

## Higher Efficiency Ductless Fume Hoods



### Model # SS-350-HEMS

#### 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  
 Access Area: 8" x 50"

##### 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

13" L x 13" W x 17" H

##### BLOWER MATERIAL

16 ga. 304 Stainless Steel

##### WEIGHT

Approx. 125 lbs.

##### APPROXIMATE AIR VOLUME

50 to 255 CFM Low to High. (With two stacked HEPA Filters)

##### APPROXIMATE INLET VELOCITIES

Fan on High: 40" Hood = 92 FPM Average Face Velocity without curtains.  
 Pre-filter & Heavy Duty Carbon Filter - 115 FPM high; 20 FPM low

##### 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

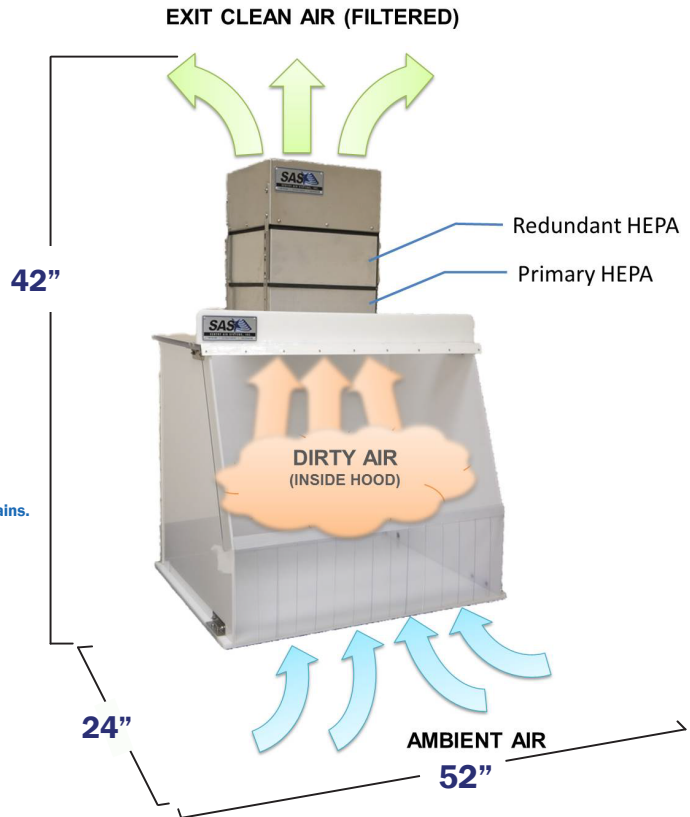
##### FILTRATION & MEDIA OPTIONS

Depending on the Application:

- Single HEPA\* with outlet plenum
  - HEPA followed by HEPA (Stacked)
  - Single ULPA\*\*
  - ACTIVATED CARBON and speciality blended
  - SPECIALTY-BLENDED FILTER MEDIA [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]
- \*HEPA: filter is up to 99.97% efficient on a most penetrating particle size of 0.3 microns.  
 \*\*ULPA: filter is up to 99.9995% efficient on a most penetrating particle size of 0.12 microns.

##### WARRANTY

Limited two-year warranty from date of shipment on defects due to materials or workmanship.



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 Filter Change
- Reliable, Low Maintenance Operation
- Custom Sizes Available
- Clear Anti-Static Vinyl Curtains
- Attractive Appearance
- Optional Remote Control Box
- Optional Hour Counter
- Optional Spill Tray
- Optional Outlet Plenum
- Optional Carbon & speciality blended filtration

The 50" Wide Higher Efficiency 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 speciality-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 ductless fume hood include pharmaceutical powder applications that require a dual HEPA filter setup. Alternative applications can include chemical fume control, 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" Wide Higher Efficiency Ductless Fume Hood provides a portable, energy efficient, and economical solution for pharmaceutical, 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.



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