

# PORTABLE HEPA-CARE® SYSTEMS FOR PATIENT ISOLATION

Abatement Technologies offers three portable, in-room HEPA filtration systems for health care facilities. All three models feature state-of-the-art touch pad controls, 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.

## HC800F MODEL

This powerful and feature-rich model has a peak airflow rating of 900cfm. It can provide 12 or more air changes per hour (ACH) in rooms as large as 3,500 to 4,000 cubic feet, depending on the negative-pressure configuration selected. It features two high-performance motorized impellers, two exhaust-air outlets, and a pharmaceutical grade, gel-seal HEPA filter.

- Five airflow settings, from 300 cfm to 900 cfm
- Weigh only 81 lbs, including filters
- Quiet (52 dBA to 59 dBA @ 5')
- 2" particulate pre-filter, treated with an EPA-registered microbial growth inhibitor
- HEPA filters tested & certified to 99.99% or higher efficiency at 0.3-microns
- Menu-driven touch pad controls with password protection
- Four, built-in smooth-rolling swivel casters with two front foot brakes
- White power cord with hospital-grade plug
- ETL tested & certified to UL & CSA electrical & UV safety standards



## HC600F & HC600FUV MODELS

The smaller HC600 series HEPA-CARE models have peak airflow ratings of 650cfm, and are equipped with a cylindrical, 99.99%-efficient, gasket-seal HEPA filter. Depending on configuration, these economical units can generally provide 12 or more ACH in rooms as large as 2,500 to 3,000 cubic feet when used in the negative-pressure mode. The HC600FUV model has a high-output, germicidal UV lamp built into the HEPA filter.

- Five speed settings, from 150 cfm to 675 cfm
- Quiet (52 dBA to 58 dBA @ 5')
- Weigh just 63 lbs, including filters
- HEPA filters are tested & certified to 99.99% or higher efficiency at 0.3-microns
- Same pre-filters, controls and casters as the 800-series models
- 39-watt UV lamp in the HC600FUV model
- Dual exhaust outlets (top and rear)
- White power cord with hospital-grade plug



# SPECIFICATIONS

FEATURE	HC800F	HC600F and HC600FUV
Net weight with filters:	81 lbs.	63 lbs.
Shipping weight:	100 lbs.	70 lbs.
Dimensions: (Width x Depth x Height)	20.5"W x 20"D x 50.5"H.	18"W x 19.75"D x 42.5"H.
Rated Airflow:	300 - 900 cfm.	150 - 675 cfm.
Power supply requirements:	120 volts AC, 60 Hz, 15 amp circuit.	120 VAC, 60 Hz, 15A circuit.
Maximum current draw:	3.0 amps.	HC600F: 1.5 A; HC600FUV: 2.0A.
Motorized impeller:	2 each 134 watts, variable speed with thermal overload protection, automatic reset, 60 Hz, single phase.	Both units have 1 each 225 watt impeller with variable speed, thermal overload protection, automatic reset, 60 hz single phase.
Automatic restart - unit will automatically restart itself after temporary power interruption:	Yes.	Yes.
Cabinet material:	.050" powder coated aluminum.	Same.
Cabinet seams:	Assembled with solid rivets and sealed.	Same.
Control panel:	Touch pad style, with LED lights and liquid crystal display (LCD) screen.	Same style.
Sound baffle/Prefilter shield:	Yes.	Yes.
Circuit breaker:	10 amp.	No.
Built-in Ground Fault Circuit Interrupter (GFCI):	Yes; dual receptacles for powering UV800F UV Module.	No.
Power indicator:	Yes.	Yes.
Filter loading indicator:	LED lights and LCD screen.	Same.
Motorized Impeller Speed Settings:	5 touch pad speed settings.	5 touch pad speed settings.
Power cord:	18/3 AWG white cord with hospital grade plug.	18/3 AWG white cord with hospital grade plug.
Pre-filter:	ASHRAE MERV 8 rated pleated filter. Treated with an EPA registered antimicrobial agent-P/N HC1802AM.	ASHRAE MERV 8 rated pleated filter. Treated with an EPA registered antimicrobial agent - P/N HC1802AM.
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.	Cylindrical, 99.99% efficient against 0.3 micron size particles. HC600F HEPA is P/N HC161612C. HC600FUV HEPA is P/N HC161612C-UV (includes UV lamp).
Germicidal UV:	N/A	39-watt germicidal UV lamp built into the HEPA filter assembly (HC600FUV only).
Location of exhaust outlet:	Top and/or back panel. Optional exhaust collar available.	Top and/or back panel.
Accessories included with unit:	One solid exhaust cover plate.	Same.

Note: Specifications subject to change without notice.



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