

# Healthy Climate® Solutions

## AN INDOOR AIR QUALITY SYSTEM FOR EVERY NEED



### Elimination

- ◆ PureAir™ air purification system – Only single air quality system that can safely destroy and remove chemical vapors and household odors, as well as particles and microorganisms
- ◆ Germicidal Lamps – Highest ultraviolet-light intensity on the market

*PureAir™ system – "Cleans the air inside your home better than any other single system you can buy"*



### Filtration

- ◆ Healthy Climate® 16 media air cleaner – Removes more than 95% of fine, breathable particles down to 0.3 micron to help protect your family
- ◆ Healthy Climate 10 media air cleaner – Removes more than 85% of particles, down to 3 microns to protect your equipment
- ◆ High-Efficiency Particulate Air (HEPA) bypass filtration system – Removes up to 99.97% of particles and bioaerosols down to 0.3 micron
- ◆ High-efficiency pleated media air cleaner – High-efficiency air filtration
- ◆ Healthy Climate replacement air cleaners – The first step to cleaner air

*Healthy Climate® 16 air cleaner – Highest filtration efficiency*



### Humidity Control

- ◆ Humiditrol® whole-home dehumidification system – Uses patented technology to remove excess moisture from the air
- ◆ Power humidifier – Uses a built-in fan to evenly circulate humidified air throughout the home
- ◆ Bypass humidifier – Uses a damper to direct and control humidified air throughout the home



### Ventilation

- ◆ Heat-recovery ventilator – Retains heat and moisture from indoor air before it's released outside
- ◆ Energy-recovery ventilator – Removes humidity from fresh outdoor air supplied to the home
- ◆ Ventilation control system – Freshens the air throughout the home, efficiently and economically



Introducing  
the industry's  
first complete line  
of ozone-free indoor  
air quality products



# Healthy Climate® “No Ozone” Indoor Air Quality Solutions

The industry’s first comprehensive line of ozone-free indoor air quality products

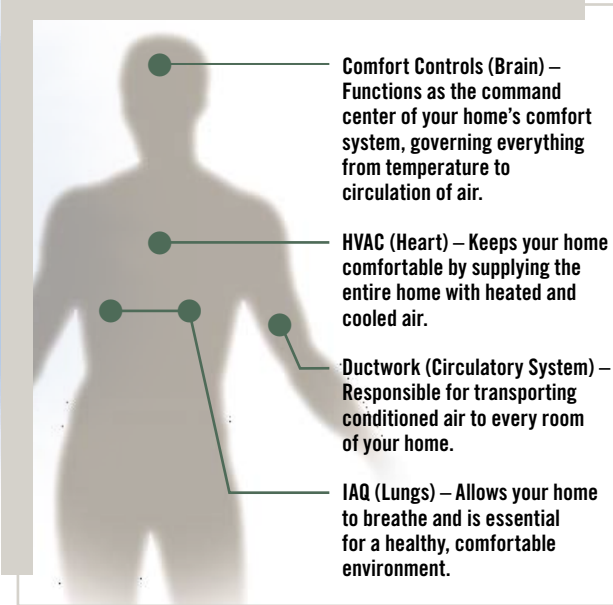
Healthy Climate® products are tested beyond industry standards to ensure optimum performance and reliability

Easy integration with your central heating and cooling system

Ozone is a known lung irritant that according to the American Lung Association, exposure may lead to shortness of breath, chest pain when inhaling deeply, wheezing and coughing.\* Healthy Climate® whole-home solutions provide the **most** comprehensive product portfolio and **not one of them produces ozone**.

- ◆ Ozone is a product of pollution and can be dangerous
- ◆ Many electronic particle air cleaners and ionizers produce ozone – **not** the Healthy Climate collection
- ◆ High levels of ozone can aggravate existing respiratory conditions such as asthma or bronchitis\*\*
- ◆ Healthy people, as well as those with respiratory difficulty, can experience breathing problems when exposed to ozone\*\*\*

## HEALTHY CLIMATE® PRODUCTS – PART OF THE WHOLE-HOME SOLUTION



*Like the human body, a home comfort system is made up of many systems with different functions—all working together to provide a whole-home custom comfort solution.*

\*U.S. Environment Protection Agency, Smog – Who Does It Hurt? What You Need to Know About

\*\*American Lung Association, 2006

\*\*\*U.S. Environmental Protection Agency, “Ozone Generators that are Sold as Air Cleaners: An Assessment of Effectiveness and Health Consequences,” August 2006

## The Problem of Ozone

The chart below helps shed some light on the problem of ozone in your home:

### OZONE FACTS

What It Is	Ozone is a form of oxygen. In the earth’s stratosphere, it helps to block potentially harmful ultraviolet light from reaching the ground. At lower levels in the atmosphere – the air we breathe – it’s a product of pollution and is a known lung irritant.
How It’s Produced	While ozone in the stratosphere occurs naturally, ground-level ozone is man-made. Many electronic particle air cleaners and ionizers produce ozone.
How It Builds Up	Concentrations depend on how powerful the device is, whether it’s placed in a small space and how many interior doors are closed.
How It’s Harmful	Long-term repeated exposure to high levels of ozone can reduce lung function or aggravate existing respiratory conditions, such as asthma or bronchitis.* Even exposure to relatively low amounts of ozone may cause chest pain, shortness of breath, coughing and throat irritation.**
Who’s at Risk	Healthy people, as well as those with respiratory difficulty, can experience breathing problems when exposed to ozone.**

## The Choice is Clear

Healthy Climate® indoor air quality products, essential components of your home’s comfort system, are designed to outperform competitors’ systems on every level:

### HEALTHY CLIMATE ADVANTAGES

Efficiency	Healthy Climate air cleaners are rated up to MERV 16—the highest filtration efficiency—for the utmost in contaminant control. While many electronically enhanced products lose efficiency over time, products such as Healthy Climate® Media Air Cleaners maintain their efficiency over the life of the filter, which is up to one full year.
Performance	Many IAQ products on the market today can only treat a percentage of the air in your home. Even the most popular portable products can’t come close to whole-home products that can be easily attached to your home’s heating and cooling system.
Ease of Installation	Designed to work with your heating and cooling system, Healthy Climate products are easily installed in your ductwork.
Ease of Service	Many products on the market today require regular cleaning and/or maintenance as often as every couple of months. Healthy Climate products are developed with ease of maintenance in mind. Products like the Healthy Climate 16 and PureAir™ system are once-a-year quick, easy maintenance. That’s less than the number of times you change the time on your clock each year.

\*\*Source: American Lung Association, 2006

*For more information on Healthy Climate® air cleaners, talk to your Lennox dealer or visit us at [lennox.com](http://lennox.com).*