

20. PORTABLE UNITS, WELDING SOURCE CAPTURE



PCFS, Portable Cartridge Filter System

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 length configurations 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:

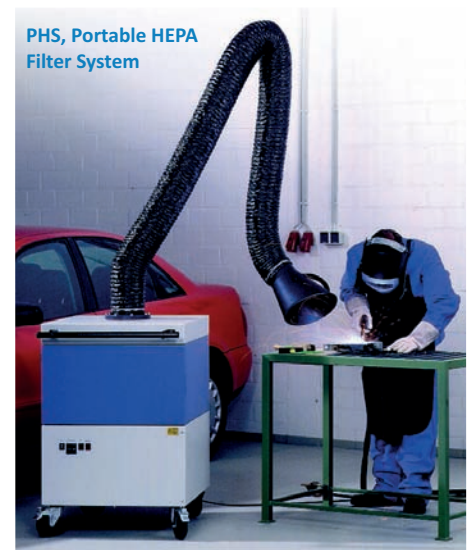
- Small footprint
- Easily transported
- Discharges clean air back into workspace

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



PHS, Portable HEPA Filter System