

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

	PAS2400	PAS1600S	PAS1200	PAS600
AIRFLOW*:	700 cfm Low 2,100 cfm High	1,300 cfm Low 1,600 cfm High	150 - 900 cfm	200 - 600 cfm
PEAK AIR CHANGES PER HOUR (ACH):	6 ACH @ 21,000 ft ³	6 ACH @ 16,000 ft ³	6 ACH @ 9,000 ft ³	6 ACH @ 6,000 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:	12 amp draw or less	7 amp draw or less	3.5 amp draw or less @ 1,000 cfm. Multiple units daisy-chain on one 15 ampere circuit	2.5 amp draw or less @ 600 cfm. Multiple units daisy-chain on one 15 ampere circuit
BUILT-IN BREAKER:	15 amps	N/A	10 amps	12 amps
MOTORIZED IMPELLER:	1.5 hp motorized impeller w/thermal overload protection & auto reset & designed for 100,000 hours maintenance free operation	.9 hp blower w/thermal overload protection & auto reset	400 watt motorized impeller w/thermal overload protection & auto reset & designed for 100,000 hours maintenance free operation	255 watt motorized impeller w/thermal overload protection & auto reset & designed for 100,000 hours maintenance free operation
CABINERY:	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:	Built-in dolly with handle, 2 ea. 10" rear wheels with solid, non- marking rubber tires & 2 ea. 360° swivel casters in front	Two-wheel dolly consisting of 12" 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	2 top lift handles or optional caster cart; multiple units stack and nest on a 2 wheel dolly
SURFACE PROTECTION:	Non-marking wheels and casters	Non-marking wheels and casters	Non-marking wheels and casters	Attached rubber feet
Stage 1 Pre-Filter	1" coarse particulate pre-filter (MERV 4)	1" coarse particulate pre-filter (MERV 4)	Inexpensive, 1" filter for capturing large particulates; can be washed & reused, or treated as a disposable (MERV 4)	Inexpensive, high- capacity 1" FIBER- TRAPPER® 1.0 pre- filter for large particulates; can be washed & reused, or treated as a disposable (MERV 4)
Stage 2 Pre-Filter	2" pleated particulate pre-filter (MERV 6)	2" pleated prefilter (MERV 6)	2" pleated filter to capture medium-sized particulates (MERV 6)	2" pleated particulate pre-filter (MERV 6)
Optional Stage 2 (not included with unit)	N/A	2" high-capacity VAPOR-LOCK® carbon filter for odor removal (MERV 7)	N/A	2" high-capacity VAPOR-LOCK® carbon filter for odor removal (MERV 7)
Optional Stage 3 (not included with unit)	2" VAPOR-LOCK® high-capacity carbon filter pack to remove odors or a second Stage 2 particulate pre-filter (MERV 7)	N/A	2" high-capacity VAPOR-LOCK® carbon filter for odor removal (MERV 7)	N/A
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	Yes	Yes	Yes	No
Net Weight with Filters	170 lbs.	124 lbs.	85 lbs.	46 lbs.

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Overall Dimensions	31.5"L x 25.25"W x 49.75"H	24.75"L x 27.5"W x 38.625"H	19.25"L x 22"W x 39"H	28"L x 16.25"W x 17.5"H
Dual GFCI-Protected Receptacles	No	No	Yes, for daisy-chaining multiple units per 15 or 20 amp circuit	Yes, for daisy-chaining multiple units per 15 or 20 amp circuit
Green "Power On" Visual Indicator Lamp	Yes	No	Yes	Yes
Operating Hour Meter	Yes	Yes	Yes	No
Speed Control Switch	Two Speeds	Two Speeds	Variable	Variable