

## Model 450 Mounted Sentry

### Model # SS-450-MS

#### Product Specifications

##### BASE UNIT DIMENSIONS

22.5" Length, Including Control Box  
22" Width, Including Mounting Brackets  
19.75" Height, Including Inlet Configuration

##### INLET CONFIGURATIONS

6" or 10" Dia. Inlet

##### CABINET MATERIAL

16 ga. Carbon Steel

##### WEIGHT

Approx. 60 lbs. - 100 lbs.  
Varies Depending on Filter Media Installed

##### AIR VOLUME

Variable Speed Control Standard on 115V  
950 CFM High, Down to 50 CFM Low  
On/Off Toggle Switch Standard on 220V

##### ELECTRICAL

115/1/60, 10.7 amps  
220/1/50, 5.35 amps  
8' grounded power cord with NEMA 5-15P Plug

##### SOUND LEVEL

Approx. 72 dba @ 3'

##### FILTRATION

Depending on the Application:

- HEPA [up to 99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [up to 95% efficient on particles 0.5 microns and larger]
- ACTIVATED CARBON
- SPECIALTY-BLENDED FILTER MEDIA [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]

##### WARRANTY

Limited six-month warranty from date of shipment for the fan/motor assembly. Limited two-year warranty from date of shipment on defects to parts/assembly due to materials or workmanship.  
PATENT #5,843,197



Dimensions are Approximate  
Shown with Optional Accessories

#### Product Features

- Variable Speed Controller Included (115V only)
- Mounting Brackets Included
- Sturdy Construction
- Reliable, Low Maintenance Operation
- Low Power Consumption
- Simple, Quick "No Tool" Filter Change
- Long Filter Life
- Optional Magnehelic Gage

The **Model 450 Mounted Sentry** fume extractor is an industrial air cleaner that is 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 is typically used for applications including: 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% efficient on particles 0.3 microns and larger], ASHRAE filtration [up to 95% efficient on particles 0.5 microns and larger], Activated Carbon, and specialty-blended filtration media [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]. Filter combinations are customized depending on the application being performed by the operator 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.



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