



DAVE LENNOX  
*signature*  
COLLECTION

Indoor Air Quality System



## Humiditrol® Whole-Home Dehumidification System

Total home comfort for optimal indoor air quality and moisture control



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



Innovation never felt so good.™

# Humiditrol® Whole-Home Dehumidification System

Designed to easily integrate with all Lennox® R410A cooling products to provide optimal comfort and indoor air quality\*

Innovative Humiditrol® technology helps reduce humid conditions in the home, reducing the opportunity for mold and mildew problems

Optimized for use with the XC21 air conditioner and XP19 heat pump

Provides ideal comfort when combined with the Harmony III™ zoning system

High levels of humidity can make your home feel sticky and potentially create a breeding ground for mold, mildew, dust mites and bacteria.

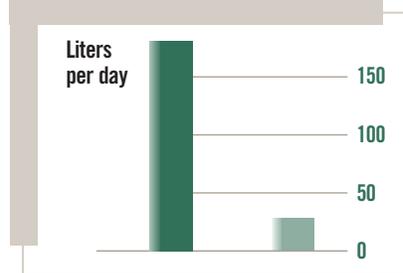
The exclusive, award-winning Humiditrol® Whole-Home Dehumidification System manages the moisture in your home's air for greater comfort and improved indoor air quality. *It's truly indoor air quality you can feel!*

## THE IDEAL CHOICE FOR OPTIMAL MOISTURE CONTROL

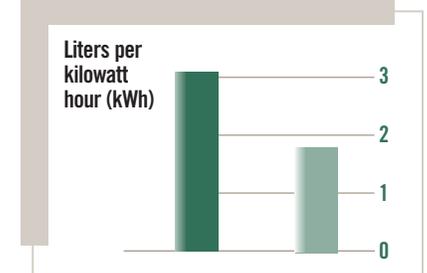
Working with your variable speed central air conditioning system and ComfortSense® 7000 Series Touchscreen Thermostat,\*\* the Humiditrol Whole-Home Dehumidification System controls humidity throughout the home, removing moisture effectively and efficiently. By maintaining optimal humidity, this accessory not only makes your home environment more comfortable—it also helps make it healthier by minimizing the impact of many potential indoor pollutants. Adding the Harmony III™ zoning system can further customize your comfort by dividing your home into up to four temperature zones.

Humiditrol outperforms portable dehumidifiers. Here's how the Humiditrol system compares to a 28.4 liter/day,† ENERGY STAR® qualified dehumidifier:

### MOISTURE REMOVAL RATE†



### OPERATING EFFICIENCY†



■ Humiditrol® EDA-036 with Dave Lennox Signature® Collection XC21-036 and CBX32MV-036 and a ComfortSense 7000 Series thermostat

■ 28.4 liter/day portable dehumidifier with ENERGY STAR® qualifying Energy Factor of 1.80 liter/kWh

## WARRANTY\*\*

5-year limited warranty on covered components.

\*Must be accompanied by either a variable speed air handler or furnace and the ComfortSense 7000 Series thermostat.

\*\*\*ComfortSense 7000 Series thermostat is required for proper operation of the Humiditrol® system on split system air conditioners and heat pumps. ComfortSense 7000 Series will not control the packaged rooftop unit version of the Humiditrol system.

†Performance information is for 82°F outdoor temperature and indoor conditions per ANSI/AHAM dehumidifier test standard DH-1.

\*\*1 liter is equal to 2.11 pints.

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

## BALANCED HUMIDITY FOR A HEALTHIER, MORE COMFORTABLE HOME

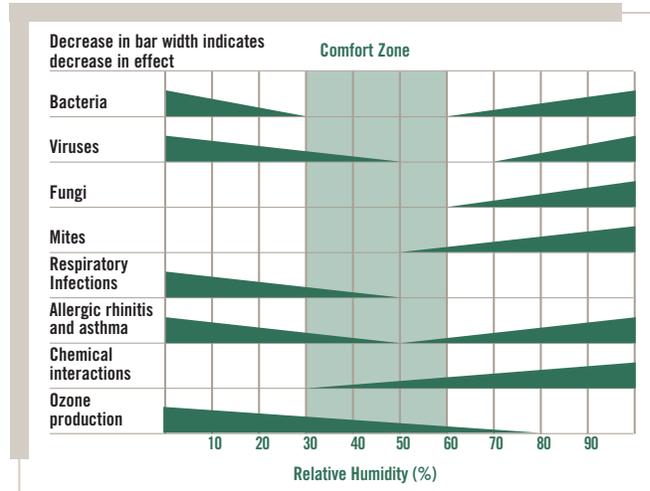
National studies indicate that for optimal comfort and health, your home’s relative humidity levels should range between 30 and 60 percent.

### EFFECTS OF HUMIDITY

	Low Humidity (0–30% relative humidity)	High Humidity (60% relative humidity or higher)
<b>Comfort</b>	Makes you feel cooler than actual temperature Makes you fatigue easily	Air feels warm and damp
<b>Health</b>	Dry skin/throat  Higher risk of bacterial and viral infections and respiratory ailments Joint and muscle pain Sore eyes	Mold, mildew and dust mite growth, which can aggravate allergies and asthma  Can promote the release of chemicals from household materials (e.g., formaldehyde from carpets)
<b>Home</b>	Warping and splitting of furniture and woodwork	Condensation or frost on windows

Depending on the season, the RH (relative humidity) in your home should range between 30% and 60%.

### OPTIMAL COMFORT ZONE



Source: ASHRAE, adapted from Sterling et al., 1985

## Comfortable

### Provides unparalleled cooling comfort

Patented Humiditrol® technology removes moisture from sticky indoor air, making you feel more comfortable, without overcooling your home.

