

Portable Clean Room Hood- 24" Wide



Model # SS-324-PCR

ISO CLASS 3

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

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. 102 lbs.

CLASSIFICATION

ISO Class 3

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

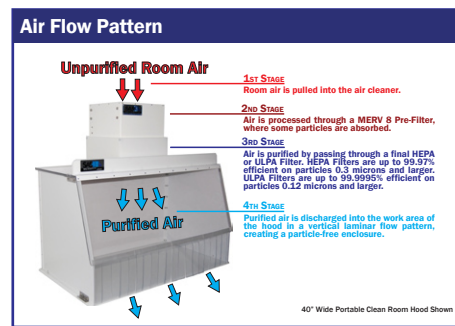
Pre-Filter:
• MERV 8 Pre-filter
Main Filter:
• HEPA [up to 99.97% efficient on particles 0.3 microns and larger] OR
• ULPA [up to 99.9995% efficient on particles 0.12 microns and larger]

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*
- 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 3 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 sterile compounding, stem cell therapy practices and other medical applications, tissue culturing, data recovery, sterile 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.



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