

Model 400/450 Mounted Sentry Fume Extractor



Model # SS-400/450-MS

The **Model 400/450 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. For an additional fee, this system is available in all stainless steel construction.

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.*

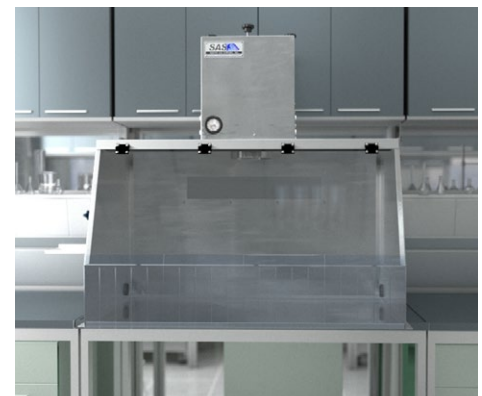
The **Model 400/450 Mounted Sentry** has several filter options, including **HEPA filtration** (up to 99.97% efficiency on particles 0.3 microns and larger), **ASHRAE filtration** (up to 95% efficiency on particles 0.5 microns and larger), **ULPA filtration** (up to 99.9995% efficiency on particles 0.12 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. *Two smaller models [SS-200-MS & SS-300-MS] are also available.*



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



Stainless Steel Construction upgrade of Mounted Sentry on a stainless steel fume hood (Model 300 shown above).

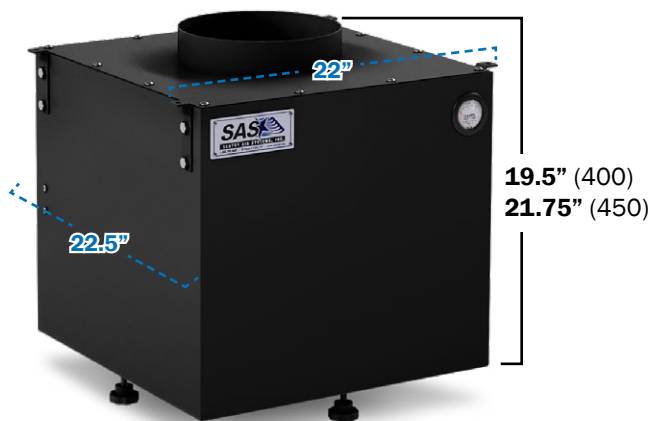
Product Features

- **Includes:** variable speed controller and mounting brackets
- **Optional:** Magnehelic Gauge, remote control, hour counter, and stainless steel construction upgrade.
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick "no tool" filter change



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Product Specifications



Dimensions are approximate.
Shown with optional accessories.



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Base Unit Dimensions (L x W x H)	400: 22.5" x 22" x 19.5" 450: 22.5" x 22" x 21.75" <i>(includes control box in length, brackets in width, and inlet in height)</i>
Inlet Config.	6" or 10" diameter
Cabinet Material	16 ga. carbon steel
Weight	Approx. 50 - 110 lbs.
Air Volume (approximately)	400: 50 - 700 CFM 450: 0 - 877 CFM <i>(from low to high)</i>
Electrical	400: 115/1/60, 2.5 amps 220/1/50 or 60, 1.5 amps 450: 115/1/60, 5.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (3' from inlet)	400: Approx. 60 dba (<i>high</i>) 450: Approx. 71 dba (<i>high</i>)
Main Filter Options	<i>Depending on the Application:</i> 400 - Chemical: Activated Carbon Specialty-Blended Filter Media [i.e. acid gas, mercury, aldehyde, and ammonia] 400 & 450 - Particulate: 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]
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