

HEPA-CARE[®] AIR PURIFICATION SYSTEMS

MODELS: HC400FTS & HC400FUVTS

Abatement Technologies offers portable in-room HEPA filtration systems for health care facilities. Both models feature state-of-the-art touch screen controls, individually tested and certified HEPA filters and certification as Class II Medical Devices under FDA 510K.

These powerful and feature-rich models can be configured for negative pressure or recirculation air purification.

Features Include:

- U.S. FDA Class II Medical Device
- HEPA / ULPA Filters Individually Tested & Certified to IEST-RP-CC007 and up to 99.999% removal at 0.3 microns
- HC400FUVTS Model has an Integrated UV Bulb for Germicidal Irradiation (UVC)
- Quiet Operation Reduces Auditory Impact on Patients and Staff while in patient rooms
- Password Protected LCD Touch Screen Controls and On-screen Filter Change Indicator
- Attractive Powder-Coated Aluminum Cabinets with “Zero Bypass” Design
- CDC-Recommended Metal HEPA Filters
- Designed for Continuous Operation on 220V-240V, 60 Hz Circuits
- Easily Moved from Room to Room on Swivel Casters
- Compact and Lightweight at only 28 kg
- Peak Airflow of 750 m³/hr can provide 12 ACH (air changes per hour) in designated areas
- Adjustable 4-speed fan from 200 m³/hr (125 cfm) to 750 m³/hr (450 cfm)



 **ABATEMENT**
TECHNOLOGIES[®]
World Class Indoor Air Quality Products

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HC400FTS & HC400FUVTS SPECIFICATIONS

FEATURE	SPECIFICATION
Net weight with filters	28kg [62 lbs]
Shipping weight	31.8kg [70 lbs]
Unit's dimensions	W 41.3cm x D 55.2cm x H 96cm [W 16.25" x D 21.75" x H 37.75"].
Shipping carton dimensions	W 50.8cm x D 61.0cm x H 101.6cm [W 20" x D 24" x H 40"]
Power supply requirements:	220-240VAC, 50/60Hz, 10 amp circuit
Max current draw	0.9 amps
Cabinet material	1.3mm (0.050") thick powder coated white aluminum
Cabinet seams	Assembled with solid rivets and sealed.
Control panel	LCD touch screen controls.
Circuit breaker	5 amp integrated circuit breaker.
Filter loading indicator	Yes.
Air flow ratings**	4 speed settings produce an airflow range of 200m ³ /h - 750 m ³ /h [125 CFM - 450 CFM]
Power cord	3 meter (10 ft) long, 14/3 AWG SJT hardwired power cord. Comes without plug head (pigtailed end) unless otherwise specified at time of order.
Sound level	37 dBA - 53 dBA measured from 1.5 meters (5 ft) away with baffle attachment (included)
Pre-filter	Standard pre-filter: 5cm (2") deep pleated MERV8 pre-filter(P/N H502). Alternate pre-filter: 5cm (2") deep VAPOR-LOCK® pleated carbon filter (P/N VL1002).
HEPA filter	Standard HEPA filter: cylindrical 99.97% efficient against 0.3µm particles at max airflow. (P/N H610C-99) Alternate ULPA filter: cylindrical 99.999% efficient against 0.3µm particles at max airflow. (P/N H610C-99U) HC400FUVTS only - Standard HEPA filter, as specified above, but with UV lamp integrated into the filter (P/N HC610C-99UV).
Exhaust outlet	One exhaust located on top of unit. Dimensions 30.5cm x 20.3cm (12"x8"). Optional 20.3cm nominal diameter (8") exhaust collar available for connecting round ducting (P/N H2235-08)

*Note: Airflow rating estimates are based on factory and independent testing at 240VAC, 60Hz with an air straightener and a traverse of readings taken with a computing vane-anemometer. Actual results may vary for various reasons, including motor and blower and HEPA filter tolerances. Factors such as filter loading, reduced voltage to the motor, and inlet and outlet ducting will reduce airflow. Use the ratings as a general guideline only.