

Portable Clean Room Hood- 18" Wide



Model # SS-218-PCR

ISO CLASS 5

Product Specifications

HOOD DIMENSIONS

Interior Dimensions: 18" D x 18" W x 18" H
 Outer Dimensions: 18.5" D x 20" W x 19" H
 Access Area: 8" x 18"

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

10.5" L x 8" W x 8.5" H

BLOWER MATERIAL

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

WEIGHT

Approx. 35 lbs.

CLASSIFICATION

ISO Class 5

AIR VOLUME

Up to 100 CFM with MERV 8 and HEPA Filter Media.

ELECTRICAL

115/1/60, Approx. 0.3 Amps
 220/1/50, Approx. 0.2 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:

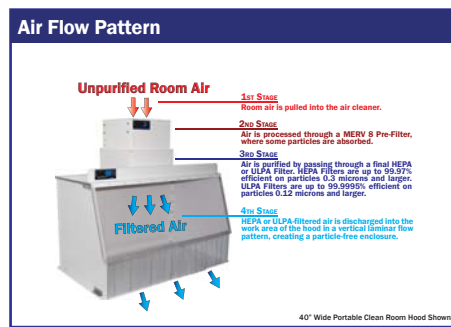
- HEPA [up to 99.97% efficient on particles 0.3 microns and larger] OR
- ULPA [up to 99.9995% efficient on particles 0.12 microns and larger]

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

- Clear anti-static vinyl curtains *Included*
- Simple, Quick "No Tool" Filter Change
- Optional Variable Speed Controller (115V only)
- Fluorescent Light *Included*
- Reliable, Low Maintenance Operation
- Optional Hour Counter
- Highly Portable and Lightweight
- Long Filter Life
- Optional Removable Spill Tray
- Quiet Operation
- Other Standard Sizes: 12", 24", 30", 40"

For applications that require a compact and clean positive-pressure environment, the **18" Wide Mini Portable Clean Room Hood** may be an excellent choice. This system is rated as an ISO Class 5 clean room cabinet. It utilizes a dual stage filtration process consisting of a pre-filter and a HEPA or ULPA filter. 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 portable field testing, stem cell therapy practices and other medical applications, tissue culturing, data recovery, cleaning processes, manufacturing, and much more.

This unique system features a small footprint, energy-efficiency, and low maintenance operation. The 18" Wide Portable Clean Room Hood can be easily integrated into existing workspaces because of its size and can be transported to various locations without difficulty because of its lightweight and portable nature.

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



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