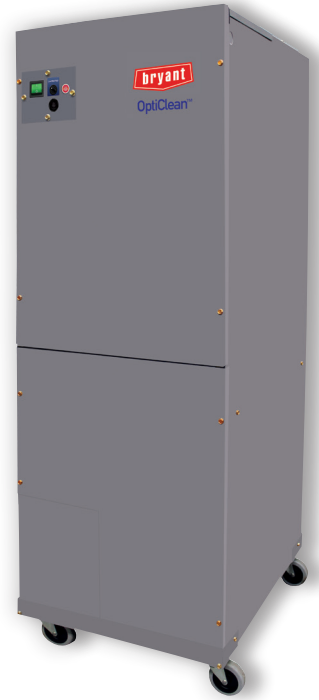




Heating & Cooling Systems

**BEHLER-YOUNG**  
C O M P A N Y



# BRYANT® OPTICLEAN™

## DUAL-MODE NEGATIVE AIR MACHINE AND AIR SCRUBBER

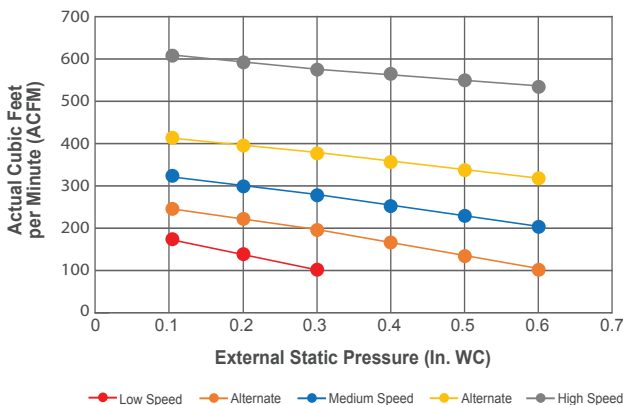
FN1AAF006000 – MINIMUM 600 CFM  
FN1AAF015000 – MAXIMUM 1500 CFM

The Bryant OptiClean negative air machine is a portable, maximum 600 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 Bryant OptiClean unit 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, retail space, dental office or residence, the machine can be used as an air scrubber, pulling air in, removing many contaminants, and discharging cleaner air back into the space.

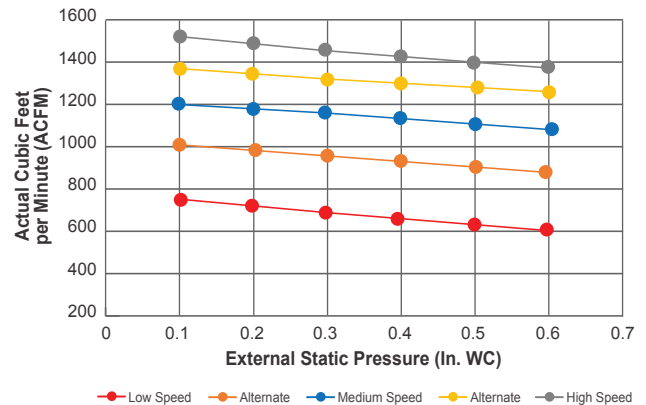
### PRODUCT HIGHLIGHTS AND SPECIFICATIONS

- 99.97% efficient, long-life HEPA filter removes particles as small as 0.3 microns
- Standard MERV 7 or higher pre-filter
- Minimum 600 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 for various air flow ranges:
  - 200 CFM/400 CFM/600 CFM (006 size)
  - 500 CFM/1,000 CFM/1,500 CFM (015 size)
- 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 (006 size) or 12-inch oval (015 size) duct included (negative air machine application only)
- 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 (006 size)
  - 21-1/8" W x 22-1/16" D x 53-7/16" H (015 size)
- Operating Weight: 125 lbs (006 size), 150 lbs (015 size)
- One-year limited warranty

600 CFM Unit Airflow 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 Bryant® 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 Totaline®\*
  - 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

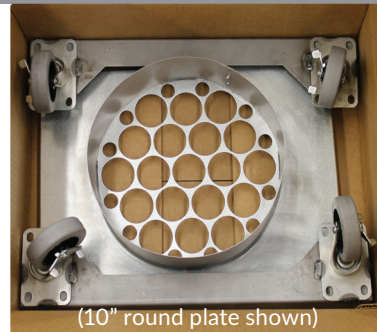
- On/Off Switch – A green on/off switch illuminates when the unit is on and operating
- Filter Alert – A red light illuminates when it is time to check and/or replace one or both of the unit's filters
- Pressure Indicator – Compares room/ambient pressure versus internal pressure on the back side of the HEPA filter. Sets off the red indicator light when the filters are dirty
- Three-Speed Selector Switch – Allows for low-medium-high air flow ranges



## Additional Features

- Locking casters and round or oval duct transition assembly are shipped with every unit (assembly required)
- Optional Air Diffuser Kit, sold separately, helps redirect air flow and reduces sound levels up to two decibels (air scrubber applications only)

Check with your equipment distributor for details.



(10" round plate shown)



(Optional air diffuser, sold separately)

## Limited Warranty

The Carrier OptiClean Dual-Mode Negative Air Machine and Air Scrubber are covered by a one-year parts limited warranty. See limited warranty certificate for complete details and restrictions.



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