



Lennox PureAir™ S

## Healthier, Cleaner Air

After months of rigorous testing, the PureAir™ and PureAir™ S Air Purification Systems, with the Lennox Healthy Climate™ Carbon Clean 16® air filter, remove over 99% of the virus that causes COVID-19<sup>1</sup> from the air<sup>2</sup>.

### Unmatched Whole-Home Purification for Perfect Air

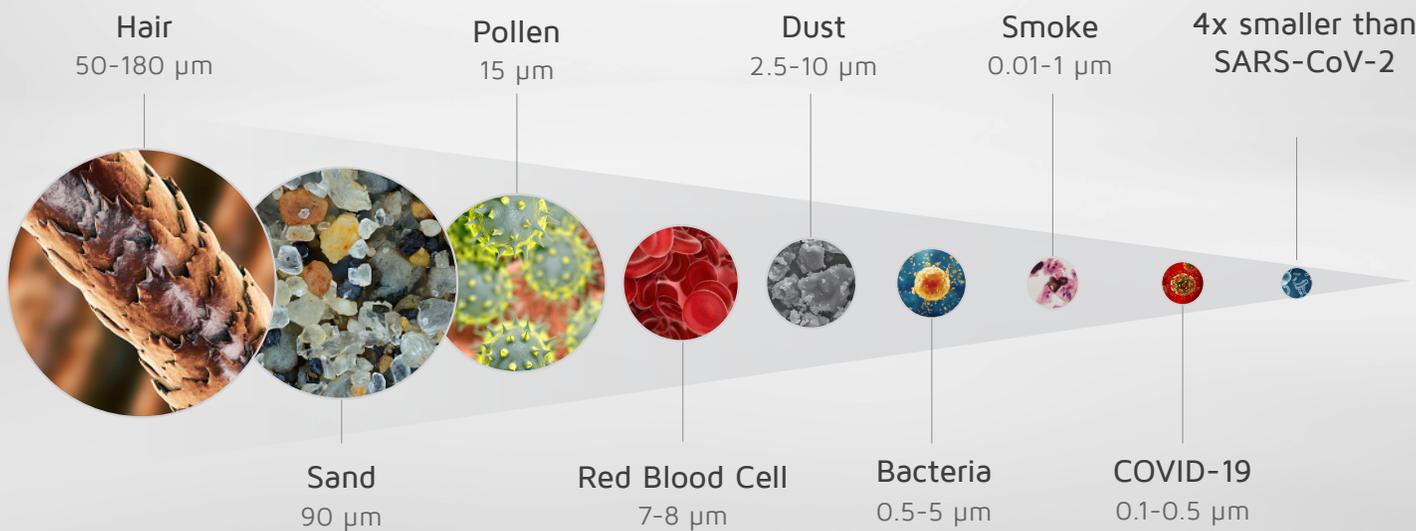
- Hospital-grade filtration<sup>3</sup>
- Captures & removes viruses, bacteria, fungal spores and particles 4x smaller than SARS-CoV-2
- Unlike others, doesn't produce lung-irritating ozone and actively removes existing ozone found in the home
- Proprietary design ensures the lowest-ever air resistance to keep your system at peak performance

“We understand that indoor air quality is a higher priority now more than ever before. While COVID-19 has changed the world around us, it hasn't changed our unwavering commitment to delivering consistently clean, comfortable air to homeowners through our Lennox Healthy Climate™ and Ultimate Comfort System™ indoor air quality products.”

John Whinery, VP of Product, Lennox Industries

### Captures and Removes Viruses 4x Smaller than SARS-CoV-2

From the COVID-19 pandemic to the U.S. West Coast wildfires, some of the biggest threats now are also the most microscopic. A particle needs to be 10 µm or less before it can be inhaled into your respiratory tract. But just how small are these particles? Here is a look at the relative sizes of some familiar particles:



1. Removal efficiency based on third party testing results using MS-2 Bacteriophage (ATCC 15597-B1). Bacteria representative of virus-sized particles like SARS-CoV-2, the virus that causes COVID-19. November 2020.

2. When used properly with other best practices recommended by CDC and others, filtration can be part of a plan to reduce the potential for airborne transmission of COVID-19 indoors.

3. Not intended for actual hospital use. Based on Application Guidelines, Table 1, ASHRAE Application Handbook, 2011.



# There's filtration. Then there's unrivaled filtration.

The Healthy Climate® Carbon Clean 16® is the most advanced media filter for ozone reduction and filtration of allergens and germs. The Carbon Clean 16® combines industry-leading MERV 16 filtration with activated, carbon-coated fibers to remove allergy-aggravating particles from your home's air. It provides powerful filtration without restricting the airflow of your comfort system.

**Why is airflow restriction important?** You know what it feels like breathing through a mask that is too dense, too thick? Same thing with a filter. With a too dense filter -- the system struggles to breathe. Our filters are designed with the lowest airflow restriction, improving comfort and efficiency, while protecting and possibly extending the life of your system.



## Highly effective protection against allergens.

The Carbon Clean 16®'s MERV 16 Precision Pleat™ helps protect your family from more than 99% of allergy-aggravating particles ranging in size down to 0.3 microns. It helps remove mold, germs, viruses and bacteria.



## Helps reduce ground-level ozone.

Carbon Clean 16® provides filtration throughout your home while reducing ozone\*, a known lung irritant<sup>1</sup>. According to the American Lung Association, ozone is currently one of the least-well-controlled pollutants in the United States and it is also one of the most dangerous.



## Household odors are neutralized.

As part of the Carbon Clean 16® natural and efficient purification process, carbon inside the filter has been treated with oxygen and reacts with odors, neutralizing them before they can recirculate into your home.

## Which MERV Filter is Right For You?

What is MERV? Minimum Efficiency Reporting Value (or MERV) is an independently tested, industry-standard method of evaluating filters based on the fraction of particles removed from the air passing through them at a given velocity. A higher MERV rating means a greater percentage of particles are trapped by the filter.

	Large Particles			Medium Particles					Small Particles			COVID-19
	Dust	Pollen	Lint	Mold	Mildew	Pet Dander	Smoke	Smog	Germs	Viruses	Bacteria	SARS-CoV-2
Healthy Climate® Carbon Clean 16® Media Air Filter ★★★★★	Removes up to <b>100%</b>			Removes up to <b>99%</b>					Removes up to <b>95%</b>			Removes up to <b>99%</b>
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Healthy Climate® 13 Media Air Filter ☆☆☆☆☆	Removes up to <b>99%</b>			Removes up to <b>86%</b>					Removes up to <b>54%</b>			Removes up to <b>85%</b>
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Healthy Climate® 11 Media Air Filter ★★★★★	Removes up to <b>87%</b>			Removes up to <b>65%</b>					Removes up to <b>28%</b>			Removes up to <b>75%</b>
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

1. U.S. Environmental Protection Agency, "Ozone Generators that are Sold as Air Cleaners: An Assessment of Effective and Health Consequences," August 2006.

\*Based on laboratory and field studies.