

*refreshingly*





## The PureAir™ system improves air quality throughout your home.

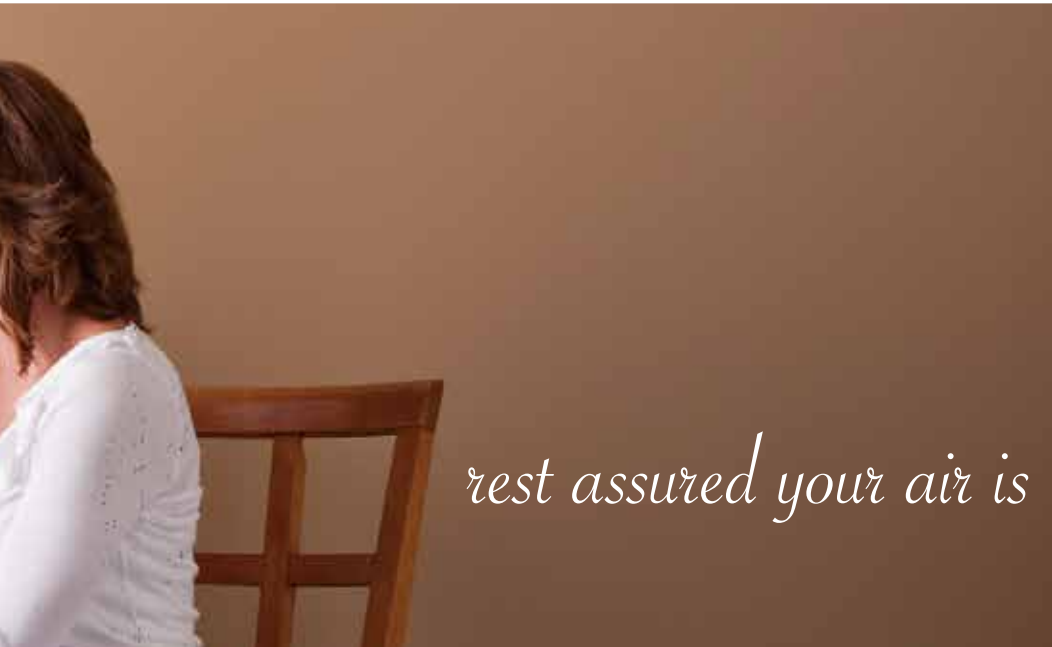
**No home is immune to indoor air quality (IAQ) problems.** Dust. Chemicals. Mold. Mildew. Bacteria. Viruses. Pet dander. These tiny particles (measured in microns) are all very common in homes and they can cause problems that can inhibit the simple joys of life like spending time with loved ones. That's why Lennox has developed the innovative PureAir™ air purification system. You can breathe easier knowing that the harm you can't see is virtually eliminated—leaving you with cleaner and healthier air.

### Unmatched purification and filtration

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Many technologies available today only combat one or two classes of air contaminants. The PureAir air purification system is designed to combat all three for comprehensive air purification.

- **Particles** (*any substances measuring less than 100 microns\* in diameter*) Removes more than 95% of particles down to 0.3 micron, including dust, pollen and pet dander.
- **Bioaerosols and Microorganisms** (*microscopic living organisms that grow and reproduce in warm, humid places*) Removes more than 90% of bioaerosols down to 0.01 micron, including viruses, dust mites, bacteria, mold spores and fungi.
- **Odors/Chemical Vapors** (*air contaminants in the form of gases*) Destroys volatile organic compounds (VOCs) and odors from sources like cleaning supplies, solvents used in carpeting or furniture, paints, cooking smells and pet odors.



*rest assured your air is healthier*

### Compare the PureAir™ air purification system to other air purification technologies

	PureAir™ System	Active Carbon Filter	HEPA Filter	UVC Light	Standard Box Filter	Electronic Air Cleaners
Captures small, breathable particles down to 0.3 micron*	◆		◆			◆
Captures airborne mold and other bioaerosols down to 0.01 micron	◆		◆			
Destroys odors (cooking fumes, pet odors)	◆	◆ <sup>1</sup>				
Removes chemical vapors (fumes from household products)	◆	◆ <sup>1</sup>				
Reduces ozone	◆	◆				
Does not generate ozone	◆	◆	◆	◆ <sup>2</sup>	◆	
Whole-home hospital-grade filtration	◆					
Low operating cost	◆	◆		◆	◆	

<sup>1</sup>Only captures, does not destroy.

