

18" Ductless Fume Hood

Model # SS-218-DCH

MADE IN
THE USA



SINCE 1983

This **18" Wide Ductless Fume Hood** protects the operator and environment from hazardous fumes or particulate generated from applications performed within the hood while being one of the most compact negative-pressure hoods on the market. Its small structure makes it an ideal fume extraction solution for containing beakers and test tubes in chemical and/or biological labs or even for small scale pharmaceutical compounding applications. This light-weight hood is also optimal 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, 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.

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



18" Ductless Fume Hood



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

Product Features

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



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Fume & Particulate Removal

Product Specifications



Shown with outer dimensions.
Dimensions are approximate.



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Hood Dimensions (D x W x H)	Outer: 18.5" x 20" x 19" Interior: 18" x 18" x 18" Access Area: 8" x 18"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions	10.5" L x 8" W x 8.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight (approximately)	35 lbs
Air Volume (approximately)	80 CFM (varies with filter media)
Inlet Velocities on High (approximately)	Carbon Pre-filter + HEPA Filter – 100 FPM Carbon Pre-filter + Heavy Duty Carbon Filter – 60 FPM
Electrical	115/1/160, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	55 dba
Maximum Temperature	Operating temperature not to exceed 170° F
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ASHRAE (up to 95% efficient on particles down to 0.5 microns) Activated Carbon Specialty-blended filter media (i.e. acid gas, mercury, aldehyde, ammonia)
Warranty (From Date of Shipment)	Limited two-year warranty on defects due to materials or workmanship.
Patent #	5,843,197