Fume & Particulate Removal

30” Ductless Fume Hood - Generation II

MADE IN THE USA

SINCE 1983

Model # SS-330-DCH2

30” Ductless Fume Hood - Generation II

The **30” Wide Ductless Fume Hood – Generation II** helps protect the operator and environment from hazardous fumes or particulate generated from applications performed within the hood. The new and improved design of this fume hood includes an adjustable light, variable speed fan control, and a digital display with an hour counter and digital magnehelic gauge. The adjustable light and fan controls enable the operator to make modifications suitable for the application. The digital hour counter shows the time the unit has been operated in hours to keep PM schedules for filter changes. The digital magnehelic gauge measures the static pressure on the filter in order to monitor the filter saturation. This unit also features an external reset button and programmable alerts.

Typical uses for this fume hood include *chemical fume control, pharmaceutical compounding containment, soldering applications, light dust removal, biological applications, and many more applications that require fumes and light dust removal.* The **30” Wide Ductless Fume Hood – Generation II** utilizes a powerful fan that directs fumes and particulate from the hood into the filter chamber, containing a carbon pre-filter and a variety of main filters selected depending on the application being performed in the hood. The main filter options 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), **ULPA** (up to 99.9995% efficiency on particles 0.12 microns and larger), **Activated Carbon**, and **specialty-blended filtration** (i.e. acid gas, mercury, aldehyde, and ammonia). The filter chamber is effortlessly accessible allowing for the filters to be quickly changed without the use of any tools.

The **30” Wide Ductless Fume Hood – Generation II** provides an effective and economical solution for many commercial, medical, laboratory, and industrial applications that require a relatively small containment area. For additional visibility, a transparent version is available at extra cost.

Please note our line of ductless fume hoods is not intended for sterile compounding applications.

Product Features

- ***Control Panel Features:*** Adjustable LED light and fan controls, and digital display with hour counter and pressure reading
- ***Includes:*** Variable speed controller (115V only) and clear anti-static vinyl curtains
- ***Optional:*** Velometer and spill tray
- Quiet operation with long filter life
- Simple, quick “no tool” filter change
- Reliable, low maintenance, portable, and lightweight
- ***Standard Sizes:*** 30”, 40”, 50”, 60”, and 70” *(Custom Sizes Available)*

SAS
SENTRY AIR SYSTEMS, INC.

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

Fume & Particulate Removal

Product Specifications

MADE IN THE USA
SINCE 1983

Shown with outer dimensions.
Dimensions are approximate.

Hood Dimensions (D x W x H)	***Outer:*** 24” x 32” x 25” ***Interior:*** 23.5” x 30” x 24” ***Access Area:*** 8” x 30”
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 16.75” H *(includes plenum & control box)*
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight (approximately)	100 lbs *(varies with filter media)*
Air Volume (approximately)	350 CFM *(varies with filter media)*
Inlet Velocities on High (approximately)	**Carbon Pre-filter + HEPA Filter** – 130 FPM **Carbon Pre-filter + Heavy Duty Carbon Filter** – 115 FPM
Electrical	115/1/160, 2 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 (From Date of Shipment)	Limited two-year warranty on defects due to materials or workmanship.
Patent #	5,843,197

SAS
SENTRY AIR SYSTEMS, INC.

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

www.sentryair.com