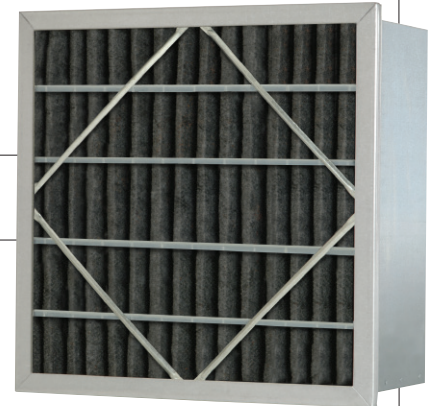


VariCel® RF/C VariCel® RF/C+SAAFoxi™

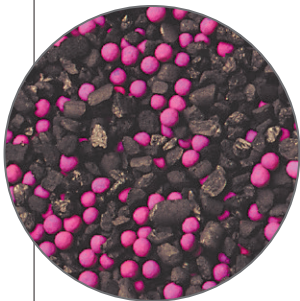
EXTENDED SURFACE RIGID AIR FILTERS



- VariCel RF/C – 60% activity granular activated carbon
- VariCel RF/C+SAAFoxi – 50/50 blend of 60% activated carbon and AAF's proprietary activated alumina impregnated with potassium permanganate (KMnO₄)
- Particulate and gaseous contaminants removal in a UL Classified filter
- MERV 9 (all models)
- Single-header and no-header models

Applications

- Airports
- Hospitals
- Industrial plant offices and laboratories
- Microelectronic component assembly
- Office, retail and commercial buildings



VariCel® RF/C and RF/C+SAAFoxi™ filters use SAAFWeb™ technology.

Excellent Performance

IAQ issues are unpredictable. They can appear suddenly and may be a one-time occurrence or an ongoing nuisance. No matter what the cause, when the air smells bad, it is unpleasant, distracting, and potentially unhealthy—and people associate unpleasant odors with dirty air. In many instances, making extensive changes to the air handling system to eliminate the problem is not easy, timely, or cost effective.

The solution may be VariCel RF/C and VariCel RF/C+SAAFoxi filters. These filters provide high efficiency removal of multiple contaminants, including diesel engine fumes, for a variety of applications. VariCel RF/C filters use filter media containing 60% activity granular activated carbon to remove odors and gaseous pollution. VariCel RF/C+SAAFoxi filters are made with SAAFWeb™ technology containing equal volumes of 60% activated carbon and an exclusive formulation of activated alumina impregnated with 8% potassium permanganate (KMnO₄) to remove odors and light gases. Either loading will provide a fresher, more odor free environment.

Sturdy Construction and Dependability

The VariCel RF/C and RF/C+SAAFoxi filters, with galvanized steel construction and plastic pleat spacers on the air entering and air leaving sides, withstand the most demanding applications. The pleat spacers maintain the shape of the synthetic media pack and ensure that both the effectiveness and service life are maximized.

The strong construction of these filters, with a supported pleat media pack, helps maintain a compact unitized structure under variable air velocities and repeated fan shutdowns. The interlocked header and cell sides, along the entire length of each side, provide maximum sealing.

Additional Features

VariCel RF/C and RF/C+SAAFoxi filters replace existing HVAC filters of the same type with no changes required for frames or latches. They are packed in polyethylene to preserve capacity and cleanliness.

VariCel® RF/C, VariCel® RF/C+SAAFoxi™ Filters

Product Information

Product Number	Nominal Size (in.)	Actual Size (in.)	Media Area (ft. sq.)	Per Filter Pounds GAC-Wt.	*Initial Resistance (in. w.g.)		Final Resistance (in. w.g.)	MERV Rating
					300 FPM	500 FPM		
VariCel RF/C Filter (No Header)								
185-100-319	12 x 24 x 12	11 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	29.0	3.8	.17	.43	1.5	9
185-100-700	20 x 20 x 12	19 ³ / ₈ x 19 ³ / ₈ x 11 ¹ / ₂	39.9	5.3	.17	.43	1.5	9
185-100-782	20 x 24 x 12	19 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	48.3	6.4	.17	.43	1.5	9
185-100-863	24 x 24 x 12	23 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	58.7	7.8	.17	.43	1.5	9
VariCel RF/C Filter Type SH (Single Header)								
185-101-319	12 x 24 x 12	11 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	26.0	3.4	.17	.43	1.5	9
185-101-700	20 x 20 x 12	19 ³ / ₈ x 19 ³ / ₈ x 11 ¹ / ₂	35.4	4.7	.17	.43	1.5	9
185-101-782	20 x 24 x 12	19 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	43.4	5.7	.17	.43	1.5	9
185-101-863	24 x 24 x 12	23 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	52.6	7.0	.17	.43	1.5	9
VariCel RF/C+SAAFoxi Filter (No Header)								
185-110-319	12 x 24 x 12	11 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	29.0	4.8	.17	.43	1.5	9
185-110-700	20 x 20 x 12	19 ³ / ₈ x 19 ³ / ₈ x 11 ¹ / ₂	39.9	6.6	.17	.43	1.5	9
185-110-782	20 x 24 x 12	19 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	48.3	8.0	.17	.43	1.5	9
185-110-863	24 x 24 x 12	23 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	58.7	9.7	.17	.43	1.5	9
VariCel RF/C+SAAFoxi Filter Type SH (Single Header)								
185-111-319	12 x 24 x 12	11 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	26.0	4.3	.17	.43	1.5	9
185-111-700	20 x 20 x 12	19 ³ / ₈ x 19 ³ / ₈ x 11 ¹ / ₂	35.4	5.9	.17	.43	1.5	9
185-111-782	20 x 24 x 12	19 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	43.4	7.2	.17	.43	1.5	9
185-111-863	24 x 24 x 12	23 ³ / ₈ x 23 ³ / ₈ x 11 ¹ / ₂	52.0	8.6	.17	.43	1.5	9

Notes:

All performance data is based on ASHRAE 52.2 test method.
 Performance tolerances conform to section 7.4 of ARI Standard 850-78.
 UL Classified in accordance with UL Standard 900 and ULC-S111.
 Width and height dimensions are interchangeable.
 Headers are 13/16" (21mm).

Efficiency:

All models MERV 9.
**Maximum recommended final resistance in system design may indicate a lower changeout point.*

VariCel® is a registered trademark of AAF International in the U.S. and other countries.



9920 Corporate Campus Drive, Suite 2200, Louisville, KY 40223-5690
 888.223.2003 Fax 888.223.6500 | aafintl.com

AAF has a policy of continuous product research and improvement. We reserve the right to change design and specifications without notice.

©2023 AAF International and its affiliated companies.
 ISO Certified Firm GPF-1-122E 12/23