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
- ٠ Optional: Magnehelic Gauge, hour counter, quick change pre-filter, and inlet end caps
- Reliable, low maintenance operation
- Low power consumption
- Long filter life
- Simple, guick "no tool" filter change



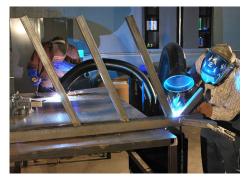
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Model 400/450 Floor Sentry Double



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



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Product Specifications





Dimensions are approximate.



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	Since 1983
Base Unit Dimensions (L x W x H)	400: 22.5" x 20" x 19.5" 450: 22.5" x 20" x 21.75" (includes control box in length)
Arm Dimensions	(2) 5" Diameter, 48" Lfire-retardant flex arms8.75" diameter roundcapture hoods
Cabinet Material	16 ga. carbon steel
Weight	Approx. 50 - 110 lbs.
Air Volume (approximately from low to high)	400: 50 - 700 CFM (25 - 350 per arm) 450: 0 - 877 CFM (0 - 438 per arm)
Electrical	400: 115/1/60, 2.5 amps 220/1/50 or 60, 1.5 amps 450: 115/1/60, 5.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (3' from inlet)	400: Approx. 60 dba (high) 450: Approx. 71 dba (high)
Main Filter Options	Depending on the Application: 400 - Chemical: Activated Carbon Specialty-Blended Filter Media [i.e. acid gas, mercury, aldehyde, and ammonia] 400 & 450 - Particulate: 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]
Patent #	5,843,197