

## 50" Ductless Fume Hood

Model # SS-350-DCH



This **50" Wide Ductless Fume Hood** combines powerful air flow with a sturdy and compact enclosure for optimal respiratory and environmental protection. This fume hood protects the operator and environment from hazardous fumes or particulate generated from applications performed within the hood.

This **Ductless Fume Hood's** powerful fan pulls harmful particulate away from the operator's breathing zone and directs fumes into the filter chamber, composed of a variety of filter media selected depending on the application. This filter media includes **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, **Activated Carbon**, and **specialty-blended filtration** [i.e. *Acid Gas, Mercury, Aldehyde, Ammonia*].

Typical uses for this **Ductless Fume Hood** include *chemical fumes, pharmaceutical compounding, soldering applications, dust removal, biological applications, and a variety of applications requiring fume and dust removal*. The **Ductless Fume Hood** can provide an effective and economical solution for many commercial, medical, laboratory, and industrial applications. For additional visibility, a transparent version is available at extra cost.

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

### Product Features

- **Includes:** variable speed controller (115V only), velometer, and LED light
- **Optional:** clear anti-static vinyl curtains, Magnehelic Gauge, hour counter, and spill tray.
- **Standard Sizes:** 12", 18", 24", 30", 40", 50", 60", 70"
- Quiet operation
- Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation
- Custom Sizes Available



50" Ductless Fume Hood



50" DCH provides a spacious workspace for pharmaceutical compounding



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# Fume & Particulate Removal

## Product Specifications



Shown with outer dimensions.  
Dimensions are approximate.



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<b>Hood Dimensions (D x W x H)</b>	<b>Outer:</b> 24" x 52" x 25" <b>Interior:</b> 23.5" x 50" x 24" <b>Access Area:</b> 8" x 50"
<b>Hood Material</b>	<b>Sides:</b> 0.25" white acrylic <b>Base:</b> 0.5" white high density polyethylene <b>Top:</b> 0.5" clear polycarbonate <b>Front Window:</b> 0.25" clear polycarbonate
<b>Blower Dimensions</b>	15.5" 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>	125 lbs
<b>Air Volume (approximately)</b>	350 CFM (varies with filter media)
<b>Inlet Velocities on High (approximately)</b>	<b>Carbon Pre-filter + HEPA Filter</b> – 105 FPM high, 25 FPM low <b>Carbon Pre-filter + Heavy Duty Carbon Filter</b> – 80 FPM high, 20 FPM low
<b>Electrical</b>	115/1/160, 2 amps 220/1/50, 0.75 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 (From Date of Shipment)</b>	Limited two-year warranty on defects due to materials or workmanship.
<b>Patent #</b>	5,843,197