

Portable Clean Room Hood- 40" Wide



Model # SS-340-PCR

ISO CLASS 3

Product Specifications

HOOD DIMENSIONS

Interior Dimensions: 24" D x 40" W x 24" H
Outer Dimensions: 24.5" 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 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

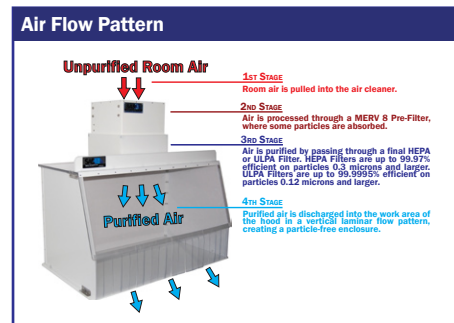
Approx. 55 dba @ 3' from hood inlet

FILTRATION

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



Product Features

- Variable Speed Controller *Included*
- Clear anti-static vinyl curtains *Included*
- Fluorescent Light *Included*
- Quiet Operation
- Simple, Quick "No Tool" Filter Change
- Reliable, Low Maintenance Operation
- Long Filter Life
- Other Standard Sizes: 12", 18", 24", 30"
- Optional UV Light
- Optional Magnehelic Gage
- Optional Hour Counter
- 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 3 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 sterile environment, including stem cell therapy practices and other medical applications, sterile compounding, data recovery, tissue culturing, clean room applications, manufacturing, sterile 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.



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