

## 46" Wide AirHawk Ductless Fume Hood

Model # SS-AH2-46



Optimize your workspace with the technologically advanced features of the **AirHawk**. Combined with a powerful airflow, advanced electronics, and a compact enclosure, the **AirHawk** provides optimal respiratory protection for a wide variety of commercial, laboratory, and medical applications.

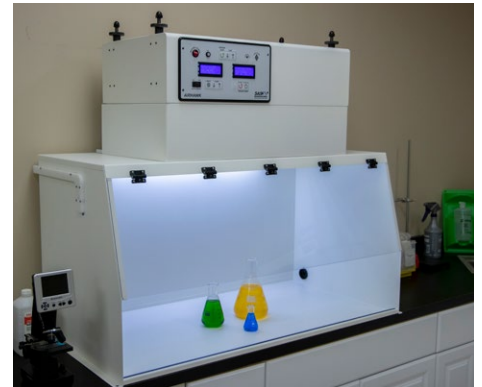
The **AirHawk** features an easy-to-use digital control panel to allow operators to efficiently operate, monitor, and maintain the system. The digital control panel displays the *real-time average airflow across the face of the hood, ambient room conditions (temperature and humidity), manual fan speed setting, actual filter runtime, filter chamber pressure, and a custom timer*. On this panel, the user can select an automatically controlled airflow value (**Auto Sentry**) or **manually** set the airflow. With **Auto Sentry**, the operator uses simple controls to select the airflow (at the face of the hood) from 35 – 155 FPM (feet per minute) and the system will automatically adjust the fan to reach and maintain the desired airflow. If the system cannot reach the desired airflow within two minutes, an **audible and visual alarm** will go off to alert the operator. In addition, the operator can manually set the fan speed from 0 to 100%. While using either the Auto Sentry or manual mode, the system constantly monitors and **displays the real-time average airflow**. Also, the control panel provides the ability to *adjust the high intensity LED light* in the hood and to *change the units* on the display between standard and metric. The operator can monitor the filter saturation on the control panel with the **real-time control panel pressure display**. Lastly, the **AirHawk** control panel **remembers user configuration settings** for automated airflow, light intensity, manual fan speed, and units of measure after turning the unit OFF.

The **AirHawk** protects the operator's breathing zone by pulling harmful fumes and particulate into the filtration chamber and releasing filtered air back into the surrounding room. This system utilizes two filters with varied filter media depending on the application including **HEPA, ASHRAE, ULPA, Activated Carbon, or specialty-blended filter media** (i.e. acid gas, mercury, aldehyde, ammonia).

Typical applications for the **AirHawk** include chemical fumes, pharmaceutical compounding, soldering, light dust removal, biological, solvent or epoxy use, and many more applications that require the removal of fumes and particulate. **Upgrade your respiratory protection to the AirHawk and experience an improved workflow with the automatic features and beneficial user configurations.**



46" AirHawk Ductless Fume Hood



AirHawk's Advanced Control Panel

### Product Features

- Digital displays of vital hood information including:
  - Real-time average airflow
  - Room conditions (temperature and humidity)
  - Accumulated filter runtime
  - Real-time pressure display
- Auto Sentry automated airflow control
- Manual airflow option (0-100%)
- Adjustable LED light
- Selectable standard or metric units
- Stored configuration settings after powering OFF
- Reliable, low maintenance option
- Long filter life with quick "no tool" filter change
- **Standard sizes: 30", 40", 46"**
- *Not intended for sterile compounding applications*

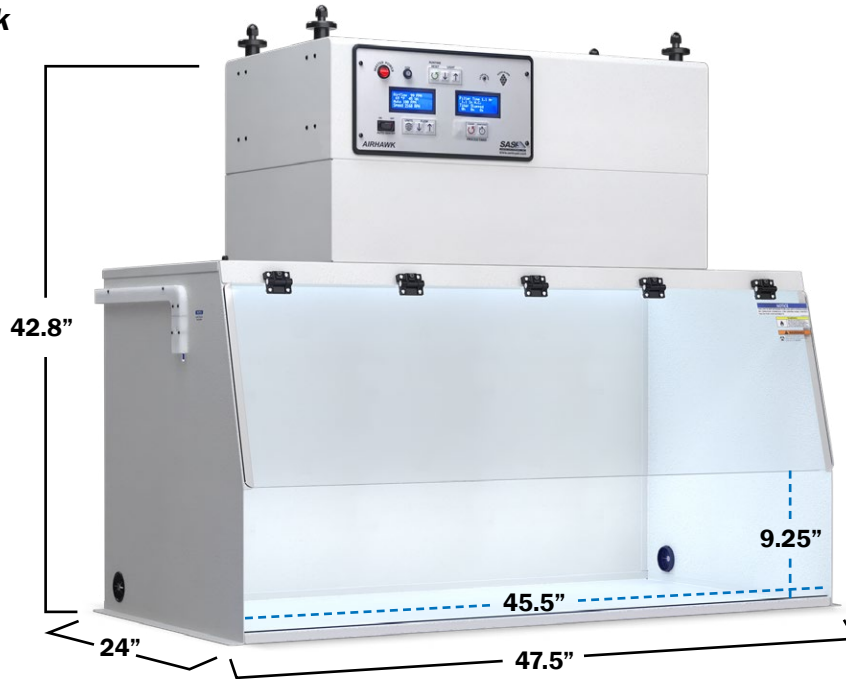


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## Product Specifications



### 46" AirHawk



Dimensions are approximate

<b>Hood Dimensions (D x W x H)</b>	<b>Outer:</b> 24" x 47.5" x 25" <b>Interior:</b> 23.5" x 45.5" x 23.75" <b>Access Area:</b> 45.5" x 9.25"
<b>Hood Material</b>	<b>Hood:</b> 16 Ga. carbon steel with polyester epoxy coating on all surfaces <b>Front Window:</b> 0.25" clear polycarbonate
<b>Blower Dimensions</b>	17.3" D x 29.7" W x 15.8" H
<b>Blower Material</b>	16 Ga. carbon steel with polyester epoxy coating on all surfaces
<b>Weight (no filters)</b>	91 lbs
<b>Air Volume</b>	up to 450 CFM (varies with filter media)
<b>Inlet Velocities</b>	35 - 155 FPM (varies with filter media)
<b>Electrical</b>	115/1/160, 2 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level</b>	61 to 66 dba (low to high)
<b>Max. Temperature</b>	Operating temperature not to exceed 170° F
<b>Main Filters Options</b>	<b>HEPA</b> (up to 99.97% efficient on particles down to 0.3 microns) <b>ASHRAE</b> (up to 95% efficient on particles down to 0.5 microns) <b>ULPA</b> (up to 99.9995% efficient on particles down to 0.12 microns) <b>Activated Carbon</b> <b>Specialty-blended filter media</b> (i.e. acid gas, mercury, aldehyde, ammonia)
<b>Warranty</b>	Limited one-year warranty from date of shipment on defects due to materials or workmanship.



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