

## Model 300 Mounted Single Sentry

Model # SS-300-MSS



The **Model 300 Mounted Single Sentry Fume Extractor** provides source-capture fume extraction for small or limited workspace environments. The flame-retardant, self-supportive flex arm 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.

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 Single Sentry** has several filter options available depending on the application being performed. Standard options include **HEPA filter** (up to 99.97% efficiency on particles 0.3 microns and larger), **ASHRAE filter** (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 Single Sentry** allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

Energy-efficient and quiet operation make this fume extractor an optimal solution for many commercial, medical, laboratory and industrial applications. *A smaller model [SS-200-MSS] and portable model [SS-300-PFS] are also available. Additional flex arms are also an option.*



Model 300 Mounted Single Sentry



(SS-200-MSS Shown in bottom two pictures)

### Product Features

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



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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>Arm Dimensions</b>	4" or 5" diameter x 32" long flex arm 7" or 8.25" round hood
<b>Cabinet Material</b>	16 ga. carbon steel with polyester coating on all surfaces
<b>Weight (approximately)</b>	40 - 55 lbs.
<b>Air Volume (approximately)</b>	Up to 350 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, and 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 Pending