Drier air feels cooler, so you may be able to set your thermostat higher and feel more comfortable.

## Healthier

### Minimizes pollutant growth

As homes become more energy-efficient and more tightly sealed, moisture becomes trapped inside the home. Dehumidification can help balance indoor humidity levels, minimize the potential for mold and other pollutants and create a healthier indoor environment for your family.

## Protection

### Preserve What’s Important

You’ve spent a lot of time and energy making your house into the perfect home. In maintaining the ideal humidity, you protect your investment by preventing wood from cracking and warping, furniture and drapes from suffering mold and mildew damage and by safeguarding all your valuables from excessive moisture.

## Responsible

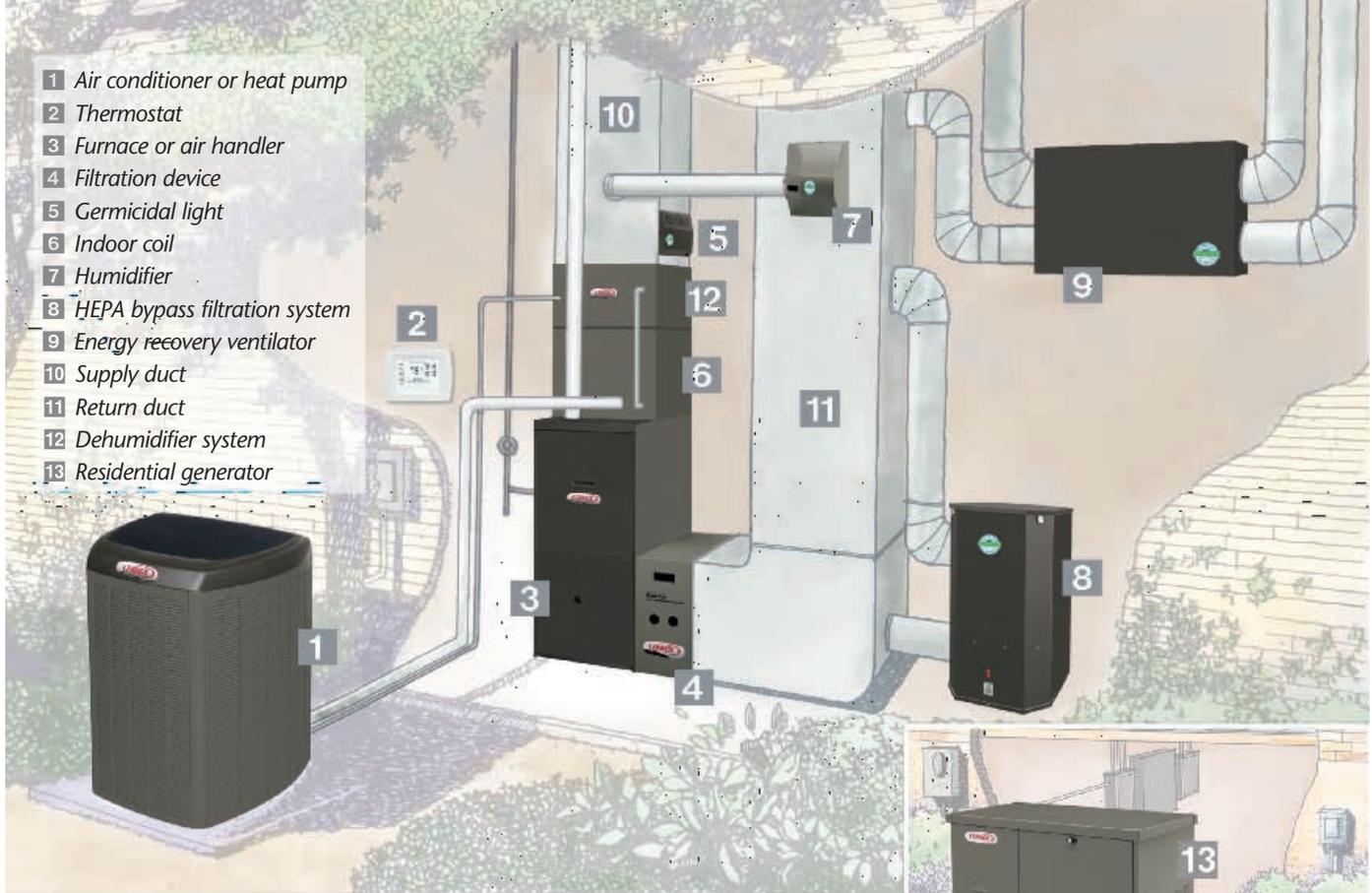
### Optimized for use with the new, EPA-approved R410A refrigerant

Available with select Lennox® cooling systems, the R410A refrigerant meets the EPA’s (Environmental Protection Agency) standards for environmental safety. R410A contains no chlorine, so it’s ozone-responsible.



For every two degrees you raise your thermostat in the summer, you save **5–7%** on your cooling bill.

Source: U.S. Department of Energy



## CUSTOMIZE YOUR COMFORT

Lennox® heating, cooling and indoor air quality products are designed to provide efficient, economical comfort—not only as individual units, but also together as an integrated system. This combined network of products delivers on every comfort count, from consistent temperatures and balanced humidity to improved indoor air quality. Lennox also offers a line of residential generators, which provide safe, reliable standby power in the event of outages.

## 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. We think you'll agree our independent dealers are a big reason you can count on quality customer service whenever you call. Your Lennox dealer's dedication to quality shows in his 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.



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