

Abatement Technologies HEPA-CARE[®] Ceiling-Mounted Air Filtration Systems: Performance & Specifications

	HC800C	UV400C-PT	UV400C
AIRFLOW*:	250cfm – 750cfm	N/A	N/A
AIR CHANGES PER HOUR (ACH):	12 ACH in 3,000 – 3,500 ft ³	N/A	N/A
ELECTRICAL REQUIREMENTS:	120 volt/15 ampere/60 Hz single phase	120 volt/15 ampere/60 Hz single phase	120 volt/15 ampere/60 Hz single phase
NORMAL OPERATING AMPS:	3.5 amps or less	2.5 amps or less	2.5 amps or less
MOTORIZED IMPELLER:	2 each motorized impellers with thermal overload protection, auto reset and designed for 100,000 hours of maintenance free operation.	N/A	N/A
CABINETRY:	.050" aluminum, powder coated white	.050" aluminum, powder coated white	.050" aluminum, powder coated white
CABINET SEAMS:	Assembled with solid rivets and sealed.	Assembled with solid rivets and sealed.	Assembled with solid rivets and sealed.
CONTROL PANEL:	Menu driven touch pad style, with LED lamps and liquid crystal display (LCD) screen, password protected.	N/A	N/A
SOUND Baffle/PRE-FILTER SHIELD:	Yes	N/A	N/A
CIRCUIT BREAKER:	5 amp	5 amp	5 amp
POWER INDICATOR LED:	Yes	Yes	Yes
FILTER LOADING INDICATOR LED:	Yes	N/A	N/A
MOTOR SPEED / POWER SWITCH:	5 motor speed settings	Illuminated power switch	Illuminated power switch
CONNECTION TO POWER SUPPLY:	Unit is designed for hard-wiring to a wall-mounted control panel box and building electrical system.	Unit is designed for hard-wiring to the building electrical system or a standard wall-mounted ON/OFF switch.	Unit is designed for hard-wiring to the building electrical system or a standard wall-mounted ON/OFF switch.
EXHAUST OUTLETS:	Corner / side panels of unit, above the ceiling	Side panels of unit, above the ceiling	Side panels of unit, above the ceiling
INCLUDED ACCESSORIES:	One solid exhaust cover plate.	One solid exhaust cover plate.	One solid exhaust cover plate.
FILTERS:			
Stage 1 Pre-Filter	2" pleated pre-filter treated with an EPA registered anti-microbial agent (MERV 8). P/N HC1802AM	N/A	N/A
HEPA filter	Individually tested and certified to a minimum efficiency of 99.99%, anodized aluminum frame and gel seal. P/N HC1836-99G.	N/A	N/A
HIGH-OUTPUT UVGI LAMP:	No	Four high-output, 39-watt UVGI lamps (156 watts total).	Four high-output 39-watt UVGI lamps (156 watts total).
OPERATIONAL SOUND LEVEL:	53-59 dBA reading taken at 5 ft	N/A	N/A
WEIGHT and DIMENSIONS:			
Net Weight with Filters	71 lbs.	25 lbs.	25 lbs.
Overall Dimensions	23.5"W x 16"D x 47"H	16.25"W x 19.75"D x 35"H	23.069"W x 15.678"D x 22.875"H
*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.			