

AVAILABLE IN MERV11-16

ADDITIONAL OPTIONS INCLUDE: SIDE GASKETING AND DOUBLE HEADER

LOW PRESSURE DROP ON FILTER EQUALS GREATER ENERGY SAVING

HEAVY CONSTRUCTION ALLOWS FOR EXCELLENT PERFORMANCE IN DIFFICULT APPLICATIONS, SUCH AS HIGH MOISTURE, 100% RELATIVE HUMIDITY

EXCELLENT PERFORMANCE IN VARIABLE AIR VOLUME SYSTEMS AND VARIABLE SPEED FANS

ENVIRONMENTALLY FRIENDLY AND SUSTAINABLE FOR LEED/GREEN BUILDING PROGRAMS CAN BE INCINERATED TO REDUCE LANDFILL

## APPLICATIONS

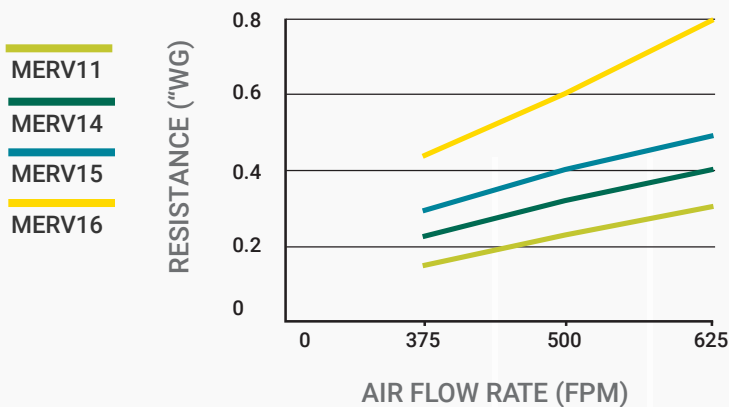
- Industrial
- Commercial
- Health Care
- Hospitals
- Office Space



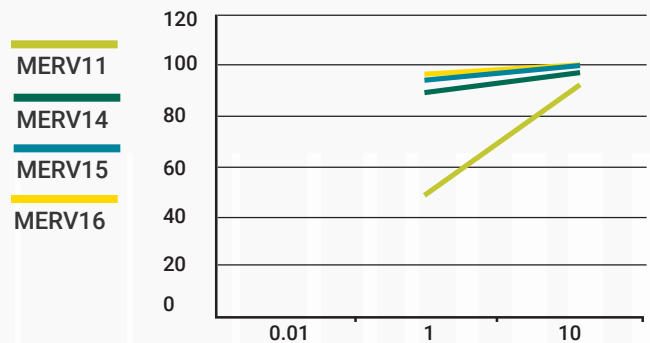
### MERV16 TECHNICAL INFO

<b>Construction</b>	Mini-Pleat Pack
<b>MERV Rating</b>	MERV16
<b>Filter Size (mm)</b>	592w x 287h x 292d
<b>Filter Size Nominal (Inches)</b>	24w x 12h x 12d
<b>Efficiency</b>	95% @0.3mic
<b>Optimum Air Volume</b>	1000 CFM
<b>Optimum Air Velocity</b>	500 fpm
<b>Initial Pressure Drop</b>	0.64" WG (160 Pa)
<b>Rec. Final Resistance</b>	2" WG (500 Pa)
<b>Maximum Humidity</b>	100%

### INITIAL RESISTANCE (W.G.) - 24X24X12 DATA



### V-CELL MINIMUM REMOVAL EFFICIENCY



## INITIAL RESISTANCE 24X24X12

MERV	375 FPM	500 FPM	625 FPM	FINAL RESISTANCE
11	0.14	0.22	0.3	2
14	0.22	0.33	0.4	2
15	0.29	0.4	0.48	2
16	0.43	0.6	0.8	2

## V-CELL PRODUCT TECHNICAL INFORMATION

NOMINAL DIMENSION	WIDTH	HEIGHT	DEPTH	MERV	AIR FLOW: CFM		AIR FLOW: CMH		INITIAL RESISTANCE		MEDIA AREA
					500 FPM	625 FPM	2.54 M/S	3.17 M/S	500FPM/ 2.54M/S	625FPM/ 3.17M/S	SQ FT
24x24x12	23.3	23.3	11.5	15	2000	2500	3400	4250	0.44	0.58	198
20x24x12	19.3	23.3	11.5	15	1650	2060	2805	3500	0.44	0.58	162
12x24x12	11.3	23.3	11.5	15	1000	1250	1700	2125	0.44	0.58	91
24x24x12	23.3	23.3	11.5	14	2000	2500	3400	4250	0.4	0.53	198
20x24x12	19.3	23.3	11.5	14	1650	2060	2805	3500	0.4	0.53	162
12x24x12	11.3	23.3	11.5	14	1000	1250	1700	2125	0.4	0.53	91
24x24x12	23.3	23.3	11.5	13	2000	2500	3400	4250	0.36	0.46	198
20x24x12	19.3	23.3	11.5	13	1650	2060	2805	3500	0.36	0.46	162
12x24x12	11.3	23.3	11.5	13	1000	1250	1700	2125	0.36	0.46	91
24x24x12	23.3	23.3	11.5	11	2000	2500	3400	4250	0.31	0.4	198
20x24x12	19.3	23.3	11.5	11	1650	2060	2805	3500	0.31	0.4	162
12x24x12	11.3	23.3	11.5	11	1000	1250	1700	2125	0.31	0.4	91