



VariCel® II with INTERSEPT®

IAQ Engineered Air Filter

- Intersept® inhibits the growth of fungi and bacteria
- Intersept® controls microbial odours
- Intersept® preserves filter media throughout its service life
- 4" depth reduces space requirement
- Excellent performance in humid operating conditions
- Improves IAQ



Microbial Control is Built-In

Like most compact filters VariCel II with Intersept® biostatic preservative displays excellent dust holding capacity on both inert and microbial particulates. Unlike most compact filters though, VariCel II has been treated with a unique biostatic preservative called Intersept® which inhibits the growth of those fungi and bacteria documented to affect indoor air quality. This preservative prevents the growth of organisms on the filter media, protecting it throughout its service life. Intersept® also inhibits odours resulting from microbial growth. The combined characteristics of the VariCel II filter media and Intersept® biostatic preservative make this a superior indoor air quality filter compared to a untreated filter.

How it Works

When microbial particulates are trapped, they are immediately prevented from multiplying and growing on and through the filter media by Intersept biostatic preservative. The result: fewer contaminated particles downstream of the filter.

High Performance Design

The VariCel II with Intersept® filter is only 4" deep. This low depth feature means less space is required in a air handling unit to accommodate the filter than regular pocket or compact filters.

The filter is easy to handle and install regardless of whether access is from the front, side or rear. VariCel II with Intersept® features a rigid, multiple mini-pleat media pack.

It has a large media area which ensures a high dust holding capacity and long service life. The filter is available in EN779 classification range F8.

Disposal

The filter is fully incinerable or, alternatively, it can be landfilled.



B E T T E R A I R I S O U R B U S I N E S S ®

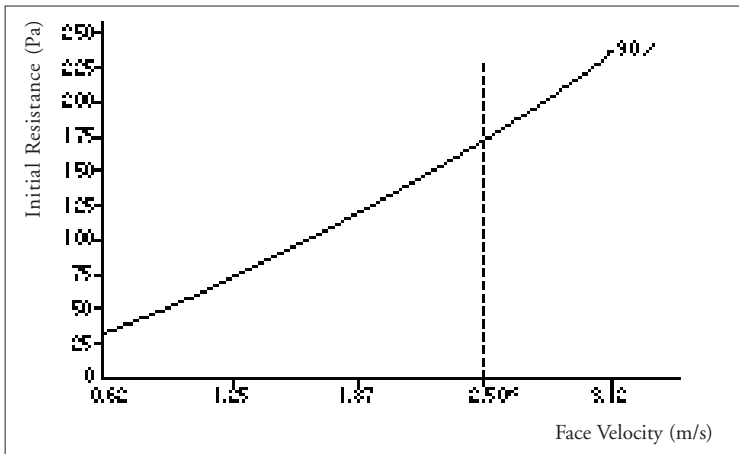


VariCel® II with INTERSEPT®

Treated media versus untreated media

	Treated media	Untreated media
Dust	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inhibits Bacteria Growth	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Inhibits Fungi Growth	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Controls Microbial Odours	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Resistance vs Airflow



Technical data

Nominal Size (wxhxd) (inches)	Actual Size (wxhxd) (mm)	Rated Air Flow Capacity		Rated Initial Resistance (Pa)	Gross Media Area (m ²)
		(m ³ /h)	(m ³ /s)		
90% Average Efficiency - F 8					
24 x 24 x 4 ³	594 x 594 x 97	3400	0.944	170	11.80
12 x 24 x 4 ³	289 x 594 x 97	1700	0.472	170	5.85

Intersept® is registered for use on air filters by the EPA in the United States under No. 43670-1. The product has been approved for use in Europe under European Guidelines 67/548/EEC and 92/32/EEC for New Chemical Substances.

Intersept® is a registered trademark of Interface Inc.

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