

SENTRY AIR SYSTEMS, INC.



PHARMACEUTICAL COMPOUNDING CONTAINMENT SYSTEMS

"SIMPLE SOLUTIONS FOR CLEANER AIR"

1.800.799.4609

www.sentryair.com

Pharmaceutical Compounding Safety Solutions

Sentry Air Systems Pharmaceutical Compounding Containment Systems are ductless engineering safety controls designed to help protect the respiratory zones of pharmacists or pharmacy students while compounding, measuring, and weighing prescription dosages.

Pharmaceutical Containment Hoods



Pharmaceutical Containment Hoods come in a variety of sizes and are equipped with powerful fans and high-quality HEPA filtration media.

Product Features

- HEPA Filters: 99.97% efficient on particles 0.3 microns and larger
- Quiet Operation
- No Vibrations
- Variable Speed Control on Most Models
- No External Venting Required
- Long Filter Life
- Reliable, Low Maintenance Operation
- Custom Sizes Available
- Simple, Quick "No Tool" Filter Change

PAGES 3-4 For more information and product specifications.

Additional Configurations



The Winged Sentry is a unique powder extraction unit that features infinitely adjustable side flaps for optimum source capture.

Product Features

- HEPA Filters: 99.97% efficient on particles 0.3 microns and larger
- Quiet Operation
- Adjustable Side Flaps
- Highly Portable and Lightweight
- Two Models Available [200 & 300]
- Optional Hinged Clear, Acrylic Lid
- No External Venting Required
- Variable Speed Available on Model 300
- Reliable, Low Maintenance Operation
- Simple, Quick "No Tool" Filter Change

PAGE 5 For more information and product specifications.

- Because of the serious health risks associated with exposure to hormones and powders involved in pharmaceutical compounding, respiratory precautions should be taken.

Sentry Air's pharmaceutical compounding hoods utilize a powerful fan and filtration system that pulls harmful contaminants away from the operator's breathing zone and directly into the HEPA filter, which is up to 99.97% efficient on particles 0.3 microns and larger. Other filtration media that may be utilized are ASHRAE [up to 95% efficient on particles 0.5 microns and larger] and ULPA filters [up to 99.9995% efficient on particles 0.12 microns and larger].

Utilizing a portable ductless system conserves space, saves energy, and purifies the air so that harmful particles are not distributed back into the immediate area and environment.



Contact Us
 1-800-799-4609
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sales@sentryair.com

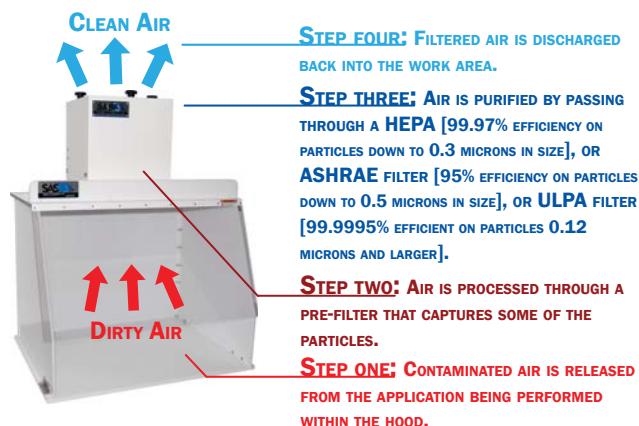


Pharmaceutical Compounding Hood Series

Pharmaceutical Compounding Hoods, also known as **Powder Containment Hoods**, are self-contained work stations that protect operators' respiratory zones from specific harmful airborne contaminants that have been released from compounding applications in the work area of the hood. The powerful fans situated at the top of these hoods creates the negative air pressure that pulls dirty air up and away from the operator's breathing zone. This contaminated air is then directed into the filter chamber, which houses various filter media dependent on the type of particulate that is generated. In most compounding cases, HEPA filtration is utilized [Sentry Air's HEPA filters are up to 99.97% efficient on particles 0.3 microns and larger]. Because the air is scrubbed clean of contaminants by the filter media and then circulated back into the room, no exterior-ducting or make-up is necessary in combination with these units.

Sentry Air Systems offers both
Standard and Custom Size
Pharmaceutical Compounding Hoods

Standard Sizes are:
12" 18" 24" 30" 40" 50" 60" 70"
[Width]



Why Go Ductless?

There are numerous advantages to utilizing a Ductless Powder Containment Hood as opposed to conventional exterior-ducting hoods.

DUCTLESS HOODS ARE GREENER

Ducted exhaust hoods release contaminated vapors and hazardous powders directly into the environment. Ductless hoods trap hazardous vapors and fumes in filters where they can be removed and disposed of properly.

ENERGY EFFICIENCY

Ducted exhaust systems require a significant amount of make-up air while they are running. Because ductless hoods recirculate the air within the room; no energy needs to be spent on heating or cooling make-up air.

COST EFFICIENCY & MINIMAL MAINTENANCE \$

Zero Installation Costs

Ducted exhaust hoods contain additional costs for ducting and installation and may even require costly engineering design and consultation.

Ductless hoods require minimal assembly or installation and in most cases require none at all.

Low Maintenance Costs

Ducted exhaust systems can require much more maintenance. For example, ducting that is clogged, corroded or too dirty requires time-consuming cleaning or complete replacement of the system.

Practically the only up-keep cost requirement for ductless hoods is the replacement of saturated filter media and an occasional quick wipe down cleaning of the hood.

