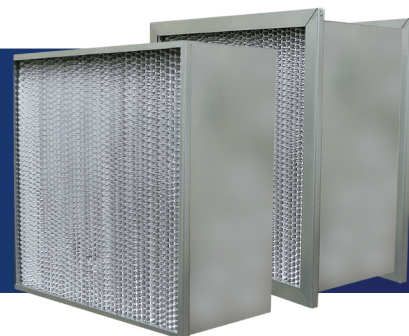


# Rigid Cell Filters



The **Extended Surface Rigid Cell Filter** is designed for high and medium-efficiency air filtration. It is ideal in applications where variable volume systems are in use as well as difficult operating conditions. Fluctuations in filter face velocity, turbulent airflow, or repeated fan shutdown have little to no effect on the filter's integrity or performance. Paper mat media is unaffected by humidity or intermittent exposure to water. If water does pass through the media, there will be a short period of higher resistance to airflow but will fall back down once dried.

## Features

- Available in 6" and 12" deep configurations
- Made from ultra-fine fiber microglass paper
- Available in box, single-header, and doubleheader configurations
- Corrugated aluminum separators with rolled edges
- 24-gauge galvanized steel cell sides

## Applications

Constructed for use in healthcare, universities, K-12 schools, and industrial filtration.

## Specifications

-MERV Rating - 11, 13, 14

-Particle Size Efficiency:

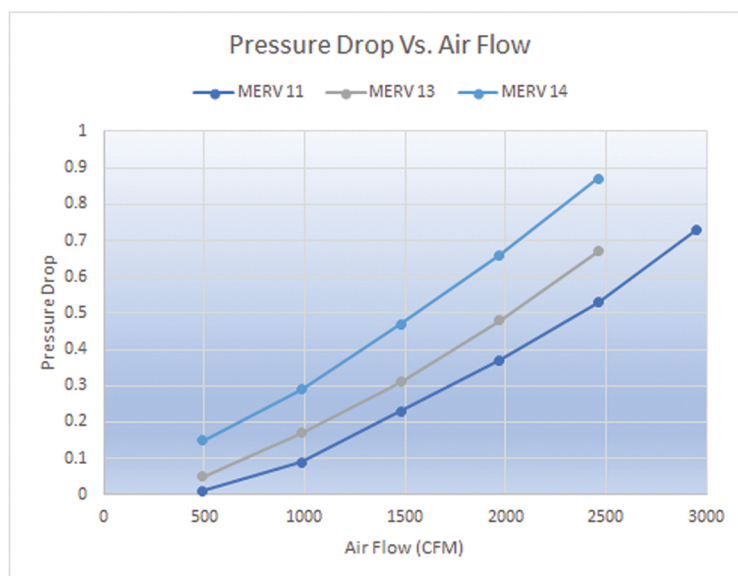
**MERV 11** - 85%  $\leq$  3.0 - 10.0  $\mu$ m, 65%  $\leq$  1.0 - 3.0  $\mu$ m, 20%  $\leq$  0.3 - 1.0  $\mu$ m.

**MERV 13** - 90%  $\leq$  3.0 - 10.0  $\mu$ m, 85%  $\leq$  1.0 - 3.0  $\mu$ m, 50%  $\leq$  0.3 - 1.0  $\mu$ m.

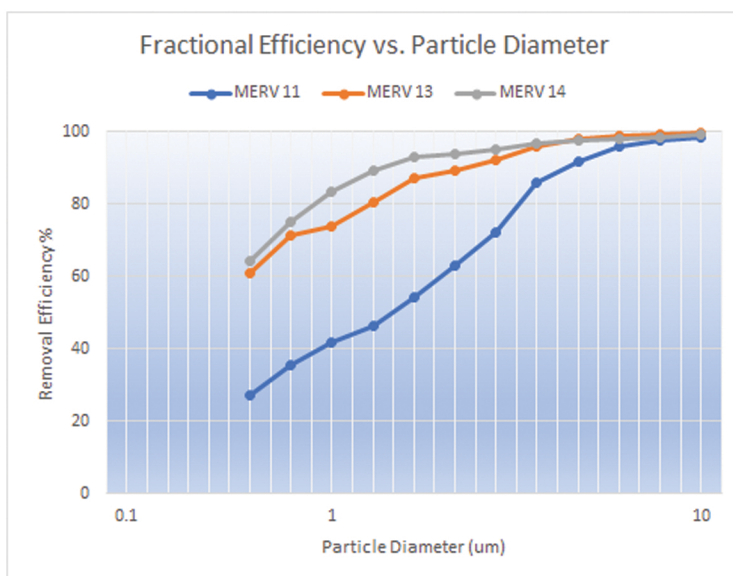
**MERV 14** - 95%  $\leq$  3.0 - 10.0  $\mu$ m, 90%  $\leq$  1.0 - 3.0  $\mu$ m, 75%  $\leq$  0.3 - 1.0  $\mu$ m.

-Media type - Microglass

-Final pressure drop - 1.5" w.g.



Per ASHRAE 52.2 Test Method



# Rigid Cell Filters



Part Number	Nominal Size (Inches)	Actual Size (Inches)			Initial Resistance (Inches w.g.)	Airflow Capacity
		Depth	Height	Width		
MERV 11						
1811SC12246	12 x 24 x 6	5 3/8	11 3/8	23 3/8	0.37	583
1811SC20206	20 x 20 x 6		19 3/8	19 3/8		700
1811SC24246	24 x 24 x 6		23 3/8	23 3/8		1000
1811SC122412	12 x 24 x 12	11 3/8	11 3/8	23 3/8		1000
1811SC202012	20 x 20 x 12		19 3/8	19 3/8		1400
1811SC202412	20 x 24 x 12		19 3/8	23 3/8		1650
1811SC242412	24 x 24 x 12		23 3/8	23 3/8		2000
MERV 13						
1813SC12246	12 x 24 x 6	5 3/8	11 3/8	23 3/8	0.48	583
1813SC20206	20 x 20 x 6		19 3/8	19 3/8		700
1813SC24246	24 x 24 x 6		23 3/8	23 3/8		1000
1813SC122412	12 x 24 x 12	11 3/8	11 3/8	23 3/8		1000
1813SC202012	20 x 20 x 12		19 3/8	19 3/8		1400
1813SC202412	20 x 24 x 12		19 3/8	23 3/8		1650
1813SC242412	24 x 24 x 12		23 3/8	23 3/8		2000
MERV 14						
1814SC12246	12 x 24 x 6	5 3/8	11 3/8	23 3/8	0.66	583
1814SC20206	20 x 20 x 6		19 3/8	19 3/8		700
1814SC24246	24 x 24 x 6		23 3/8	23 3/8		1000
1814SC122412	12 x 24 x 12	11 3/8	11 3/8	23 3/8		1000
1814SC202012	20 x 20 x 12		19 3/8	19 3/8		1400
1814SC202412	20 x 24 x 12		19 3/8	23 3/8		1650
1814SC242412	24 x 24 x 12		23 3/8	23 3/8		2000
Data Notes : Sizes above reflect our most commonly used sizes. If there is a size you're interested in please visit <a href="http://www.fcfilters.com">www.fcfilters.com</a> or call us at 800-687-5996						

**Data Notes :** Sizes above reflect our most commonly used sizes. If there is a size you're interested in please visit [www.fcfilters.com](http://www.fcfilters.com) or call us at 800-687-5996