

VariCel® EcoPak



HIGH EFFECIENCY COMPACT FILTER

Features and Benefits

- Available in M6, F7, F8 and F9 according to EN779:2012
- Non corrosive
- Fully incinerable compact construction
- In line with VDI 6022 and EN13779

These filters are used as either prefilters or main filters in industrial and commercial HVAC installations. The VariCel EcoPak filter may be used instead of panel filters. This upgrade in efficiency results in better filtration of fine particles. This filter is available in two different depths, 48 mm and 98 mm.

Construction

The cell sides of the VariCel EcoPak filter are constructed of high-impact polystyrene. All components of the VariCel EcoPak filter 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

This filter has an operating temperature limit of 70 °C. The VariCel EcoPak filter is also available with antimicrobial treated filtermedia.

VariCel® EcoPak Filter

Standard configuration

Filter medium		Header	
Material	High efficiency water resistant fibreglass	Material	HIPS
Gasket			
Material	Optional: Dry seal gasket		

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 (%)
VariCel® ECOPAK VEP7	25-6672-2201	592 x 592 x 98	11,4	-	3400	250	F7	155	E	ePM1 55%	59	66	88
VariCel® ECOPAK VEP7	25-6682-2201	592 x 592 x 48	6,7	-	2000	175	F7	80	-	ePM1 55%	59	66	88
VariCel® ECOPAK VEP8	25-7672-2201	592 x 592 x 98	11,4	-	3400	175	F8	180	D	ePM1 65%	68	76	90
VariCel® ECOPAK VEP8	25-7682-2201	592 x 592 x 48	6,7	-	2000	100	F8	100	-	ePM1 65%	68	76	90
VariCel® ECOPAK VEP9	25-8672-2201	592 x 592 x 98	11,4	-	3400	150	F9	215	D	ePM1 80%	81	86	94
VariCel® ECOPAK VEP9	25-8682-2201	592 x 592 x 48	6,7	-	2000	75	F9	130	-	ePM1 80%	81	86	94
VariCel® ECOPAK VEP6	25-5672-2201	592 x 592 x 98	11,4	-	3400	250	M6	125	E	ePM10 70%	28	42	71
VariCel® ECOPAK VEP6	25-5682-2201	592 x 592 x 48	6,7	-	2000	150	M6	70	-	ePM10 70%	28	42	71

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.

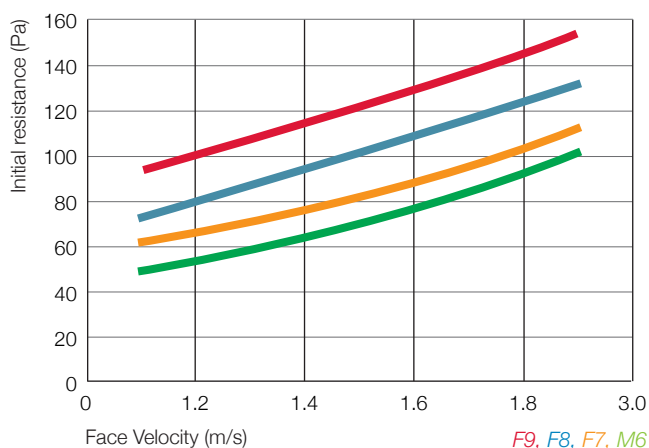
VariCel® EcoPak Filter

Legend

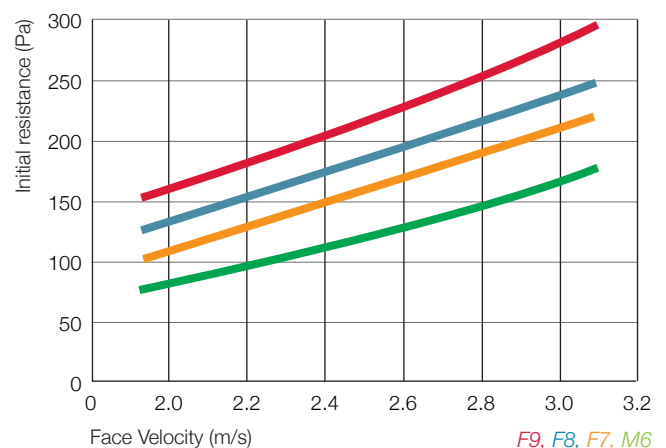
Type	VE	VariCel EcoPak
Filter class	6	M6 to EN779:2012
	7	F7 to EN779:2012
	8	F8 to EN779:2012
	9	F9 to EN779:2012
Size	24242	592 x 592 x 48
	20242	490 x 592 x 48
	12242	287 x 592 x 48
	12122	287 x 287 x 48
	24244	592 x 592 x 98
	20244	490 x 592 x 98
	12244	287 x 592 x 98
	12124	287 x 287 x 98
Gasket	P	no gasket
	S	foamed
	X	polyurethane
		gasket
		special
Gasket location	2	one side
	3	two sides

Example: VE 6 24242

Resistance vs Face Velocity 48 mm



Resistance vs Face Velocity 98 mm



VariCel® is a registered trademark of AAF International in the U.S. and other countries.



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