



40MAP0050-10SU MediClean - Medical Grade Air Purifier



Right now, The world is more focused than ever on ways to slow and prevent the spread of pathogen

With more than a century of expertise in indoor environments, Carrier has developed a solution to help do just that.

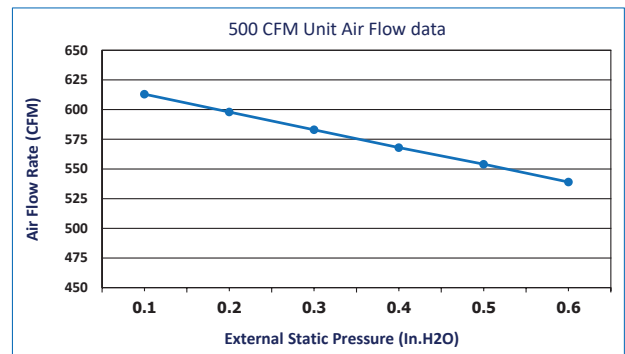
Feature

- 99.999% efficient, long-life HEPA(H14) filter removes particles as small as 0.3 microns
- Meet ISO 14644-3 Cleanrooms and associated controlled environments
- HEPA filter rack and sealing design meet air leakage standard
- Standard MERV 7 or higher pre-filter
- Heavy-duty, lockable casters for easy transport
- Vertical design for smaller footprint compared to many competitors
- Red filter indicator light alerts user when it's time to replace a filter
- Green on/off switch illuminates when the unit is on and operating
- Exhaust transition to standard 10-inch round duct included
- Galvanized steel, pre-painted cabinet is fully insulated
- 253.7 nm. UV-C Lamp, no OZONE
- One-year warranty
- Portable and adaptable to any location

Product Specification

| Description | MediClean Air Purifier |
|-------------------------|-----------------------------------|
| Power Supply | 220 - 240V. / 1Ph. / 50Hz. |
| Motor type | EC Motor |
| Power input | 170 Watt |
| Current | 1.45 Amp. |
| Blower type / Dia. | Direct drive / 250mm. |
| Air flow rate (Nominal) | 500 CFM |
| Fan revolution speed | Maximum 2,480 RPM |
| Air discharge | Vertical |
| Filters | Pre-filter (G4) 20" x 20" x 2" |
| | HEPA filter (H14) 20" x 20" x 12" |
| UVC Lamp | UVC 15.0 Watt (T8) |

External Static Pressure



Air flow based upon clean pre-filter at 220V. with factory-approved HEPA filter. measured with 10.0 feet flex duct installed.

HEPA-GRADE FILTRATION

REMOVES PARTICLES AS SMALL AS
0.3
MICRONS

99.999%
H14

MORE THAN
40,000
HOURS OF OPERATION

PORTABLE

STANDARD 220V POWER

NO INSTALLATION REQUIRED



ADDITIONAL PRODUCT DETAILS

Pre-Installed Filters

The Carrier negative air machine ships with two filters pre-installed for your convenience: a minimum MERV 7 pre-filter and a HEPA filter

- The minimum MERV 7 pre-filter recommended replacement is 60-90 days
- The long-life HEPA filter provides approximately 40,000 hours of operation, or four years, under normal operation and maintenance*

* Applies to negative air machine applications only.
Filter life in air scrubber applications would be reduced.

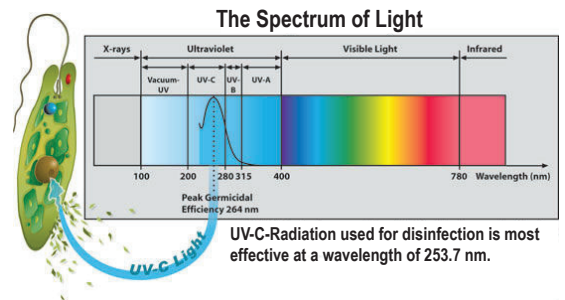


UV Lamps

In response to the current corona virus pandemic, this machine is fitted with Ultra Violet Light (UVC)

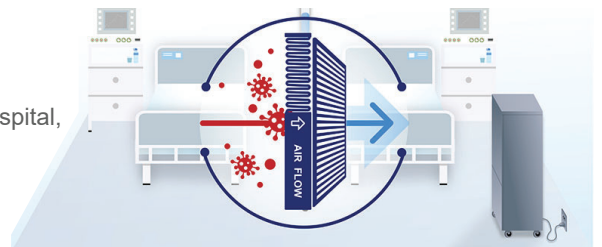
UVC light is a proven solution to kill pathogen by damaging their DNA thus eliminating their ability to reproduce. Various studies have shown that UVC light at the wave length between 200 to 400 (nm) can greatly reduce the level of airborne virus in indoor environment.

The machine is equipped with interlocking mechanism to protect human eyes or skin from coming into contact with the harmful UVC.

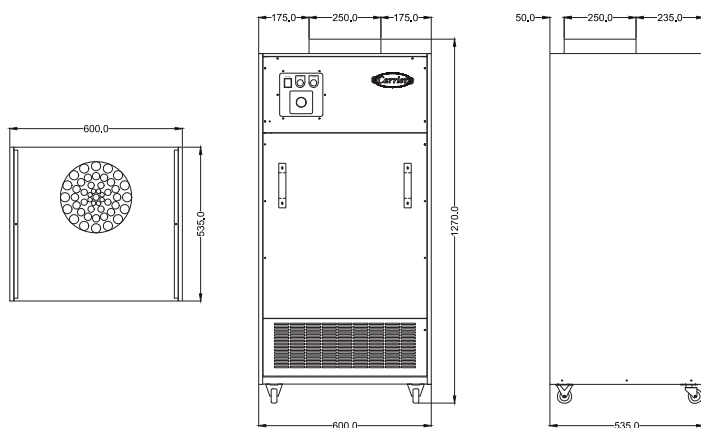


OPEN-AIR FIELD HOSPITAL

If negative pressure is not required, such as in an open-air, temporary field hospital, the machine can be used as an "air purifier," pulling air in, removing many contaminants and discharging cleaner air back in the room.



DIMENSION



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Carrier reserves the right to make changes in specifications without prior notice.



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