

# VariCel<sup>®</sup> V XL

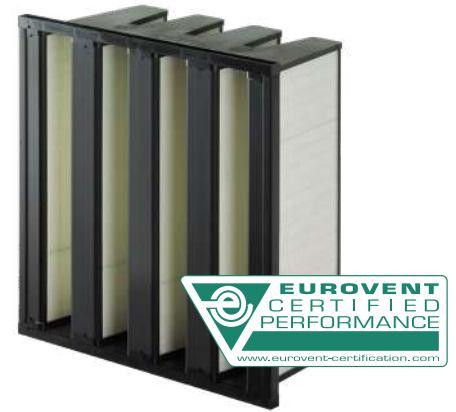
## HIGHLY EFFICIENT COMPACT FILTER

### Features and Benefits

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

### Applications

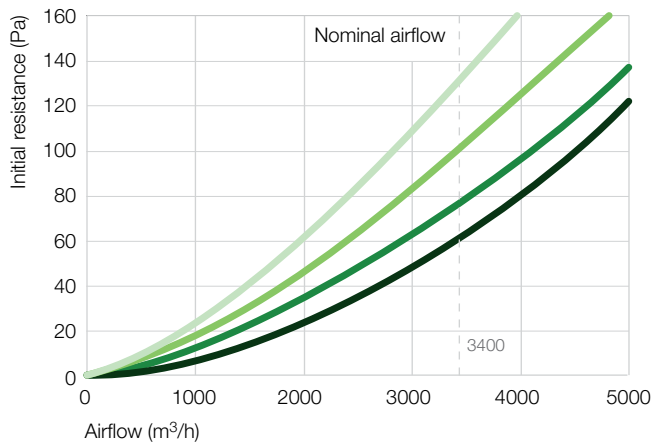
The VariCel V XL filter is an 8-panel high efficiency filter designed for use in commercial and industrial HVAC installations.



### Configurations

<b>Filter media</b>	Glass fibre. Optional: Antimicrobial treated.
<b>Pack design</b>	Mini-pleat V-shape
<b>Separator</b>	Hot-melt
<b>Gasket (optional)</b>	Polyurethane foamed endless gasket
<b>Header</b>	HIPS. Depth 25 mm, optional 20 mm
<b>Max. Operating Temperature</b>	70 °C
<b>Recom. final pressure drop</b>	Subject to optimization of lifecycle costs, max 450 Pa
<b>Recom. airflow range</b>	75% - 125% (of nominal airflow)
<b>Moisture resistance</b>	100% relative humidity

### Performance VariCel V XL



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

# VariCel® V XL Filter

## Technical data

Filter name	Dimensions (mm) W x H x D	Filter area (m <sup>2</sup> )	Number of V's	Initial dp (Pa)	Airflow m <sup>3</sup> /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	14,6	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	14,6	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	14,6	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	14,6	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;

**AAF International**  
European Headquarters  
Odenwaldstrasse 4, 64646 Heppenheim  
Tel: +49 (0)6252 69977-0  
aafintl.com

Specifications and performance data contain average values within existing production specification tolerances and are subject to change without prior notice. AAF explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this information.

©2020 AAF International and its affiliated companies.  
CF\_407\_EN\_062020