

Model 450 Mounted Sentry Fume Extractor



Model # SS-450-MS

The **Model 450 Mounted Sentry Fume Extractor** provides industrial air cleaning designed to be mounted directly to or on top of a workbench, a fume hood, or enclosed machinery. This fume extractor is equipped with a powerful fan and a variety of inlet collar sizes (6" and 10" diameter) to match your unique application. This unit's small footprint, lightweight frame, and multiple mounting configurations make it a modular solution for integration with existing machinery. This system also features a variable speed controller and optional remote control.

The **Mounted Sentry Fume Extractor** can be used for applications such as: *laser fume control, chemical fume extraction, pharmaceutical powders, particulate control, printing fumes, soldering, solvent and epoxy fume control, fume/vapor source capture, and a variety of other applications that produce smoke, dust, or particulate.*

The **Model 450 Mounted Sentry** has several filter options, including **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 filtration media** (i.e. acid gas, mercury, aldehyde, and ammonia). Filter combinations are customized depending on the application and multiple filter media can be housed inside the filter chamber for applications that emit both particulates and fumes. *Three smaller models [SS-200-MS, SS-300-MS, & SS-400-MS] are also available.*

Product Features

- **Includes:** variable speed controller (115V only), ON/OFF toggle switch (220V only), and mounting brackets
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick "no tool" filter change
- **Optional:** Magnehelic Gauge and remote control



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Mounted Sentry Fume Extractor can easily be fitted to a custom fume extraction table for multiple operators.



Mounted Sentry Fume Extractor can be fitted to an existing fume hood or enclosure.



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Product Specifications



Dimensions are approximate
Shown with optional accessories



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Base Unit Dimensions	Length: 22.5" (includes control box) Width: 22" (includes brackets) Height: 19.75" (includes inlet)
Inlet Configurations	6" or 10" diameter
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	62 - 112 lbs
Air Volume (approximately)	High: up to 950 CFM Low: down to 50 CFM
Electrical	115/1/60, 10.7 amps 220/1/50, 5.35 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (at 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
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