

Portable Clean Room Hood- 40" Wide



Model # SS-340-PCR

ISO CLASS 5

Product Specifications

HOOD DIMENSIONS

Interior Dimensions: 23.5" D x 40" W x 24" H
Outer Dimensions: 24" D x 42" 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. 122 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

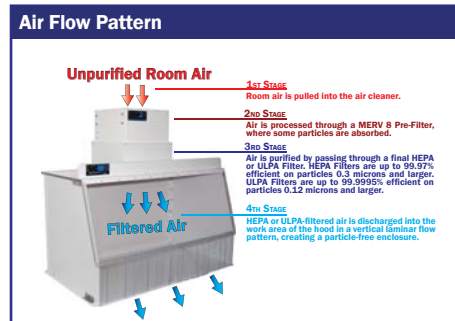
Approx. 55 dba @ 3' from hood inlet

FILTRATION

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



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", 24", 30"**
- Optional Removable Spill Tray**

For applications that require a particle-free, compact clean room environment, the **40" Wide Portable Clean Room Hood** may be an optimal solution. This positive-pressure benchtop hood utilizes a vertical laminar flow pattern and provides an ISO Class 5 clean room enclosure. A dual-stage filtration system comprised of a pre-filter and main filter supplies purified air into the hood to protect the process. 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 unit has been used for a variety of applications that require a clean environment, including stem cell therapy practices and other medical applications, data recovery, tissue culturing, clean room applications, manufacturing, cleaning processes, and much more.

This unit is equipped with a Variable Speed Controller for air volume management and a fluorescent light for interior illumination. A UV light is also available for sterilization purposes. The 40" Wide Portable Clean Room Hood offers energy-efficiency and quiet and low maintenance operation for a variety of applications that require a compact, particle-free environment.

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



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