

Model 450 Portable Room Air Cleaner



Model # SS-450-PRAC

The **Model 450 Portable Room Air Cleaner** is a highly efficient and compact ambient room air cleaner that features quiet operation, low power consumption, and variable speed control. Typical uses for this room air cleaner are *ambient air cleaning in medical environments, laboratory air cleaner, office air cleaner, general room air cleaner, dust control, odor control* and a variety of applications involving *chemical fumes and particulates*.

This air cleaner is equipped with a powerful fan and high quality **HEPA filtration media** that offers up to 99.97% efficiency on particles 0.3 microns and larger. Other particulate filter options are available including the **ASHRAE filter** [up to 95% efficiency on particles 0.5 microns and larger], **ULPA filter** [up to 99.9995% efficiency on particles 0.12 microns and larger]. For those that wish to control organic chemicals and odors, **Activated Carbon** filtration is also an option as well as **specialty-blended filtration media** [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]. Filter combinations can be changed to be best suited for the application, as well as multiple filtration media can be housed in the filter chamber to allow filtration of both fumes and particulates. The small footprint of the **Portable Room Air Cleaner** makes it an ideal choice for smaller environments that require air purification.

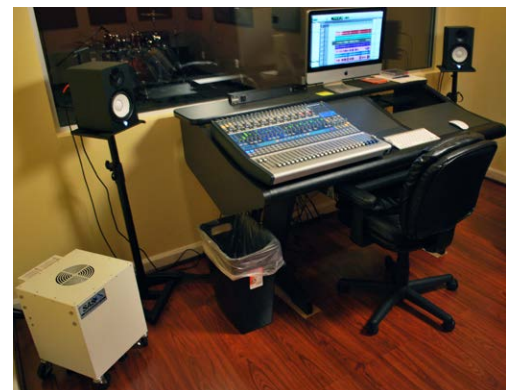
The **Model 450 Portable Room Air Cleaner** can provide an effective and economical solution for many commercial, medical, laboratory and industrial ambient air cleaning applications. Three smaller models [SS-200-PRAC, SS-300-PRAC, & SS-400-PRAC] are also available.



SS-300-PRAC Shown

Product Features

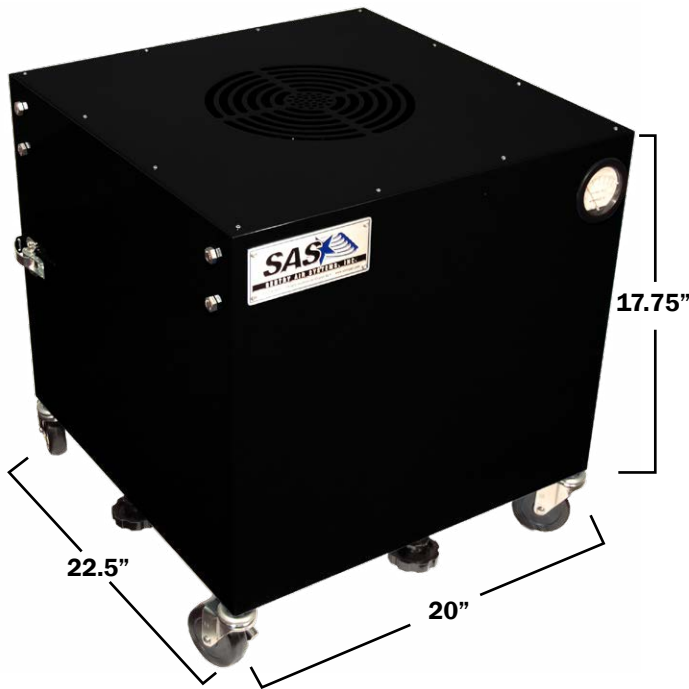
- Variable speed controller (115V only)
- On/Off toggle switch (220V only)
- Portability casters
- Sturdy construction
- Quiet, reliable, and low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick “no tool” filter change
- **Optional:** magnehelic gauge, hour counter



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Product Specifications



Dimensions are approximate
Shown with optional accessories



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Base Unit Dimensions	Length: 22.5" (w/ control box) Width: 20" Height: 17.75"
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	62 - 112 lbs.
Air Volume (approximately)	High – 950 CFM Low – 50 CFM
Electrical	115/1/60, 10.7 amps 220/1/50, 5.35 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (at 3' from inlet)	Approx. 72 dba (High)
Main Filter Options	<i>Depending on the Application:</i> HEPA [up to 99.97% efficiency on particles 0.3 microns and larger] ASHRAE [up to 95% efficiency on particles 0.5 microns and larger] ULPA [up to 99.9995% efficiency on particles 0.12 microns and larger] Activated Carbon Specialty-Blended Filter Media [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]
Limited Warranty (From Date of Shipment)	Limited two year warranty on defects due to materials or workmanship. Limited six month warranty on fan/motor assembly.
Patent #	5,843,197