

Electrostatic Air Filter Data Sheet

Model	Sizes available	Description
ESS 94% Arrestance	Custom	Self Charging, Permanent Electrostatic Air Filter
Test Data		
PEAK ARRESTANCE:	94.7	ASHRAE 52.1 Protocol
INITIAL RESISTANCE	0.12" W.G.	ASHRAE 52.1 Protocol
DUST HOLDING	185 grams	ASHRAE 52.1 Protocol
AIRFLOW RATE	300 FPM	ASHRAE 52.1 Protocol
END POINT OF TEST	0.50" W.G.	ASHRAE 52.1 Protocol
Typical MERV Rating	8	ASHRAE 52.2 Protocol
Construction		
Number of Layers	Description of Material	Purpose
2	Extruded Polypropylene	Self Charging Electrostatic Filter
1	Non-Woven Polyester	Depth Loading, Impingement type secondary filter
2	Expanded Steel	Support and Air Foil
1	Galvanized Steel	Structurally holds and seals filter material Layers
1	Outer Polyolefin Film	Protection filter in shipping. Remove before installation.

