

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



### Model # SS-450-FSD

The **Model 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-450-PFS], in a mounted configuration [SS-450-MSD], and in larger [SS-500/550-HFAD-MP1] and smaller model [SS-300-FSD].*

### Product Features

- **Includes:** variable speed controller (115V only), ON/OFF toggle switch (220V only), and portability handle
- **Optional:** Magnehelic Gauge
- Self-supportive, flexible arms
- Reliable, low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick “no tool” filter change



Model 450 Floor Sentry Double



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



21221 FM 529 Rd, Cypress, TX 77433  
1.800.799.4609 • sales@sentryair.com

[www.sentryair.com](http://www.sentryair.com)

# Fume & Particulate Removal

## Product Specifications



Dimensions are approximate



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<b>Base Unit Dimensions</b>	<b>Length:</b> 22.5" (includes control box) <b>Width:</b> 20" <b>Height:</b> 19.5"
<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 (approximately)</b>	62 - 112 lbs
<b>Air Volume (approximately)</b>	<b>High:</b> up to 475 CFM (per arm) <b>Low:</b> down to 50 CFM (per arm)
<b>Electrical</b>	115/1/60, 10.7 amps 220/1/50, 5.35 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level (3' from inlet)</b>	Approx. 72 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 the date of shipment on defects due to materials or workmanship. Limited six month warranty on fan/motor assembly
<b>Patent #</b>	5,843,197