



## SuperFlo Fine Particulate MERV 15

### MERV 15

Industrial and commercial grade high efficiency MERV 15 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

#### HIGH EFFICIENCY MERV 15

SuperFlo Fine Particulate® MERV 15 has a PM2.5<sub>52.2</sub> efficiency of at least 91%, 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	98	98	98
	<b>MERV 15</b>	<b>90</b>	<b>91</b>	<b>93</b>
	PM2.5	80	85	88
	PM10	63	75	81
Gases	NO2	43	63	72
	O3	28	50	63
	SO2	15	36	52
	MERV 9	8	25	43
	CO	MERV 8	5	16



ISO-certified media and board weights  
CDC-recommended

human hair 60µm

PM10 10µm

PM2.5 2.5µm



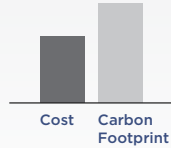
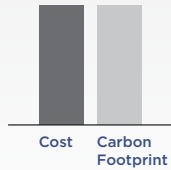
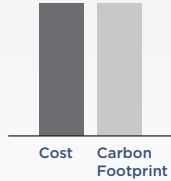
12" ASHRAE CELL  
- 1960's -



12" RIGID FILTER  
- 1970's -



12" 2-V  
- 2000's -

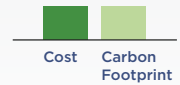


Carbon Footprint includes electricity, fuel, waste, offsets, landfill, emissions, transport.

## BENEFITS

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

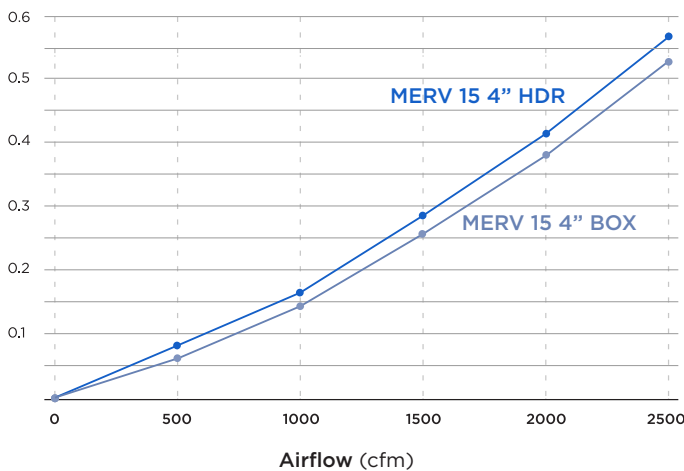
4" SUPERFLO M15  
- 2022 -



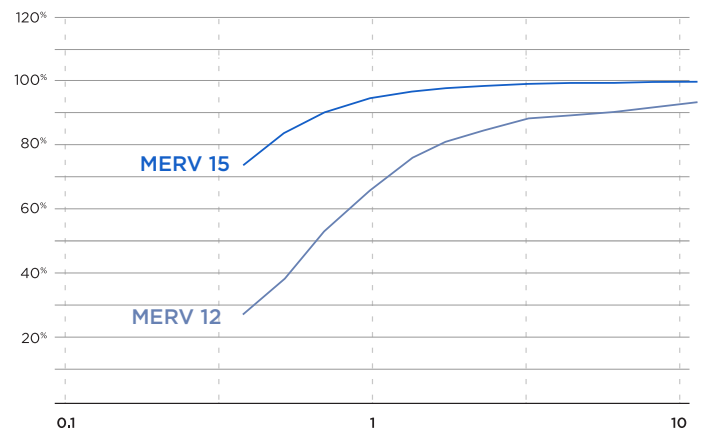
The SuperFlo MERV 15 is a less expensive and modern alternative to vintage, larger models. Decrease energy costs while lowering your carbon footprint and obtaining better results in a compact easy to handle design.

Part Number Box and Header (SH)	Nominal	Actual	Airflow cfm	Box Style		Single Header	
				Initial Resistance inches W.C.	Functional Filter Media Area ft <sup>2</sup>	Initial Resistance inches W.C.	Functional Filter Media Area ft <sup>2</sup>
RSF1512244DG(SH)	12" x 24" x 4"	11.3" x 23.3" x 3.75"	1000	0.38"	30.6	0.41"	25.5
RSF1516204DG(SH)	16" x 20" x 4"	15.3" x 19.3" x 3.75"	1111	0.38"	36.1	0.41"	29.8
RSF1516254DG(SH)	16" x 25" x 4"	15.3" x 24.3" x 3.75"	1389	0.38"	45.9	0.41"	38.5
RSF1518244DG(SH)	18" x 24" x 4"	17.3" x 23.3" x 3.75"	1500	0.38"	49.9	0.41"	42.4
RSF1520204DG(SH)	20" x 20" x 4"	19.3" x 19.3" x 3.75"	1389	0.38"	46.1	0.41"	38.9
RSF1520244DG(SH)	20" x 24" x 4"	19.3" x 23.3" x 3.75"	1667	0.38"	56.0	0.41"	48.0
RSF1520254DG(SH)	20" x 25" x 4"	19.3" x 24.3" x 3.75"	1736	0.38"	58.5	0.41"	50.3
RSF1524244DG(SH)	24" x 24" x 4"	23.3" x 23.3" x 3.75"	2000	0.38"	68.1	0.41"	59.3

## RESISTANCE in W.C.



## REMOVAL EFFICIENCY Particle size in micrometers



SuperFlo MERV 15 is constructed with a moisture resistant and highly durable synthetic tri-layer blend of spunbond and meltblown micro fibers.

## PERFORMANCE EFFICIENCY

	PM1 <sub>52.2</sub>	PM2.5 <sub>52.2</sub>	PM10 <sub>52.2</sub>
<b>MERV 15</b>	<b>90%</b>	<b>91%</b>	<b>93%</b>

For questions and orders contact Rensa Filtration at [info@rensafiltration.com](mailto:info@rensafiltration.com) or visit [Rensafiltration.com](http://Rensafiltration.com)