

## Mini Portable Clean Room Blower

Model # SS-100-HEMS

MADE IN  
THE USA



SINCE 1983

The **Mini Portable Clean Room Blower** provides a low cost and compact solution for converting an enclosure or hood to a positive-pressure clean room environment. This system draws in air from the surrounding room and filters out particles to create a reduced particulate workspace suitable for a variety of commercial, medical, laboratory, and industrial applications. Typical applications include *hard drive restoration, computer and electronics repairs, sterile assembly, medical device manufacturing, cleaning optics and lasers, stem cell therapy, tissue culturing, and more applications that require a clean room environment.* However, this unit is not suitable for sterile compounding applications.



The **Mini Portable Clean Room Blower** can furnish up to an ISO Class 4 clean room. This system uses a dual stage filtration process consisting of a pre-filter and main filter with a choice of a **HEPA** or **ULPA** filter. The **HEPA filter** grants up to 99.97% efficiency on particles down to 0.3 microns and larger, while the **ULPA filter** maintains up to 99.9995% efficiency on particles down to 0.12 microns and larger.

This small footprint device features an energy efficient and low maintenance operation. It can easily be added to an existing hood or is available as a complete 18" mini portable clean room hood [SS-118-IPURE].



Mini Portable Clean Room Blower shown mounted on enclosure (SS-118-IPURE). Please note: enclosure not included.

### Product Features

- Includes mounting brackets
- Converts enclosure up to ISO Class 4 Clean Room
- Quiet operation
- Reliable, low maintenance operation
- Long filter life
- Simple "no tool" filter change

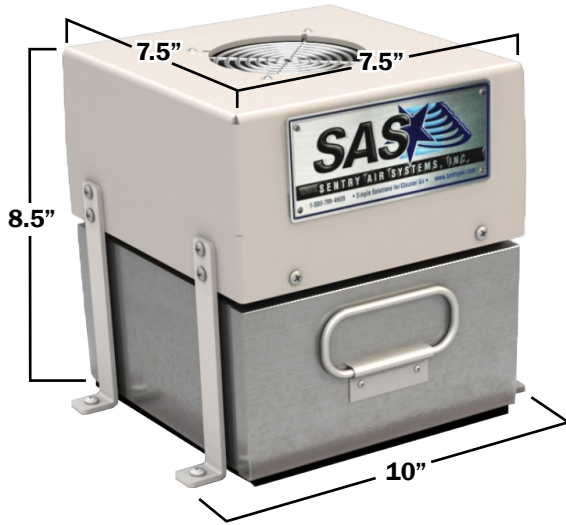


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# Positive-Pressure Clean Room

## Product Specifications



Dimensions are approximate

<b>Dimensions</b>	<b>Length:</b> 7.5" <b>Width:</b> 10" <i>(includes mounting brackets)</i> <b>Height:</b> 8.5"
<b>Material</b>	0.1875" acrylonitrile-butadienestyrene (ABS)
<b>Weight (approximately)</b>	11 lbs
<b>Air Volume (approximately)</b>	Up to 80 CFM (with HEPA filter media)
<b>Electrical</b>	115/1/60, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
<b>Sound Level (High at 3' from inlet)</b>	Approx. 58 dba
<b>Main 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 two-year warranty from date of shipment on defects due to materials or workmanship.
<b>US Patent</b>	#5,843,197



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