

## Model 400 Mounted Sentry Quad — Quadruple Arm Mounted Fume Extractor



### Model # SS-400-MSQ

The **Model 400 Mounted Sentry Quad 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. Four self-supporting flex arms and a powerful fan provide engineered airflow that can capture most of the airborne contaminants produced at four workstations simultaneously. Each flex arm has airflow volume that ranges from 175 cubic feet per minute (CFM) (at high speed) to 12.5 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 Quad** 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 Quad** 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 a great solution for many commercial, medical, laboratory and industrial applications. A larger model [SS-450-MSQ], and a portable model [SS-400-FSQ] are also available.



Model 400 Mounted Sentry Quad



The Mounted Sentry frees up valuable benchtop space (Model 400 above & Model 200 below)



### Product Features

- **Includes:** variable speed controller (115V only), ON/OFF toggle switch (220V only), mounting brackets, and (4) self-supportive flexible arms
- **Optional:** Magnehelic Gauge, hour counter, and single or dual 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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<b>Base Unit Dimensions</b>	<b>Length:</b> 22.5" (includes control box) <b>Width:</b> 22" (includes mounting brackets) <b>Height:</b> 19.75" (includes inlet)
<b>Arm Dimensions</b>	(4) 4" Diameter, 48" L fire-retardant flex arms (4) 5.5" diameter capture hoods
<b>Cabinet Material</b>	16 Ga. carbon steel
<b>Weight (approximately)</b>	50 - 100 lbs
<b>Air Volume (approximately)</b>	<b>High:</b> up to 175 CFM (per arm) <b>Low:</b> down to 12.5 CFM (per arm)
<b>Electrical</b>	115/1/60, 10.7 amps 220/1/50, 5.35 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level (3' from inlet)</b>	Approx. 60 dba (High)
<b>Main Filter Options</b>	Depending on the Application: <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>ULPA</b> [up to 99.9995% efficiency on particles 0.12 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>Patent #</b>	5,843,197