

ENDUREX

MERV 10

Industrial and commercial grade MERV 10 pleated filter helps protect HVAC equipment from airborne particles that can clog coils and reduce temperature transfer efficiency with very little resistance to airflow.



BENEFITS



Protects coils and ductwork from buildup



Reduce PM10 particulate by 50%



Low Resistance to airflow

APPLICATIONS

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

WHY MERV 10

Endurex® MERV 10 provides elevated fine particulate efficiency compared to industry standard MERV 8 filters, better protecting occupants and HVAC equipment.

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



Tested via ASHRAE Test Standard 52.2-2017

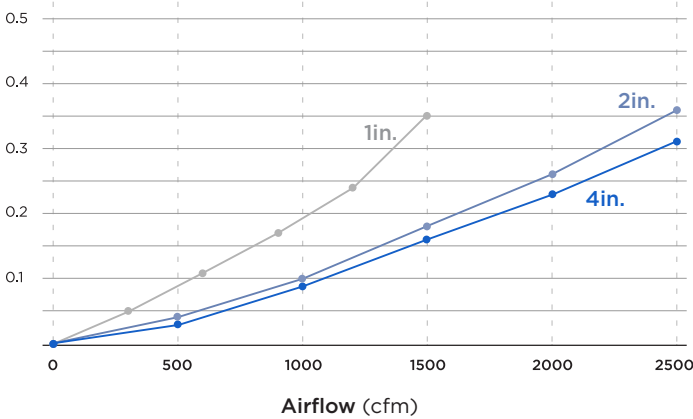


PRODUCT DATA

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"	11.5" x 23.5" x 0.75"	600	300	0.24	0.48
16" x 20" x 1"	15.5" x 19.5" x 0.75"	667			
16" x 25" x 1"	15.5" 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" 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	0.23	0.46
12" x 24" x 4"	11.375" x 23.375" 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" 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			
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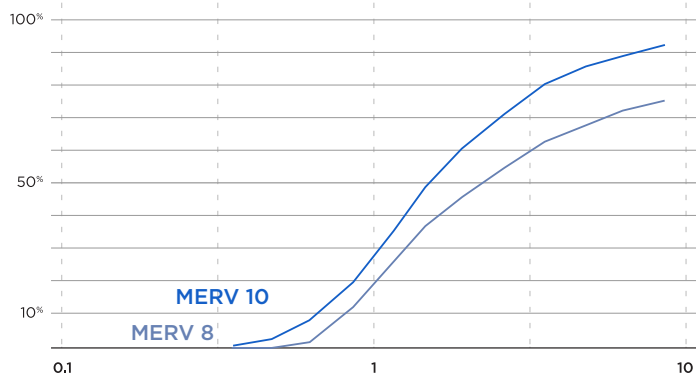
RESISTANCE

in W.C.



REMOVAL EFFICIENCY

Particle size in micrometers



PERFORMANCE EFFICIENCY

	PM1 _{52.2}	PM2.5 _{52.2}	PM10 _{52.2}
MERV 10	15%	36%	52%

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