50" Ductless Fume Hood

Model # SS-350-DCH

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 protects the operator and environment from hazardous fumes or particulate generated from applications performed within the hood.

The **50" Ductless Fume Hood's** powerful fan directs fumes into the filter chamber containing high quality filter media selected depending on the application. Filter media choices include **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 the **50" 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 **50" 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 is 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", and 70" (custom sizes available)
- Quiet operation
- · Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation





50" Ductless Fume Hood





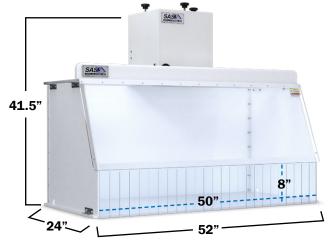
50" DCH provides a spacious workspace for pharmaceutical compounding



21221 FM 529 Rd, Cypress, TX 77433 1.800.799.4609 • sales@sentryair.com

Product Specifications





Shown with outer dimensions. Dimensions are approximate.

Outer: 24" x 52" x 25" **Hood Dimensions** Interior: 23.5" x 50" x 24" $(D \times W \times H)$ Access Area: 8" x 50" Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene **Hood Material** Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate **Blower Dimensions** 15.5"L x 13" W x 14.5" H 16 Ga. carbon steel with **Blower Material** polyester epoxy coating on all surfaces Weight 125 lbs **Air Volume** 350 CFM (approximately) (varies with filter media) Carbon Pre-filter + HEPA Filter - 105 FPM high, 25 FPM low **Inlet Velocities on High (approximately) Carbon Pre-filter + Heavy Duty Carbon Filter -**80 FPM high, 20 FPM low 115/1/60, 2 amps 220/1/50, 0.75 amps **Electrical** 8' grounded power cord with NEMA 5-15P plug 61 to 66 dba (low to high) **Sound Level** Maximum Operating temperature **Temperature** not to exceed 170° F **HEPA** (up to 99.97% efficient on particles down to 0.3 microns) **ASHRAE** (up to 95% efficient on particles **Main Filter** down to 0.5 microns) **Options Activated Carbon** Specialty-blended filter media (i.e. acid gas, mercury, aldehyde, and ammonia) Limited two-year warranty from date of shipment on Warranty defects due to materials or workmanship.

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