

## Ductless Fume Hood- 50" Wide



### Model # SS-350-DCH

### Product Specifications

#### HOOD DIMENSIONS

Outer Dimensions: 24" D x 52" W x 25" H  
 Interior Dimensions: 23.5" D x 50" W x 24" H

#### HOOD MATERIAL

Sides: 0.250" White Acrylic  
 Base: 0.500" White High Density Polyethylene  
 Top: 0.500" Clear Polycarbonate  
 Front: 0.250" Clear Polycarbonate

#### BLOWER DIMENSIONS

15.5" L x 13" W x 14.5" H

#### BLOWER MATERIAL

16 ga. carbon steel w/ polyester epoxy coating on all surfaces

#### WEIGHT

Approx. 125 lbs.

#### APPROXIMATE AIR VOLUME

169-480 CFM. *Varies with Filter Media.*

#### APPROXIMATE INLET VELOCITIES

20 FPM - 200 FPM with Variable Speed Controller.  
 Also Varies with Curtains and Filter Media.

#### ELECTRICAL

115/1/60, 2 amps  
 220/1/50, 0.75 amps  
 8' grounded power cord with NEMA 5-15P Plug

#### SOUND LEVEL

61 to 66 dba (Blower Speed: Low to High)

#### MAX. OPERATING TEMPERATURE

Not to exceed 170 degrees Fahrenheit

#### FILTRATION

Depending on the Application:

- HEPA [up to 99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [up to 95% efficient on particles 0.5 microns and larger]
- ACTIVATED CARBON
- SPECIALTY-BLENDED FILTER MEDIA [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]

#### WARRANTY

Limited two-year warranty from date of shipment on defects due to materials or workmanship.  
 PATENT #5,843,197



Shown with outer dimensions. Measurements are approximate.

### Product Features

- Variable Speed Controller *Included (115V only)*
- Fluorescent Light *Included*
- Velometer *Included*
- Quiet Operation
- Long Filter Life
- Simple, Quick "No Tool" Filter Change
- Reliable, Low Maintenance Operation
- Custom Sizes Available
- Other Standard Sizes: 12", 18", 24", 30", 40", 60", 70"
- Attractive Appearance
- Optional Magnehelic Gage
- Optional Clear Anti-Static Vinyl Curtains
- Optional Hour Counter
- Optional Spill Tray

The 50" Wide Ductless Fume Hood combines powerful air flow with a sturdy and compact enclosure for optimal respiratory and environmental protection. This fume hood is designed to pull harmful particulate up and away from the operator's breathing zone and into the filter chamber. Depending on the application, this chamber houses either HEPA filtration [up to 99.97% efficient on particles 0.3 microns and larger and made with flame-retardant materials], ASHRAE filtration [up to 95% efficient on particles 0.5 microns and larger and made with flame-retardant materials] Activated Carbon, or specialty-blended filter media [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]. Variable Speed Control and a Fluorescent Light come standard with this unit.

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

The 50" Ductless Fume Hood provides a portable, energy efficient, and economical solution for many commercial, medical, laboratory and industrial applications that require a containment hood. For additional visibility, a transparent version is available at extra cost.

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



1-800-799-4609  
[www.sentryair.com](http://www.sentryair.com)  
[sales@sentryair.com](mailto:sales@sentryair.com)

