

Model 400 Portable Floor Sentry

Model # SS-400-PFS



The **Portable Floor Sentry Fume Extractor** is used as a respiratory safety control for a variety of industrial applications that require the capture and filtration of airborne contaminants and chemical fumes. This source capture fume extractor features quiet operation, a powerful fan, a flame-retardant and self-supportive flex arm, and a variety of high quality filtration media.

Typical applications for this unit include: *welding fume control, chemical fume extraction, solvent and epoxy fume control, particulate extraction, powder filling, soldering, light grinding, clean room applications, and a variety of applications involving chemical fumes and dust.*

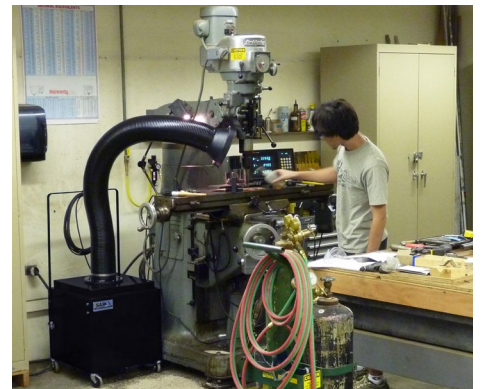
Several filter media options are available for this unit and include: **HEPA filtration** [up to 99.97% efficiency on particles 0.3 microns and larger], **ASHRAE filtration** [up to 95% efficiency on particles 0.5 microns and larger], **ULPA filtration** [up to 99.9995% efficiency on particles 0.12 microns and larger], **Activated Carbon**, and **specialty-blended filter media** [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]. The **Portable Floor Sentry** allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

Other unit features include a variable speed controller, portability handle, 360-degree swivel arm, simple and quick “no-tool” filter change, and optional accessories including a Magnehelic Gage, digital hour counter, and quick change pre-filter.

A smaller model [SS-300-PFS] and two larger models [SS-450-PFS & SS-500-WFE-MP1] are also available.

Product Features

- Variable speed controller (115V only)
- On/Off toggle switch (220V only)
- Portability handle
- Self-supportive, flexible arm
- 360-degree swivel arm
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick “no tool” filter change
- **Optional:** Magnehelic Gage, hour counter



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Fume & Particulate Removal

Product Specifications



5" Diameter,
72" L Flex Arm

Dimensions are approximate
Shown with optional accessories



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|---|---|
| Base Unit Dimensions | Length: 22.5" (w/control box) Width: 20" Height: 19.5" |
| Arm Dimensions | 5" Diameter, 72" L fire-retardant flex arm 10.5" diameter capture hood |
| Cabinet Material | 16 Ga. carbon steel |
| Weight (approximately) | 50 - 100 lbs. |
| Air Volume (approximately) | High – 700 CFM Low – 50 CFM |
| Electrical | 115/1/60, 2.5 amps 220/1/50, 1.5 amps 8' grounded power cord with NEMA 5-15P plug |
| Sound Level (at 3' from inlet) | Approx. 60 dba (High) |
| Main Filter Options | <i>Depending on the Application:</i> HEPA [up to 99.97% efficiency on particles 0.3 microns and larger] ASHRAE [up to 95% efficiency on particles 0.5 microns and larger] ULPA [up to 99.9995% efficiency on particles 0.12 microns and larger] Activated Carbon Specialty-Blended Filter Media [i.e. Acid Gas, Mercury, Aldehyde, Ammonia] |
| Limited Warranty (From Date of Shipment) | Limited two year warranty on defects due to materials or workmanship. |
| Patent # | 5,843,197 |