

# ENDUREX

## MERV 13

Industrial and commercial grade MERV 13 pleated filter improves air quality and helps alleviate potentially negative health effects triggered by airborne particulates in the PM1, PM2, and PM10 range.



### BENEFITS



**Improved** Indoor Air Quality (IAQ)



**Reduce** dangerous PM2.5 particulate



**Recommended** by ASHRAE

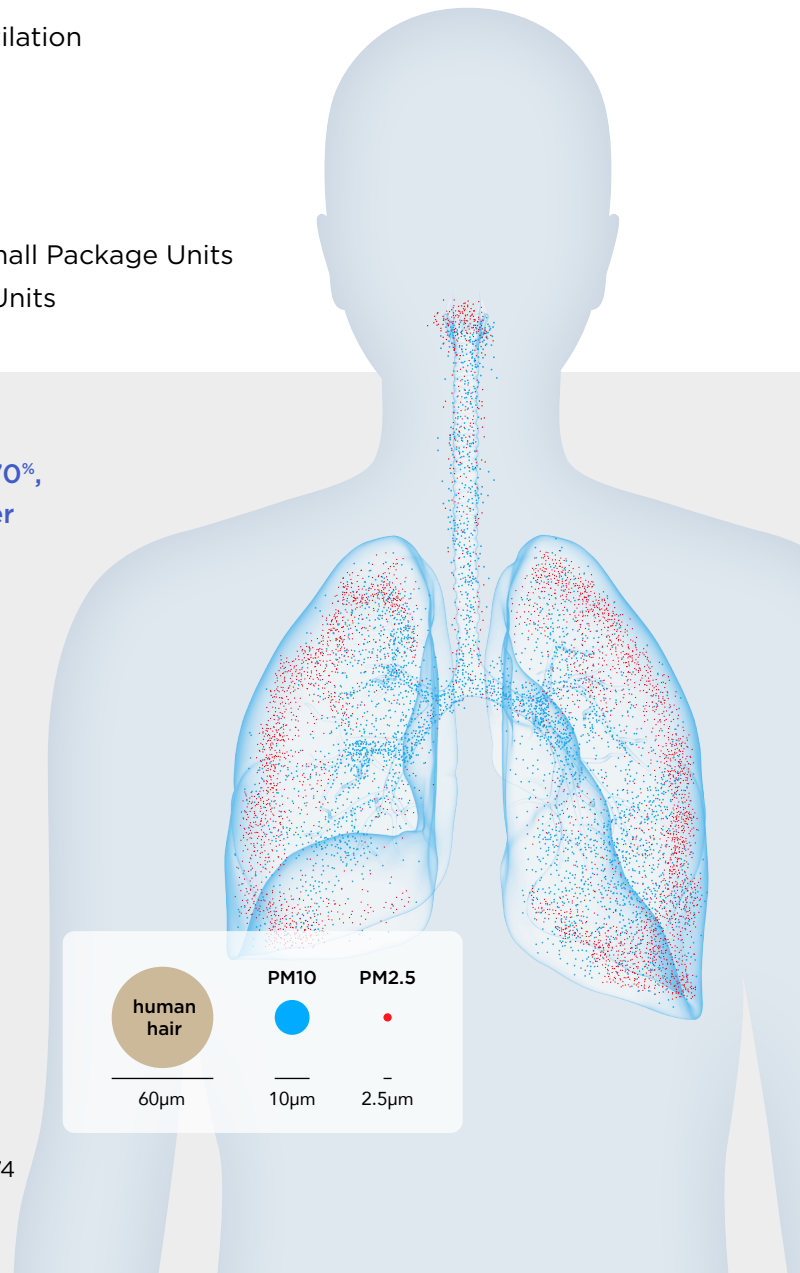
### APPLICATIONS

- HVAC Systems
- Mechanical Ventilation
- Fan Walls
- Outdoor Air
- Fresh Air Intake
- Mix Air
- Recirculating Small Package Units
- Large Package Units

### WHY MERV 13

Endurex® MERV 13 has a PM2.5<sub>52.2</sub> efficiency of at least 70%, providing reliable protection against microscopic matter deemed harmful to humans.

