



Electrostatic Precipitator • Series "SEP"

Applications: Oil Mist, Aerosol, Thermal Smoke.

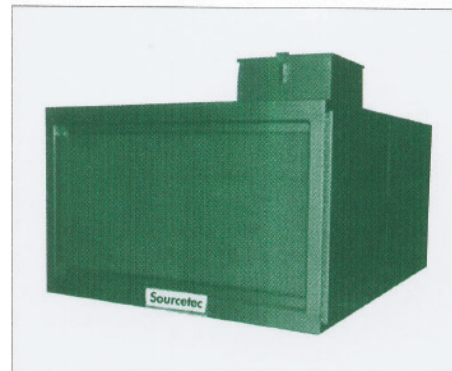
Options: Dual pass for heavy duty applications.

General Description

Sourcetec unit is designed to be wall mounted or ceiling hung in workplaces where air filtration and recycling is a must. It removes all contaminants such as airborne smoke, fumes, and oil mist from the air stream in a wide variety of applications. It can be ducted to provide source capture, or free to provide general ventilation.

Principle of Operation

It uses the principle of electrostatic precipitation to remove contaminants from the air stream. As the air enters the unit through the intake grill, large particles are captured by the prefilter, smaller particles enter the cell and pass over the wires to receive a positive charge. As the charged particles continue through the cell, the positive plates repel them, and the negative or grounded plates attract them. Thus, the smoke particles are collected on the negative plates. The active is positive, safe, and simple.



Construction

The Sourcetec unit is constructed of 16 GA steel, is continuously welded per applicable codes, and is available in special coating as an option. Drain is standard on all our precipitators. The power pack is prewired. The access door is equipped with a safety disconnect switch to deactivate the precipitator components when the door is opened.

TECHNICAL DATA				
Model #	Air Flow Volume	SWG (SP) External	HP	Weight (lbs.)
SEP-1200	900-1200	0 - 2"	1 - 2	170
SEP-2400	1800-2400	0 - 2"	1 - 3	315
SEP-5200	3800-5200	0 - 3"	2 - 5	490

* Engineering technical specifications available upon request.

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The future is clean air ... the future is Sourcetec®