

Abatement Technologies PREDATOR® Portable Air Scrubbers: Performance & Specifications

	PRED600HC	PRED1200HC	PRED1200UVHC
AIRFLOW*:	200 – 600 cfm	300 – 900 cfm	300 – 900 cfm
AIR CHANGES PER HOUR (ACH):	6 ACH in 5,000 – 6,000 ft ³	6 ACH in 6,000 – 8,000 ft ³	6 ACH in 6,000 – 8,000 ft ³
ELECTRICAL REQUIREMENTS:	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	3.5 amp draw or less @ 1,000 cfm. Multiple units daisy-chain on one 15 ampere circuit
BUILT-IN CIRCUIT BREAKER:	12 amps	12 amps	12 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	400 watt motorized impeller w/thermal overload protection & auto reset & designed for 100,000 hours maintenance free operation
CABINERY:	UL94HB flame retardant resin with EPA-registered microbial & UV inhibitors	UL94HB flame retardant resin with EPA-registered microbial & UV inhibitors	UL94HB flame retardant resin with EPA-registered microbial & UV inhibitors
TRANSPORTABILITY:	Sturdy, built-in carrying handle; multiple units can be stacked & nested and transported with a 2-wheel dolly	Built-in dolly with handle, 2 ea. 8" rear wheels with solid, non-marking rubber tires & 2 ea. 360° swivel casters in front	Built-in dolly with handle, 2 ea. 8" rear wheels with solid, non-marking rubber tires & 2 ea. 360° swivel casters in front
RUBBER FEET:	Yes, 4 attached rubber feet to protect floors & secure unit during operation	N/A	N/A
FILTERS:			
Stage 1 Pre-Filter	1" coarse particulate pre-filter (MERV 4)	1" coarse particulate pre-filter (MERV 4)	1" coarse particulate pre-filter (MERV 4)
Stage 2 Pre-Filter	2" pleated particulate pre-filter (MERV 6)	2" pleated particulate pre-filter (MERV 6)	2" pleated particulate pre-filter (MERV 6)
Optional Stage 2 Carbon Filter (not included with unit)	Vapor-Lock® carbon filter (MERV 7) to remove odors & vapors	N/A	N/A
Optional Stage 3 Pre- Filter (not included with unit)	N/A	2" Vapor-Lock® high-capacity carbon filter pack (MERV 7) to remove odors or a second Stage 2 particulate pre-filter (MERV 4)	2" Vapor-Lock® high-capacity carbon filter pack (MERV 7) to remove odors or a second Stage 2 particulate pre-filter (MERV 4)
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
HIGH-OUTPUT UVGI LAMP:	N/A	N/A	Internally mounted, 39-watt germicidal lamp module with safety interlock protection
OPERATIONAL SOUND LEVEL:	62-68 dBA reading taken at 5 ft	62-67 dBA reading taken at 5 ft	62-67 dBA reading taken at 5 ft
WEIGHT and DIMENSIONS:			
Net Weight with Filters	34 lbs.	70 lbs.	70 lbs.
Shipping Weight	39 lbs.	95 lbs.	95 lbs.
Overall Dimensions	24"L x 18"W x 19.5"H	22"L x 24"W x 42"H	22"L x 24"W x 42"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	Yes, for daisy-chaining multiple units per 15 or 20 amp circuit
Green "Power On" Visual Indicator Lamp	Yes	Yes	Yes
Operating Hour Meter	No	Yes	Yes
Variable Speed Switch	Yes	Yes	Yes
*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.			