



VariCel® II

Low Depth Compact Filter
For Commercial and Industrial HVAC Systems

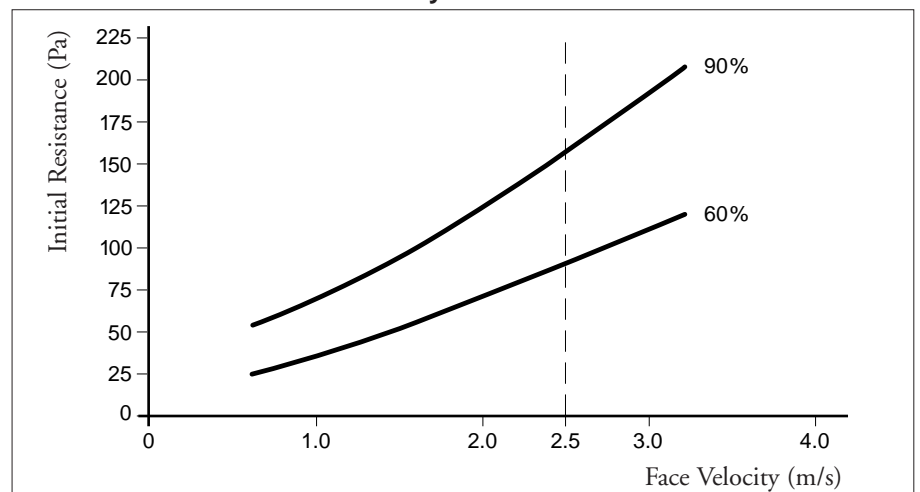
- Low depth saves space
- Classification ranges F6 and F8
- Lightweight and easy-to-install
- Economic to transport
- High dust holding capacity



When installation space is limited and high quality air filtration is required, VariCel II is the solution. This low depth, lightweight filter is available in EN779 classification ranges F6 and F8. It displays low media resistance which means low energy consumption. Due to its lightweight and low depth it is economic to ship compared to other heavier, bulkier types of filter.

VariCel II is suitable for use in front, rear and side access HVAC installations. The filter is also suitable for use in variable air volume systems and can withstand repeated fan shut down and turbulent airflow. VariCel II has a high dust holding capacity and long service life. It can resist intermittent exposure to water and provides excellent performance in conditions of high relative humidity.

Initial Resistance vs Face Velocity





VariCel® II

Specification

Maximum operating temperature	: 65 °C
Media	: Dual density glass fibre
Filter frame	: Natural kraft pine and hardwood fibre
Disposal	: Municipal incinerator

Technical Data

Nominal Size ¹⁾ (wxhxd) (inches)	Actual Size ¹⁾ (wxhxd) (mm)	Rated Air Flow Capacity ²⁾ (m ³ /h) (m ³ /s)	Rated Initial ²⁾ Resistance (Pa)	Gross Media Area (m ²)
90% Average Efficiency - F 8				
24x24x4 ³⁾	594x594x97	3400	0.944	11.80
20x25x4	492x619x97	2975	0.826	10.31
20x24x4 ³⁾	492x594x97	2805	0.780	9.85
20x20x4	492x492x97	2380	0.661	8.18
18x24x4	441x594x97	2550	0.708	8.83
16x25x4	391x619x97	2380	0.661	8.18
16x20x4	391x492x97	1870	0.519	6.50
12x24x4 ³⁾	289x594x97	1700	0.472	5.85
12x12x4	289x289x97	850	0.236	2.97
60% Average Efficiency - F 6				
24x24x4 ³⁾	594x594x97	3400	0.944	11.80
20x25x4	492x619x97	2975	0.826	10.31
20x24x4 ³⁾	492x594x97	2805	0.780	9.85
20x20x4	492x492x97	2380	0.661	8.18
18x24x4	441x594x97	2550	0.708	8.83
16x25x4	391x619x97	2380	0.661	8.18
16x20x4	391x492x97	1870	0.519	6.50
12x24x4 ³⁾	289x594x97	1700	0.472	5.85
12x12x4	289x289x97	850	0.236	2.97

- 1) Width and height dimensions are interchangeable. VariCel II filters can be installed horizontally or vertically.
- 2) All performance data based on ASHRAE 52: 1.1992. Classification in accordance with EN779.
For maximum service life, VariCel II filters should always be operated with a prefilter.
- 3) Available for side access installations designed with a 18 mm or 22 mm or customized wide stationary track.

Underwriters' Laboratories Inc. Listing

VariCel II filters are Class 2 approved according to U.L. Standard 900.

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