

Model 300 Portable Floor Sentry Fume Extractor



Model # SS-300-PFS

The **Model 300 Portable Floor Sentry Fume Extractor** acts as an engineering safety control to capture and filter airborne contaminants produced from a variety of applications. This source-capture fume extractor offers heavy-duty casters for easy mobility, a 5" diameter flame-retardant and self-supportive flex arm, a small footprint, and high-quality filtration media.

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

Also the **Model 300 Portable Floor Sentry** features a variable speed controller, attached 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.

Filter media options 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), **Activated Carbon**, and **specialty-blended filter media** [i.e. acid gas, mercury, aldehyde, and ammonia]. The **Portable Floor Sentry** allows the housing of multiple filter media inside the filter chamber for applications that emit both particulates and fumes.

This **Portable Fume Extractor** provides an effective and economical fume and particulate control solution for many commercial, medical, laboratory and industrial applications. Two larger models [SS-400-PFS & SS-450-PFS] and a smaller model are available [SS-200-FS].

Product Features

- **Includes:** Portability handle, Variable Speed Controller (115V only), and ON/OFF Switch (220V only).
- **Optional:** Magnehelic Gauge, quick change pre-filter, and hour counter
- Quiet operation
- Reliable, low maintenance operation
- Low power consumption
- Simple, quick "no tool" filter change
- Long filter life



Model 300 Floor Sentry



Model 300 Floor Sentry can be used to extract fumes from a wide variety of applications.



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Fume & Particulate Removal

Product Specifications



Dimensions are approximate



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Base Unit Dimensions	Length: 15.5" (Including Control Box) Width: 13" Height: 16.5"
Arm Dimensions	4" or 5" diameter x 68" long fire-retardant flex arm 7" or 8.5" round capture hood
Cabinet Material	16 ga. carbon steel with polyester epoxy coating
Weight (approximately)	40 lbs.
Air Volume (approximately)	Up to 350 CFM
Electrical	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	Approx. 61 to 66 dba
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] Activated Carbon Specialty-Blended Filter Media [i.e. acid gas, mercury, aldehyde, and ammonia]
Limited Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
US Patent	#5,843,197