

Model 400/450 Portable Floor Sentry — 7' Heavy-Duty Arm



Model # SS-400/450-PFS-HFA

The **Model 400/450 Portable Floor Sentry with 7' Heavy-Duty Arm** fume extractor provides a respiratory safety control by filtering and capturing most airborne contaminants and chemical fumes produced from a variety of industrial applications. 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% efficient on particles 0.3 microns and larger], **ASHRAE filtration** [up to 95% efficient on particles 0.5 microns and larger], **Activated Carbon**, and **specialty-blended filter media** [i.e. acid gas, mercury, aldehyde, and ammonia]. The **Model 400/450 Portable Floor Sentry** allows multiple filter media to be housed inside the filter chamber for applications that emit both particulate and fumes.

The 7' heavy-duty extractor arm provides self-supportive 360° radius fume capture allowing the operator to move the 10" capture hood closer to the source. Made of 6" diameter air-craft grade aluminum and flexible segments of flame-retardant hose, the 7' heavy-duty extractor arm outfits the **Model 400/450 Portable Floor Sentry** to provide fume and particulate control for high intensity industrial applications.

The unit also features a variable speed controller, portability handle with heavy-duty casters for easy mobility, simple and quick "no-tool" filter change, and optional accessories including a Magnehelic Gauge, digital hour counter, and quick change pre-filter.



*Model 400/450 Portable Floor Sentry
with 7' Heavy-Duty Arm*



*The Heavy-Duty Arm allows the operator
to move it closer to the fume source.*



Product Features

- **Includes:** variable speed controller, portability handle, heavy-duty casters, and 7' heavy-duty extractor arm with 360° swivel
- **Optional:** Magnehelic Gauge, digital hour counter, and quick change pre-filter
- Reliable, low maintenance operation
- No exterior ducting required
- Simple and quick "no tool" filter change



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Fume & Particulate Removal

Product Specifications

MADE IN THE USA



SINCE 1983



Dimensions are approximate.

Base Unit Dimensions (L x W x H)	400: 26" x 26" x 22.5" 450: 26" x 26" x 24.75"
Arm Dimensions	7" diameter 7' long heavy-duty arm
Arm Material	Rigid segment: Aircraft-grade aluminum, 7" diameter Flexible segment: Black Flex Sentry™ flame-retardant hose Capture Hood: 10.5" round powder coat aluminum hood
Cabinet Material	16 ga. carbon steel
Weight	Approx. 60 to 120 lbs.
Air Volume (approximately)	400: 50 - 700 CFM 450: 0 - 877 CFM (from low to high)
Electrical	400: 115/1/60, 2.5 amps 220/1/50 or 60, 1.5 amps 450: 115/1/60, 5.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (3' from inlet)	400: Approx. 60 dba (high) 450: Approx. 71 dba (high)
Main Filter Options	Depending on the Application: 400 - Chemical: Activated Carbon Specialty-Blended Filter Media [i.e. acid gas, mercury, aldehyde, and ammonia] 400 & 450 - Particulate: 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]
Patent #	#5,843,197 ,#8,353,745



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