

CUSTOMIZED COMFORT SOLUTIONS



Home air-improvement  
options to suit your needs

**LENNOX**

HOME COMFORT SYSTEMS  
*Innovation never felt so good.™*



## For every home air problem, Lennox offers a solution

Innovation never felt so good.™



Is your home too cold or too hot? Do particles of dust seem to dance all around you? Is the air so dry that you wake up with a scratchy throat? These are just a few of the issues that can affect how comfortable you feel at home. Fortunately, your Lennox dealer has solutions that can help you get a handle on all of them. And some of them will even save you money on your utility bills.

### **Solution: Two-stage cooling**



Two-stage cooling means the air conditioner or heat pump has a compressor with two levels of operation: high for hot summer days and low for milder days. Since the low setting is adequate to meet household cooling demands 80% of the time, a two-stage unit runs for longer periods and produces more even temperatures.

Longer cooling cycles also translate to quieter, more efficient operation and enhanced humidity control. As an added benefit, many two-stage compressors use the new R410A refrigerant, which meets U.S. government standards for environmental safety.

### **Solution: Variable speed heating**



Variable speed operation minimizes up-and-down temperature changes. A greater degree of precision means you stay perfectly warm, even on the coldest winter days.

Compared to conventional furnaces with single-speed motors, variable speed systems use about two-thirds less energy. They're also more effective at drawing moisture from the air for improved indoor air quality and comfort.

### **Solution: Comfort control**



An essential part of your home comfort system is control, and this can take shape in one or two ways. Programmable thermostats allow you to fine-tune comfort settings based on your schedule, and zoning systems let you customize comfort according to the different ways you use your home.

### Solution: Air cleaning



Pollutants in your home's air can cause dizziness, headaches, nasal congestion and fatigue, plus they can aggravate allergies and asthma. Healthy Climate® systems remove and destroy pollutants throughout your entire home, including contaminants so small they can only be seen with a microscope.

### Solution: Humidity control



Humidity inside your home has the same impacts on your comfort and health as humidity outside. Products like humidifiers, dehumidifiers and thermostats, working together with your heating and cooling system, help keep moisture levels under control.

### Solution: Fresh-air ventilation



Today's homes are sealed and insulated better than ever. While this helps conserve energy by preventing heat or energy loss, it blocks the flow of air and prevents pollutants from escaping. Ventilation systems help keep the air circulating throughout the home by exchanging stale indoor air with fresher, cleaner outside air.



Choosing an ENERGY STAR® product can help you improve comfort and save money. Get details at [www.itpaystolivesmart.com](http://www.itpaystolivesmart.com).




## Uncomfortable Air

You know when your home's air is too hot or cold. But what you may not realize is that there are other factors that can impact how your air feels:

THE PROBLEM	THE SOLUTION
<b>High Humidity</b> (Relative humidity levels above 50%*)	<b>Variable speed furnace or air handler</b> – Gradually increases speed, allowing enough time to effectively draw moisture from the air. <b>Two-stage cooling</b> – Runs at low speed most of the time, which helps the air handler pull more moisture from the air. <b>SignatureStat™ comfort control</b> – Combines the functions of a humidistat and thermostat into a single device. <b>Humiditrol® dehumidifier system</b> – Works with a variable-speed home comfort system and SignatureStat control to maintain optimal moisture levels.
<b>Low Humidity</b> (Relative humidity levels below 35%*)	<b>Humidification</b> – Humidifiers add moisture to the air, making it easier to breathe – in every room in your home.
<b>Stale or Stagnant Air</b>	<b>Variable speed heating</b> – Improves airflow by varying the amount of air circulated, compensating for factors like dirty filters. <b>Zoning</b> – Divides your home into separate, climate-controlled areas. <b>Ventilation systems</b> – Replace stale indoor air with fresh outdoor air. Also dilute the power of toxic chemicals commonly found in carpeting, draperies and upholstered furnishings.

## Unhealthy Air – Contaminants

Every house is full of dust, but there are many other contaminants that can contribute to poor air quality.

THE PROBLEM	THE SOLUTION
 <b>Odors/Chemical Vapors</b> (Perfumes, cleaning supplies, paints, solvents, pet odors, cooking fumes)	<b>PureAir™ air purification system</b> – Uses patented ultraviolet-light technology and two types of filtration to remove and destroy odors and chemicals.
 <b>Particles</b> (Pollen, dust mites, dirt, pet dander)	<b>Filtration</b> – Captures small particles and keeps them from recirculating back into your home's air. <b>Germicidal light</b> – Provides powerful ultraviolet energy for effective air purification.
 <b>Bioaerosols</b> (Bacteria, viruses, mold spores, fungi)	

\*National studies and Lennox' own indoor air quality experts indicate that, for optimal comfort and health, your home's relative humidity levels should range between 35 and 50 percent.

\*\*Exposure to excessively dry air (relative humidity of less than 20%) can cause respiratory irritation. Source: American Academy of Allergy, Asthma and Immunology

*Ultimately, the best solution is your solution. For a complete list of heating, cooling and air quality systems that match your needs, see your local Lennox dealer or visit us at [www.lennox.com](http://www.lennox.com).*



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