

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

	HC600FUV	HC600F	HC800F
AIRFLOW*:	150 – 675 cfm	150 – 675 cfm	300 – 900 cfm
AIR CHANGES PER HOUR (ACH):	12 ACH in 2,500 – 3,000 ft ³	12 ACH in 2,500 – 3,000 ft ³	12 ACH in 3,500 – 4,000 ft ³
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:	2.0 amps or less	1.5 amps or less	3.5 amps or less
MOTORIZED IMPELLER:	1 each motorized impeller with thermal overload protection, auto reset and designed for 100,000 hours of maintenance free operation.	1 each motorized impeller with thermal overload protection, auto reset and designed for 100,000 hours of maintenance free operation.	2 each motorized impellers with thermal overload protection, auto reset and designed for 100,000 hours of maintenance free operation.
CABINERY:	.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.	Menu driven touch pad style, with LED lamps and liquid crystal display (LCD) screen, password protected.	Menu driven touch pad style, with LED lamps and liquid crystal display (LCD) screen, password protected.
SOUND Baffle/PRE-FILTER SHIELD:	Yes Yes		Yes
CIRCUIT BREAKER:	No No		10 amp
BUILT IN GROUND FAULT CIRCUIT INTERRUPTER (GFCI):	Yes Yes		Yes
POWER INDICATOR LED:	Yes Yes		Yes
FILTER LOADING INDICATOR LED:	Yes Yes		Yes
MOTOR SPEED / AIRFLOW SETTINGS:	5 motor speed settings	5 motor speed settings	5 motor speed settings
POWER CORD:	14/3 AWG cord with hospital grade plug	14/3 AWG cord with hospital grade plug	14/3 AWG cord with hospital grade plug
EXHAUST OUTLETS:	Top and/or back panel. Optional adapter available for rear exhaust	Top and/or back panel. Optional adapter available for rear exhaust.	Top and back 12" x 8" grill with cover plate and solid grill cover plate. Optional exhaust collar available.
FILTERS:			
Stage 1 Pre-Filter	2" pleated pre-filter treated with an EPA registered anti-microbial agent (MERV 8). P/N HC1802AM	2" pleated pre-filter treated with an EPA registered anti-microbial agent (MERV 8). P/N HC1802AM	2" pleated pre-filter treated with an EPA registered anti-microbial agent (MERV 8). P/N HC1802AM
HEPA filter and HEPA filter/UV lamp assembly	Individually tested and certified to a minimum efficiency of 99.99%, galvanized steel frame and gasket seal. P/N HC1612C-UV	Individually tested and certified to a minimum efficiency of 99.99%, galvanized steel frame and gasket seal. P/N HC1612C	Individually tested and certified to a minimum efficiency of 99.99%, anodized aluminum frame and gel seal. P/N HC1836-99G
HIGH-OUTPUT UVGI LAMP:	39-watt germicidal lamp internally mounted within the HEPA filter assembly.	N/A N/A	
OPERATIONAL SOUND LEVEL:	52-58 dBA reading taken at 5 ft	52-58 dBA reading taken at 5 ft	47-59 dBA reading taken at 5 ft
WEIGHT and DIMENSIONS:			
Net Weight with Filters	63 lbs.	63 lbs.	81 lbs.
Overall Dimensions	18"W x 19.75"D x 42.5"H	18"W x 19.75"D x 42.5"H	20.875"W x 20.5"D x 51"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.			