

## 24" Ductless Fume Hood

Model # SS-224-DCH

MADE IN  
THE USA



SINCE 1983

This **24" Wide Ductless Fume Hood** helps to protect the operator and environment from hazardous fumes or particulate generated from applications performed within the hood. Its small structure makes it a great fume extraction solution and addition to a lab or room that has limited space or requires only a small containment area. This light-weight hood is also useful for field-testing applications that require reliable and easily transportable equipment. This system's unique design also includes a removable spill tray for chemical spills.

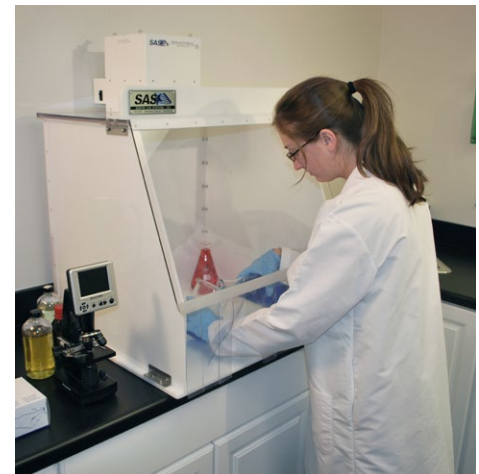
This **Ductless Fume Hood's** powerful fan directs fumes into the filter chamber, composed of a variety of filter media selected depending on the application. This filter media includes **HEPA** (up to 99.97% efficiency on particles 0.3 microns and larger), **ASHRAE** (up to 95% efficiency on particles 0.5 microns and larger), **Activated Carbon**, and **specialty-blended filtration** [i.e. acid gas, mercury, aldehyde, and 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 that require a small containment area. For additional visibility, a transparent version is available at extra cost.

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



24" Ductless Fume Hood



24" DCH provides fume control for a variety of laboratory applications.

### Product Features

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



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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 26" x 25" <b>Interior:</b> 23.5" x 24" x 24" <b>Access Area:</b> 8" x 24"
<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>	10.5"L x 8" W x 8.5" H
<b>Blower Material</b>	16 Ga. carbon steel with polyester epoxy coating on all surfaces
<b>Weight (approximately)</b>	55 lbs
<b>Air Volume (approximately)</b>	80 CFM <i>(varies with filter media)</i>
<b>Inlet Velocities on High (approximately)</b>	<b>Carbon Pre-filter + HEPA Filter</b> - 100 FPM <b>Carbon Pre-filter + Heavy Duty Carbon Filter</b> - 60 FPM
<b>Electrical</b>	115/1/160, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level</b>	55 dba
<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