

SuperFlo Fine Particulate MERV 12

MERV 12

Industrial and commercial grade medium efficiency MERV 12 pleated filter improves air quality while protecting coils, ductwork, and HVAC equipment. MERV 12 provides excellent prefiltration for higher efficiency final filters.



BENEFITS



Improved Indoor Air Quality (IAQ)



Reduce dangerous PM10 particulate



Maximum service life

APPLICATIONS

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

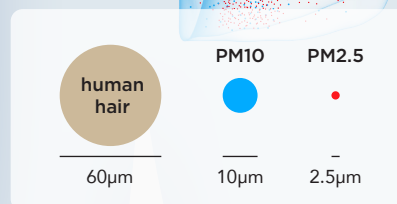
MEDIUM EFFICIENCY MERV 12

SuperFlo Fine Particulate® MERV 12 has a PM10_{52.2} efficiency of at least 72%, providing reliable protection against airborne 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
	NO2	MERV 11	28	50	63
	O3	MERV 10	15	36	52
	SO2	MERV 9	8	25	43
	CO	MERV 8	5	16	35



Tested via ASHRAE
Test Standard 52.2-2017





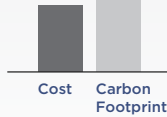
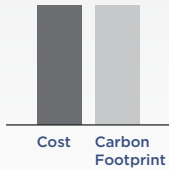
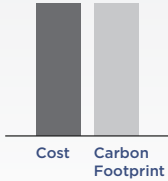
12" ASHRAE CELL
- 1960's -



12" RIGID FILTER
- 1970's -



12" 2-V
- 2000's -



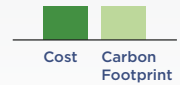
Carbon Footprint includes electricity, fuel, waste, offsets, landfill, emissions, transport.

BENEFITS

- 100% Moisture Resistant
- Optional Factory Gasket
- Advanced Design
- Low Resistance
- Compact
- Saves Energy
- Saves Freight
- Saves Storage Space
- Easy & Safe Install
- Low T.O.C.

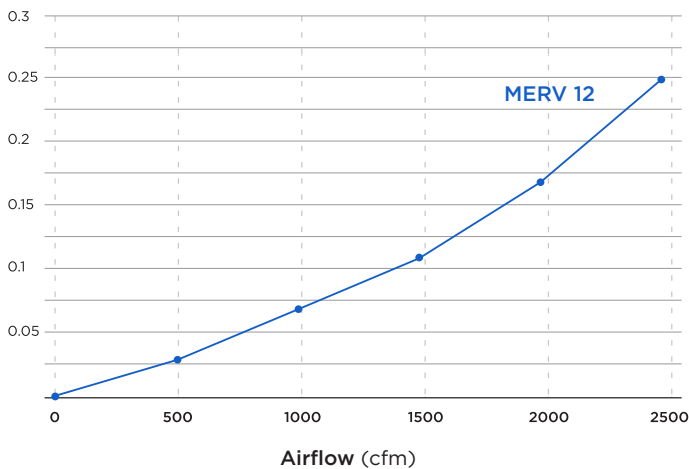
The SuperFlo MERV 12 is a less expensive and modern alternative to vintage, larger models. Decrease energy costs while lowering your carbon footprint and obtaining better results in a compact easy to handle design.

4" SUPERFLO M12
- 2023 -

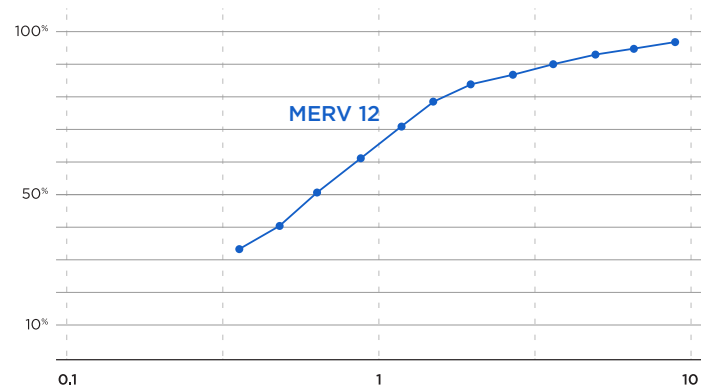


Part Number Box and Header (SH)	Nominal	Actual	Airflow cfm	Box Style		Single Header	
				Initial Resistance inches W.C.	Functional Filter Media Area ft ²	Initial Resistance inches W.C.	Functional Filter Media Area ft ²
RSF1212244(SH)	12" x 24" x 4"	11.3" x 23.3" x 3.75"	1000	0.17"	36.0	0.23"	30.0
RSF1216204(SH)	16" x 20" x 4"	15.3" x 19.3" x 3.75"	1111	0.17"	42.6	0.23"	54.0
RSF1216254(SH)	16" x 25" x 4"	15.3" x 24.3" x 3.75"	1389	0.17"	54.2	0.23"	69.3
RSF1218244(SH)	18" x 24" x 4"	17.3" x 23.3" x 3.75"	1500	0.17"	59.0	0.23"	50.1
RSF1220204(SH)	20" x 20" x 4"	19.3" x 19.3" x 3.75"	1389	0.17"	54.4	0.23"	45.9
RSF1220244(SH)	20" x 24" x 4"	19.3" x 23.3" x 3.75"	1667	0.17"	66.7	0.23"	56.6
RSF1220254(SH)	20" x 25" x 4"	19.3" x 24.3" x 3.75"	1736	0.17"	68.8	0.23"	59.4
RSF1224244(SH)	24" x 24" x 4"	23.3" x 23.3" x 3.75"	2000	0.17"	80.8	0.23"	70.0

RESISTANCE in W.C.



REMOVAL EFFICIENCY Particle size in micrometers



SuperFlo MERV 12 is constructed with a moisture resistant and highly durable synthetic bi-component spunbond media.

PERFORMANCE DATA (INDEPENDENT TEST DATA)

	PM1 _{52.2}	PM2.5 _{52.2}	PM10 _{52.2}
MERV 12	55%	82%	96%

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