

## Model 300 Mounted Sentry

Model # SS-300-MS



The **Model 300 Mounted Sentry** fume extractor provides industrial air cleaning that mounts directly to or on top of a workbench, a fume hood, or enclosed machinery. This unit utilizes a powerful fan and an inlet collar to extract fumes for your unique application. The **Mounted Sentry** integrates easily with existing machinery because of the unit's small footprint, low power consumption, and lightweight frame. This system also allows for multiple mounting configurations and features a variable speed controller to adjust the fan speed. An optional remote control is available for those mounting their units in elevated locations. This system is available with all stainless steel construction upgrade.

This **Mounted Sentry** fume extractor provides fume extraction for a variety of applications including: *laser marking, chemical fume extraction, 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 300 Mounted Sentry** offers 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), **Activated Carbon**, and **specialty-blended filtration media** (i.e. acid gas, mercury, aldehyde, and ammonia). Filter combinations can be customized depending on the application and multiple filter media can be housed inside the filter chamber for applications that emit both particulates and fumes.

The **Model 300 Mounted Sentry** provides an energy-efficient, quiet, and economical solution for many industrial applications. *A smaller model [SS-200-MS] and larger model [SS-400-MS] are available.*

### Product Features

- **Includes:** variable speed controller (115V only), ON/OFF toggle switch (220V only), and mounting brackets.
- **Optional:** Magnehelic Gauge, hour counter, and stainless steel construction upgrade
- Quiet operation
- Reliable, low maintenance operation
- Low power consumption
- Simple, quick "no tool" filter change
- Long filter life



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Model 300 Mounted Sentry shown mounted on a fume hood.



Stainless Steel Construction upgrade of Mounted Sentry on a stainless steel fume hood.



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# Fume & Particulate Removal

## Product Specifications



Dimensions are approximate



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<b>Base Unit Dimensions</b>	<b>Length:</b> 15.5" (includes control box) <b>Width:</b> 13" (includes mounting brackets) <b>Height:</b> 16.5"
<b>Inlet Diameter</b>	6" diameter
<b>Cabinet Material</b>	16 ga. carbon steel with polyester epoxy coating on all surfaces
<b>Weight (approximately)</b>	40 - 55 lbs
<b>Air Volume (approximately)</b>	<b>High:</b> up to 350 CFM <b>Low:</b> down to 50 CFM
<b>Electrical</b>	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level</b>	Approx. 61 to 66 dba (Blower speed: low to high)
<b>Main Filter Options</b>	<i>Depending on the Application:</i> <b>HEPA</b> [up to 99.97% efficiency on particles 0.3 microns and larger] <b>ASHRAE</b> [up to 95% efficiency on particles 0.5 microns and larger] <b>Activated Carbon</b> <b>Specialty-Blended Filter Media</b> [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]
<b>Warranty</b>	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
<b>US Patent</b>	#5,843,197