

Abatement Technologies HEPA-AIRE® Portable Air Scrubbers: Performance & Specifications

	PAS600	PAS1200	PAS1800	PAS2400
AIRFLOW*:	200 - 600 cfm	150 - 900 cfm	1000 - 1600	700 - 2100 cfm
PEAK AIR CHANGES PER HOUR (ACH):	6 ACH @ 6,000 ft ³	6 ACH @ 9,000 ft ³	6 ACH @ 16,000 ft ³	6 ACH @ 21,000 ft ³
ELECTRICAL REQUIREMENTS:	120 volt/15 ampere/60 Hz	120 volt/15 ampere/60 Hz	120 volt/15 ampere/60 Hz	120 volt/15 ampere/60 Hz
NORMAL OPERATING AMPS:	2.5 amp draw or less @ 600 cfm. Multiple units daisy-chain on one 15 ampere circuit	3.5 amp draw or less @ 1,000 cfm. Multiple units daisy-chain on one 15 ampere circuit	10 amp draw or less	12 amp draw or less
BUILT-IN BREAKER:	12 amps	10 amps	15 amps	15 amps
MOTORIZED IMPELLER:	255 watt motorized impeller w/thermal overload protection & auto reset & designed for 100,000 hours maintenance free operation	400 watt motorized impeller w/thermal overload protection & auto reset & designed for 100,000 hours maintenance free operation	1.75hp blower w/thermal overload protection & auto reset	1.5hp motorized impeller w/thermal overload protection & auto reset & designed for 100,000 hours maintenance free operation
CABINETRY:	20 gauge stainless steel aircraft construction with solid rivets	20 gauge stainless steel aircraft construction with solid rivets	20 gauge stainless steel aircraft construction with solid rivets	20 gauge stainless steel aircraft construction with solid rivets
TRANSPORTABILITY:	2 top lift handles or optional caster cart; multiple units stack and nest on a 2 wheel dolly	Two-wheel dolly consisting of 8" solid, non-marking rubber rear wheels, 360° swivel front casters and a secure top handle for easy movement & control	Two-wheel dolly consisting of 8" solid, non-marking rubber rear wheels, 360° swivel front casters and a secure top handle for easy movement & control	Built-in dolly with handle, 2 ea. 10" rear wheels with solid, non-marking rubber tires & 2 ea. 360° swivel casters in front
SURFACE PROTECTION:	Attached rubber feet	Non-marking wheels and casters	Non-marking wheels and casters	Non-marking wheels and casters
FILTERS:				
Stage 1 Pre-Filter	Inexpensive, high-capacity 1" FIBER-TRAPPER® 1.0 pre-filter for large particulates; can be washed & reused, or treated as a disposable (MERV 4)	Inexpensive, 1" filter for capturing large particulates; can be washed & reused, or treated as a disposable (MERV 4)	2"-deep FIBER-TRAPPER® 2.0 pre-filter (MERV 4)	1" coarse particulate pre-filter (MERV 4)
Stage 2 Pre-Filter:	2" pleated particulate pre-filter (MERV 6)	2" pleated filter to capture medium-sized particulates (MERV 6)	N/A	2" pleated particulate pre-filter (MERV 6)
Optional Stage 2 (not included with unit)	2" high-capacity VAPOR-LOCK® carbon filter for odor removal (MERV 7)	N/A	2" pleated prefilter (MERV 6) or 2" VAPOR-LOCK® carbon filter (MERV 7)	N/A
Optional Stage 3 (not included with unit)	N/A	2" high-capacity VAPOR-LOCK® carbon filter for odor removal (MERV 7)	N/A	2" VAPOR-LOCK® high-capacity carbon filter pack to remove odors or a second Stage 2 particulate pre-filter (MERV 7)
Final Stage HEPA Filter	True, non-electrostatic HEPA filter tested & certified to a minimum efficiency of 99.97% @ 0.3 microns	True, non-electrostatic HEPA filter tested & certified to a minimum efficiency of 99.97% @ 0.3 microns	True, non-electrostatic HEPA filter tested & certified to a minimum efficiency of 99.97% @ 0.3 microns	True, non-electrostatic HEPA filter tested & certified to a minimum efficiency of 99.97% @ 0.3 microns
Individual Pre-filter Mounting Shelves	No	Yes	Yes	Yes
WEIGHT and DIMENSIONS:				
Net Weight with Filters	46 lbs.	85 lbs.	138 lbs.	170 lbs.
Overall Dimensions	28"L x 16.25"W x 17.5"H	19.25"L x 22"W x 39"H	21.5"L x 24.5"W x 45.5"H	31.5"L x 25.25"W x 49.75"H
ELECTRICAL CONTROLS:				
Dual GFCI-Protected Receptacles	Yes, for daisy-chaining multiple units per 15 or 20 amp circuit	Yes, for daisy-chaining multiple units per 15 or 20 amp circuit	No	No
Green "Power On" Visual Indicator Lamp	Yes	Yes	Yes	Yes
Operating Hour Meter	No	Yes	Yes	Yes
Speed Control Switch	Variable	Variable	Two Speeds	Two Speeds
*Airflow ratings are based on third party testing conducted @ 120 VAC with clean filters in accordance with generally accepted testing methods using highly accurate electronic flow measurement equipment. Different testing methods may produce higher or lower results. Ratings have been rounded off to the nearest 50 cfm for convenience.				