

# EVOLUTION™ AIR PURIFIER

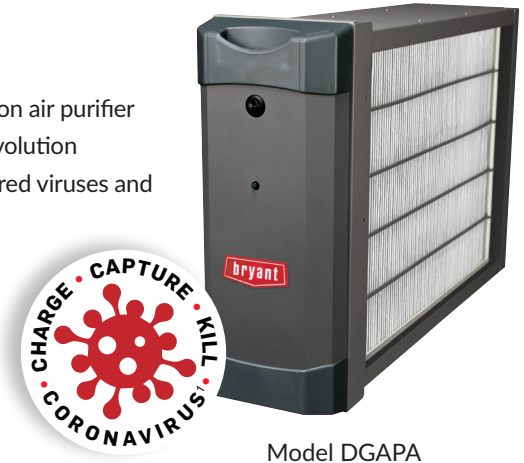


THE EVOLUTION AIR PURIFIER CAPTURES & KILLS® CORONAVIRUS<sup>1</sup> FROM FILTERED AIR TO HELP CREATE A HEALTHIER HOME

## WHY THE BRYANT® EVOLUTION AIR PURIFIER MATTERS

As part of a strategy for slowing the spread of infectious disease in your home, the Evolution air purifier should be considered essential. Featuring our patented Captures & Kills technology, the Evolution air purifier offers proven, third-party tested effectiveness with a 99% inactivation of captured viruses and germs when used as instructed,<sup>1</sup> including:

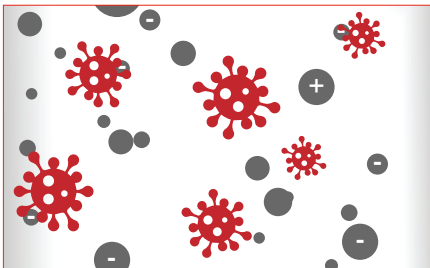
- Coronavirus
- Common cold surrogate
- Bacteria that causes strep throat
- Human influenza



Model DGAPA

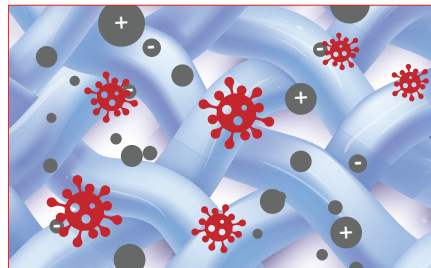
## HERE'S HOW IT WORKS

Our Evolution air purifier treats the air flowing through your HVAC system's air handler using a three-step, charge/capture/kill process that inactivates 99% of select germs and viruses:<sup>1</sup>



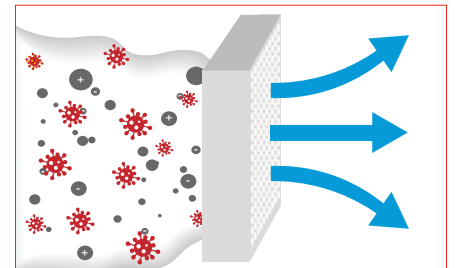
### Charge

The purifier creates a “cloud” of electrically charged ions that attach themselves to airborne dust, pollen, viruses, germs and other particles as they pass through.



### Capture

The ionized particles are pulled toward an oppositely charged, pleated filter and captured at an extremely high rate, similar to how a magnet attracts metal shavings.



### Kill

Captured airborne microbes remain on the pleated filter instead of recirculating back into the home and are subjected to an intense electric field.

## INDEPENDENT TESTING AT THE UNIVERSITY OF COLORADO

Our confidence with the performance of our Evolution air purifier capturing and killing coronavirus from filtered air<sup>1</sup> is based upon third-party testing at a university environmental engineering laboratory that specializes in disinfection science.

- Tests were conducted with a murine coronavirus that is closely related to the human coronavirus SARS-CoV-2, which causes COVID-19
- The murine pathogen surrogate allowed testing to be completed safely<sup>10</sup>

Controlled environment tests showed that the Evolution air purifier inactivated 99% of coronavirus on its filter.



## EVOLUTION™ AIR PURIFIER

### DEFENDING YOUR HOME TAKES A COMPREHENSIVE APPROACH

Viruses spread from infected individuals when they breathe, speak, sneeze or cough. The viral particles are contained in aerosols, the largest of which quickly settle on indoor surfaces, while the smaller ones can remain airborne.<sup>11</sup> And while the SARS-CoV-2 virus itself is extremely small (about 0.1 microns in diameter),<sup>12</sup> the larger respiratory droplets or aerosols that can transmit viruses are large enough to be captured when passing through enhanced air filtration.

