

## Model 400 Portable Floor Sentry with 7' Heavy Duty Arm — Portable Fume Extractor



### Model # SS-400-PFS-HFA

The **Model 400 Portable Floor Sentry with 7' HD Arm** fume extractor provides a respiratory safety control by filtering and capturing 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 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 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.

Sentry Air also offers larger models with higher air volumes including Model 500 Portable Floor Sentry with a 7 ft heavy-duty arm [SS-500-PFS-MP1] and Model 500 Portable Floor Sentry with a 10 ft heavy-duty arm [SS-500-PFS-WFE].



*Model 400 Portable Floor Sentry with 7' HD 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 360° swivel arm
- **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



Dimensions are approximate.



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<b>Base Unit Dimensions</b>	<b>Length:</b> 26" <b>Width:</b> 26" <b>Height:</b> 22.5"
<b>Arm Dimensions</b>	7" Diameter 7' L HD Hybrid Arm
<b>Arm Material</b>	<b>Rigid segment:</b> Aircraft-grade aluminum, 7" diameter <b>Flexible segment:</b> Black Flex Sentry™ flame-retardant hose <b>Capture Hood:</b> 10.5" round powder coat aluminum hood
<b>Cabinet Material</b>	16 Ga. carbon steel
<b>Weight (approximately)</b>	60 lbs. to 110 lbs.
<b>Air Volume (approximately)</b>	Up to 700 CFM (High) Down to 50 CFM (Low)
<b>Electrical</b>	115/1/60, 2.5 amps 220/1/50, 1.5 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level (3' from inlet)</b>	Approx. 60 dba (High)
<b>Main Filter Options</b>	<i>Depending on the Application:</i> <b>HEPA</b> [up to 99.97% efficiency on particles 0.3 microns and larger] <b>ASHRAE</b> [up to 95% efficiency on particles 0.5 microns and larger] <b>ULPA</b> [up to 99.9995% efficiency on particles 0.12 microns and larger] <b>Activated Carbon</b> <b>Specialty-Blended Filter Media</b> [i.e. acid gas, mercury, aldehyde, and ammonia]
<b>Limited Warranty</b>	Limited two year warranty from date of shipment on defects due to materials or workmanship.
<b>Patent #</b>	#5,843,197 ,#8,353,745