

## Model 300 Winged Sentry with Lid



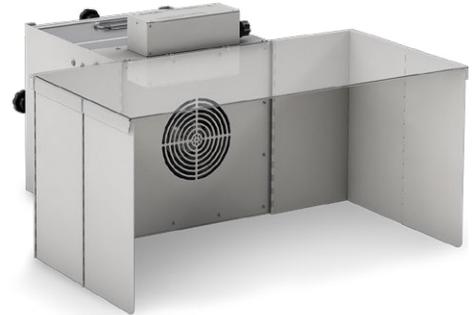
Model # SS-300-WSL

The **Model 300 Winged Sentry with Lid** provides benchtop fume extraction with a unique design and horizontal airflow pattern. The wing flaps can be infinitely adjusted to assist in directing contaminated air towards the unit's inlet, into the filter chamber, and away from the operator working between the wings. When using the lid, this system offers hood-like containment without the confinements of working within an actual hood. The operator can place these wings in the most effective position for their application, or they can be placed flat against the sides of the unit to conserve space. This system offers a standard variable speed controller and a clear, hinged acrylic lid.

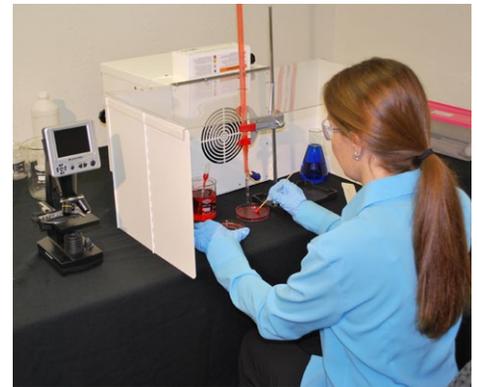
Typical applications include *chemical fume extraction, soldering, light grinding, pharmaceutical applications like powder and capsule filling, R&D, solvent and epoxy fume control, and many other applications that involve VOC fumes and dusts.*

Appropriate filtration media depends on the application but typical filtration choices include **HEPA filter** (up to 99.97% efficiency on particles 0.3 microns and larger), **ASHRAE filter** (up to 95% efficiency on particles 0.5 microns and larger), **Activated Carbon**, and **specialty-blended filter media** (i.e. acid gas, mercury, aldehyde, and ammonia). The **Winged Sentry with lid** allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

*The Winged Sentry with Lid is also available in a smaller model [Model SS-200-WSL].*



Model 300 Winged Sentry with Lid



*The Model 300 Winged Sentry with Lid provides hood-like fume extraction with more space to work.*

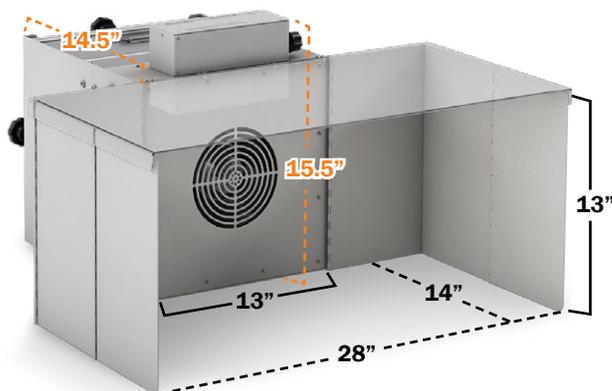


*The Model 300 Winged Sentry with Lid extracts most of the fumes and particulate for a variety of laboratory and medical applications.*

### Product Features

- **Includes:** variable speed controller (115V only), ON/OFF toggle switch (220V only), infinitely adjustable “wing flaps”, and hinged clear acrylic lid
- **Optional:** hour counter
- Sturdy construction
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick “no tool” filter change

## Product Specifications



Dimensions are approximate



7357 Woodbine Ave 409 1  
 Markham, ON L3R 6L3  
 905.475.5880 • 1.888.885.1900  
[www.labequip.com/contact-us.html](http://www.labequip.com/contact-us.html)

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<b>Base Unit Dimensions</b>	<b>Length:</b> 14.5" <b>Width:</b> 13" <b>Height:</b> 15.5" (Including Control Box)
<b>Work Area Dimensions</b>	<b>Depth:</b> 14" <b>Width:</b> 28" <b>Height:</b> 13"
<b>Cabinet Material</b>	16 Ga. carbon steel
<b>Weight (approximately)</b>	40 - 50 lbs
<b>Air Volume (approximately)</b>	<b>High:</b> up to 350 CFM <b>Low:</b> down to 50 CFM
<b>Electrical</b>	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level (at 3' from inlet)</b>	61 to 66 dba (Low to High)
<b>Main Filter Options</b>	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, mercury, aldehyde, and ammonia]
<b>Warranty</b>	Limited two year warranty from date of shipment on defects due to materials or workmanship.
<b>US Patent #</b>	5,843,197