

Model 450 Mounted Sentry with Outlet Plenum

Model # SS-450-MSP

Product Specifications

BASE UNIT DIMENSIONS

23.75" Length, Including Control Box
22" Width, Including Mounting Brackets
39.75" Height, Including Inlet and Outlet Configuration

OUTLET CONFIGURATIONS

9" Dia. Inlet

INLET CONFIGURATIONS

6" or 9" 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
8' grounded power cord with NEMA 5-15P Plug

SOUND LEVEL

Approx. 72 dba @ 3'

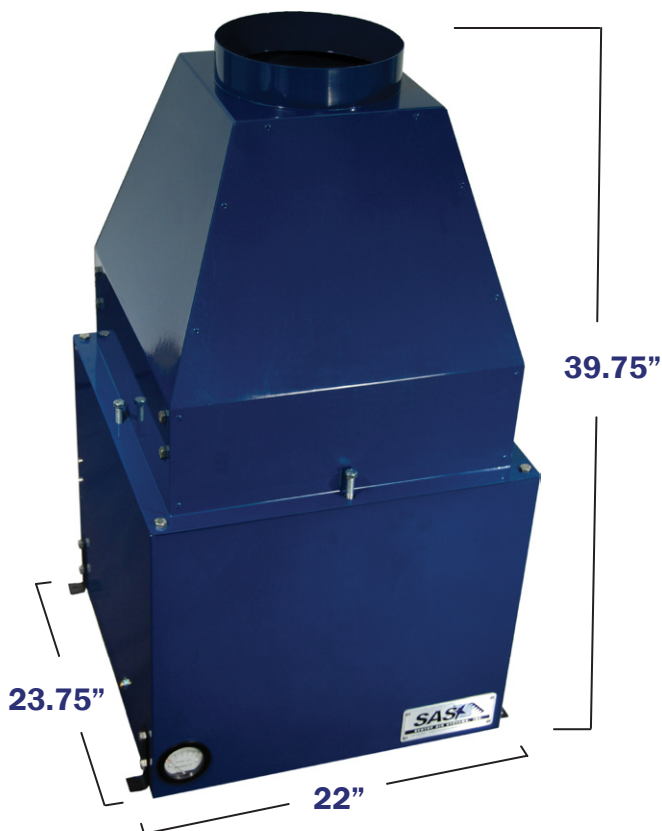
FILTRATION

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 two-year warranty from date of shipment on defects due to materials or workmanship.
PATENT #5,843,197



Dimensions are Approximate
Shown with Optional Accessories

Product Features

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

The **Model 450 Mounted Sentry with Outlet Plenum** is primarily used to exhaust filtered air or create a positive pressure environment. When exhausting the air, a 9" diameter exhaust collar allows filtered air to be directed outside or into your central exhaust system or ducting. When this unit is combined with HEPA or ULPA filtration, it can also be utilized to create positive pressure where clean air flow is required on enclosures or compact clean rooms. This system also has the option of remaining ductless to recirculate filtered air back into the immediate area.

Typical applications for this unit include: Chemical and Solvent Fume Extraction, Laser Marking, Printing Fumes, Soldering Fumes, Particulate Extraction, Positive Pressure Airflow, Positive Pressure Clean Room, Sterile Assembly, Pharmaceutical Powder Control, Chemical Fume Exhaust, Enclosed Machinery Mounting, and many other applications that produce particulate, smoke, dust, and fumes.

High-quality filter media for this unit is customized depending on the application being performed, but typically includes HEPA filters [up to 99.97% efficient on particles 0.3 microns and larger], ULPA filters [up to 99.9995% efficient on particles 0.12 microns and larger], ASHRAE filters [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]. The Mounted Sentry with Outlet Plenum allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes. It is also available in three smaller models [SS-200-MSP & SS-300-MSP & SS-400-MSP] and without the outlet plenum [SS-450-MS].



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