



Healthy Climate®

Indoor Air Quality Systems

### **Whole-Home Dehumidifiers**

Complete moisture control for a more comfortable living environment



# Creating a better home for everyone

Innovation never felt so good.™

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

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

Protect home furnishings and wood from moisture damage

Use environmentally friendly R-410A 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. Healthy Climate® offers a complete line of Whole-Home Dehumidifiers that 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:

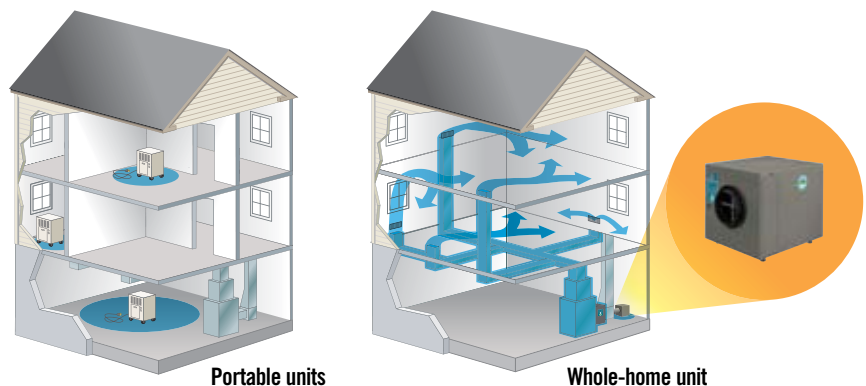
- ◆ Spring and fall
- ◆ Evening and early-morning hours
- ◆ Rainy or overcast days

### HEALTHY CLIMATE WHOLE-HOME DEHUMIDIFIERS VS. PORTABLE UNITS

Portable Units	Healthy Climate Whole-Home Dehumidifiers
20–60 pints of moisture removed per day	65, 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 to central HVAC

### WARRANTY\*\*

5-year limited warranty on covered components.



To provide optimal comfort and health, you would have to purchase a portable dehumidifier for every room of your home. A 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.\*

\*Combination whole-home and single zone available on 90 and 135 pints per day models.

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

## BALANCED HUMIDITY FOR A HEALTHIER, MORE COMFORTABLE HOME

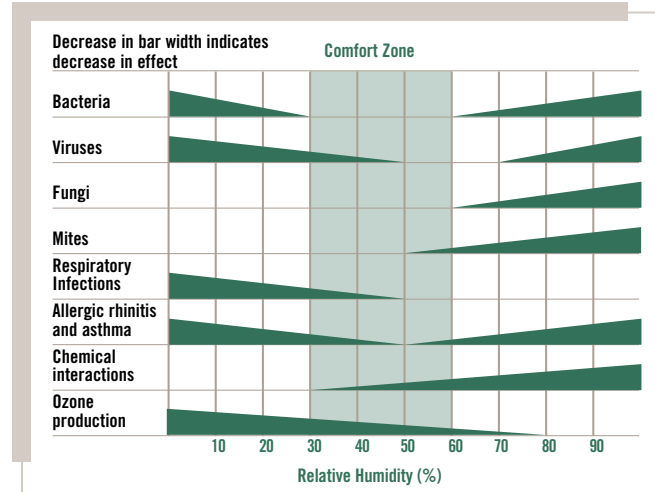
National studies indicate that for optimal comfort and health, your home's relative humidity levels should range between 30 and 60 percent.

### 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

You can eliminate sleepless nights associated with high humidity with Healthy Climate® Whole-Home Dehumidifiers. They help 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 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, Healthy Climate Whole-Home Dehumidifiers also minimize environmental impact by using R-410A refrigerant. This refrigerant contains no chlorine, so it's ozone-responsible and better for the environment.



In addition to using R-410A refrigerant, the 65 pint compact model is ENERGY STAR® rated.



## 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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