

30" Portable Clean Room UVC

Model # SS-330-PCR-UVC



The **30" Wide Portable Clean Room UVC** offers up to 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 UVC** 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 user-friendly control panel allows the operator to adjust the *LED light intensity and fan speed*. The digital display shows the current runtime for the hood. This panel provides controls for the *UVC feature* which safely decontaminates the hood's surfaces. The operator simply turns the UVC switch ON and the digital display starts counting down 120 seconds. The audible alarm and visual blinking LED indicator help notify the operator to leave the room for the UVC cycle. After the two minute countdown, the UVC light stays lit for 15 minutes. For safety reasons, the operator must leave the room while the hood completes the UVC sterilization cycle.

The **30" Portable Clean Room UVC** offers a reliable and low maintenance operation for a variety of applications including *IV infusion, parts inspection, optics/laser assembly, stem cell therapy practices and other medical applications*.

This system is also available in 24" and 40" widths.

Product Features

- **Control panel:** LED light control, fan speed control, runtime digital display, and UVC sterilization cycle controls/countdown/alarm
- **Includes:** anti-static vinyl curtains, LED light, and UVC light
- **Optional:** removable spill tray
- **Standard Sizes:** 24", 30", and 40"
- Quiet operation
- Simple quick "no tool" filter change with long-life



30" Portable Clean Room UVC



Control Panel with UVC Light Controls



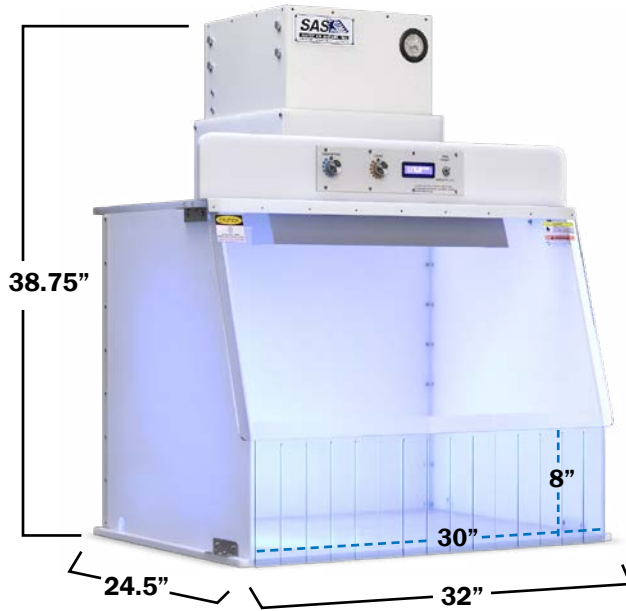
PCR Hood with UVC Light Activated



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Positive-Pressure Clean Room

Product Specifications



Shown with outer dimensions.
Dimensions are approximate.



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Hood Dimensions (D x W x H)	Outer: 24" x 32" x 25" Interior: 23.5" x 30" x 24" Access Area: 8" x 30"
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	13"L x 13" W x 13.75" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight (approximately)	120 lbs
Air Volume (approximately)	High: 350 CFM Low: 50 CFM (Pre-Filter & HEPA Filter)
Inlet Velocities on High (approximately)	High: 130 FPM Low: 30 FPM (Pre-Filter & HEPA Filter)
Electrical	115/1/60, 2 amps 8' grounded power cord with NEMA 5-15P plug
UVC Lamp	18.4 Watt, B1 Base, 15 x 386 mm, Instant Start
Sound Level	58 to 60 dba (low to high)
Pre-Filter	MERV 8 Pre-Filter
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ULPA (up to 99.9995% efficient on particles down to 0.12 microns)
Warranty	Limited three-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197