



Model Number: PRED1200UV

Abatement Technologies Predator 1200UV Portable Air Scrubber PRED1200UV

Manufacturer: Abatement Technologies

Advanced engineering features of the PRED1200UV Portable Air Scrubber that set it apart include:

- High-Output UVGI Lamp - An internally mounted UVGI germicidal lamp to kill bacteria and eliminate odors
- Safety Interlock Protection - Lamps turn off automatically when filter door is opened
- Virtually Indestructible Cabinet - High-density, Tefgard® polyethylene cabinet is strong, tough and easy to clean
- Powerful Airflow - Variable speed airflow rated up to 900 cfm. Provides 6 ACH @ 6,000-8,000 ft<sup>3</sup>;
- Resin Protectant - Microbial growth and UV inhibitors infused into the cabinet resin protect cabinet integrity and protect against cabinet deterioration
- Flexible Operation - Can operate in the upright or horizontal position as space allows
- User-Friendly Controls - A complete array of convenient controls enables users to continuously monitor the operating status of the PRED1200UV
- Simple Filter Access - Convenient hinged rear pre-filter access door provides quick access to filters
- Superior Mobility - Built-in dolly with solid handle rolls easily on the job with one worker on "diameter smooth, non-marking rear wheels
- Safety First - NRTL-certified to comply with UL Std. 507 & CAN/CSA Std. #C22.2 No. 113-M1984 for electrical safety. Meets UL94HB flammability requirements for polymer cabinets housing energized electrical components

PRED1200UV Portable Air Scrubber

- Airflow\* - 300-900 cfm
- Air Changes Per Hour - 6 ACH @ 6,000-8,000 ft<sup>3</sup>;
- Net Weight with Filters - 70 pounds
- Shipping Weight - 95 pounds
- Dimensions (L x W x H) - 22" x 24" x 42"
- UVGI Lamp - 39 watts total output
- Power Supply Requirements - 120 volts AC, 60Hz, 15 amps
- Normal Operating Amps - 3.5 amps or less (Daisy-chain multiple units on one 15 amp circuit)
- Motorized Impeller - Motorized impeller rated for 100,000 hours with thermal overload protection, auto reset, 60Hz, single-phase
- Circuit Breaker - 12 amps
- Safety First - NRTL-certified to comply with UL Std. 507 & CAN/CSA Std. #C22.2 No. 113-M1984 for electrical safety

- Cabinet Material - UL94HB flame retardant resin with EPA-Registered microbial inhibitor
- Built-in Dolly - Two-wheel dolly consisting of 8" solid, non-marking rubber rear wheels, 360° swivel front casters and a secure top handle for gripping
- Pre-Filter Access - Hinged door secured by rotating latches. Full perimeter gasket seals to protect against bypass of dirty air
- Filters:

- Stage 1 pre-filter - 1" coarse particulate pre-filter (MERV 4)
- Stage 2 pre-filter - UV-resistant 2" pleated particulate pre-filter (MERV 8)
- Stage 3 pre-filter - An internally mounted, 39-watt UVGI lamp located below the pre-filters in a single module
- Final stage HEPA filter - Long-life true HEPA tested and certified to an efficiency of 99.97% or higher for 0.3 micron particles; does not rely on an electrostatic charge to maintain 99.97% HEPA efficiency

\*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.

## PREDATOR Portable Air Scrubbers: Performance & Specifications

PRED1200UV

PRED1200

PRED750

AIRFLOW\*:

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

300 - 900 cfm

300 - 900 cfm

200 - 750 cfm

AIR CHANGES PER HOUR (ACH):

6 ACH in 6,000 - 8,000 ft3

6 ACH in 6,000 - 8,000 ft3

6 ACH in 6,000 - 7,500 ft3

ELECTRICAL REQUIREMENTS:

120 volt/15 ampere/60 Hz

120 volt/15 ampere/60 Hz

120 volt/15 ampere/60 Hz

NORMAL OPERATING AMPS:

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

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

1.9 amp draw or less @ 750 cfm. Multiple units daisy-chain on one 15 ampere circuit

BUILT-IN CIRCUIT BREAKER:

12 amps

12 amps

12 amps

MOTORIZED IMPELLER:

400 watt motorized impeller w/thermal overload protection & reset & designed for 100,000 hours maintenance free operation

400 watt motorized impeller w/thermal overload protection & reset & designed for 100,000 hours maintenance free operation

258 watt motorized impeller w/thermal overload protection & reset & designed for 100,000 hours maintenance free operation

CABINETY:

UL94HB flame retardant resin with EPA-registered microbial & UV inhibitors

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Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

UV UL94HB flame retardant resin with EPA-registered microbial & inhibitors

TRANSPORTABILITY:

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

Heavy-duty, built-in carrying handle; multiple units can be stacked & nested and transported with a 2-wheel dolly

RUBBER FEET:

n/a

n/a

Yes, 4 attached rubber feet to protect floors & secure unit during operation

FILTERS:

Stage 1 Pre-Filter

1" coarse particulate pre-filter (MERV 4)

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

1" coarse particulate pre-filter (MERV 4)

1" coarse particulate pre-filter (MERV 4)

Stage 2 Pre-Filter

2" pleated particulate pre-filter (MERV 8)

2" pleated particulate pre-filter (MERV 8)

2" pleated particulate pre-filter (MERV 8)

Optional Stage 2 Carbon Filter

n/a

n/a

VAPOR-LOCK<sup>®</sup> carbon filter (MERV 7) to remove odors & vapors

Optional Stage 3 Pre- Filter

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<sup>®</sup> high-capacity carbon filter pack

(MERV 7) to remove odors or a second Stage 2 particulate pre-filter  
(MERV 4)

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

HIGH-OUTPUT

UVGI LAMP:

Internally mounted, 39-watt germicidal lamp module with safety  
interlock protection

n/a

n/a

OPERATIONAL

SOUND LEVEL:

62 - 67 dBA reading taken at  
5 feet

62 - 67 dBA reading taken at  
5 feet

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

65 dBA                      reading taken at 5 feet

WEIGHT                      and DIMENSIONS:

Net                      Weight with Filters

70                      lbs.

70                      lbs.

35                      lbs.

Shipping                      Weight

95                      lbs.

95                      lbs.

43                      lbs.

Overall                      Dimensions

22&rdquo;L                      x 24&rdquo;W x 42&rdquo;H

22&rdquo;L                      x 24&rdquo;W x 42&rdquo;H

25.5&rdquo;L x 19.5&rdquo;W                      x 20.5&rdquo;H



Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

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	&ldquo;Power On&rdquo; Visual Indicator Lamp
Yes	
Yes	
Yes	
Operating	Hour Meter
Yes	
Yes	
No	

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

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.

Sales tax is collected for GA and TX unless you have a resale certificate on file that  
you are going to rent out this equipment.

06/20/2016 -BW

Availability: This product was added to our catalog on Monday 20 June, 2016