

## Model 400/450 Floor Sentry Double — Dual Arm Fume Extractor



### Model # SS-400/450-FSD

The **Model 400/450 Floor Sentry Double** provides source capture fume extraction for two operators simultaneously. These energy efficient systems are equipped with two flame-retardant, self-supportive flex arms that provide equal suction at both inlets.

Typical applications for this unit include *welding smoke, chemical and solvent fumes, light grinding, epoxy fume control, particulate extraction, pharmaceutical powders, soldering*, and many other procedures that involve the *emission of particulates and fumes*. This dual arm fume extractor provides an economical solution for many commercial, medical, laboratory, pharmaceutical and industrial applications.

Standard filtration options for this system include **HEPA filter** (up to 99.97% efficiency on particles 0.3 microns and larger), **ASHRAE filter** (up to 95% efficiency on particles 0.5 microns and larger), **ULPA filter** (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 **Floor Sentry Double** allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

This unit features heavy-duty casters for easy mobility, flex arms that are capable of 360-degree rotation, and an infinitely adjustable variable speed controller. End caps to plug inlet holes are available when use of only one arm is desired. Other optional features include a digital hour counter and quick change pre-filter.

*This unit is also available with a single arm [SS-400/450-PFS], in a mounted configuration [SS-400/450-MSD], as a larger model [SS-500/550-HFAD-MP1] and a smaller model [SS-300-FSD].*

### Product Features

- **Includes:** variable speed controller, portability handle, heavy-duty casters, and (2) 48" L self-supportive flex arms
- **Optional:** Magnehelic Gauge, hour counter, quick change pre-filter, and inlet end caps
- Reliable, low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick "no tool" filter change



Model 400/450 Floor Sentry Double



The Floor Sentry Double provides powerful fume extraction for two operators working near each other.



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# Fume & Particulate Removal

## Product Specifications



Dimensions are approximate.



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<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>	(2) 5" Diameter, 48" L fire-retardant flex arms 8.75" diameter round capture hoods
<b>Cabinet Material</b>	16 ga. carbon steel
<b>Weight</b>	Approx. 50 - 110 lbs.
<b>Air Volume (approximately from low to high)</b>	<b>400:</b> 50 - 700 CFM <i>(25 - 350 per arm)</i> <b>450:</b> 0 - 877 CFM <i>(0 - 438 per arm)</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> Activated Carbon Specialty-Blended Filter Media [i.e. acid gas, mercury, aldehyde, and ammonia] <b>400 &amp; 450 - Particulate:</b> 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]
<b>Patent #</b>	5,843,197