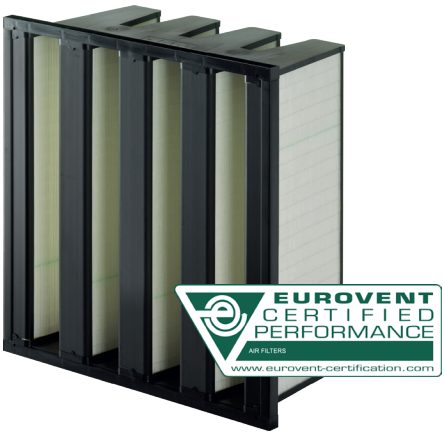
VariCel® V XL

HIGHLY EFFICIENT COMPACT FILTER



Features and Benefits

- ISO 16890: ePM1 and ePM10
- Lightweight and easy to install
- Fully incinerable

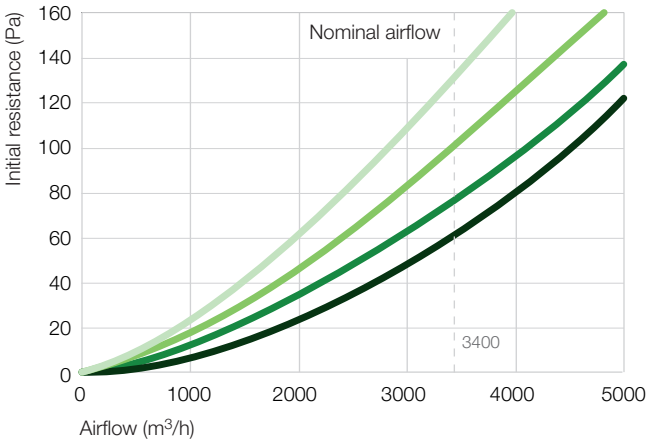
Applications

The VariCel V XL filter is an 8-panel high efficiency filter designed for use in commercial and industrial HVAC installations.

Configurations

Filter media	Glass fibre. Optional: Antimicrobial treated.
Pack design	Mini-pleat V-shape
Separator	Hot-melt
Gasket (optional)	Polyurethane foamed endless gasket
Header	HIPS. Depth 25 mm, optional 20 mm
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

Performance VariCel V XL



VariCel V XL - ePM1 85% 592x592x292 / ePM1 75% 592x592x292 / ePM1 55% 592x592x292 / ePM10 70% 592x592x292

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VariCel® V XL Filter

Technical data

Filter name	Dimensions (mm) W x H x D	Filter area (m^2)	Number of V's	Initial dp (Pa)	Airflow m^3/h	Prev. rated EN779:2012	Eurovent 4/21:2018		ISO 16890 Classification	Average values		
							kWh	Energy Rating		ePM1 (%)	ePM2,5 (%)	ePM10 (%)
VariCel V XL ePM10 70%	592x592x292	12,2	4	60	3400	M6	980	D	ePM10 70%	33	44	74
	592x490x292	11,9	4	60	2800	M6		D	ePM10 70%	33	44	74
	592x287x292	6,4	4	60	1700	M6		D	ePM10 70%	33	44	74
VariCel V XL ePM1 55%	592x592x292	12,2	4	75	3400	F7	990	B	ePM1 55%	57	67	88
	592x490x292	11,9	4	75	2800	F7		B	ePM1 55%	57	67	88
	592x287x292	6,4	4	75	1700	F7		B	ePM1 55%	57	67	88
VariCel V XL ePM1 75%	592x592x292	12,2	4	100	3400	F8	1350	C	ePM1 75%	77	83	94
	592x490x292	11,9	4	100	2800	F8		C	ePM1 75%	77	83	94
	592x287x292	6,4	4	100	1700	F8		C	ePM1 75%	77	83	94
VariCel V XL ePM1 85%	592x592x292	12,2	4	130	3400	F9	1750	C	ePM1 85%	86	90	96
	592x490x292	11,9	4	130	2800	F9		C	ePM1 85%	86	90	96
	592x287x292	6,4	4	130	1700	F9		C	ePM1 85%	86	90	96

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

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

Bringing clean air to life.®
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