

HEPA-AIRE® Model PAS1200HC Portable Air Scrubber

The compact, upright design of the lightweight (85 lbs) PAS1200HC model enables it to fit easily into very small spaces inaccessible to negative air machines or other larger units. This capability makes it especially well suited for facilities or contractors looking to standardize on one model to handle a wide range of projects. While this may sometimes require more units for larger projects than the more powerful HEPA-AIRE PAS models, it provides advantages on smaller jobs in confined or cramped areas.

The PAS1200HC uses a special backward-curved blower and high-speed motor to pull pollutants through up to four stages of filtration. Variable speed controls (150cfm to almost 900cfm) enable the user to “tune in” the precise airflow required for each job more accurately than with one or two-speed units. At top speed it can provide up to 12 ACH in a 3,000 to 3,600 cu. ft. space (up to 20'x18'x10').

Stage 1: An inexpensive, high-capacity 1" deep Fiber-Trapper® prefilter for large particulates that can be washed and reused or treated as a disposable.

Stage 2: A 2"-deep pleated prefilter with ASHRAE MERV 7 efficiency.

Stage 3: A 2"-deep high-capacity Vapor-Lock® carbon filter for gases, odors & VOC (optional).

Stage 4: An IEST compliant metal-frame HEPA filter, with minimum efficiency of 99.97% @ 0.3 microns.

The PAS1200HC is easily tilted back onto its built-in dolly with 8" diameter, rear wheels, and rolled to where it is needed. It “turns on a dime” in tight spaces on its front swivel casters. The offset rear wheels make it easy to move up or down stairs.

The recessed control panel features a full array of controls, including: a variable speed control knob; male power cord receptacle; power on (green) indicator lamp; dual filter change (amber) indicator lamps; pop-out circuit breaker; and operating hour meter.

FEATURES

- Variable airflow, 150-900 cfm**
- High quality stainless steel cabinet**
- ETL electrical safety certification to U.S. & Canada standards**
- Solid rivet aircraft construction**
- Closed cell neoprene gaskets in critical seams**
- 'Zero Bypass' cabinet design**
- Each HEPA filter is tested and certified to a minimum efficiency of 99.97% @ 0.3 microns per IEST-RP-CC001.3**
- Metal HEPA frames meet CDC infection-control guidelines**
- 8" diameter rear wheels, with smooth, non-marking rubber tires**
- Front casters that swivel 360°**
- Recessed and sealed control panel**
- Modular panel design with one-plug removal**
- Flex duct available separately (not included)**



CONTROL PANEL FEATURES

- Variable speed control
- 'Power On' indicator lamp
- 'Replace Prefilter' indicator lamp
- 'Replace HEPA' indicator lamp
- Hour meter
- Male power receptacle

 **ABATEMENT**
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HEPA-AIRE® Portable Air Scrubber Combined Specifications

	PAS2400	PAS1800	PAS1200	PAS600
NRTL Certified To OSHA/CSA Elec. Safety Requirements	Yes (ETL)	Yes (ETL)	Yes (ETL)	Yes (ETL)
Dimensions L,W,H (Inches)	31.5 x 25.25 x 49.75	21.5 x 24.5 x 41.5	19.25 x 22 x 39	27.75 x 16 x 17.125
Weight, Includes Filters	170 lbs	138 lbs	85 lbs	46 lbs
Airflow Range*	700-2100 2-Speed	1000-1800 2-Speed	150-900 Variable	50-600 Variable
Maximum Area For 12 ACH	9,000 cu. Ft.	7,200 cu. ft.	3,600 cu. ft.	2,400 cu. ft.
Maximum Static	6.0" w.g.	3.5" w.g.	3.5" w.g.	2.2" w.g.
Cabinet Material	20 Gauge Stainless Steel	20 Gauge Stainless Steel	20 Gauge Stainless Steel	20 Gauge Stainless Steel
Solid Rivet Construction	Yes	Yes	Yes	Yes
Power Consumption @ 115v / 60Hz	<12 amps	<10 amps	<4 amps	<2 amps
Filtration Stages	3-4	2-3	3-4	4
1st Stage Filter	1" Particulate	2" Particulate	1" Particulate	1" Particulate
2nd Stage Filter	2" Pleated	Optional 2" Pleated	2" Pleated	2-Layer / 2-Stage B Pleated / Carbon
3rd Stage Filter	2" Vapor-Lock Carbon (Optional)	2" Vapor-Lock Carbon (Optional)	2" Vapor-Lock Carbon (Optional)	
4th Stage Filter	99.97% HEPA** Metal Frame	99.97% HEPA** Metal Frame	99.97% HEPA** Metal Frame	99.97% HEPA** Metal Frame
Integral Transport Dolly	Yes, With Stair Climbers	Yes	Yes	Carrying Handles (2) (Optional Caster Cart)
Hour Meter	Yes	Yes	Yes	No
"No Tools" Prefilter Access	Yes	Yes	Yes	Yes
Rear Wheels	10" Dia. Smooth, Non-Marking Tires	8" Dia. Smooth, Non-Marking Tires	8" Dia. Smooth, Non-Marking Tires	Plastic Feet Std. (Optional Caster Cart)
Front Wheels	3" Dia. 360° Swivel Casters	3" Dia. 360° Swivel Casters	3" Dia. 360° Swivel Casters	Plastic Feet Std. (Optional Caster Cart)
Intake Collar	Yes, 12" Diameter	Yes, 12" Diameter	Yes, 10" Diameter	Optional Inlet Section w/ 8" Collar
Exhaust Collar	Yes, 12" Diameter	Yes, 12" Diameter	Yes, 10" Diameter	Yes, 8" Diameter

Note: The PAS1200HC comes equipped with a 10" diameter outlet collar, a 10" locking clamp for flex duct attachment and a 14/3 AWG power cord.

* PERFORMANCE RATINGS ARE BASED UPON THE USE OF ABATEMENT TECHNOLOGIES' ORIGINAL FILTERS. SUBSTITUTION OF OTHER FILTER BRANDS VOIDS THE PRODUCT WARRANTY AND ALL PERFORMANCE CLAIMS. AIRFLOW TESTING IS CONDUCTED WITH A VANE ANEMOMETER OR HOT PROBE TRAVERSE WITH CLEAN FILTERS AND NO DUCTING OR OTHER ATTACHMENTS. RATINGS ARE AT 120 VOLTS AC DELIVERED TO THE MOTOR. OTHER CONDITIONS OR TEST METHODS MAY PRODUCE DIFFERING RESULTS.

** Abatement Technologies' HEPA filters are individually tested & certified to ensure that the completed filter provides an overall minimum efficiency of 99.97% when challenged by a thermally generated test aerosol 0.3 microns in size, in accordance with IEST-RP-CC001.3