

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 6 ACH in a 5,400 to 7,200 cu. ft. space (up to 27'x20'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 6 ACH | 20,000 cu. ft. | 16,200 cu. ft. | 8,000 cu. ft. | 5,000 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