

## 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.*



# Fume & Particulate Removal

## Product Specifications



Dimensions are approximate

<b>Base Unit Dimensions</b>	<b>Length:</b> 15.5" (Including Control Box) <b>Width:</b> 13" <b>Height:</b> 16.5"
<b>Arm Dimensions</b>	4" or 5" diameter x 68" long fire-retardant flex arm 7" or 8.5" round capture hood
<b>Cabinet Material</b>	16 ga. carbon steel with polyester epoxy coating
<b>Weight (approximately)</b>	40 lbs.
<b>Air Volume (approximately)</b>	Up to 350 CFM
<b>Electrical</b>	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level</b>	Approx. 61 to 66 dba
<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>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>US Patent</b>	#5,843,197



## Model 400/450 Portable Floor Sentry

Model # SS-400/450-PFS



The **Model 400/450 Portable Floor Sentry Fume Extractor** is used as an engineering 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, and 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.

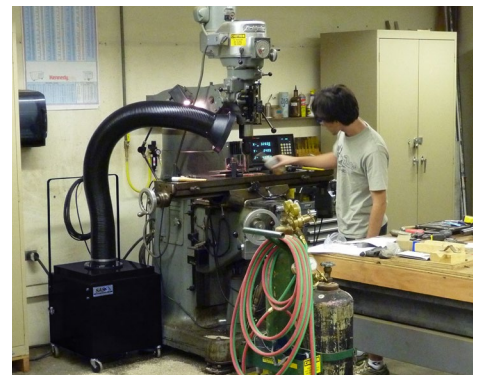
*A smaller model [SS-300-PFS] and a larger model [SS-500-WFE-MP1] are also available.*



Model 400/450 Portable Floor Sentry



*The Model 400/450 Portable Floor Sentry helps protect the operator from fumes by extracting at the source.*



### Product Features

- **Includes:** variable speed controller, portability handle, and (1) 72" L self-supportive flexible arm (360° swivel)
- **Optional:** Magnehelic Gauge, quick change pre-filter, and hour counter
- 360-degree swivel arm
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick “no tool” filter change



# Fume & Particulate Removal

## Product Specifications

MADE IN THE USA



SINCE 1983



6" Diameter,  
72" L Flex Arm

19.5" (400)  
21.75" (450)

22.5"

20"

Dimensions are approximate.  
Shown with optional accessories.

<b>Base Unit Dimensions (L x W x H)</b>	<b>400:</b> 22.5" x 20" x 19.5" <b>450:</b> 22.5" x 20" x 21.75" <i>(includes control box in length)</i>
<b>Arm Dimensions</b>	6" diameter, 72" L fire-retardant flex arm 10.5" diameter capture hood
<b>Cabinet Material</b>	16 ga. carbon steel
<b>Weight</b>	Approx. 50 - 110 lbs.
<b>Air Volume (approximately)</b>	<b>400:</b> 50 - 700 CFM <b>450:</b> 0 - 877 CFM <i>(from low to high)</i>
<b>Electrical</b>	<b>400:</b> 115/1/60, 2.5 amps 220/1/50 or 60, 1.5 amps <b>450:</b> 115/1/60, 5.2 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level (3' from inlet)</b>	<b>400:</b> Approx. 60 dba ( <i>high</i> ) <b>450:</b> Approx. 71 dba ( <i>high</i> )
<b>Main Filter Options</b>	<i>Depending on the Application:</i> <b>400 - Chemical:</b> <b>Activated Carbon Specialty-Blended Filter Media</b> [i.e. acid gas, mercury, aldehyde, and ammonia] <b>400 &amp; 450 - Particulate:</b> <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>Patent #</b>	5,843,197

