24" Ductless Fume Hood

Model # SS-324-DCH

This **24" Wide Ductless Fume Hood** helps protect the operator and environment from hazardous fumes or particulate generated from applications performed within the hood. The compact design makes it an ideal fume extraction solution for containing beakers and test tubes in chemical and/or biological labs or even for small-scale pharmaceutical compounding applications. This lightweight hood provides optimal fume control for field-testing applications because of its ability to be easily transported and its reliable operation. Also as an option, this system can include a removable spill tray for chemical spills.

The **24" 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 **24" 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 **24" Ductless Fume Hood** can provide an effective and economical solution for many commercial, medical, laboratory and industrial applications that require a small containment area. For additional visibility, a transparent version is available at extra cost.

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

24" Ductless Fume Hood

24" DCH provides fume control for a variety of 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)*

- Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation
- Customization options available

SAS
SENTRY AIR SYSTEMS, INC.

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Product Specifications

41.5"

8"

24"

24"

26"

Shown with outer dimensions.
Dimensions are approximate.

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Hood Dimensions (D x W x H)	*Outer:* 24" x 26" x 25" *Interior:* 23.5" x 24" x 24" *Access Area:* 8" x 24"
Hood Material	*Sides:* 0.25" white acrylic *Base:* 0.5" white high density polyethylene *Top:* 0.5" clear polycarbonate *Front Window:* 0.25" clear polycarbonate
Blower Dimensions	15.5"L x 13" W x 14.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight (approximately)	95 lbs
Air Volume (approximately)	350 CFM *(varies with filter media)*
Inlet Velocities on High (approximately)	**Carbon Pre-filter + HEPA Filter** – 100 FPM **Carbon Pre-filter + Heavy Duty Carbon Filter** – 60 FPM
Electrical	115/1/160, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	61 to 66 dba (low to high)
Maximum Temperature	Operating temperature not to exceed 170° F
Main Filter Options	**HEPA** (up to 99.97% efficient on particles down to 0.3 microns) **ASHRAE** (up to 95% efficient on particles down to 0.5 microns) **Activated Carbon** **Specialty-blended filter media** (i.e. acid gas, mercury, aldehyde, and ammonia)
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197