Filtration technology does not prevent person-to-person or surface transmission; rather, it helps eliminate particles in the air when they flow through your HVAC system and make contact with the filter. That's why controlling airborne pathogens with Bryant® indoor air quality products like the Evolution air purifier makes sense. In addition, following CDC guidelines for personal hygiene and managing surface-based pathogens are important for a comprehensive defense strategy.<sup>13</sup> This includes:



Vigorous hand washing with soap and water for 20 seconds



Cleaning and disinfecting "high-touch" household and personal items such as counter tops, door handles and cell phones



Physical distancing both at home and when away

# COMPETITIVE COMPARISON



Not all whole-home air purification systems are created equal. See how the Evolution™ air purifier with its Captures & Kills® technology stacks up against the competition.

Evolution™ Air Purifier vs. Competitors*		
	Evolution Air Purifier	Trane® Clean Effects™
Filtration Efficiency	MERV 15	<ul style="list-style-type: none"> <li>No published MERV rating</li> <li>Uses Clean Air Delivery Rate (CADR)</li> </ul>
Coronavirus	Inactivates coronavirus from filtered air <sup>1</sup>	No claim
Germicidal Capability	Yes	No
Cleaning and Maintenance	<ul style="list-style-type: none"> <li>Brush off any build-up on the grid with a clean, dry paint brush</li> </ul>	<ul style="list-style-type: none"> <li>Pre-filter: Factory recommends every two months</li> <li>Collection Cells: Factory recommends every six months</li> <li>Cleaning Pre-filter and Collection Cells: User's Guide recommends vacuuming outside and to wear appropriate respiratory protection for sensitive persons; do not clean by immersion or with soap. Must be completely dry before reinstalling</li> </ul>
Filter Replacement	<ul style="list-style-type: none"> <li>"Clean and Replace Filter" notification is displayed on the Evolution™ Connex™ control</li> <li>Simply pull out the old filter and replace it</li> <li>Captured particles are removed with the filter</li> <li>Filter typically lasts 8-12 months</li> </ul>	<ul style="list-style-type: none"> <li>Does not get replaced</li> <li>Requires multi-step vacuuming/washing process described above</li> </ul>
Application	<ul style="list-style-type: none"> <li>Custom fits to any Bryant® gas furnace or fan coil, five sizes available</li> </ul>	<ul style="list-style-type: none"> <li>Can be installed either as part of a Trane communicating heating and air conditioning system or as part of any traditional 24-volt system</li> </ul>
Limited Warranty	10-Year† (Excludes replacement filters)	10-Year - electronics Five-Year - other parts

\* Competitive information obtained from each manufacturer's public website as of August 2020. Third-party trademarks are the property of their respective owners.

† The limited warranty period is five years if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration.



## COMPETITIVE COMPARISON

### Evolution™ Air Purifier vs. Competitors\*

Lennox® Pureaire™ S	Aprilaire® 5000	Honeywell® F300	Rheem® Exact Fit Media Air Cleaner	Goodman® Clean Comfort® AE14
MERV 16	MERV 15	MERV 12-16	MERV 8	MERV 14
No claim	No claim	No claim	No claim	No claim
No	No	No	No	No
<ul style="list-style-type: none"> <li>Requires annual replacement of catalyst plate and UV lamps</li> </ul>	<ul style="list-style-type: none"> <li>Cleaning of the control electrode every 6-12 months. Requires a nine-step process</li> </ul>	<ul style="list-style-type: none"> <li>Wash the cells in your dishwasher or sink when needed</li> </ul>	N/A	<ul style="list-style-type: none"> <li>Requires cleaning of pre-filters and collecting cells with air cleaner detergent</li> </ul>
<ul style="list-style-type: none"> <li>Annually</li> </ul>	<ul style="list-style-type: none"> <li>Periodic replacement</li> </ul>	<ul style="list-style-type: none"> <li>Does not get replaced; requires periodic cleaning</li> </ul>	<ul style="list-style-type: none"> <li>Annually</li> </ul>	<ul style="list-style-type: none"> <li>Replace carbon filters every four to six months</li> </ul>
<ul style="list-style-type: none"> <li>Works with Lennox communicating systems</li> </ul>	<ul style="list-style-type: none"> <li>Works with all gas, oil and electric forced air furnaces and air conditioning systems</li> </ul>	<ul style="list-style-type: none"> <li>Works with all gas, oil and electric forced air furnaces and air conditioning systems</li> </ul>	<ul style="list-style-type: none"> <li>Exact-fit system solution to Rheem residential air handlers and gas furnaces</li> </ul>	<ul style="list-style-type: none"> <li>Works with all gas, oil and electric forced air furnaces and air conditioning systems</li> </ul>
10-Year	Five-Year	Five-Year	Five-Year	Five-Year

# OPTICLEAN™ AIR SCRUBBER



The OptiClean air scrubber rolls easily into any room and plugs into a standard electrical outlet to quickly help improve indoor air quality in your home.

