

## Portable Clean Room Hood UVC

Model # SS-324/330/340-PCR-UVC



The **Wide Portable Clean Room Hood UVC** 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 UVC** draws in ambient air and processed 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 **Portable Clean Room Hood 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 available in 24", 30", and 40" widths.*



Portable Clean Room Hood UVC



Control Panel with UVC Feature

### 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, UVC lights.
- Quiet operation
- Simple quick "no tool" filter change with long-life
- **Standard Sizes:** 24", 30", 40"
- **Optional:** removable spill tray



PCR Hood with UVC Feature Activated



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# Positive-Pressure Clean Room Hood

## Product Specifications



	24" PCR UVC Hood SS-324-PCR-UVC	30" PCR UVC Hood SS-330-PCR-UVC	40" PCR UVC Hood SS-340-PCR-UVC
Hood Dimensions (D x W x H)	<b>Outer:</b> 24" x 26" x 25" <b>Interior:</b> 23.5" x 24" x 24" <b>Access Area:</b> 8" x 24"	<b>Outer:</b> 24" x 32" x 25" <b>Interior:</b> 23.5" x 30" x 24" <b>Access Area:</b> 8" x 30"	<b>Outer:</b> 24" x 42" x 25" <b>Interior:</b> 23.5" x 40" x 24" <b>Access Area:</b> 8" x 40"
Hood Material	<b>Sides:</b> 0.25" white acrylic <b>Base:</b> 0.5" white high density polyethylene <b>Top:</b> 0.5" clear polycarbonate <b>Front Window:</b> 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)	102 lbs	120 lbs	120 lbs
Air Volume (approximately)	<b>High:</b> 350 CFM; <b>Low:</b> 50 CFM (Pre-Filter & HEPA Filter)		
Inlet Velocities on High (approximately)	<b>High:</b> 100 FPM (Pre-Filter & HEPA Filter)	<b>High:</b> 130 FPM <b>Low:</b> 30 FPM (Pre-Filter & HEPA Filter)	<b>High:</b> 130 FPM <b>Low:</b> 30 FPM (Pre-Filter & HEPA Filter)
Electrical	115/1/160, 3 amps 8' grounded power cord with NEMA 5-15P plug	115/1/160, 2 amps 8' grounded power cord with NEMA 5-15P plug	115/1/160, 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	<b>HEPA</b> (up to 99.97% efficient on particles down to 0.3 microns) <b>ULPA</b> (up to 99.9995% efficient on particles down to 0.12 microns)		
Warranty	Limited three-year warranty from the date of shipment on defects due to materials or workmanship.		
Patent #	5,843,197		



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