS)
Separators	Hot melt
Disposal	Municipal incinerator
Maximum operating temperature	70 °C

Technical Data

Actual Size mm W x H x D	Performance data						Style code
	Filter class – Initial resistance (Pa) – Gross media area (m ²)						
	m ³ /h	m ²	F6-Pa	F7-Pa	F8-Pa	F9-Pa	
592 x 592 x 48	2000	6,7	70	80	100	130	24 24 2
490 x 592 x 48	1700	5,5	70	80	100	130	20 24 2
287 x 592 x 48	1000	3,2	70	80	100	130	12 24 2
592 x 592 x 98	3400	11,6	125	155	180	215	24 24 4
490 x 592 x 98	2900	9,5	125	155	180	215	20 24 4
287 x 592 x 98	1700	5,5	125	155	180	215	12 24 4

1) Performance data according to EN779:2002

2) Final resistance 450 Pa for classifications purpose only

3) Width and Height are interchangeable. VariCel EcoPak filters can be installed horizontally or vertically.

4) Special sizes are available on request

Legend

Type	VE	VariCel EcoPak
Filter class	6	F6 to EN779
	7	F7 to EN779
	8	F8 to EN 779
	9	F9 to EN 779
Size	24242	592 x 592 x 48
	20242	490 x 592 x 48
	12242	287 x 592 x 48
	12122	287 x 287 x 48
	24244	592 x 592 x 98
	20244	490 x 592 x 98
	12244	287 x 592 x 98
	12124	287 x 287 x 98
Gasket	P	no gasket
	S	foamed polyurethane gasket
	X	special
Gasket location	2	one side
	3	two sides

Example: VE 6 24242

AAF is participating in the Eurovent Certification Programme for Air Filters. The "Fine Filter range" acc. to EN 779 is certified under the number (07.01.333) and presented in the Directory of Certified Air Filters on Eurovent website: www.eurovent-certification.com

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

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