

Model 450 High Flow Mounted Sentry Double – Dual Arm Mounted Fume Extractor



Model # SS-450-MSD

The **Model 450 Mounted Sentry Double Fume Extractor** provides source-capture fume extraction for small or limited workspace environments. The flame-retardant, self-supportive flex arms can easily be moved closer to the source of the fumes or particulate. The base of this unit can be mounted in several configurations, including bench mounting, under-the-table mounting, and shelf or wall mounting. Two self-supporting flex arms and a powerful fan provide engineered airflow that can capture airborne contaminants produced at two workstations simultaneously. Each flex arm has airflow volume that ranges from 475 cubic feet per minute (CFM) (at high speed) to 25 CFM (at low speed).

This source capture fume extractor has been used for operations such as *soldering, chemical fume extraction, laser fumes, solvent and epoxy fume control, powder and capsule filling, light grinding, and many other applications that involve the emission of particulate and fumes.*

The **Mounted Sentry Double** has several filter options available depending on the application being performed. Standard options 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], **activated carbon**, and **specialty-blended filter media** [i.e. acid gas, mercury, aldehyde, and ammonia]. The **Mounted Sentry Double** allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

Energy-efficient and quiet operation can make this fume extractor a great solution for many commercial, medical, laboratory and industrial applications. Three smaller models [SS-200-MSD, SS-300-MSD, & SS-400-MSD]. and portable model [SS-450-FSD] are also available.



Model 450 Mounted Sentry Double



The Mounted Sentry frees up valuable benchtop space (Model 450 above & Model 200 below)

Product Features

- **Includes:** Variable speed controller (115V only), ON/OFF toggle switch (220V only), mounting brackets, and (2) self-supportive, flexible arms with 360° movement
- **Optional:** Magnehelic Gauge and single or quad arms
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick “no tool” filter change



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Fume & Particulate Removal

Product Specifications



Dimensions are approximate



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| Base Unit Dimensions | Length: 22.5" (includes control box) Width: 22" (includes mounting brackets) Height: 19.75" (includes inlet) |
| Arm Dimensions | (2) 5" Diameter, 57" L fire-retardant flex arms (2) 8.75" diameter capture hoods |
| Cabinet Material | 16 Ga. carbon steel |
| Weight (approximately) | 62 - 112 lbs |
| Air Volume (approximately) | High: up to 475 CFM (per arm) Low: down to 25 CFM (per arm) |
| Electrical | 115/1/60, 2.5 amps 220/1/50, 1.5 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] |
| Warranty | Limited two-year warranty from date of shipment on defects due to materials or workmanship. Limited six-month warranty on fan/motor assembly |
| Patent # | 5,843,197 |