

Small Portable Cartridge Collector

About



AER Control Systems' Small Portable Cartridge Collector (SPC Series) is designed to be a cost effective, high efficient, alternative approach in filtering dusts, fume, smoke, gasses, and vapors. The SPC Unit complies with OSHA on operations generating welding fume, dusts from grinding or sanding, and other processes. It also complies or sanding, and other processes. It also complies with OSHA's new

Hexavalent Chromium standard. Typically used for control of low to moderate concentrations of dry contaminants, the SPC unit is provided with a cost effective manual push button pulse-jet filter cleaning to minimize filter maintenance and reduce replacement filter costs.

The SPC Unit has a horizontally mounted cartridge for lower center of gravity making it a safer unit. The Small Portable Cartridge Collector can be configured several difference ways. Multiple inlets to include either extraction arm, downdraft bench, or slotted backdraft hood. Motor horsepower choices are 1.5 HP and 3 HP TEFC electric motors, manual push button filter cleaning system, large 10 inch rear casters for excellent mobility, 5 inch front swivel casters, 6 or 8 inch by 10 foot externally supported extraction arm, and push handle with power cord and switch for plug and go operation.

Features

- 1000 or 2000 Nominal CFM @ 5.5 inches of static pressure
- Single-phase 1.5 HP or three-phase 3 HP TEFC motor with switch, cord on 1.5 HP only
- Direct drive backward inclined airfoil non-overloading fan
- 177 or 295 square feet of filter area providing filter efficiency of 99% at 0.5 microns
- 80/20 Polyester Blend flame retardent HEPA-like cartridge filter
- Internal baffle protecting cartridge filter
- Manual push button pulse-jet filter cleaning system
- Easy tool-less filter change-out
- Mini-helic filter change-out guage
- Dust collection drawer
- 6- or 8-inch by 10-foot externally supported extraction arm
- 10-inch rear wheels and 5 inch front swivel wheels
- 11- and 14-guage heavy duty metal construction
- Kelly Green industrialized textured powder coat finish

Options

- HEPA Module to offer 99.7% @ 0.3 micron efficiency
- Carbon Module: for the removal of gas/vapors and odors
- Multiple inlet options available, arm, bench, or hood
- Spark trap
- Auto-Pulse
- No pulse cleaning system