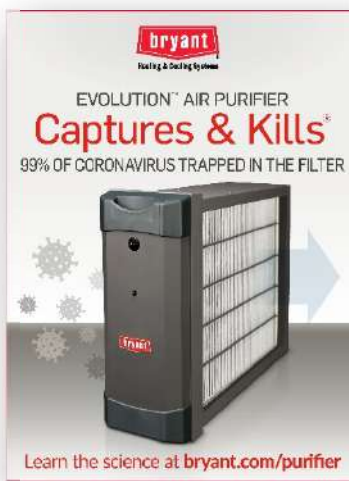


Infinity/Evolution Air Purifier Claim FAQs & Marketing Messaging Points

For awareness, the FTC has been sending a steady stream of warning letters to stop companies from making coronavirus claims about various products. Usually these companies don't have scientific evidence to back up their claims. Even when companies have the science, the FTC is looking at coronavirus related ads, including on social media, with "exacting scrutiny". This is why we've outlined the language within this document for you to use verbatim.

We recommend that you use this language and not stray from it to help avoid any unnecessary actions against your business. We have refined our messaging and FAQs to help tell the story about how the product works, and to avoid crossing over into deceptive/misleading territory. Additionally, we created documentation to help explain how the product works and link to it in our communications and recommend you do as well. An example of this can be found in our social media content as follows:



Infinity/Evolution Air Purifier Talking Points

- Testing by the University of Colorado Department of Civil, Environmental and Architectural Engineering found that the Carrier/Bryant Infinity/Evolution air purifier inactivates 99% of coronavirus trapped on the filter. Other third-party testing also concluded that Carrier's/Bryant's Captures & Kills technology inactivates 99% of select viruses and bacteria trapped on the filter, such as a common cold virus surrogate, *Streptococcus pyogenes* and human influenza.¹
 - With every cycle of air that passes through this patented air purifying system, pollen, animal dander, bacteria and other pollutants are trapped and held tightly to the filter. An electrical charge then bursts the cell walls of pathogens it comes in contact with.

- The result is that homes with the Infinity air purifier can provide healthier indoor environments. Families can have added peace of mind that their loved ones have a cleaner and healthier home in which to live, learn, work and play.
- The Infinity/Evolution air purifier works with most forced air HVAC systems produced by both Carrier/Bryant and other manufacturers.
- The Infinity/Evolution air purifier treats the air flowing through an HVAC system's air handler using a three-step, charge/capture/kill process that inactivates 99% of select viruses and bacteria:
 - **Step One: 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.
 - **Step Two: Capture** – the ionized particles are pulled toward an oppositely charged, pleated filter and captured at an extremely high rate.
 - **Step Three: Kill** – captured airborne microbes remain on the pleated filter instead of recirculating back into the home and are subjected to an intense electric field.
- The University of Colorado's testing was 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.
- To learn more about the science, visit carrier.com/purifier bryant.com/purifier.

Infinity/Evolution Air Purifier Q&As

What is the Infinity/Evolution air purifier technology?

The Infinity/Evolution air purifier is a whole-home solution that works silently as part of a home's heating and cooling system, using a filter and electrical charges to remove airborne pathogens, pollen, animal dander and other contaminants. It is a hybrid between an electronic air cleaner and media filter that offers the benefits of a high-voltage electrostatic precipitator and the ease of maintenance of a media filter.

How does the Infinity/Evolution air purifier technology work?

The Captures & Kill® technology that the Infinity/Evolution air purifier uses is a three-step process.

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.

How efficient is this unit’s filtration?

Third-party testing concluded that the Infinity/Evolution air purifier’s Captures & Kills technology inactivates 99% of select airborne viruses and bacteria trapped on the filter, such as coronavirus, a common cold virus surrogate, Streptococcus pyogenes and human influenza.¹

The Infinity air purifier meets Minimum Efficiency Reporting Value (MERV) 15. MERV ratings are designated with numbers from 1 to 16. The higher the MERV rating, the better the filter’s performance (percent efficiency) for smaller particles. A MERV rating of 15 requires 85-95% efficiency for the smallest particles tested down to 0.3 microns.