US AQI Efficiency		PM1 <sub>52.2</sub>	PM2.5 <sub>52.2</sub>	PM10 <sub>52.2</sub>	
Particles	PM1	MERV 16	98	98	98
	PM2.5	MERV 15	90	91	93
		MERV 14	80	85	88
	PM10	<b>MERV 13</b>	<b>63</b>	<b>75</b>	<b>81</b>
Gases	NO2	MERV 12	43	63	72
	O3	MERV 11	28	50	63
	SO2	MERV 10	15	36	52
		MERV 9	8	25	43
	CO	MERV 8	5	16	35



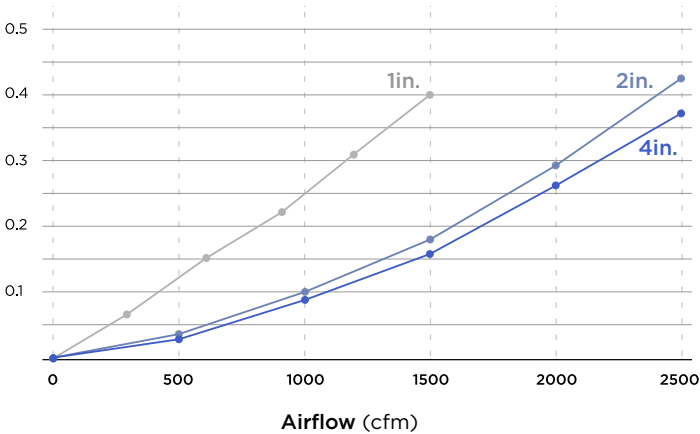
ISO-certified media and board weights  
CDC-recommended

## PRODUCT DATA

Nominal	Actual	Airflow <i>cfm</i>	Face Velocity <i>fpm</i>	Initial Resistance <i>inches W.C.</i>	Recommended Final Resistance <i>based on energy consumption</i>
12" x 24" x 1"	11.75" x 23.5" x 0.75"	600	300	0.31	0.62
16" x 20" x 1"	15.5" x 19.5" x 0.75"	667			
16" x 25" x 1"	15.5" x 24.5" x 0.75"	833			
18" x 24" x 1"	17.5" x 23.5" x 0.75"	900			
20" x 20" x 1"	19.5" x 19.5" x 0.75"	833			
20" x 24" x 1"	19.5" x 23.5" x 0.75"	1000			
20" x 25" x 1"	19.5" x 24.5" x 0.75"	1042			
24" x 24" x 1"	23.5" x 23.5" x 0.75"	1200			
12" x 24" x 2"	11.375" x 23.375" x 1.75"	1000			
16" x 16" x 2"	15.75" x 15.75" x 1.75"	889			
16" x 20" x 2"	15.5" x 19.5" x 1.75"	1111			
16" x 25" x 2"	15.5" x 24.5" x 1.75"	1389			
18" x 24" x 2"	17.375" x 23.375" x 1.75"	1500			
20" x 20" x 2"	19.5" x 19.5" x 1.75"	1389			
20" x 24" x 2"	19.375" x 23.375" x 1.75"	1667			
20" x 25" x 2"	19.5" x 24.5" x 1.75"	1736			
20" x 30" x 2"	19.75" x 29.75" x 1.75"	2083			
24" x 24" x 2"	23.375" x 23.375" x 1.75"	2000	500	0.26	0.52
12" x 24" x 4"	11.75" x 23.5" x 3.75"	1000			
16" x 20" x 4"	15.5" x 19.5" x 3.75"	1111			
16" x 25" x 4"	15.5" x 24.5" x 3.75"	1389			
18" x 24" x 4"	17.375" x 23.375" x 3.75"	1500			
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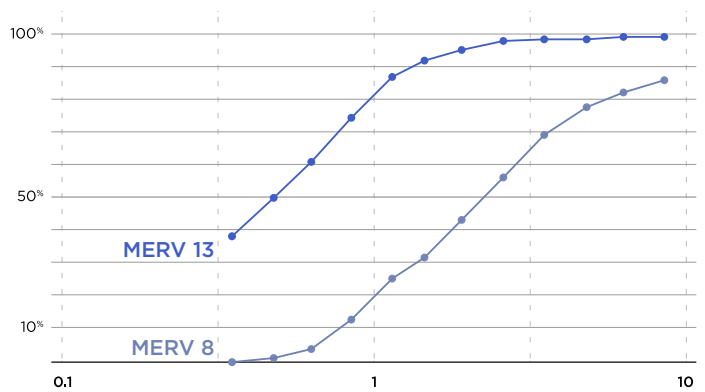
## RESISTANCE

*in W.C.*



## REMOVAL EFFICIENCY

*Particle size in micrometers*



## PERFORMANCE EFFICIENCY

	PM1 <sub>52.2</sub>	PM2.5 <sub>52.2</sub>	PM10 <sub>52.2</sub>
<b>MERV 13</b>	<b>63%</b>	<b>75%</b>	<b>81%</b>

For questions and orders contact  
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or visit [Rensafiltration.com](http://Rensafiltration.com)