

Model 450 Floor Sentry Double – Dual Arm Fume Extractor



Model # SS-450-FSD

The **Model 450 Floor Sentry Double** provides source capture fume extraction to 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 is an economical solution for many commercial, medical, laboratory, pharmaceutical and industrial applications.

Standard filtration options for this system include: **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**, and **specialty-blended filter media** [i.e. Acid Gas, Mercury, Aldehyde, 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

- 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



(2) 5" Diameter, 48" L Flex Arm

Dimensions are approximate



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|---|---|
| Base Unit Dimensions | Length: 22.5" (w/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 – 475 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 | <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, 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 |