MOBILITY →

Moving a ducted exhaust hood would require disconnecting the hood from the ducting system and the designing a new system at the new location as well as complete re-installation of ductwork, which may require the hiring of outside help to complete.

Ductless Fume Hoods are highly convenient and portable: the hood can be easily relocated by simply picking it up and moving it. They can be up and running seconds after re-location. Additionally, ductless fume hoods allow placement and flexibility in hard to duct areas such as the center or bottom level of a multi-story building.



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Schedule
Contract GS-07F-0039X



Pharmaceutical Compounding Safety Options

Sentry Air's Pharmaceutical Compounding Hoods are available in a variety of Standard Sizes. Our engineers also design and manufacture Custom Hoods when requested.

Standard Sizes:

Model Numbers:

18" Wide

Model SS-218-DCH



DIMENSIONS

Outer Dimensions: 18.5" D x 20" W x 19" H
Interior Dimensions: 18" D x 18" W x 18" H

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

AIR VOLUME

48-100 CFM.
Varies with Filter Media.

FACE VELOCITY

Approximately 100 FPM
with HEPA filter.*

24" Wide

Model SS-224-DCH



DIMENSIONS

Outer Dimensions: 24" D x 26" W x 25" H
Interior Dimensions: 23.5" D x 24" W x 24" H

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

AIR VOLUME

48-100 CFM.
Varies with Filter Media.

FACE VELOCITY

Approximately 100 FPM
with HEPA filter.*

24" Wide- High Flow

Model SS-324-DCH



DIMENSIONS

Outer Dimensions: 24" D x 26" W x 25" H
Interior Dimensions: 23.5" D x 24" W x 24" H

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

AIR VOLUME

50-350 CFM. *Varies with Filter Media and Variable Speed Control.*

FACE VELOCITY

Approximately 100 FPM
with HEPA filter.

30" Wide

Model SS-330-DCH



DIMENSIONS

Outer Dimensions.: 24" D x 32" W x 25" H
Interior Dimensions: 23.5" D x 30" W x 24" H

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

AIR VOLUME

50-350 CFM. *Varies with Filter Media and Variable Speed Control.*

FACE VELOCITY

Approximately 100 FPM
with HEPA filter.

* With Clear Anti-Static Curtains. In some cases, the actual number may significantly exceed 100 FPM with the addition of curtains.

Pharmaceutical Compounding Safety Options

Sentry Air's Pharmaceutical Compounding Hoods are available in a variety of Standard Sizes. Our engineers also design and manufacture Custom Hoods when requested.

Standard Sizes:

Model Numbers:

40" Wide

Model SS-340-DCH



DIMENSIONS

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

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

AIR VOLUME

50-350 CFM. *Varies with Filter Media and Variable Speed Control.*

FACE VELOCITY

Approximately 100 FPM with HEPA filter.

50" Wide

Model SS-350-DCH



DIMENSIONS

Outer Dimensions: 24" D x 52" W x 25" H
Interior Dimensions: 23.5" D x 50" W x 24" H

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

AIR VOLUME

50-350 CFM. *Varies with Filter Media and Variable Speed Control.*

FACE VELOCITY

Approximately 100 FPM with HEPA filter.

60" Wide

Model SS-360-DCH



DIMENSIONS

Outer Dimensions: 24" D x 62" W x 25" H
Interior Dimensions: 23.5" D x 60" W x 24" H

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

AIR VOLUME

50-350 CFM. *Varies with Filter Media and Variable Speed Control.*

FACE VELOCITY

Approximately 100 FPM with HEPA filter.

70" Wide

Model SS-370-DCH



DIMENSIONS

Outer Dimensions: 24" D x 72" W x 25" H
Interior Dimensions: 23.5" D x 70" W x 24" H

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

AIR VOLUME

50-350 CFM. *Varies with Filter Media and Variable Speed Control.*

FACE VELOCITY

Approximately 100 FPM with HEPA filter.*

* With Clear Anti-Static Curtains. In some cases, the actual number may significantly exceed 100 FPM with the addition of curtains.

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Pharmaceutical Compounding Safety Options

Sentry Air's Pharmaceutical Compounding Hoods are available in a variety of Standard Sizes. Our engineers also design and manufacture Custom Hoods when requested.

Standard Sizes:

Model Numbers:

Winged Sentry

Model SS-200-WS



WORK AREA DIMENSIONS

9" L x 21" W x 8" H

AIR VOLUME

Up to 100 CFM.
Varies with Filter Media.

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

Winged Sentry with Lid

Model SS-200-WSL



WORK AREA DIMENSIONS WITH LID

9" L x 21" W x 8" H

AIR VOLUME

Up to 100 CFM.
Varies with Filter Media.

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

Winged Sentry

Model SS-300-WS



WORK AREA DIMENSIONS

13.5" L x 28" W x 13" H

AIR VOLUME

50-350 CFM. *Varies with Filter Media and Variable Speed Control.*

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

Winged Sentry with Lid

Model SS-300-WSL



WORK AREA DIMENSIONS WITH LID

13.5" L x 28" W x 13" H

AIR VOLUME

50-350 CFM. *Varies with Filter Media and Variable Speed Control.*

FILTRATION

Depending on the Application:

- HEPA [99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [95% efficient on particles 0.5 microns and larger]
- ULPA [99.9995% efficient on particles 0.12 microns and larger]

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