How long will the filter last?

Filter life varies from home to home and is based on several factors. Most homeowners find that the filter lasts for six to nine months.

Can I use another brand of filter in the Infinity/Evolution air purifier?

No. The filter used in the Infinity/Evolution air purifier is patented and uses a design that carries an electrical charge through the filter where select captured organisms are killed. Other filters do not have this technology and will not work in this unit.

I don’t have a Carrier/Bryant HVAC system. Can I still buy and install the Infinity/Evolution air purifier?

Yes, the Infinity/Evolution air purifier can be added to many heating and cooling systems from a variety of manufacturers.

How do I know when to change my filter?

If your Infinity/Evolution air purifier is used in conjunction with the Carrier Infinity[®] System Control/Bryant Evolution[™] Connex[™], the control will notify you when it is time to change the filter. Other thermostats may have a timer or reminder built in.

Does the Infinity/Evolution air purifier make any sounds while operating?

No. Unlike traditional electronic air cleaners, the purifier creates no zapping noises.

Is there a benefit to using ultraviolet (UV) lamps in conjunction with the purifier?

Yes. Carrier/Bryant UV lamps installed at the coil and drain pan helps prevent the build-up of contaminants on your air coil.

How does the Infinity/Evolution air purifier compare to a HEPA filter?

True HEPA (High-Efficiency Particulate Air) filters are slightly more efficient at capturing the tiniest particles. However, HEPA filters do not have the Captures & Kills® technology of the Infinity/Evolution air purifier. In addition, HEPA filters have a very high resistance for airflow (pressure drop), and therefore, generally incorporate an additional fan.

Does the Infinity/Evolution air purifier capture coronavirus?

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

- Coronavirus
- Common cold virus surrogate
- Streptococcus Human influenza

How was it determined that the Infinity/Evolution air purifier captures and kills 99% of coronavirus from filtered air?

Our confidence with the performance of our Infinity/Evolution air purifier capturing and killing the coronavirus from filtered air¹ is based upon third-party testing at the University of Colorado.

- 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 safely²

Controlled environment tests showed that the Infinity/Evolution air purifier rapidly inactivated 99% of coronavirus on its filter. To learn more about the science, visit carrier.com/purifier bryant.com/purifier.

How does the Infinity/Evolution air purifier capture coronavirus even though it's smaller than the size that can be captured by the filter?

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.³ And while the SARS-CoV-2 virus

itself is extremely small (about 0.1 microns in diameter),⁴ the larger respiratory droplets or aerosols that can transmit viruses are large enough to be captured when passing through enhanced air filtration.

How much does the Infinity/Evolution air purifier cost?

The cost depends on a number of factors. We encourage anybody interested in adding the Infinity/Evolution air purifier to their home to contact their local HVAC contractor to secure price quotes.

Can you install the Infinity/Evolution air purifier with non-Infinity gas models?

Yes, the Infinity/Evolution air purifier can be installed with any Carrier/Bryant gas furnace or fan coil.

1 The Infinity/Evolution Air Purifier has demonstrated effectiveness against the murine coronavirus, based on third-party testing (2020) showing a >99% inactivation, which is a virus similar to the human novel coronavirus (SARS-CoV-2) that causes COVID-19. Therefore, the Infinity/Evolution Air Purifier can be expected to be effective against SARS-CoV-2 when used in accordance with its directions for use. Third-party testing (2012, 2007) also shows ≥99% inactivation for the type of virus that causes common colds, Streptococcus pyogenes and human influenza. Airborne particles must flow through your HVAC system and be trapped by the Infinity/Evolution filter to be inactivated at 99%.

2 <https://aem.asm.org/content/aem/76/9/2712.full.pdf>

3 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7293495/>

4 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7224694/>