HEPA-CARE® CEILING-MOUNTED FILTRATION SYSTEMS

Abatement Technologies ceiling-mounted HEPA filtration systems for health care facilities are the perfect choice for adding fixed location isolation rooms. They offer a less costly and easier to implement alternative to design-and-build isolation rooms. These tamper-resistant units feature individually tested and certified HEPA filters, certification as Class II Medical Devices under FDA 510C, and ETL/ETLc certification to UL and CSA electrical and UV safety standards.

HC800C MODEL

The full-feature HC800C mounts into a 2-ft. by 4-ft. ceiling panel. With peak airflow of 600 to 750 cfm, depending on configuration, it can typically provide 12+ ACH in rooms as large as 2,400 to 3,000 cubic feet in the negative-pressure mode.

- Variable-speed airflow
- Low-profile, in-wall control box, with hex-locked polycarbonate cover
- Full-feature controls: variable speed switch, green Power On indicator lamp, amber Change Filter indicator lamp, GFCI and pop-out circuit breaker

HC400C MODEL

The smaller HC400C model mounts into a 2-ft. by 2-ft. drop ceiling grid. With peak airflow of 325 to 375 cfm, depending on the installation, this single-speed unit can typically provide 12 ACH in rooms as large as 1,500 to 1,800 cubic feet. It comes with more basic controls in a separate wall-mounted enclosure.

- Peak airflow of 325 to 375 cfm
- Room-side replaceable filters
- Control Box: On/Off selector switch, green Power On lamp and amber Change Filter indicator lamp
- Redundant Power On and Change Filter Lamps on the unit

UV400C-PT MODEL

The ceiling-mounted UV400C-PT module can be used with the HC400C or HC800C HEPA-CARE unit for supplemental UVGI protection. Uses include: irradiating exhaust air from infectious isolation rooms or other areas with potentially infectious patients, such as ER or waiting rooms; irradiating HVAC supply air to protective environments; and continuous air cleaning in high-risk areas.

- Mounts into a 2-ft. by 2-ft. drop ceiling, typically near the HEPA unit
- Four high-output, 39-watt UVGI lamps (156 watts total)
- Internal air baffle, to maximize UV exposure
- Hinged access door with hex lock and safety interlock, for room-side replacement.

ABATEMENT TECHNOLOGIES®

Technologically Advanced **Air Purification Products**

SPECIFICATONS

FEATURE	HC800C	HC400C	UV400C-PT
Net weight with filters:	71 lbs.	42 lbs.	25 lbs.
Shipping weight:	86 lbs.	54.5 lbs.	33 lbs.
Dimensions: (Width x Depth x Height)	23.5"W x 16"D x 47"H.	23.5"W x 16"D x 23.5"H.	23.069"W x 15.678"D x 22.875"H.
Rated Airflow:	150 - 750 cfm.	375 cfm.	N/A.
Power supply requirements:	120 volts AC, 60 Hz, 15 amp circuit. Unit draws 3.0 amps.	120 volts AC, 60 Hz, 15 amp circuit. Unit draws 1.5 amps.	120 volts AC, 60 Hz, 15 amp circuit. Unit draws 1.5 amps.
Motorized impeller:	2 each 125 watts, variable speed with thermal overload protection, automatic reset, 60 Hz, single phase.	1 each, 125 watts, with thermal overload protection, automatic reset, 60 Hz., single phase.	N/A.
Automatic restart - unit will automatically restart itself after temporary power interruption:	Yes.	Yes.	N/A.
Cabinet material:	.050" powder coated aluminum.	.050" powder coated aluminum.	.050" powder coated aluminum.
Cabinet seams:	Assembled with solid rivets and sealed.	Assembled with solid rivets and sealed.	Assembled with solid rivets and sealed.
Noise level:	53 - 59 dBA.	59 dBA.	N/A.
Control panel:	Remote enclosure with controls protected by a hinged polycarbonate cover that can be locked with a 1/4" hex key.	Remote enclosure with controls protected by a hinged polycarbonate cover that can be locked with a 1/4" hex key.	Illuminated Power Switch mounted on front of unit.
Sound baffle/Prefilter shield:	Yes.	Yes.	N/A.
Circuit breaker:	5 amp.	5 amp.	5 amp.
Built-in Ground Fault Circuit Interrupter (GFCI):	Yes (on control panel).	No.	No.
Power indicator:	Yes.	Yes.	Yes.
Filter loading indicator:	Yes.	Yes.	N/A.
Speed control/power switch:	Variable speed.	One speed.	Illuminated power switch.
Connection to power supply:	Unit is designed to be hard-wired to a wall-mounted control panel box and building electrical system.	Unit is designed to be hard-wired to a wall-mounted control panel box and building electrical system.	Unit designed to be hard-wired to building electrical system or a standard wall-mounted ON/OFF switch.
Pre-filter:	ASHRAE MERV 7 rated filter treated with an EPA registered anti-microbial agent-P/N HC1802AM.	ASHRAE MERV 7 rated pleated filter treated with EPA registered antimicrobial agent - P/N HC1802AM.	N/A.
HEPA filter and HEPA filter/UV lamp assembly:	Individually tested and certified to a minimum efficiency of 99.99% against a 0.3 micron challenge aerosol; anodized aluminum frame; gel seal - P/N HC1836-99G.	Individually tested and certified to a minimum efficiency of 99.99% against a 0.3 micron challenge aerosol; anodized aluminum frame; gel seal - P/N HC1818-99.	N/A.
Germicidal UV:	No	No.	Four high-output, 39-watt UVGI lamps (156 watts total).
Location of exhaust outlet:	Corner / side panels of unit, above the ceiling.	Corner / side panels of unit, above the ceiling.	Side panels of unit, above the ceiling.

Note: Specifications subject to change without notice.

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