

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

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)	◆	◆ ¹				
Removes chemical vapors (fumes from household products)	◆	◆ ¹				
Reduces ozone	◆	◆				
Does not generate ozone	◆	◆	◆	◆ ²	◆	
Whole-home hospital-grade filtration	◆					
Low operating cost	◆	◆		◆	◆	

¹Only captures, does not destroy.

²With use of non-ozone lamps.

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

DAVE LENNOX
signature
COLLECTION



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.*

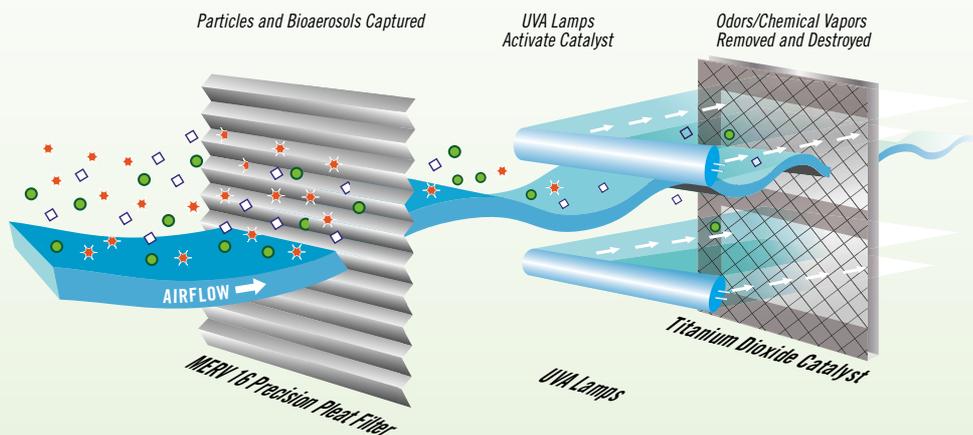
Industry-leading technology

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 metal 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, November 20, 2009

†Hg-LAMPS CONTAIN MERCURY. Manage in accordance with disposal laws. Refer to www.lamprecycle.org or call 1-800-9-LENNOX.

A brand that delivers beyond basic comfort.



Lennox has always been a leading global name in home comfort. Today, we're pushing beyond the traditional parameters of comfort with exclusive technologies that help create healthier and cleaner home environments.

So, when you choose Lennox, you can feel good knowing you're getting the best. And when you choose the Dave Lennox *Signature*® Collection, you're getting the best of the best. From industry-leading air cleaners to award-winning dehumidification systems, products from the Dave Lennox *Signature* Collection are engineered to deliver innovation beyond measure.

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.

- HC16/HC10 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



A system beyond compare.

The PureAir® air purification system is at its innovative best when integrated with other products from the Dave Lennox Signature® Collection in one home comfort system.



SLP98V

The most efficient and quietest furnace you can buy*



XC21

The most quiet and efficient central air conditioner you can buy**



icomfort Touch® Thermostat

Sleek, easy-to-use control allows home comfort system components to exchange information and automatically make adjustments as necessary to deliver peak performance



Healthy Climate Solutions™

Industry-leading dehumidification, plus whole-home ventilation and more

Optimizing efficiency

Concerned about your home's energy costs? Federal tax breaks are available for select Lennox® heating and cooling equipment. Depending on the system you choose, it may also be eligible for state and local tax credits, as well as rebates from local utility companies. Please consult your tax advisor for more information.

Dealers you can count on

Choosing the right dealer for your home's heating, cooling and air quality needs is every bit as important as choosing the right brand. Whenever you call one of our independent Lennox Dealers, you can count on receiving exceptional customer service. Your Lennox Dealer's dedication to quality shows in their knowledge, training and expertise in designing the right system for your home, installing it properly and keeping it running perfectly for many years to come.

*Based on sound pressure levels during steady-state, high-fire and low-fire operation of Lennox SLP98UH070V36B and leading competitive units at mid-point temperature rise and minimum external static pressure when set up per Section 4.5.3 of AHRI 260-2001. Efficiency ratings established per test standard: ANSI/ASHRAE 103-2001.

**A combination of sound ratings established per AHRI's test standard: AHRI 270-2008; and efficiency ratings established per AHRI's test standard: ANSI/AHRI 210/240-2008.



Innovation never felt so good.®

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