Fume & Particulate Removal

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
- SPECIALLY-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

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.