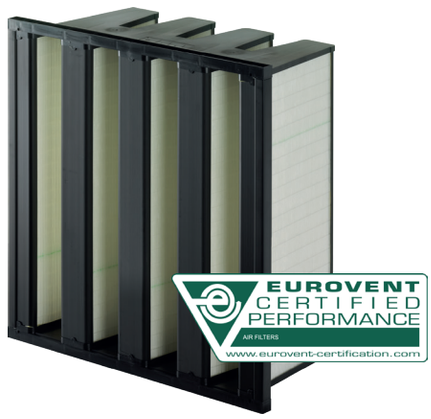
# VariCel® V XL

## HIGHLY EFFICIENT COMPACT FILTER




### Features and Benefits

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

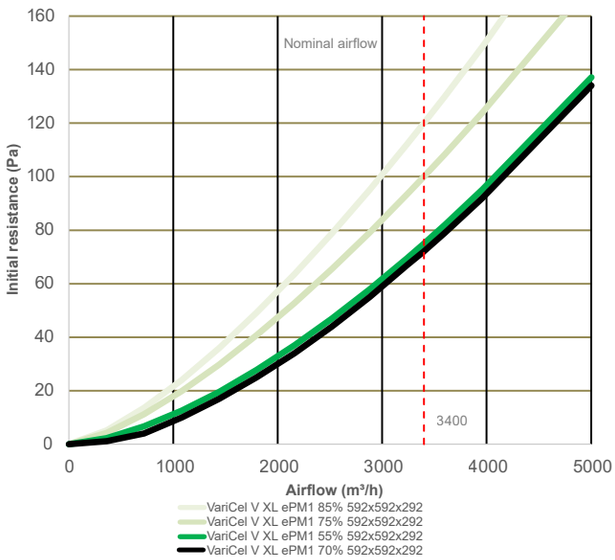
### Applications

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




AAF INTERNATIONAL
a member of DAIKIN group

# 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 | 14,8 | 4 | 75 | 3400 | M6 | 995 | D | ePM10 70% | 33 | 44 | 74 |
| | 592x490x292 | 12,1 | 4 | 75 | 2800 | M6 | | D | ePM10 70% | 33 | 44 | 74 |
| | 592x287x292 | 6,6 | 4 | 75 | 1700 | M6 | | D | ePM10 70% | 33 | 44 | 74 |
| VariCel V XL ePM1 55% | 592x592x292 | 14,8 | 4 | 75 | 3400 | F7 | 990 | B | ePM1 55% | 57 | 67 | 88 |
| | 592x490x292 | 12,1 | 4 | 75 | 2800 | F7 | | B | ePM1 55% | 57 | 67 | 88 |
| | 592x287x292 | 6,6 | 4 | 75 | 1700 | F7 | | B | ePM1 55% | 57 | 67 | 88 |
| VariCel V XL ePM1 75% | 592x592x292 | 14,8 | 4 | 100 | 3400 | F8 | 1350 | C | ePM1 75% | 77 | 83 | 94 |
| | 592x490x292 | 12,1 | 4 | 100 | 2800 | F8 | | C | ePM1 75% | 77 | 83 | 94 |
| | 592x287x292 | 6,6 | 4 | 100 | 1700 | F8 | | C | ePM1 75% | 77 | 83 | 94 |
| VariCel V XL ePM1 85% | 592x592x292 | 14,8 | 4 | 120 | 3400 | F9 | 1750 | C | ePM1 85% | 86 | 90 | 96 |
| | 592x490x292 | 12,1 | 4 | 120 | 2800 | F9 | | C | ePM1 85% | 86 | 90 | 96 |
| | 592x287x292 | 6,6 | 4 | 120 | 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.*

AAF International
a member of DAIKIN group

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

©2026 AAF International and its affiliated companies.
CF_407_EN_042026