

## Model 300 Winged Sentry with Lid - Generation II

Model # SS-300-WSL2



The **Model 300 Winged Sentry with Lid – Generation II (WSL2)** offers benchtop fume extraction with a horizontal airflow pattern, a unique design, and enhanced features that increase functionality for the operator. Generation II provides a bright LED light, a user-friendly control panel with fan/light controls, and a digital display with the filter's pressure and runtime. The fan and light controls enable the operator to adjust settings to optimize for their application. This system uses an internal magnehelic gauge to measure the static pressure of the filter to help the operator monitor the filter's saturation and when to change the filter. The filter change interval depends on the filter type, application, and frequency of use. After a filter change, the operator can reset the runtime to help keep consistent maintenance schedules.

The **WSL2's** unique design includes adjustable wing flaps that assist with directing fumes and particulate toward the inlet, into the filtration system, and away from the operator's breathing zone. The clear acrylic hinged lid creates a hood-line enclosure with a shorter height ideal for workplaces with overhead cabinets. The wings can be folded flat for storage.

Typical applications include *chemical fume extraction, soldering, light grinding, pharmaceutical applications like powder and capsule filling, R&D, solvent and epoxy fume control, and many other applications that involve VOC fumes and dusts.*

Appropriate filtration media depends on the application but typical filtration choices include **HEPA, ASHRAE, ULPA, Activated Carbon,** and **specialty-blended filter media** (i.e. acid gas, aldehyde, and ammonia). The **WSL2** allows multiple filter media to be utilized for applications that emit both particulates and fumes.



Model 300 Winged Sentry with Lid - Generation II (SS-300-WSL2)



WSL2 unit with hinged acrylic lid up showing the LED light.

### Product Features

- **Includes:** Variable Speed Controller, adjustable LED light, digital magnehelic gauge, digital display with filter pressure and runtime, runtime reset button, infinitely adjustable wing flaps, and hinged clear acrylic lid.
- Sturdy construction
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick "no tool" filter change



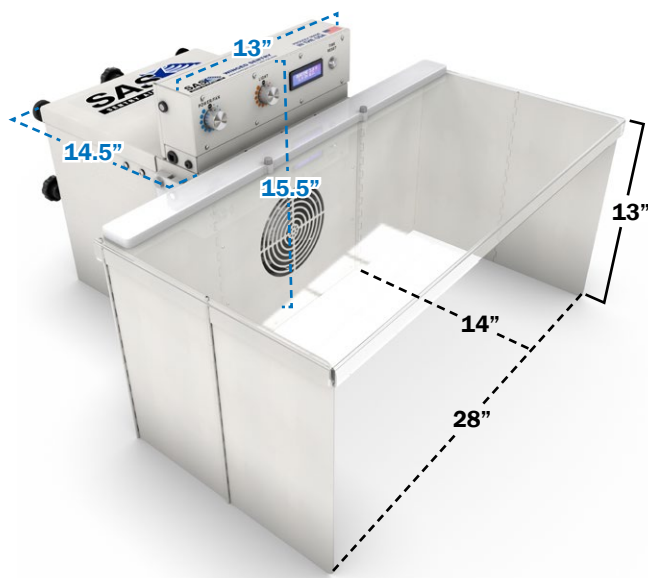
Closeup of the control panel with fan & light controls and digital display.



21221 FM 529 Rd, Cypress, TX 77433  
1.800.799.4609 • sales@sentryair.com  
[www.sentryair.com](http://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](http://www.sentryair.com)

Base Unit Dimensions	<b>Length:</b> 14.5" <b>Width:</b> 13" <b>Height:</b> 15.5" (Including Control Box)
Work Area Dimensions	<b>Depth:</b> 14" <b>Width:</b> 28" <b>Height:</b> 13"
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	40 - 50 lbs
Air Volume (approximately)	<b>High:</b> up to 350 CFM <b>Low:</b> down to 50 CFM
Electrical	115/1/60, 2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (at 3' from inlet)	54 to 68 dba (Low to High)
Main Filter Options	Depending on the Application: <b>HEPA</b> [up to 99.97% efficiency on particles 0.3 microns and larger] <b>ASHRAE</b> [up to 95% efficiency on particles 0.5 microns and larger] <b>ULPA</b> [up to 99.9995% efficiency on particles 0.12 microns and larger] <b>Activated Carbon</b> <b>Specialty-Blended Filter Media</b> [i.e. acid gas, aldehyde, and ammonia]
Warranty	Limited two year warranty from the date of shipment on defects due to materials or workmanship.
US Patent #	5,843,197