

SM Series Small-Media Filtration Collectors

AER Control Systems SM Series Small Media Collection systems are designed to provide efficient, cost effective control of mist, dust, smoke contaminants generated from a variety of wet machining, grinding, turning, milling, drilling, and other manufacturing and process applications that generate wet contaminants.

A variety of mounting options are available for the compact but powerful collection systems. The smaller SM-5 series collectors are primarily designed for direct machine mounting, but they can also be ceiling hung on smaller machine applications. A full line of accessories and options are available to simplify the installation.

As with our larger Media Collection Systems, the SM series design provides the ultimate in filtration efficiency and performance but in a small, compact machine mountable package. The modular design of the larger SM-12 unit allows for the simple integration of the additional HEPA filter module if secondary contaminants are generated in the manufacturing operations.

Key Features

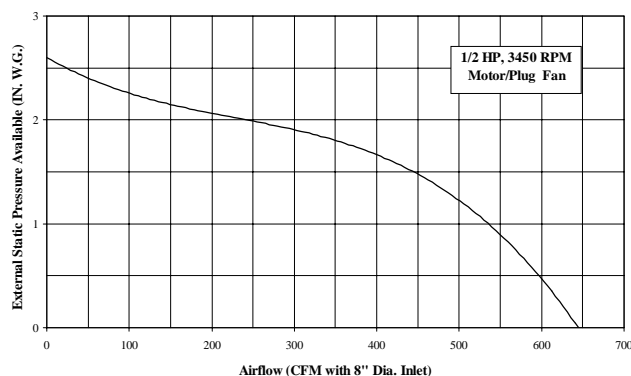
- Direct Machine Mounting capability
- Minihelic Gauge with a range of 0-5" for visibility of filter loading
- Efficient, direct drive, backward curve plug fan blowers
- Standard with on/off switch on 1ph units

Options

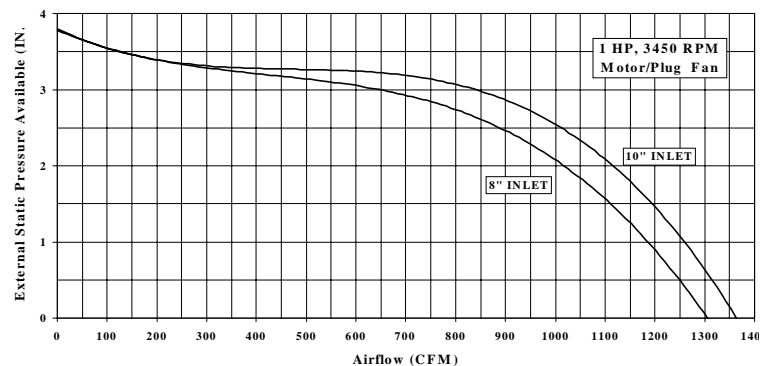
- HEPA Module (SM-12 only): with an efficiency rating of 99.97% @ 0.3 microns
- Leg Mounting Kit (SM-12 only)
- Plenum w/Drain Hose Kit (SM-12 only)
- Wall or Machine Mount Brackets
- Drain Bottles
- 6", 8", & 10" Hose Kits
- Silencers



Model SM-5 UNIT PERFORMANCE CURVE at 60 Hz
(200 wheel)



Model SM-12 UNIT PERFORMANCE CURVE at 60 Hz
(with 250 wheel)



Unit Type	Filter Area	CFM	Mtr HP	Weight lbs	LXWXH in.
SM-5	23	500	.5	95	21 x 18.188 x 39
SM-12	58	1200	1	165	28.688 x 25.6 x 42
SMH-12	58	1200	1.5	283	28.688 x 25.6 x 59.3