

THE WORLD LEADER IN CLEAN AIR SOLUTIONS

# VariCel® M-Pak

## Engineering Data

Supplement to Bulletin AFP-1-161

### Product Information—Standard Sizes

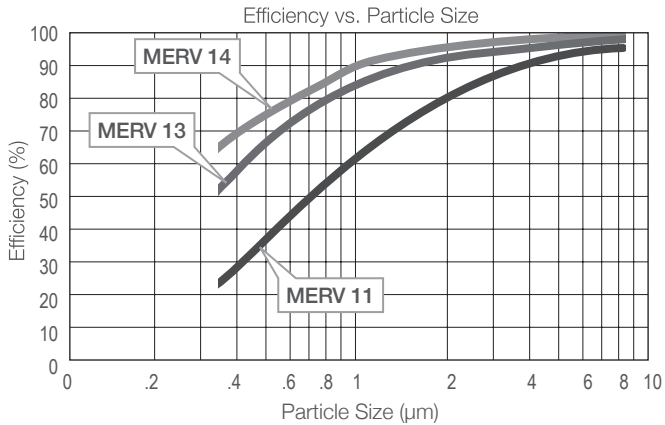
	<sup>(1,2)</sup> Nominal Size (Inches)	<sup>(3)</sup> Rated Airflow Capacity	Resistance (in. w.g.) Recommended		Gross Media Area (sq. ft.) Standard
			<sup>(4)</sup> Initial	Final	
<b><sup>(5)</sup>Rated Filter Face Velocity – 500 FPM</b>					
<b>MERV 14</b>	24 x 24 x 6	2000	.58	1.5	125
	20 x 25 x 6	1750	.58	1.5	108
	20 x 24 x 6	1660	.58	1.5	103
	20 x 20 x 6	1400	.58	1.5	84
	16 x 25 x 6	1400	.58	1.5	84
	16 x 20 x 6	1100	.58	1.5	65
	12 x 24 x 6	1000	.58	1.5	57
<b>MERV 13</b>	24 x 24 x 6	2000	.56	1.5	105
	20 x 25 x 6	1750	.56	1.5	90
	20 x 24 x 6	1660	.56	1.5	86
	20 x 20 x 6	1400	.56	1.5	70
	16 x 25 x 6	1400	.56	1.5	70
	16 x 20 x 6	1100	.56	1.5	54
	12 x 24 x 6	1000	.56	1.5	47
<b>MERV 11</b>	24 x 24 x 6	2000	.39	1.5	105
	20 x 25 x 6	1750	.39	1.5	90
	20 x 24 x 6	1660	.39	1.5	86
	20 x 20 x 6	1400	.39	1.5	70
	16 x 25 x 6	1400	.39	1.5	70
	16 x 20 x 6	1100	.39	1.5	54
	12 x 24 x 6	1000	.39	1.5	47

- (1) Width and height dimensions are interchangeable. VariCel M-Pak filters can be installed with the pleats either vertical or horizontal.
- (2) Actual dimensions are 5/8" less than nominal (24" x 24" is 23 3/8" x 23 3/8").
- (3) SCFM (Standard Cubic Feet Per Minute) Rated Airflow Capacity at "Standard" Conditions: 68°F (20°C) at Sea Level (29.92" of Mercury).
- (4) All performance data is based on ASHRAE Standard 52.2. Performance tolerances conform to Section 7.4 of ARI Standard 850-93.
- (5) VariCel M-Pak filters can be operated up to 125% of rated filter face velocity.

# VariCel® M-Pak Filters

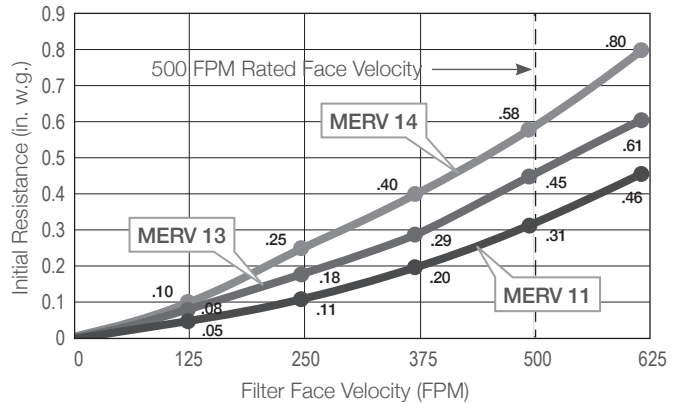
## Performance Data

### Composite Minimum Efficiency Curve



Tested in accordance with ASHRAE Standard 52.2.

### Initial Resistance vs. Filter Face Velocity



Filters are rated at 500 FPM filter face velocity. Recommended final resistance for all VariCel M-Pak filters is 1.5 in. w.g.

### Operating Temperature Limits

176°F (80°C)

### Underwriters Laboratories Classification

All VariCel M-Pak filters are UL Classified. Testing was performed according to UL Standard 900.

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

AFP-7-161D 12/23