

Portable Units • Welding Source Capture



PCFS - Portable Cartridge Filter Systems

OVERVIEW:

Portable Filtration Units are offered in both cartridge and HEPA filter configurations. A variety of media options are available for both. Our fume arms may be added to these units for source capture applications.

Typical applications, for these units, are welding/maintenance shops, school shop environments, and other locations where a permanently installed system is not practical.

FEATURES:

- Offered in both cartridge and HEPA filter configurations
- 7' and 10' arm lengths available
- Optional filters available
- Plugs into standard 120-volt outlet, supplied with 25', 12-gauge, 3-wire cord with ground plug
- Available less arm for duct connection
- Heavy Gauge Steel Cabinet
- Baked enamel finish
- Internal air distribution - baffle - spreads dirty air evenly across filter
- Dirty air chamber, clean air chamber, doors sealed air tight
- 5" hard rubber ball casters with foot brakes
- Control panel includes: On/Off rocker switch, On/Off indicator light, Filter indicator light, operation hours counter

BENEFITS:

- Small footprint
- Easily transported
- Discharges clean air back into workspace

APPLICATIONS:

- Welding/Maintenance Shops, School Shop Environments, Anywhere a Fixed Filtering System is Not Practical

PHS • PCFS TECHNICAL DATA

Motor:
1.5 HP, 1 PH, 3450 RPM

Fan:
750 CFM Actual

Weight PCFS:
Cabinet less arm - 360 lbs.

Weight PHS:
Cabinet less arm - 300 lbs.

Cabinet:
18-gauge steel with Epoxy powder coating

Wheels:
4 Casters, 5" diameter, with locking feature

Voltage:
115/120/1 Pre-wired power cord

AMP Draw:
Start-up requires 13 AMPS - Minimum 20 AMP Service

Filter Monitor Lights:
Standard on all units