



Healthy Climate®

Indoor Air Quality Systems

Whole-Home Dehumidifier

Complete moisture control for a more comfortable living environment





Creating a better home for everyone

Innovation never felt so good.™

Effectively removes excess moisture from the entire home, a single area, such as a basement or crawlspace, or a combination of both

Helps create healthier air by reducing dust mites and mold that thrive in humid environments

Protects home furnishings and wood from moisture damage

Uses environmentally friendly R410A refrigerant

Easier to use and less intrusive than portable units —no need to empty buckets of water!

Designed to easily integrate with your heating and cooling system

Too much humidity in the home is never a good thing. When it comes to comfort, humidity can make the air feel sticky, moist and warmer than the actual temperature. It also creates a haven for mold, mildew, dust mites and bacteria—and that exposes your family to an unhealthy environment that can aggravate allergies, asthma and other respiratory problems. The Healthy Climate® Whole-Home Dehumidifier can tame humidity for greater comfort and enhanced indoor air quality.

Signs your home may need a dehumidifier:

- ◆ Certain areas are always damp
- ◆ Musty odors
- ◆ Cracking or flaking paint
- ◆ Condensation stains on ceilings
- ◆ Sticky or clammy feeling in the air
- ◆ Condensation or frost on windows
- ◆ Peeling wallpaper
- ◆ Air conditioner runs more as you lower the thermostat to feel comfortable

Humidity control for varying conditions

It's also important to remember certain times of day, and months of the year, when humidity levels are higher but the air conditioning isn't running. During these times, excessive humidity can build up in your home:

- ◆ Spring and fall
- ◆ Evening and early-morning hours
- ◆ Rainy or overcast days

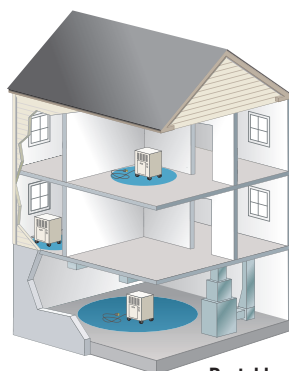
HEALTHY CLIMATE WHOLE-HOME DEHUMIDIFIER VS. PORTABLE UNITS

Portable Units	Healthy Climate Whole-Home Dehumidifier
20–60 pints of moisture removed per day	90 or 135 pints of moisture removed per day
Single-room only	Whole-home, single-zone or combination of both
Buckets to empty	No buckets to empty
Noisy and intrusive, taking up valuable living space	Quiet and integrated

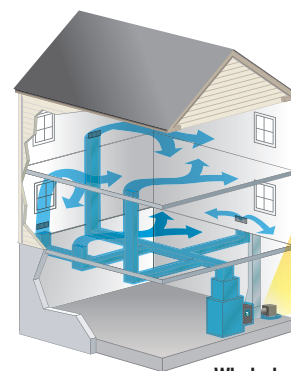
WARRANTY*

5-year limited warranty on covered components.

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



Portable units



Whole-home unit



To provide optimal comfort and health, you would have to purchase a portable dehumidifier for every room of your home. The Healthy Climate Whole-Home Dehumidifier, installed as part of your home's central heating and cooling system, can remove moisture from the entire house, a single area such as the basement, or a combination of both.

BALANCED HUMIDITY FOR A HEALTHIER, MORE COMFORTABLE HOME

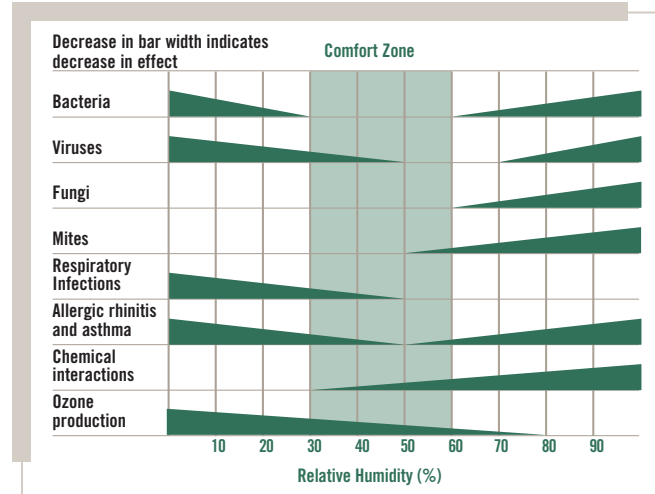
National studies indicate that for optimal comfort and health, your home’s relative humidity levels should range between 30 and 60 percent.

EFFECTS OF HUMIDITY

	Low Humidity (0-30% relative humidity)	High Humidity (60% relative humidity or higher)
Comfort	Makes you feel cooler than actual temperature Makes you fatigue easily	Air feels warm and damp
Health	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)
Home	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

You can eliminate sleepless nights associated with high humidity with the Healthy Climate® Whole-Home Dehumidifier. It helps capture the sticky moisture and redistribute drier air.

This drier air feels cooler, so you may be able to set your thermostat a few degrees higher—and feel more comfortable.

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

Healthier

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

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.

Environmentally Friendly

In addition to reducing moisture, the Healthy Climate Whole-Home Dehumidifier also minimizes environmental impact by using R410A refrigerant. This refrigerant contains no chlorine, so it’s ozone-responsible and better for the environment.





HEALTHY CLIMATE® SOLUTIONS

Whatever problem you're having with your home's air, you'll find the perfect Healthy Climate® solution. When it comes to contaminants like particles and chemicals, there's no better defense than the PureAir™ air purification system. You also have a choice of filtration systems and germicidal lamps, plus products that help balance moisture levels and improve airflow. With so many innovative options for enhancing and customizing the air inside your home, the Healthy Climate collection helps make your home a better place to breathe.



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Visit us at www.lennox.com, or contact us at 1-800-9-LENNOX.

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