

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.



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Fume & Particulate Removal

Product Specifications



Dimensions are approximate



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Base Unit Dimensions	Length: 22.5" (includes control box) Width: 20" Height: 19.5"
Arm Dimensions	(2) 5" Diameter, 48" L fire-retardant flex arms 8.75" diameter round capture hoods
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	62 - 112 lbs
Air Volume (approximately)	High: up to 475 CFM (per arm) Low: down to 50 CFM (per arm)
Electrical	115/1/60, 10.7 amps 220/1/50, 5.35 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (3' from inlet)	Approx. 72 dba (High)
Main Filter Options	<i>Depending on the Application:</i> 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] Activated Carbon Specialty-Blended Filter Media [i.e. Acid Gas, Mercury, Aldehyde, and Ammonia]
Limited Warranty	Limited two year warranty from the date of shipment on defects due to materials or workmanship. Limited six month warranty on fan/motor assembly
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