Portable Clean Room Hood- 18” Wide

Model # SS-218-PCR

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

WEIGHT
Approx. 35 lbs.

CLASSIFICATION
ISO Class 5

AIR VOLUME
Up to 65 CFM FPM Average face velocity
W/O Curtains.

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

Product Features

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

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.