

**LENNOX**  
Innovation never felt so good.®

*perfect humidity*

DAVE LENNOX  
*signature*  
COLLECTION



Humiditrol®  
Whole-Home  
Dehumidification  
System

Optimal indoor  
air quality  
and moisture  
control

# The ideal choice for improving your home's indoor air.

**Don't watch your comfort evaporate. Get control with Humiditrol®.** Few things affect indoor comfort quite like humidity. When your home has too much moisture inside, the air can feel heavy, sticky and uncomfortable. High humidity levels also encourage the growth of mold, mildew, dust mites and bacteria. Installing a Lennox Humiditrol® whole-home dehumidification system can change your indoor air quality forever, giving you a healthier, more comfortable home. It's a difference you can truly feel.



## **Optimize your humidity, optimize your energy usage.**

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When your air has too much moisture, your home may feel warmer than it actually is. Therefore, by removing excess moisture, you can set your thermostat at a higher temperature and still feel comfortable. That means savings for you, because for every two degrees you raise your indoor temperature during the summer, you can save between 5% and 7% on your cooling bill.\*

## **Properly humidified air is healthier air.**

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Today's better-built, better-insulated homes keep comfortable air inside. Unfortunately, they can also trap moisture inside, where it can contribute to the growth of mold, mildew, dust mites and other airborne pollutants. By properly regulating humidity, you can reduce the impact of these pollutants, allowing your family to enjoy a healthier indoor environment.

## **The whole-home solution that outperforms portable dehumidifiers.**

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When compared to a portable dehumidifier, the Humiditrol system isn't only more convenient, it's also more effective and more energy efficient. Since it's integrated into your existing home comfort system, there are no tanks to empty or cords to trip over.



*nothing affects your comfort like humidity*

## The right humidity levels make all the difference.

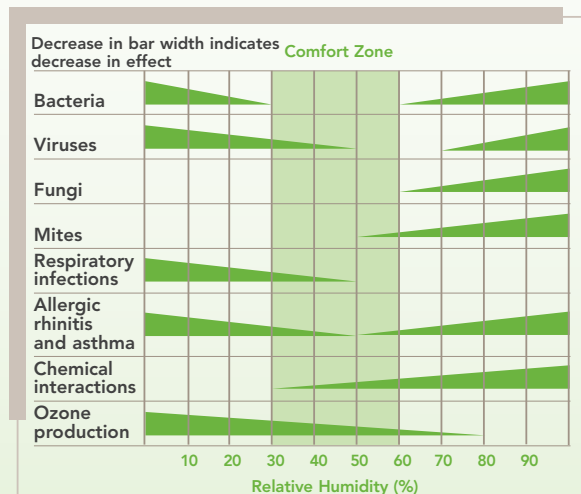
Your air should ideally contain between 30% and 60% humidity. Improper moisture levels can affect your comfort and your health every day of the year, in more ways than you realize.

### Effects of Humidity

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

## A simple, effective way to elevate the quality of indoor air.

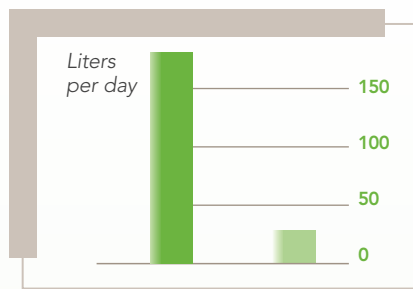
When installed as part of a variable speed central air-conditioning system controlled by an icomfort Touch® or a ComfortSense® touchscreen thermostat\*, your Humiditrol® system automatically controls humidity levels throughout the home. So you can enjoy more comfortable air in every room, and potentially minimize the impact of many common airborne pollutants, without a thought.

## Protect your belongings.

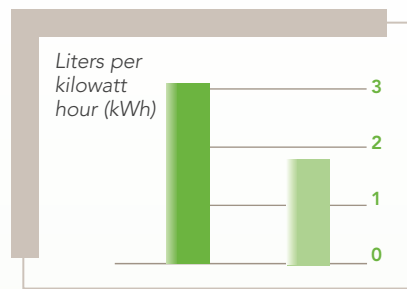
Improperly humidified air not only affects your body, but it can also damage your belongings as it does on your body. Wood can crack and warp. Furniture and draperies can develop mold and mildew. But a Humiditrol system can regulate moisture levels, helping you preserve what's yours.

## Humiditrol performance when compared to an ENERGY STAR® qualified dehumidifier with a capacity of 28.4 liters/day.

### 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

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

## Humiditrol

- Easily integrates with Lennox® cooling equipment
- No ozone emissions
- 5-year limited warranty\*\*



Humiditrol  
Whole-Home  
Dehumidification  
System

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

\*ComfortSense® thermostat is required for proper operation of the Humiditrol® system on split system air conditioners and heat pumps.

The ComfortSense 7000 will not control packaged rooftop unit version of the Humiditrol system.

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



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