

Model 300 Portable Floor Sentry Double Fume Extractor



Model # SS-300-FSD

The **Model 300 Floor Sentry Double** is uniquely designed to provide portable fume extraction to two operators simultaneously. Two flame-retardant, self-supportive flex arms provide equal suction at both inlets, which directs contaminants into the patented filtration system.

Typical applications for this unit include *soldering, welding, chemical fumes, light grinding, solvent and epoxy fume control, dust, pharmaceutical powders and many other procedures that involve the emission particulate and fume.*

Standard filtration options for this system include: **HEPA** (up to 99.97% efficient on particles 0.3 microns and larger), **ASHRAE** (up to 95% efficient on particles 0.5 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. Endcaps 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.

The **Floor Sentry Double** can provide an energy efficient and economical solution for many commercial, medical, laboratory, pharmaceutical and industrial applications. *This unit is also available with a single arm [SS-300-PFS], in a mounted configuration [SS-300-MSD], and in larger [SS-400-FSD & SS-450-FSD] and smaller models [SS-200-FSD].*



Model 300 Floor Sentry Double



Two operators using the Floor Sentry Double units to extract soldering fumes simultaneously.



Product Features

- **Includes:** Portability handle, variable speed controller (115V only), and ON/OFF Switch (220V only).
- **Optional:** Magnehelic Gauge and hour counter
- Quiet operation
- Reliable, low maintenance operation
- Low power consumption
- Simple, quick “no tool” filter change
- Long filter life



21221 FM 529 Rd, Cypress, TX 77433
1.800.799.4609 • sales@sentryair.com

www.sentryair.com

Fume & Particulate Removal

Product Specifications



Dimensions are approximate



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Base Unit Dimensions	Length: 15.5" (Including Control Box) Width: 13" Height: 16.5"
Arm Dimensions	(2) 4" or 5" diameter x 68" long fire-retardant flex arm 7" round capture hood
Cabinet Material	16 ga. carbon steel with polyester epoxy coating
Weight (approximately)	40 - 55 lbs
Air Volume (approximately)	Up to 175 CFM per arm
Electrical	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	Approx. 61 to 66 dba
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] Activated Carbon Specialty-Blended Filter Media [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]
Warranty (from date of shipment)	Limited two-year warranty on defects due to materials or workmanship.
US Patent	#5,843,197