

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, PM2.5, 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

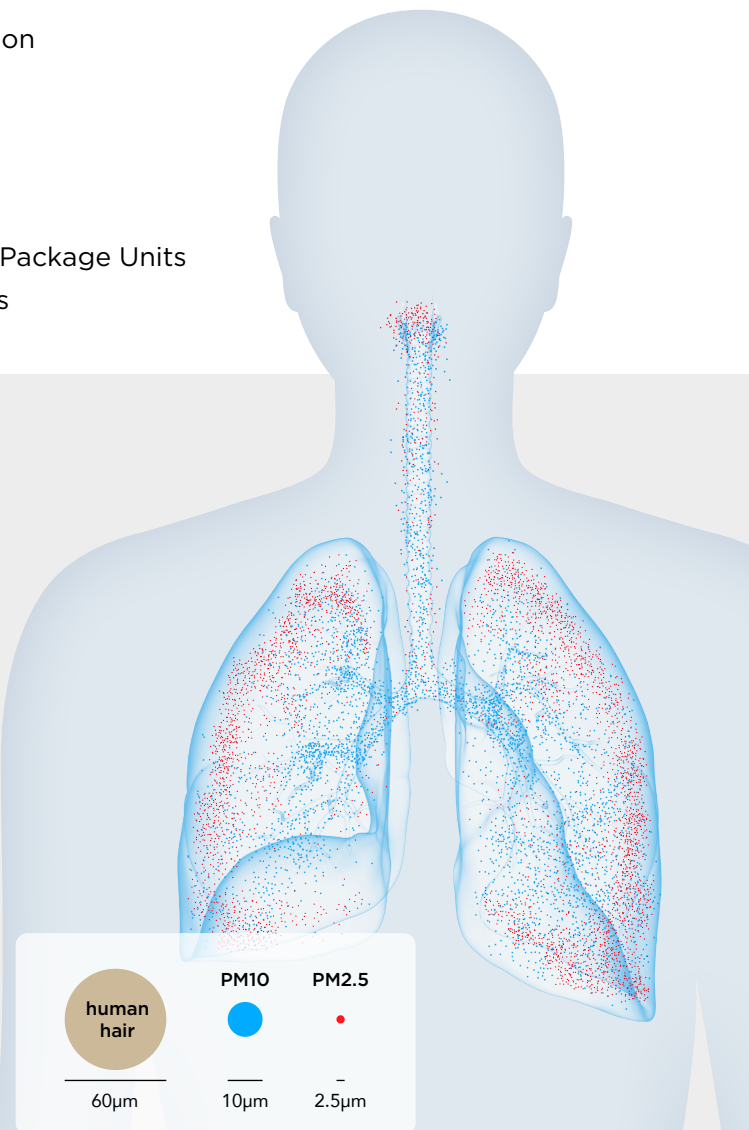
WHY MERV 13

Endurex® MERV 13 has a PM2.5_{52.2} efficiency of at least 70%, providing reliable protection against microscopic matter deemed harmful to humans.

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



ISO-certified media and board weights
CDC-recommended

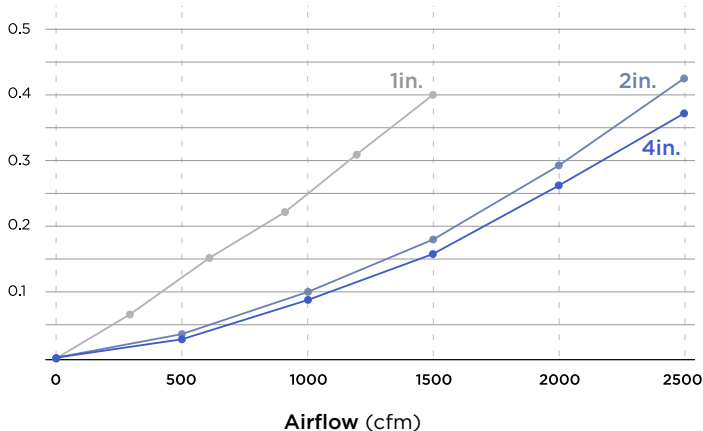


PRODUCT DATA

Nominal	Actual	Airflow cfm	Face Velocity fpm	Initial Resistance inches W.C.	Recommended Final Resistance based on energy consumption
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	500	0.29	0.58
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	500	0.26	0.52
24" x 24" x 2"	23.375" x 23.375" x 1.75"	2000			
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			
20" x 20" x 4"	19.5" x 19.5" x 3.75"	1389			
20" x 24" x 4"	19.375" x 23.375" x 3.75"	1667			
20" x 25" x 4"	19.5" x 24.5" x 3.75"	1736	500	0.26	0.52
24" x 24" x 4"	23.375" x 23.375" x 3.75"	2000			

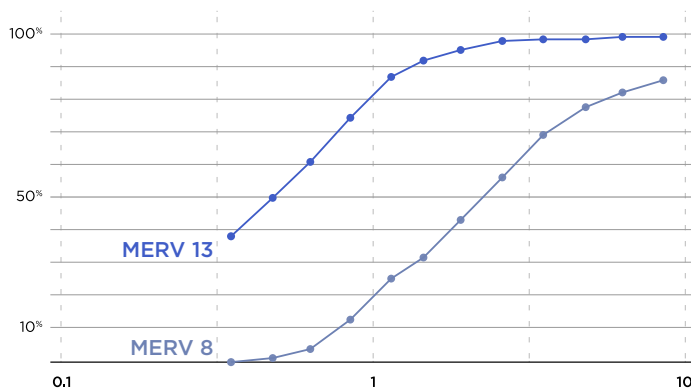
RESISTANCE

in W.C.



REMOVAL EFFICIENCY

Particle size in micrometers



PERFORMANCE EFFICIENCY

	PM1 _{52.2}	PM2.5 _{52.2}	PM10 _{52.2}
MERV 13	63%	75%	81%

For questions and orders contact
Rensa Filtration at info@rensafiltration.com
or visit Rensafiltration.com