

Higher Efficiency Ductless Fume Hoods



Model # SS-340-HEMS

Product Specifications

HOOD DIMENSIONS

Outer Dimensions: 24" D x 42" W x 25" H
 Interior Dimensions: 23.5" D x 40" W x 24" H
 Access Area: 8" x 40"

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. 115 lbs.

APPROXIMATE AIR VOLUME

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

APPROXIMATE INLET VELOCITIES

Fan on High - 40" Hood = 115 FPM Average Face Velocity without curtains.

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

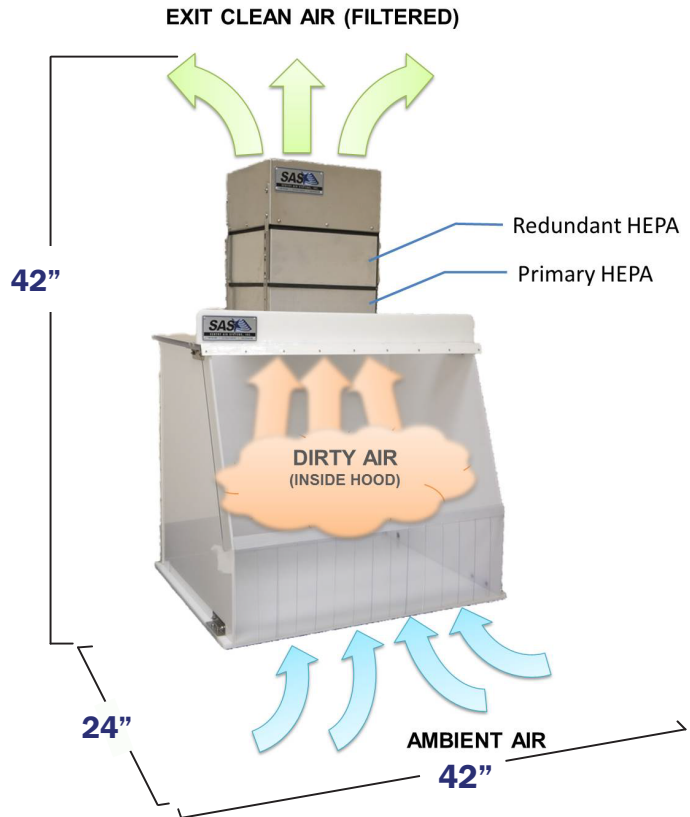
FILTRATION & MEDIA OPTIONS

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)
- Simple, Quick Filter Change
- Optional Remote Control Box
- Fluorescent Light Included
- Reliable, Low Maintenance Operation
- Optional Hour Counter
- Velometer Included
- Custom Sizes Available
- Optional Spill Tray
- Quiet Operation
- Clear Anti-Static Vinyl Curtains
- Optional Outlet Plenum
- Long Filter Life
- Attractive Appearance
- Optional Carbon & speciality blended filtration

The 40" 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 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 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 40" 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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