Positive - Pressure Clean Room Hood

Model # SS-330-PCR

Product Specifications

**HOOD DIMENSIONS**
- Interior Dimensions: 23.5" D x 30" W x 24" H
- Outer Dimensions: 24" D x 32" 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. 107 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 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.

**Product Features**

- Variable Speed Controller Included (115V only)
- 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", 40"
- Optional UV Light
- Optional Manomeric Gage
- Optional Hour Counter
- Optional Removable Spill Tray

The 30” Wide Portable Clean Room Hood is rated as an ISO Class 5 clean room cabinet. It protects the process by utilizing a vertical laminar flow pattern and dual-stage filtration system that delivers positive-pressure, purified air 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 system has been used in a variety of applications including stem cell therapy practices and other medical applications, data recovery, tissue culturing, 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 30” Wide Portable Clean Room Hood offers energy-efficiency and quiet and low maintenance operation for a variety of applications that require a compact, positive-pressure environment.

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