

24" Portable Clean Room UVC

Model # SS-324-PCR-UVC



The **24" 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).

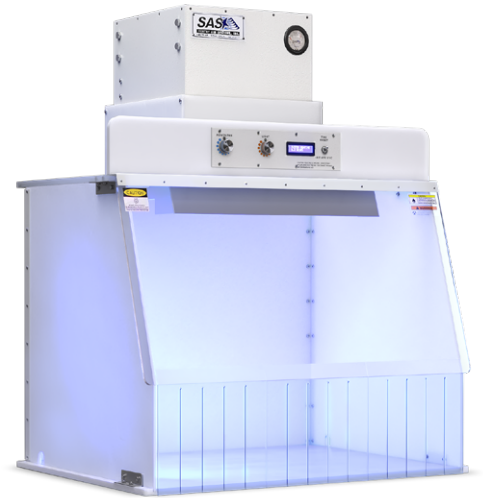
The user-friendly control panel allows the operator to adjust the *LED light intensity and fan speed*. The digital display shows the current runtime for the hood. This panel provides controls for the *UVC feature* which safely decontaminates the hood's surfaces. The operator simply turns the UVC switch 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 **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 is also available in 30" 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



24" Portable Clean Room UVC



Control Panel with UVC Light Controls



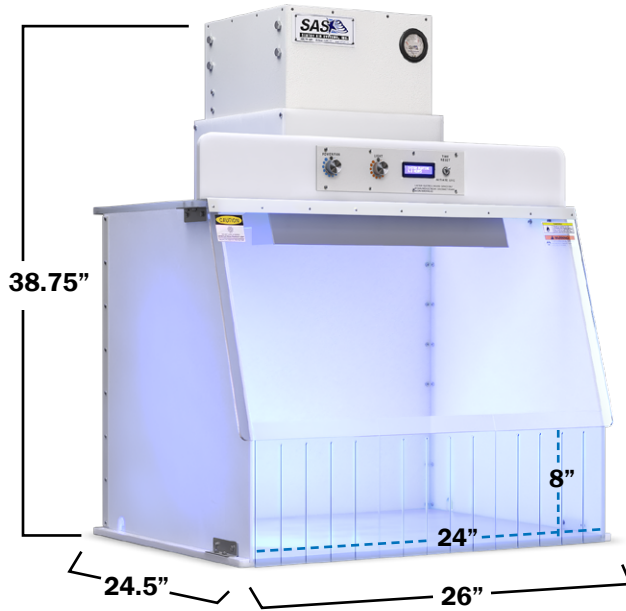
PCR Hood with UVC Lightw Activated



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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 26" x 25" Interior: 23.5" x 24" x 24" Access Area: 8" x 24" |
| 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) | 102 lbs |
| Air Volume (approximately) | High: 350 CFM Low: 50 CFM (Pre-Filter & HEPA Filter) |
| Inlet Velocities on High (approximately) | High: 100 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 | 55 dba |
| 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 on defects due to materials or workmanship. |
| Patent # | 5,843,197 |