

18" Portable Clean Room Hood

Model # SS-218-PCR



The **18" Wide Portable Clean Room Hood** offers an *ISO Class 5 cleanroom* to help protect the process from outside contamination and particulate. This system utilizes a vertical laminar airflow pattern and a dual-stage filtration to create positive-pressure environment by supplying filtered air to the workspace. The **Portable Clean Room Hood** draws in ambient air and processes the air through a pre-filter and main filter. Main filter choices include **HEPA filtration** (up to 99.97% efficiency on particles down to 0.3 microns) and **ULPA filtration** (up to 99.9995% efficiency on particles down to 0.12 microns).

The **Portable Clean Room Hood** offers a reliable and low maintenance operation for a variety of applications including *IV infusion, parts inspection, optics/laser assembly, tissue culturing, data recovery, stem cell therapy practices and other medical applications*. This unit's compact size and portable nature also make it a good choice for field-testing applications that require frequent travel.

Our line of portable clean rooms is not intended for chemotherapy.



18" Portable Clean Room Hood



18" PCR provides a clean workspace for tissue culturing.

Product Features

- **Includes:** anti-static vinyl curtains and LED light
- **Optional:** variable speed controller (115V only), hour counter, and removable spill tray
- **Standard Sizes:** 12", 18", 24", 30", and 40"
- Provides up to an ISO Class 5 Clean Room
- Highly portable and lightweight
- Quiet operation
- Reliable, low maintenance operation
- Long filter life
- Simple "no tool" filter change



The 18" PCR Hood provides a sterile workspace for a variety of medical applications



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Positive-Pressure Clean Room

Product Specifications



Dimensions are approximate



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Hood Dimensions (D x W x H)	Outer: 18.5" x 20" x 19" Interior: 18" x 18" x 18" Access Area: 8" x 18"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions (L x W x H)	10.5" x 8" x 8.5"
Blower Material	16 ga. carbon steel with polyurethane epoxy coating on all surfaces
Weight (approximately)	35 lbs
ISO Classification	Up to ISO Class 5
Air Volume (approximately)	Up to 65 CFM (with HEPA filter media)
Electrical	115/1/60, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (High at 3' from inlet)	Approx. 55 dba
Pre-Filter	MERV 8 Pre-Filter
Main Filter Options	<i>Depending on the Application:</i> HEPA [up to 99.97% efficiency on particles 0.3 microns and larger] ULPA [up to 99.9995% efficiency on particles 0.12 microns and larger]
Warranty	Limited three-year warranty from date of shipment on defects due to materials or workmanship.
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