

## AirHawk 40" Wide Ductless Fume Hood

Model # AirHawk40



The **AirHawk** combines powerful air flow with a sturdy and compact enclosure for optimal respiratory and environmental protection. This state of the art fume hood offers the operator more options for adjustments with the user friendly control panel. The control panel features adjustable light and fan controls, air pressure and runtime digital displays, and an attractive blue decal. The **1400 LUX LED light** is the brightest on the market and is unique to the industry with no other competitors' products that can compare. **Light and fan controls** allow the operator to make adjustments depending on the application. The **air pressure display** uses a precision solid state pressure sensor to measure the filter saturation by monitoring the static pressure on the particulate filters. The **runtime display** helps maintain a consistent PM filter schedule and the ability to reset the runtime after maintenance.

The **AirHawk** is designed to pull harmful particulate up and away from the operator's breathing zone and into the filter chamber. Depending on the application, filter choices include HEPA, ASHRAE, ULPA, activated Carbon, or specialty-blended filter media [i.e. acid gas, mercury, aldehyde, ammonia].

Typical uses for the **AirHawk** include chemical fume control, pharmaceutical compounding, soldering applications, light dust removal, biological applications, solvent or epoxy use, and many more applications that require the removal of fumes and particulate.

For additional visibility, the hood can be made of all clear PVC. The **AirHawk** comes in standard sizes of 30", 40", and 50" with custom sizes available between 30" - 50". Custom hood construction available.

*Our line of ductless fume hoods are not intended for sterile compounding applications.*

### Product Features

- **1400 LUX at the workplace center – Brightest Light on the Market**
- Infinitely adjustable fan control and LED dimmer switch
- Runtime and air pressure digital displays
- Quiet operation and long filter life
- Simple, quick "no tool" filter change
- Reliable, low maintenance operation
- Ships substantially assembled – *Easy Installation*
- Clear anti-static vinyl curtains
- Standard sizes: 30", 40", 50"
- Custom sizes (30" - 50") and construction available



40" Sentry AirHawk



Light & Fan Control



Air Pressure & Runtime Display



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# Fume & Particulate Removal

## Product Specifications



Dimensions are approximate



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<b>Hood Dimensions (D x W x H)</b>	<b>Outer:</b> 24" x 42" x 25" <b>Interior:</b> 23.5" x 40" x 24" <b>Access Area:</b> 8" x 40"
<b>Light Intensity</b>	Dimmable LED: 1400 LUX at Workplace Center
<b>Hood Material</b>	<b>Sides:</b> 0.25" white PVC <b>Base:</b> 0.5" white PVC <b>Top:</b> 0.5" clear PVC <b>Front Window:</b> 0.25" clear polycarbonate
<b>Blower Dimensions</b>	13"L x 13" W x 14.5" H
<b>Blower Material</b>	16 Ga. carbon steel with polyester epoxy coating on all surfaces
<b>Weight (approximately)</b>	112 lbs <i>(varies with filter media)</i>
<b>Air Volume (approximately)</b>	350 CFM <i>(varies with filter media)</i>
<b>Inlet Velocities on High (approximately)</b>	<b>Carbon Pre-filter + HEPA Filter</b> – 160 FPM <b>Carbon Pre-filter + 10 lb Carbon Filter</b> – 113 FPM <b>10 lb Carbon Filter + HEPA Filter</b> – 68 FPM
<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>Maximum Temperature</b>	Operating temperature not to exceed 170° F
<b>Main Filter 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>Activated Carbon 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.