



Infinity® Air Purifier



Turn to the experts

The Infinity Air Purifier Captures & Kills® Coronavirus¹ from Filtered Air to Help Create a Healthier Home

Why the Carrier Infinity Air Purifier Matters

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

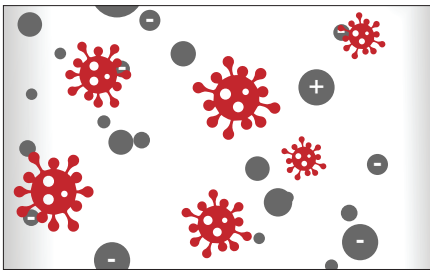
- Coronavirus
- Bacteria that causes strep throat
- Common cold surrogate
- Human influenza



Model DGAPA

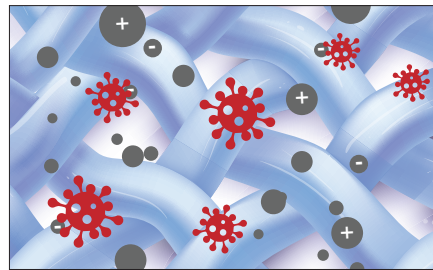
Here's How it Works

Our Infinity air purifier treats the air flowing through your HVAC system's air handler using a three-step, charge/capture/kill process:



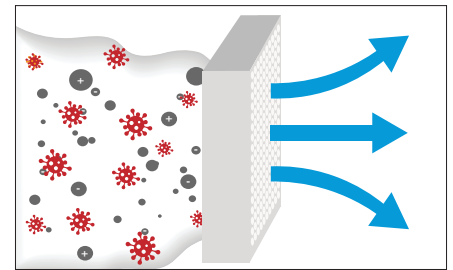
Charge

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 MERV 15 rated filter and captured at an extremely high rate, similar to how a magnet attracts metal shavings.¹⁰



Kill

Captured airborne microbes remain on the pleated filter instead of recirculating back into the home and are subjected to an intense electric field. There, 99% of select viruses and bacteria are inactivated.¹

Independent Testing at the University of Colorado

Our confidence with the performance of our Infinity air purifier capturing and killing coronavirus from filtered air¹ 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 safely¹¹

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



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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.¹² And while the SARS-CoV-2 virus itself is extremely small (about 0.1 microns in diameter),¹³ 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 Carrier indoor air quality products like the Infinity air purifier makes sense. In addition, following CDC guidelines for personal hygiene and managing surface-based pathogens are important for a comprehensive defense strategy.¹⁴ 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