

Mounted Sentry with Outlet Plenum

Model # SS-300-MSP

Product Specifications

BASE DIMENSIONS

15.5" Length
15" Width, including Mounting Brackets
31.25" Height

OUTLET PLENUM DIMENSIONS

6" Diameter Outlet Collar

INLET CONFIGURATIONS

4", 5", or 6" Dia. Inlet

AIR VOLUME

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

WEIGHT

Approx. 65-75 lbs.

CABINET MATERIAL

16 ga. Carbon Steel with Polyester Epoxy Coating on all surfaces

ELECTRICAL

115/1/60, Approx. 2 Amps
220/1/50, Approx. 0.75 amps
8' grounded power cord with NEMA 5-15P Plug

SOUND LEVEL

61 to 66 dba (Blower Speed: Low to High)

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
- SPECIALITY-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 Features

Product Features

- Variable Speed Controller Included (115V only)
- Quiet Operation
- Reliable, Low Maintenance Operation
- Sturdy Construction
- Simple, Quick "No Tool" Filter Change
- Long Filter Life
- Attractive Appearance
- Optional Magnehelic Gage
- Optional Hour Counter

The **Model 300 Mounted Sentry with Outlet Plenum** is primarily used to exhaust filtered air to a remote location or to create a positive pressure environment. The 6" diameter exhaust collar allows filtered air to be exhausted 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 has the option of remaining ductless to recirculate filtered air back into the immediate area.

Typical applications for this unit include: Laser Marking, Printing Fumes, Soldering Fumes, Fume/Vapor Source Capture, Positive Pressure Airflow, Positive Pressure Clean Room, 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. The Mounted Sentry is available in a smaller model [SS-200-MSP], larger model [SS-400-MSP], and without the outlet plenum [SS-300-MS].



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