

Model 400/450 Floor Sentry Quad – Quad Arm Fume Extractor



Model # SS-400/450-FSQ

The **Model 400/450 Floor Sentry Quad** provides fume extraction for multiple operators using a powerful fan and four semi self-supportive flex arms. Limited space environments requiring multiple fume extraction points can benefit from this compact and reliable system.

Typical applications for this unit may include *chemical fume extraction, powder and capsule filling, solvent and epoxy fumes, TIG welding fumes, particulate extraction, solder fume control, and a variety of industrial applications.* Also, *technical schools with multiple stations, such as electronic laboratories,* can benefit from the **Floor Sentry Quad**.

Several filtration 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 **Floor Sentry Quad** allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

This unit is available with a single arm [SS-400/450-PFS], dual arms [SS-400/450-FSD], and as a smaller model [SS-300-FSQ].



Model 400/450 Quad Floor Sentry



Dual arm concept shown SS-400/450-FSD



Product Features

- **Includes:** variable speed controller, heavy-duty casters, portability handle, and (4) 48" L self-supportive flexible arms
- **Optional:** Magnehelic Gauge, quick change pre-filter, hour counter, and inlet end caps
- Reliable, low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick "no tool" filter change



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Fume & Particulate Removal

Product Specifications



(4) 4" Diameter,
48" L Flex Arm

19.5" (400)
21.75" (450)

Dimensions are approximate.
Shown with optional accessories.



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Base Unit Dimensions (L x W x H)	400: 22.5" x 20" x 19.5" 450: 22.5" x 20" x 21.75" <i>(includes control box in length)</i>
Arm Dimensions	(4) 4" diameter, 48" long fire-retardant flex arms 5.5" diameter capture hoods
Cabinet Material	16 ga. carbon steel
Weight	Approx. 50 - 110 lbs.
Air Volume (approximately from low to high)	400: 50 - 700 CFM <i>(12 - 175 per arm)</i> 450: 0 - 877 CFM <i>(0 - 219 per arm)</i>
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 <i>(high)</i> 450: Approx. 71 dba <i>(high)</i>
Main Filter Options	<i>Depending on the Application:</i> 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]
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