

Mounted Sentry with Outlet Plenum

Model # SS-300-MSP



The **Model 300 Mounted Sentry with Outlet Plenum** primarily exhausts filtered air to a remote location but can also be utilized to create a positive-pressure environment. The 8" diameter exhaust collar allows filtered air to be exhausted outside, or into the facility's central exhaust system or ductwork. When combined with **HEPA** or **ULPA** filtration, this unit can be utilized to create positive-pressure to provide clean airflow to the enclosure or create a compact clean room. Also, this system has the option of remaining ductless to recirculate filtered air back into the immediate area.

Typical fume control applications for this unit include *laser marking, printing fumes, soldering fumes, fume/vapor source capture, pharmaceutical powder control, chemical fume exhaust, enclosed machinery mounting, and many other applications that produce particulate, smoke, dust, and fumes.*

Positive-pressure applications include *hard drive restoration, computer and electronics repairs, sterile assembly, medical device manufacturing, cleaning optics and lasers, stem cell therapy, tissue culturing, and more applications that require a clean room environment.*

High-quality filter media for this unit depends on the application, 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**, and **specialty-blended filtration media** [i.e. acid gas, mercury, aldehyde, and 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].



Model 300 Mounted Sentry
with Outlet Plenum

Product Features

- **Includes:** Variable speed controller (115V only), ON/OFF toggle switch (220V only), mounting brackets, and 8" exhaust collar plenum
- **Optional:** Magnehelic Gauge and hour counter
- Quiet operation
- Reliable, low maintenance operation
- Sturdy construction
- Simple, quick "no tool" filter change
- Long filter life
- Attractive appearance

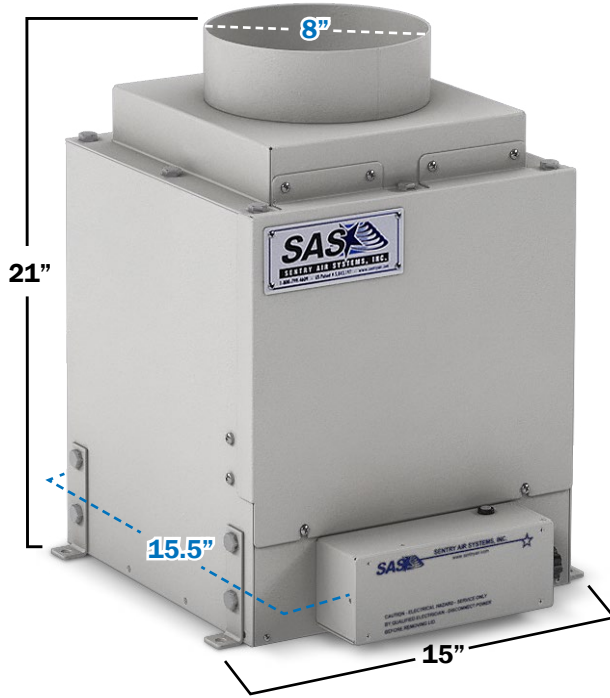


21221 FM 529 Rd, Cypress, TX 77433
1.800.799.4609 • sales@sentryair.com

www.sentryair.com

Fume & Particulate Removal

Product Specifications



Dimensions are approximate



21221 FM 529 Rd
Cypress, TX 77433
1.800.799.4609
sales@sentryair.com

www.sentryair.com

Base Dimensions	<p>Length: 15.5" (includes control box)</p> <p>Width: 15" (includes mounting brackets)</p> <p>Height: 21" (includes inlet & outlet collar)</p>
Outlet Plenum Dimensions	8" diameter outlet collar
Inlet Configuration	4", 5", or 6" diameter
Cabinet Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight (approximately)	65 - 75 lbs
Air Volume (approximately)	High: up to 350 CFM Low: down to 50 CFM
Electrical	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (High at 3' from inlet)	Approx. 61 to 66 dba
Main Filter Options	<p><i>Depending on the Application:</i></p> <p>HEPA [up to 99.97% efficiency on particles 0.3 microns and larger]</p> <p>ASHRAE [up to 95% efficiency on particles 0.5 microns and larger]</p> <p>ULPA [up to 99.9995% efficiency on particles 0.12 microns and larger]</p> <p>Activated Carbon Specialty-Blended Filter Media [i.e. acid has, mercury, aldehyde, and ammonia]</p>
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
US Patent	#5,843,197 Pending