

Portable Clean Room Hood- 24" Wide



Model # SS-324-PCR

ISO CLASS 5

Product Specifications

HOOD DIMENSIONS

Interior Dimensions: 23.5" D x 24" W x 24" H
 Outer Dimensions: 24" D x 26" W x 25" H
 Access Area: 8" x 24"

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

15.5" L x 13" W x 14.5" H

BLOWER MATERIAL

16 ga. carbon steel with polyurethane epoxy coating on all surfaces

WEIGHT

Approx. 95 lbs.

CLASSIFICATION

ISO Class 5

AIR VOLUME

Up to 350 CFM with MERV 8 and HEPA Filter Media.

ELECTRICAL

115/1/60, 2 amps
 220/1/50, 0.75 amps
 8' grounded power cord with NEMA 5-15P Plug

SOUND LEVEL

Approx. 55 dba @ 3' from hood inlet

FILTRATION MEDIA

Pre-Filter:

- MERV 8 Pre-filter

Main Filter Options:

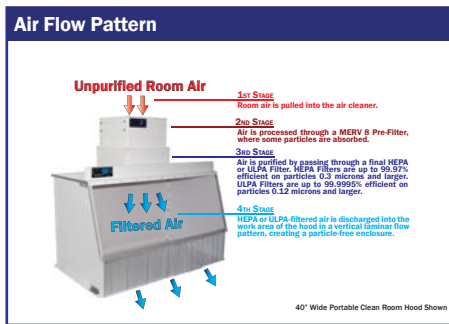
- HEPA [up to 99.97% efficient on particles 0.3 microns and larger] OR
- ULPA [up to 99.9995% efficient on particles 0.12 microns and larger]

WARRANTY

Limited three-year warranty from date of shipment on defects due to materials or workmanship.
 PATENT #5,843,197



Measurements are approximate.



Product Features

- Variable Speed Controller Included (115V only)
- Simple, Quick "No Tool" Filter Change
- Optional UV Light
- Clear anti-static vinyl curtains Included
- Reliable, Low Maintenance Operation
- Optional Magnehelic Gage
- Fluorescent Light Included
- Long Filter Life
- Optional Hour Counter
- Quiet Operation
- Other Standard Sizes: 12", 18", 30", 40"
- Optional Removable Spill Tray

The 24" Wide Portable Clean Room Hood creates a compact and particle-free benchtop enclosure that is designed to protect the process. This vertical laminar flow hood is rated an ISO Class 5 clean room cabinet and utilizes a dual-stage filtration process that supplies purified airflow through a pre-filter and main filter. The main filter is typically either a HEPA or ULPA filter depending on the efficiency desired. The HEPA filter is up to 99.97% efficient on particles 0.3 microns and larger, while the ULPA filter is up to 99.9995% efficient on particles 0.12 microns and larger.

This portable clean room hood has been utilized in variety of applications, including stem cell therapy practices and other medical applications, tissue culturing, data recovery, cleaning processes, portable field testing, manufacturing, and much more.

The 24" Wide Portable Clean Room Hood can be easily integrated with existing laboratory or working space because of its small size and portable nature. This system also features energy-efficiency and quiet and low maintenance operation. A variable speed controller for air volume management and a fluorescent light are included with this unit. An optional UV light is also available for sterilization purposes.

Our line of portable clean rooms are not intended for sterile compounding applications.



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