

THE WORLD LEADER IN CLEAN AIR SOLUTIONS

# VariCel® M-Pak

## EXTENDED SURFACE PLEATED FILTER

### 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>	24x24x6	2000	.58	1.5	125
	20x25x6	1750	.58	1.5	108
	20x24x6	1660	.58	1.5	103
	20x20x6	1400	.58	1.5	84
	16x25x6	1400	.58	1.5	84
	16x20x6	1100	.58	1.5	65
	12x24x6	1000	.58	1.5	57
	<b>MERV 13</b>	24x24x6	2000	.56	1.5
20x25x6		1750	.56	1.5	90
20x24x6		1660	.56	1.5	86
20x20x6		1400	.56	1.5	70
16x25x6		1400	.56	1.5	70
16x20x6		1100	.56	1.5	54
12x24x6		1000	.56	1.5	47
<b>MERV 11</b>		24x24x6	2000	.39	1.5
	20x25x6	1750	.39	1.5	90
	20x24x6	1660	.39	1.5	86
	20x20x6	1400	.39	1.5	70
	16x25x6	1400	.39	1.5	70
	16x20x6	1100	.39	1.5	54
	12x24x6	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.

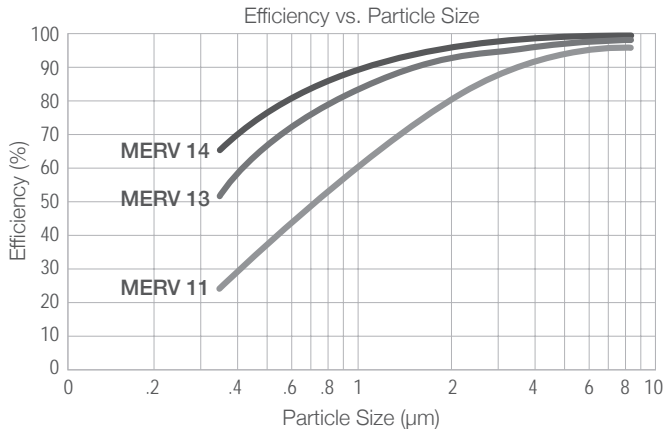


BETTER AIR IS OUR BUSINESS®

# VariCel® M-Pak

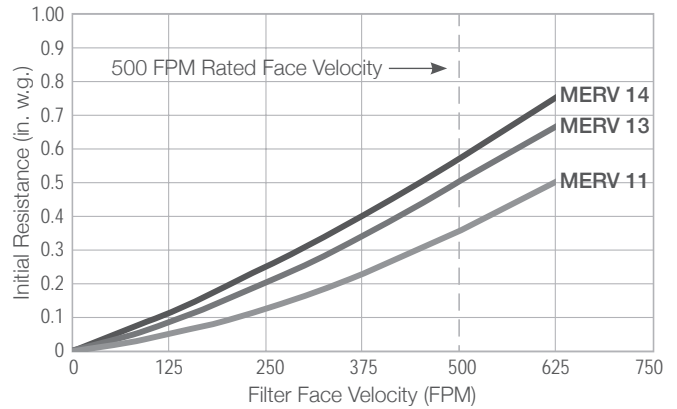
## Performance Data

### 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.



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

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

ISO Certified Firm  
AFP-7-161C 06/14

©2014 AAF International