

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 gauge, 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 gauge, hour counter



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Fume & Particulate Removal

Product Specifications



6" 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	6" 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.
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