



CARRIER OPTICLEAN™

NEGATIVE AIR MACHINE

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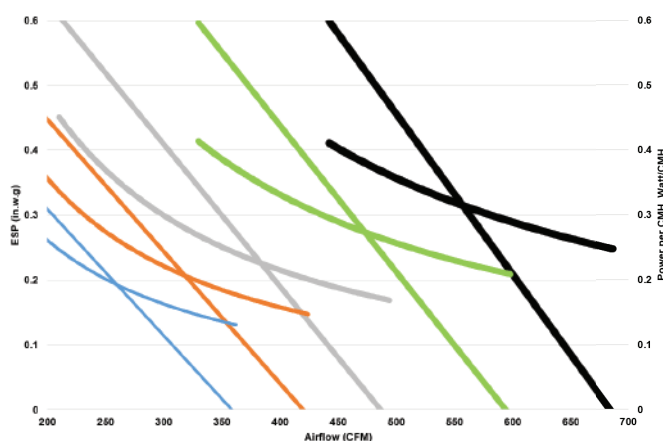


The Carrier OptiClean™ negative air machine is a portable, solution primarily designed to help convert normal hospital rooms into airborne infectious isolation rooms (AIIR). Designed to comply with ASHRAE's Standard 170 for Ventilation of Health Care Facilities, the Carrier OptiClean™ uses a 99.97% efficient filter and a heavy duty, yet quiet, motor to remove filtered contaminated air from the room. The resulting negative air pressure, or "vacuum effect," helps limit the spread of airborne contaminants into surrounding areas. If negative pressure is not required, such as an open-air, temporary hospital, the machine can be used as an air "scrubber," pulling air in, removing many contaminants, and discharging cleaner air back into the space.

Product Highlights and Specifications

- 99.97% efficient, long-life HEPA filter removes particles as small as 0.3 microns.
- Pleated synthetic MERV 7 pre-filter.
- Nominal Air Flow:
687 CFM in Air Scrubber mode
500 CFM in Negative Air mode
(0.45 in w.g. ESP)
- 5 selectable motor speeds for wide range of airflow.
- Meets ASHRAE Standard 170: Ventilation of Health Care Facilities.
- HEPA filter rack and sealing design meeting filter air by-pass leakage Class F9 EN 1886.
- Vertical design for smaller footprint.
- Portable and adaptable to nearly any appropriately-sized location.
- Heavy-duty, lockable casters for easy transportation.
- 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.
- 3 meters long power cord with strain relief and plug type G.
- Exhaust transition plate to standard 10-inch round.
- Galvanized steel, powder painted cabinet is fully insulated.
- 230V / 1Ph - 50 Hz Power.
- Unit dimensions, cm: 44.5W x 56D x 126H.

Opticlean™ CFM, ESP, Power



Airflow with factory installed filters MERV 7, HEPA H13, and standard connector plate.



Note: This catalogue provides certain general information and is intended for general guidance only and Carrier India disclaim any liability for any damage arising out of the use of this catalogue.

ADDITIONAL PRODUCT DETAILS

Pre-Installed Filters

- The Carrier OptiClean™ ships with two filters pre-installed for your convenience: synthetics pleated MERV 7 pre-filter and a HEPA H13 filter.
 - 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.

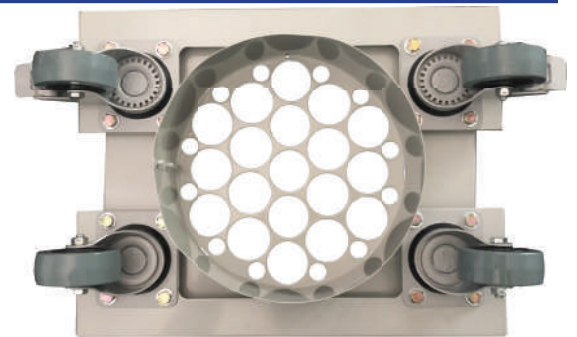


Multi-Function Control Panel

- On/Off Switch – A green on/off switch illuminates when the unit is on and operating.
- Filter Alert – A red light illuminates when it is time to check and/or replace one or both of the unit's filters.
- Pressure Indicator – Compares room/ambient pressure versus internal pressure on the back side of the HEPA filter. Sets off the red indicator light when the filters are dirty.
- 5 selectable motor speeds for wide range of airflow.

Some Assembly Required

- Locking casters and round duct transition assembly are shipped packed underneath with every unit.



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HEALTHYBUILDINGS

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