Stainless Steel Positive Pressure Winged Sentry
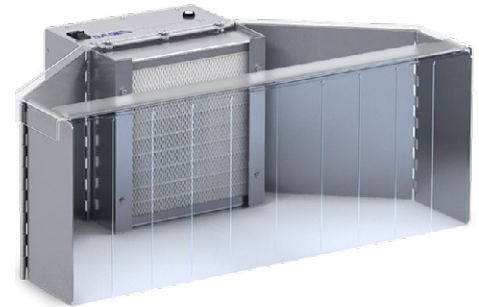
Model # SS-100-WSL-PP

MADE IN THE USA

SINCE 1983

The **Stainless Steel Positive Pressure Winged Sentry with Lid** provides an anti-static clean room air filtration system designed for *ISO Class 5** rated environment stationary, benchtop applications. The system's quiet, energy-efficient fan and high-quality **ASHRAE, HEPA, ULPA filtration media** draws in ambient air, removing most of the airborne particulate and fumes, and then releases the filtered air into the enclosed workspace. The two "wing-style" sides and clear lid creates an enclosed work area while the curtains offer additional protection from contaminants in the ambient air.

This system provides an effective, compact and economical solution for precision benchtop clean room operations, including data recovery, optical and projection lens cleaning and repair, and electronics assembly. The **Positive Pressure Winged Sentry** offers a great solution for clean room applications that require only a small work area or where placement is tight. If a larger clean room environment is needed our Portable Clean Room Hoods are an excellent alternative.

*Tested under manufacturer conditions in an approximately 600 SF office setting.

Model 100 Stainless Steel Positive Pressure Winged Sentry with Lid

How does the Stainless Steel Positive Pressure Winged Sentry work?

1 Dirty Ambient Air

1 Ambient room air is pulled into the system with a powerful fan.

2 Air is filtered by passing through a HEPA filter or ULPA filter removing particulate down to 0.3 microns (HEPA) or 0.12 microns (ULPA) from the ambient air.

3 The filtered air is discharged into the work area of the hood in a horizontal laminar flow pattern, creating a reduced particulate environment.

Product Features

- ***Includes:*** Clear acrylic lid and curtains
- Anti-static
- Adjustable wing flaps
- Highly portable and lightweight
- Quiet, reliable, and low maintenance operation
- Sturdy construction
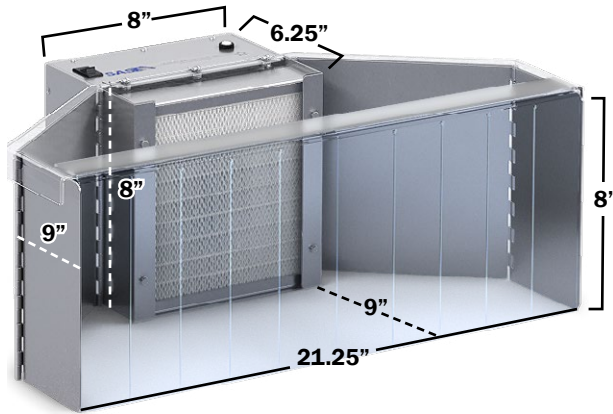- Simple, quick "no tool" filter change
- Long filter life

SAS
SENTRY AIR SYSTEMS, INC.

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Product Specifications

Shown with clear, acrylic lid
Dimensions are approximate

Base Unit Dimensions	**Length:** 6.25" **Width:** 8" **Height:** 8"
Work Area Dimensions	21.25" W x 9" D
Cabinet Material	18 Ga. stainless steel
Weight (approximately)	8 lbs
Air Volume (approximately)	up to 80 CFM *Varies with filter media*
Electrical	115/1/60, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (High at 3' from inlet)	Approx. 62 dba
Main Filter Options	*Depending on the Application:* **ULPA** [up to 99.9995% efficiency on particles 0.12 microns and larger] **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]
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197

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