<sup>2</sup>With use of non-ozone lamps.

\*One micron equals approximately 1/25,000 of an inch.



### PureAir™ Air Purification System

Cleans the air in your home better than any single system you can buy



### Improved indoor air quality helps reduce dust and odors

From allergies to asthma to the common cold, a PureAir™ air purification system can provide needed relief. And because a PureAir system helps reduce dust, pet dander and odors, you'll notice a difference in your everyday comfort. The PureAir system will not produce any harmful, ground-level ozone as a by-product like other air purification products on the market today. It actually reduces ozone in the home. How refreshing!

# Exclusive technologies to make air refreshingly cleaner.

## Air pollution inside your home? It's true.

According to the U.S. Environmental Protection Agency, the air inside the average home is up to five times, and occasionally one hundred times, more polluted than the air outside.\*

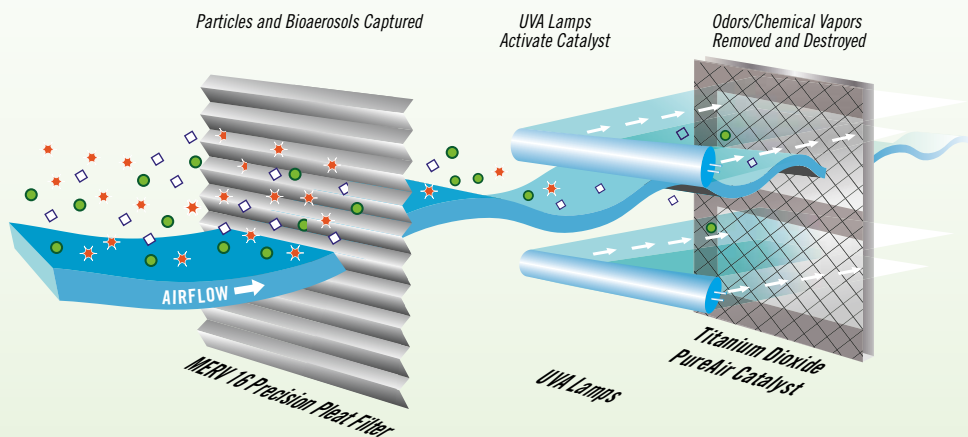
## Industry-leading technology

The PureAir™ air purification system reduces concentrations of pollutants through a combination of hospital-grade filtration and a process called photocatalytic oxidation.

### PureAir technology involves three steps:

1. The Precision Pleat™ MERV 16 filter captures particles and bioaerosols as small as 0.01 micron, removing them from the airstream—contaminants that standard filtration systems simply can't stop.
2. As the odor- and chemical-vapor-filled airstream flows over the UVA lamps†, the airstream is exposed to the catalytic surface (titanium-dioxide-coated PureAir insert).
3. The light energy and catalyst work together to break down odors and chemical vapors into harmless carbon dioxide and water.

**PureAir's new coconut-based activated carbon not only destroys odors and vapors 20% faster, but also absorbs 1/2 the initial concentrations immediately!**



\*Source: [www.epa.gov/air/basic](http://www.epa.gov/air/basic), November 20, 2009

†Hg-LAMPS CONTAIN MERCURY. Manage in accordance with disposal laws. Refer to [www.lamprecycle.org](http://www.lamprecycle.org) or call 1-800-9-LENNOX.

# We're obsessed with the pursuit of creating perfect air, and doing so with absolute efficiency.



Since 1895, Lennox has been on a continuous quest to reinvent home comfort. Perfect air is our purpose and our obsession. Today, that pursuit takes shape in many innovative ways: the most precise and energy-efficient air conditioners, the quietest high-efficiency furnaces, heat pumps, Wi-Fi-enabled thermostats, air handlers, air cleaners, small-space comfort systems, boilers and more.

## Peace-of-mind protection

The PureAir™ air purification system comes with a 5-year limited warranty on all covered components.

