



VariCel V

Lightweight Compact Filters For Commercial and Industrial HVAC Systems

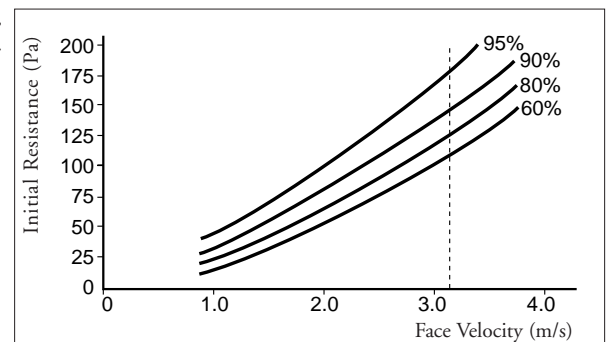
- Lightweight and easy to install
- Classification ranges F6, F7, F8 and F9
- Excellent performance in difficult operating conditions
- High air volume capacity: upto 5000 m³/h
- High dust holding capacity



VariCel V are lightweight compact filters designed for use in industrial and commercial HVAC installations. Available in the EN779 classification range F6 - F9, their rigid design and pleated media pack with thermoplastic separators ensure they deliver the desired air quality when used in variable air volume systems and subjected to repeated fan shutdown, high relative humidity and intermittent exposure to water.

Due to their 5000m³/h capacity, VariCel V offer many cost saving benefits. In new installations fewer filters are needed to handle the same volume of air compared to filters of the same size with a lower capacity. Fewer filters mean less installation space for the filtration system. They can also be used in existing systems to increase the air capacity. VariCel V display low media resistance and have a high dust holding capacity and long service life.

*Airflow Resistance
VV6-series*





Varicel V

Specifications

Maximum operating temperature	: 70 °C
Media	: Ultra fine glass fibres woven into mat
Separators	: Thermoplastic
Cell Sides	: Recycled polystyrene

Technical Data

Type	Size ¹⁾ (mm) HxWxD	Airflow				Average Efficiency ²⁾ %	EN 779 Class ²⁾	Initial Resistance at Nominal Airflow (Pa)	Final Resistance ³⁾ (Pa)
		Maximum		Nominal					
		m ³ /h	m ³ /s	m ³ /h	m ³ /s				
VV6- 6-24.24-12 ⁴⁾	592 x 592 x 292	5000	1,39	4250	1,18	60-65	6	110	600
VV6- 6-20.24-12 ⁴⁾	490 x 592 x 292	4165	1,15	3540	0,98	60-65	6	110	600
VV6- 6-12.24-12 ⁴⁾	287 x 592 x 292	2500	0,69	2125	0,59	60-65	6	110	600
VV6- 9-24.24-12	592 x 592 x 292	5000	1,39	4250	1,18	80-85	7	125	600
VV6- 9-20.24-12	490 x 592 x 292	4165	1,15	3540	0,98	80-85	7	125	600
VV6- 9-12.24-12	287 x 592 x 292	2500	0,69	2125	0,59	80-85	7	125	600
VV6-10-24.24-12	592 x 592 x 292	5000	1,39	4250	1,18	90-95	8	145	600
VV6-10-20.24-12	490 x 592 x 292	4165	1,15	3540	0,98	90-95	8	145	600
VV6-10-12.24-12	287 x 592 x 292	2500	0,69	2125	0,59	90-95	8	145	600
VV6-11-24.24-12	592 x 592 x 292	5000	1,39	4250	1,18	> 95	9	180	600
VV6-11-20.24-12	490 x 592 x 292	4165	1,15	3540	0,98	> 95	9	180	600
VV6-11-12.24-12	287 x 592 x 292	2500	0,69	2125	0,59	> 95	9	180	600

- 1) Width and height are interchangeable, pleats can be either vertical or horizontal without affecting performance.
- 2) All performance data based on EN779.
- 3) Recommended maximum value. Filters can be operated to a lower final resistance without materially effecting filter efficiency.
- 4) Suffix "C" denotes cellulose media option.

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