## How It Works

1

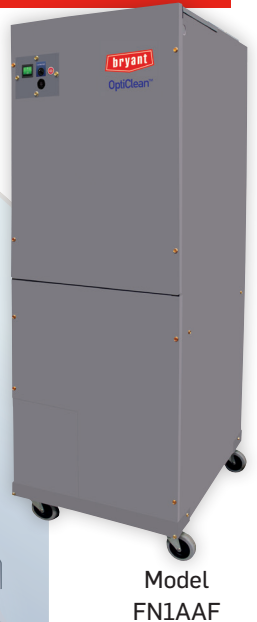
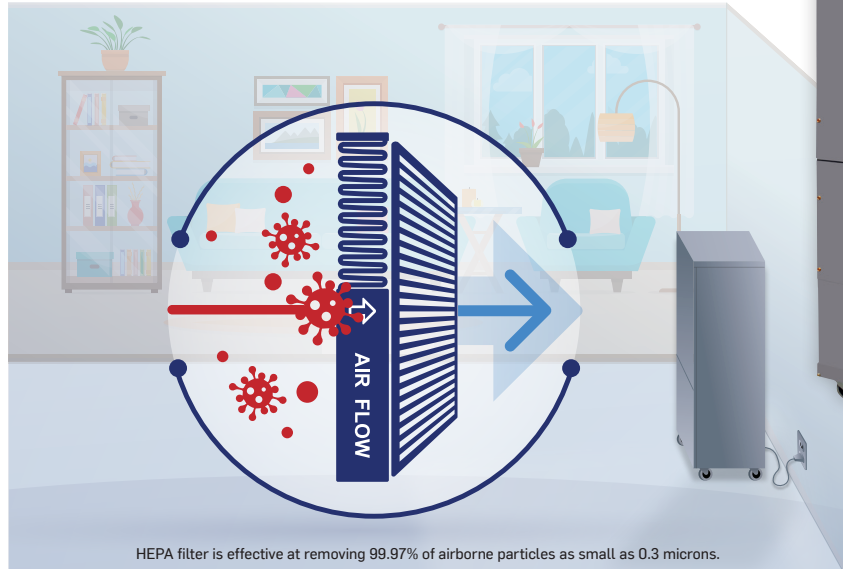
The unit pulls air in from the surrounding area.

2

The air passes through a series of filters to remove many contaminants.

3

The cleaner, fresher filtered air is then recirculated back into the room.



Model  
FN1AAF

## PRODUCT HIGHLIGHTS

- Standard MERV 7 or higher pre-filter, 99.97% efficient, long-life HEPA filter removes particles as small as 0.3 microns
- Two sizes available, 600 CFM or 1500 CFM
- Meets the ASHRAE Standard 170: Ventilation of Health Care Facilities
- HEPA filter rack and sealing design meet air leakage requirement
- Heavy-duty, lockable casters for easy transport
- Three-speed selector switch 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
- 115V, UL® listed
- One-year limited warranty

# EZ FLEX™ EXPANDABLE AIR FILTER WITH CABINET



Model EZXCAB

Today's homes are more energy-efficient than ever – sealed tighter and better insulated to keep heated or cooled air on the inside. The unfortunate side effect is that these same homes also do a better job retaining dust, dirt, pollen and more, trapping them inside to circulate and recirculate throughout your living spaces. These particles settle on furnishings, pollute the indoor air and rob your comfort system of efficiency by restricting airflow and making it work a little harder. The Bryant EZ Flex expandable filter with cabinet can help alleviate those issues.

## PRODUCT HIGHLIGHTS

- Can be used in upflow, downflow and horizontal applications
- Sturdy 20-gauge powder coat painted cabinet that can withstand the weight of a 400 lb. (181 kg) furnace
- Rated at MERV 10 with a MERV 13 filter replacement available
- Equipped with a month indicator to remind the homeowner when to change the filter
- High dust holding capacity increases the time between filter changes
- Ten-year limited warranty on cabinet<sup>14</sup>