## Dealers you can count on

You can trust Lennox Dealers to design the right system for your home, install it properly and keep it running perfectly for many years to come. Because Lennox has more than 6,000 dealers throughout North America, you can rest assured there's a dealer near you.

# Healthy Climate® Indoor Air Quality Solutions

The Healthy Climate® collection from Lennox is a complete line of products designed for every need, and every home. In total, Lennox offers products in five categories of indoor air quality:

## Purification

Air purification systems are attached to the furnace or air handler, where contaminants are removed and destroyed before air is recirculated into the home.

- PureAir™ Air Purification System

## Filtration

Air filtration systems combat indoor pollution by capturing over 95% of particles ranging in size down to 0.3 micron\*\* and keeping them from recirculating back into the home's air.

- Carbon Clean 16® and MERV 10 Media Air Cleaners
- MERV 8–16 Replacement Air Filters

## Elimination

Germicidal lights dramatically reduce concentrations of potentially harmful microorganisms.

- Non-Ozone-Producing Germicidal Lights

## Humidity Control

Dehumidifiers and humidifiers work with the home's heating and cooling system to keep moisture levels balanced in every room.

- Humiditrol® Dehumidification System
- Whole-Home Dehumidifier
- Power Humidifier
- Bypass Humidifier

## Ventilation

Ventilation systems replace stale, contaminated indoor air with outdoor air—providing the fresh-air feel of an open window, with virtually no heat/energy loss or safety risk.

- HRV – Heat Recovery Ventilator
- ERV – Energy Recovery Ventilator
- Ventilation Control System

## Dave Lennox Signature® Collection PureAir Specifications

Model	PCO 14-23	PCO 16-28	PCO 20-28
Precision Pleat™ Filter	MERV 16	MERV 16	MERV 16
Filter Life	1 Year*	1 Year*	1 Year*
Lamp Life	2 Lamps/1 Year	2 Lamps/1 Year	2 Lamps/1 Year
Insert Life	1 Year*	1 Year*	1 Year*
Electrical Rating	120/230V; 50/60 Hz; 150 watts; 1.2/.65 amps	120/230V; 50/60 Hz; 150 watts; 1.2/.65 amps	120/230V; 50/60 Hz; 150 watts; 1.2/.65 amps
Dimensions HxWxD (in) HxWxD (mm)	21-1/8 x 10 x 23 537 x 254 x 584	17-1/4 x 10 x 28-1/2 438 x 254 x 724	21-1/8 x 10 x 28-1/2 537 x 254 x 724

\*Based on average hours of fan operation in six cities when thermostats are placed on "auto" versus "continuous" fan. Filter/insert may require more frequent changes in situations with high chemical contamination, high dust/dirt loads or with continuous fan operation.



**Note:** Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.

\*Applies to residential applications only. See actual warranty certificate for details.

\*\*One micron = 1/25,000 of an inch in diameter





# The Ultimate Comfort System™



Meet the most advanced, most efficient, most capable heating and air-conditioning system ever created. It's a triumph of Lennox innovation, comprised of the most advanced technology we've ever assembled into one system.

## Enjoy the pure, fresh air of PureAir™ whole home filtration, plus so much more.

Lennox' commitment to innovation has never been more obvious. By pairing the PureAir air purification system with the Precise Comfort™ technology of the XC25, SLP98V furnace, iComfort Wi-Fi® thermostat, and iHarmony™ zoning system, you create a system without parallel.



### XC25 Air Conditioner

The world's most precise and efficient air conditioner, and the first air conditioner that can change its output in increments of 1%.



### SLP98V Gas Furnace

The best furnace in the Lennox lineup, with the ability to modulate, or adjust, its heat output to any point between 35% and 100%.



### PureAir Air Purification System

Combining hospital-grade filtration and exclusive UVA-light technology, PureAir cleans the air in your home better than any other single system you can buy.



### iComfort Wi-Fi Thermostat

A truly innovative temperature command center that allows advanced scheduling, energy-saving One-Touch Away Mode and remote access from anywhere in the world via laptop, smartphone or tablet.



### iHarmony Zoning System

Lennox' newest advancement in airflow control directs heating or cooling to where it's needed, while reducing it in rarely used rooms. It's the best temperature control available for customizing comfort and saving energy in your home.

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