

Model 450 Floor Sentry Quad – Quad Arm Fume Extractor



Model # SS-450-FSQ

The **Model 450 Floor Sentry Quad** is a multiple operator fume extractor that features a powerful fan and four semi self-supportive flex arms. This compact system provides strong suction for the source capture of airborne contaminants, while the small footprint of this unit makes it a perfect solution for those seeking fume extraction for multiple operators in limited space environments.

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*. This unit is also a popular choice for *technical schools* (i.e. electronics laboratories) that require fume extraction for multiple stations.

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, 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-450-PFS], dual arms [SS-450-FSD], and a smaller model [SS-300-FSQ & SS-400-FSQ].



Dual use concept shown SS-400-FSD



Product Features

- Variable speed controller (115V only)
- On/Off toggle switch (220V only)
- Portability handle
- Self-supportive, flexible arms
- Reliable, low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick “no tool” filter change
- **Optional:** magnehelic gauge, hour counter



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Fume & Particulate Removal

Product Specifications

MADE IN THE USA



SINCE 1983



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

Dimensions are approximate
Shown with optional accessories



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Base Unit Dimensions	Length: 22.5" (w/ control box) Width: 20" Height: 19.5"
Arm Dimensions	(4) 4" Diameter, 48" L fire-retardant flex arms 5.5" diameter capture hoods
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	62 - 112 lbs.
Air Volume (approximately)	High – 235 CFM Low – 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	Depending on the Application: 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, Ammonia]
Limited Warranty (From Date of Shipment)	Limited two year warranty on defects due to materials or workmanship. Limited six month warranty on fan/motor assembly
Patent #	5,843,197