



HEPA-CARE[®] Portable Patient Isolation Filtration System

HC500FDUV

This exceptionally mobile and versatile unit has all of the same features as the HC500FD but also includes two ultraviolet germicidal irradiation UVGI (hereinafter referred to as UV) lamps that emit germicidal ultraviolet light to inhibit the growth of bacteria and viruses. The UV lamps irradiate the filtered air before it is exhausted to an external environment or recirculated within the facility.

HC500FDUV

FEATURES & BENEFITS

- Clean and Sterilize the Air with Germicidal UV Disinfection
- Safety interlock switch protects against UV exposure
- Quiet operation reduces auditory impact on patients and staff while in patient rooms
- Peak rated airflow up to 475 CFM*
- On screen indicators for prefilter & HEPA filter replacement
- Compact design with easy-rolling swivel-casters with foot brakes
- Pharmaceutical-grade HEPA with a continuous silicone-gel seal
- Optional VAPOR-LOCK[®] carbon prefilter for gas/odor removal
- Energy efficient EC motorized impeller



TECHNICAL SPECIFICATIONS

DESCRIPTION	UNIT	HC500FD
Net Weight w/ Filters	lbs (kg)	56 (25.4)
Dimensions (L x W x H)	in (cm)	21.125 x 20.375 x 31.5 (53.7 x 51.75 x 80.01)
Electrical Rating	V, Hz, A	120 VAC, 60 Hz, 15 A
Airflow*, Max. w/ Clean Filters	CFM	150 - 475
UV Lamp Output	μ/cm ²	102 @ 1m
Output UVC	W	10.2
Bulb Life	Years	1
Maximum Operating Amps	A	6 or less
Motorized Impeller	-	1 EC Motorized Impeller
Motorized Impeller Speed Setting	-	5 touch screen speed settings
Circuit Breaker	A	5
Power Cord	-	10' 14/3 AWG S&T cord, 15 A / 120 V AC hospital grade plug
Sound Level @ 5 Feet	dB(A)	38 - 59
Lamp Replacement Pack	-	Two (2) of #UV425
HEPA Filter Efficiency	-	99.995% @ 0.3 microns, gel seal
Cabinet Material	-	Powder coated aluminum, riveted & sealed
First Stage Prefilter	1 ea	HC1802AM, 2" ASHRAE MERV 8 pleated
Optional VAPOR-LOCK [®] Prefilter	1 ea	HC1802CF
HEPA Filter	1 ea	HC1818-H14

Specifications and details are subject to change without prior notice.

NEW DESIGN

with
USER-FRIENDLY
DIGITAL TOUCH
DISPLAY



*Note: Airflow ratings estimates are based on factory and independent testing @ 120 VAC 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 these ratings as a general guideline only.

CONTACT US FOR MORE INFORMATION



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THE HC500FD IS BEST SUITED FOR:



PATIENT ISOLATION