

Model 400 Mounted Sentry with Outlet Plenum



Model # SS-400-MSP

The **Model 400 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% efficiency on particles 0.3 microns and larger], **ULPA filters** [up to 99.9995% efficiency on particles 0.12 microns and larger], **ASHRAE filters** [up to 95% efficiency on particles 0.5 microns and larger], **Activated Carbon filters**, 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.

This unit is also available in two smaller models [SS-200-MSP and SS-300-MSP], one larger model [SS-450-MSP], and one model without the outlet plenum [SS-400-MS].



SS-200-MSP Shown Above



Product Features

- Variable speed controller (115V only)
- On/Off toggle switch (220V only)
- Mounting brackets
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick "no tool" filter change
- **Optional:** magnehelic gauge, hour counter

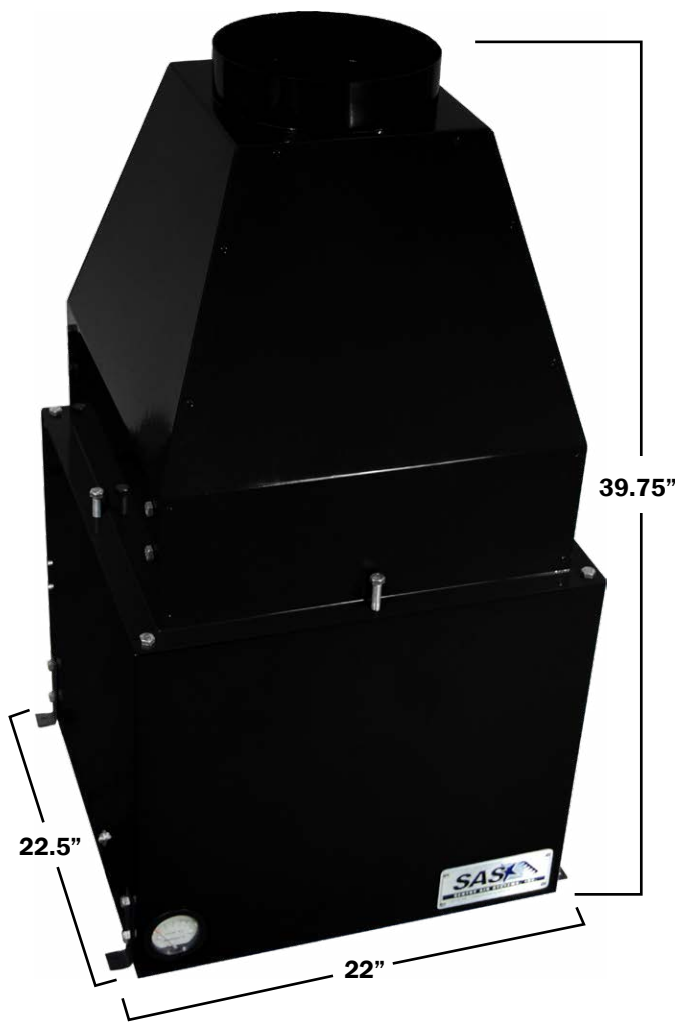


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Fume & Particulate Removal

Product Specifications



Dimensions are approximate
Shown with optional accessories



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Base Unit Dimensions	Length: 22.5" (w/ control box) Width: 22" (w/ brackets) Height: 39.75" (w/inlet & outlet)
Inlet Configurations	6" or 10" diameter
Outlet Configuration	9" diameter
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	50 - 100 lbs.
Air Volume (approximately)	High – 700 CFM Low – 50 CFM
Electrical	115/1/60, 2.5 amps 220/1/50, 1.5 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (at 3' from inlet)	Approx. 60 dba (High)
Main Filter Options	Depending on the Application: HEPA [up to 99.97% efficiency on particles 0.3 microns and larger] ASHRAE [up to 95% efficiency on particles 0.5 microns and larger] ULPA [up to 99.9995% efficiency on particles 0.12 microns and larger] Activated Carbon Specialty-Blended Filter Media [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]
Limited Warranty (From Date of Shipment)	Limited two year warranty on defects due to materials or workmanship.
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