

Arcoaire OptiClean™

Negative Air Machine

FN1AAF005000 – MINIMUM 500 CFM

FN1AAF015000 – MAXIMUM 1500 CFM

The Arcoaire OptiClean negative air machine is a portable, minimum 500 CFM or maximum 1500 CFM 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 Arcoaire 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.

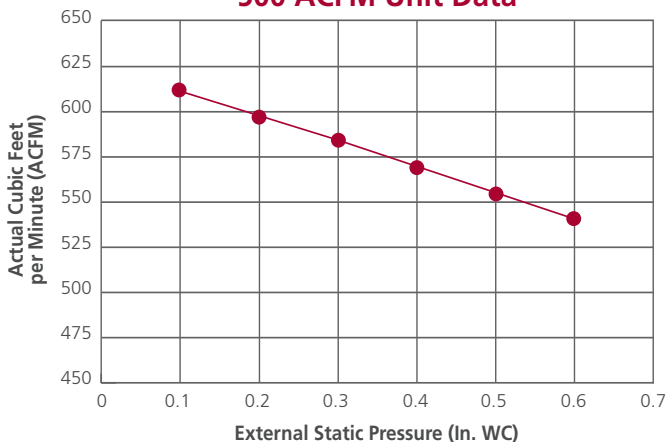
(015 size shown)



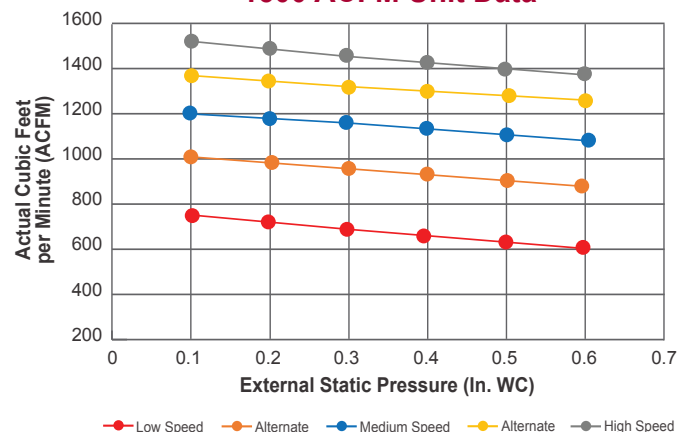
Product Highlights and Specifications

- 99.97% efficient, long-life HEPA filter removes particles as small as 0.3 microns
- Standard MERV 7 or higher pre-filter
- Minimum 500 CFM or maximum 1500 CFM
- Meets or exceeds the ASHRAE Standard 170: Ventilation of Health Care Facilities
- HEPA filter rack and sealing design meet air leakage requirement
- Vertical design for smaller footprint compared to many competitors
- Portable and adaptable to nearly any appropriately-sized location
- Heavy-duty, lockable casters for easy transport
- Three-speed selector switch on 015 size for various air flow ranges
- 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
- Ten-foot long power cord with strain relief
- Exhaust transition plate to standard 10-inch round (005 size) or 12-inch oval (015 size) duct included
- Galvanized steel, pre-painted cabinet is fully insulated
- 115V
- UL® listed
- Cabinet dimensions:
17-5/8" W x 22-1/16" D x 49-5/8" H (005 size)
21-1/8" W x 22-1/16" D x 53-7/16" H (015 size)
- Operating Weight: 125 lbs (005 size), 150 lbs (015 size)
- One-year limited warranty

500 ACFM Unit Data



1500 ACFM Unit Data



Airflow based upon clean pre-filter at 115V with factory-approved HEPA filter.

Airflow and pressure measured with 10' flex duct installed.

Additional Product Details

Pre-Installed Filters

- The Arcoaire OptiClean™ 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 and is available to order through Fast® Parts*
 - 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.



(005 size)

(015 size)

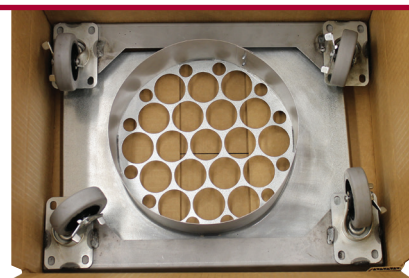
Multi-Function Control Panel

- 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
- Three-Speed Selector Switch – Allows for low-medium-high air flow ranges (015 size only)

Some Assembly Required

- Locking casters and round or oval duct transition assembly are shipped with every unit
- Check with your equipment distributor for details

(10" round plate shown)



Limited Warranty

The Arcoaire OptiClean is covered by a one-year parts limited warranty. See limited warranty certificate for complete details and restrictions.



Currently designed for
Commercial applications only.

UL and the UL logo are
trademarks of UL LLC. 



GoArcoaire.com

© 2020 Carrier
All rights reserved

A Carrier Company

401 32 2213 00

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.