

## 24" Portable Clean Room – Generation II



### Model # SS-324-PCR2

The **24" Portable Clean Room - Generation II** offers updated features to make it easier for the user to operate, monitor, and maintain the system. The *PCR2 Series* features a front-facing variable speed controller, easy filter change, running indicator light, and improved airflow and efficiency. This unit also allows for PAO testing to test the filter for leaks and ensure the system's efficiency.

The *24" Wide Portable Clean Room - Generation II* provides up to an **ISO Class 5 Clean Room** to help protect the process from outside contamination and particulate. This system utilizes a vertical laminar airflow pattern and a high quality filter to create a positive-pressure environment. The *Portable Clean Room Hood* draws in ambient air and processes the air through a main filter to supply filtered air to the workspace. 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).



*24" Portable Clean Room  
(Generation II)*

The *Portable Clean Room* 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. This unit does not require makeup air or expensive ductwork saving on installation and operating costs.

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

### Product Features

- **Includes:** anti-static vinyl curtains, LED light, front-facing variable speed controller, and running indicator light
- **Standard Sizes:** 24", 30", 40", 50", 60", and 70"
- Provides up to an ISO Class 5 Clean Room
- Highly portable and lightweight
- Quiet operation
- Reliable, low maintenance operation
- Long filter-life
- Simple filter change



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# Positive-Pressure Clean Room

## Product Specifications



Dimensions are approximate.



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<b>Hood Dimensions</b> (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>Hood Material</b>	<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
<b>Blower Dimensions</b> (L x W x H)	13" x 13" x 11"
<b>Blower Material</b>	16 ga. carbon steel with polyurethane epoxy coating on all surfaces
<b>Weight</b> (approximately)	75 lbs
<b>ISO Classification</b>	Up to ISO Class 5
<b>Air Volume</b> (approximately)	<b>HEPA:</b> 50 - 400 CFM <b>ULPA:</b> 50 - 300 CFM
<b>Electrical</b>	115/1/60, 1.65 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level</b> (At 3' from inlet)	Approx. 50 - 65 dba (low to high)
<b>Filter Options</b>	<i>Depending on the Application:</i> <b>HEPA</b> [up to 99.97% efficiency on particles 0.3 microns and larger] <b>ULPA</b> [up to 99.9995% efficiency on particles 0.12 microns and larger]
<b>Warranty</b>	Limited one-year warranty from date of the shipment on defects due to materials or workmanship.