

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 CEILING-MOUNTED MODEL

The 2-module HC800C model provides a far less costly, less disruptive and easier to implement alternative to 'design and build' patient isolation rooms. It is also ideal for rooms with inadequate floor space for a portable unit. The filtration module suspends into a 2 ft. x 4 ft. drop ceiling grid. The separate control module can be wall mounted near the room or remotely. The HC800C is typically capable of maintaining 12+ ACH in rooms as large as 3,000 to 3,500 ft³.

- Five airflow settings, with peak output of 600cfm - 750cfm
- Anti-microbial treated pre-filter
- Pharmaceutical-grade HEPA with silicone-gel seal
- Microprocessor based controls with password protection
- Hinged, drop-down access door with hex lock for in-room filter changes
- Change pre-filter LED
- Change HEPA LED
- Menu-driven controls with large LCD
- Hard wired installation



UV400C-PT & UV400C MODELS

The UV400C-PT ceiling-mounted module typically in combination with an HC800C is used to irradiate exhaust air from areas with potentially infectious patients, such as isolation rooms or ER, or to treat the supply air for protective environments (PE).

The UV400C is designed as a stand-alone device. It is used in place of HVAC return or supply air grills to reduce transmission of infectious airborne pathogens.

- Mount into a 2 ft. x 2 ft. drop ceiling grid
- Four high-output, 39W UVGI lamps (156W total)
- Safety interlock shields protect against UV exposure
- Dual exhaust outlets above ceiling
- Drop-down access door for in-room UV lamp replacement



SPECIFICATIONS

FEATURE	HC800C	UV400C-PT & UV400C
Net weight with filters:	71 lbs.	25 lbs.
Shipping weight:	86 lbs.	33 lbs.
Dimensions: (Width x Depth x Height)	23.5"W x 16"D x 47"H.	23.069"W x 15.678"D x 22.875"H.
Rated Airflow:	200 - 750 cfm.	N/A.
Power supply requirements:	120 volts AC, 60 Hz, 15 amp circuit. Unit draws 3.5 amps.	120 volts AC, 60 Hz, 15 amp circuit. Unit draws 2.5 amps.
Motorized impeller:	2 each 134 watts, variable speed with thermal overload protection, automatic reset, 60 Hz, single phase.	N/A.
Automatic restart - unit will automatically restart itself after temporary power interruption:	Yes.	N/A.
Cabinet material:	.050" powder coated aluminum.	.050" powder coated aluminum.
Cabinet seams:	Assembled with solid rivets and sealed.	Assembled with solid rivets and sealed.
Noise level:	53 - 59 dBA.	N/A.
Control panel:	Touchpad style with LED lights and liquid crystal display (LCD) screen.	Illuminated Power Switch mounted on front of unit.
Sound baffle/Prefilter shield:	Yes.	N/A.
Circuit breaker:	5 amp.	5 amp.
Power indicator:	Yes.	Yes.
Filter loading indicator:	Yes.	N/A.
Speed control/power switch:	5 motor/blower speed settings.	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 designed for hard-wiring to the building electrical system or a standard wall-mounted ON/OFF switch.
Pre-filter:	ASHRAE MERV 8 rated filter treated with an EPA registered antimicrobial agent-P/N HC1802AM.	N/A.
HEPA filter and HEPA filter/UV lamp assembly:	Individually tested and certified 99.99% minimum efficiency against a 0.3 micron challenge aerosol; anodized aluminum frame; gel seal. P/N HC1836-99G.	N/A.
Germicidal UV:	No	Four high-output, 39-watt UVGI lamps (156 watts total).
Location of exhaust outlet:	Corner / side panels of unit, above the ceiling.	Side panels of unit, above the ceiling.
Accessories included with unit:	One solid exhaust cover plate.	One solid exhaust cover plate.

Note: Specifications subject to change without notice.