

VariCel® EcoPak

HIGH EFFICIENCY COMPACT FILTER

Features and Benefits

- ISO 16890: ePM10 and ePM1
- Non corrosive
- Fully incinerable compact construction

Applications

- 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.



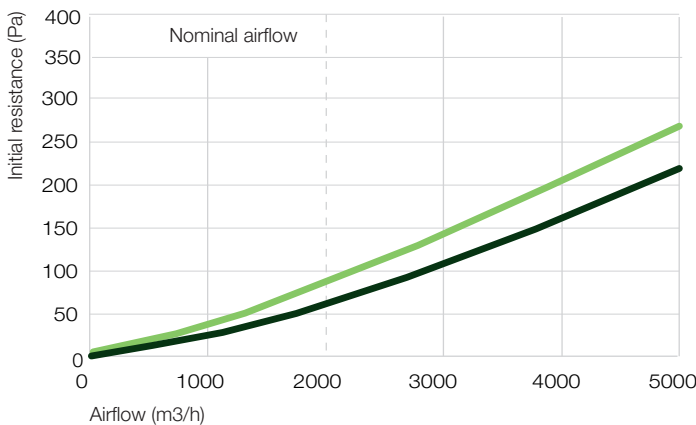
Configurations

Filter media	Glassfibre. Optional: Antimicrobial treated
Separator	Hot-melt
Gasket	Optional
Header	HIPS
Max. operating temperature	70 °C
Recom. final pressure drop	Subject to optimization of lifecycle costs, max 450 Pa
Recom. airflow range	75% - 125% (of nominal airflow)
Moisture resistance	100% relative humidity

Standard dimensions

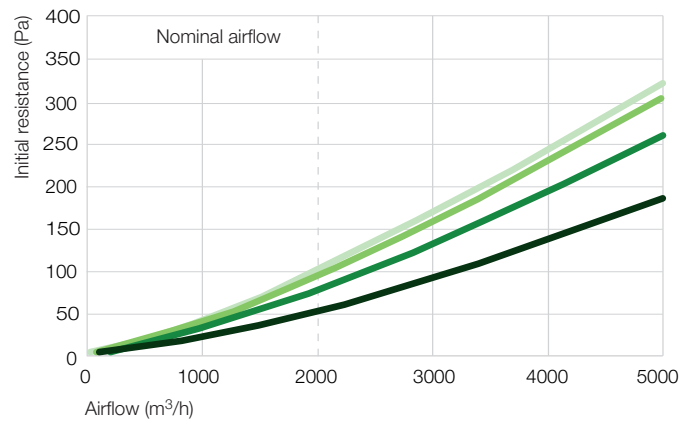
Dimension (mm)	592 x 592	490 x 592	287 x 592	610 x 610	305 x 610	490 x 490
Depth (mm)	48 + 98					

Performance VariCel EcoPak, 48 mm depth



VariCel EcoPak - ePM10 70% 592x592x48 / ePM1 55% 592x592x48

Performance VariCel EcoPak, 98 mm depth



VariCel EcoPak - ePM1 80% 592x592x98 / ePM1 65% 592x592x98 / ePM1 55% 592x592x98 / ePM10 592x592x98



Bringing clean air to life.®

VariCel® EcoPak Filter

Technical data

Filter name	Dimensions (mm) W x H x D	Filter area (m ²)	Initial dp (Pa) @ 2000 m ³ /h	Prev. rated EN779:2012	Eurovent 4/21:2018		ISO 16890 Classification	Average values		
					kWh	Energy Rating		ePM1 (%)	ePM2,5 (%)	ePM10 (%)
VariCel EcoPak ePM10 70%	592x592x98	11,0	50	M6	> 1300	E	ePM10 70%	28	42	71
	592x592x48	6,5	60	M6	> 1300	E	ePM10 70%	28	42	71
VariCel EcoPak ePM1 55%	592x592x98	11,0	75	F7	> 2000	E	ePM1 55%	59	66	88
	592x592x48	6,5	85	F7	> 2000	E	ePM1 55%	59	66	88
VariCel EcoPak ePM1 65%	592x592x98	11,0	95	F8	> 2050	E	ePM1 65%	68	76	90
VariCel EcoPak ePM1 80%	592x592x98	11,0	100	F9	> 2400	E	ePM1 80%	81	86	94

Further dimensions are available on request. From January 1st 2018 filtration efficiency values are certified according to ISO 16890.



Bringing clean air to life:

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