



*exceptional inside*



Healthy  
Climate®  
Whole-Home  
Dehumidifiers

Manage moisture  
for comfort, health  
and energy savings

# Proper moisture levels can make or break indoor comfort.

When your air is properly dehumidified, your home just feels better, floor to ceiling. A Healthy Climate® whole-home dehumidifier can give you that feeling every day. It can also help make your air healthier by reducing the number of indoor allergens and pollutants, and can help you save energy throughout the summer by keeping your air comfortable at more economical temperatures.



## Signs of too much moisture.

Sometimes humidity problems are easy to spot. Sometimes they aren't. If your home exhibits any of these issues, a Healthy Climate whole-home dehumidifier can make a difference.

- Areas that are consistently damp
- Musty odors
- Cracking or flaking paint
- Condensation stains on the ceiling
- Sticky or clammy feeling in the air
- Condensation or frost on windows
- Peeling wallpaper
- You must lower your thermostat and run your air conditioner more often to get comfortable

## Better for your family. Better for your home.

- When you install a Healthy Climate whole home dehumidifier, the benefits can be felt and appreciated in every room.
- Lower moisture levels reduce the growth of common indoor allergens and pollutants, including mold, dust mites and mildew.
- Properly dehumidified air protects furniture, draperies and other home furnishings from moisture damage.
- Complete integration into your home comfort system means no portable dehumidifiers in the way, and no tanks to empty.
- Dehumidified air feels more comfortable even at warmer temperatures. So you can set your thermostat to a more energy-efficient temperature without sacrificing comfort.

## It doesn't have to be hot to be humid.

Whole-home dehumidifiers are particularly useful during times when there may be plenty of moisture in the air yet the temperature remains cool enough to prevent your air conditioner from running. For example:

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

Having a Healthy Climate whole-home dehumidifier can preserve your comfort even when your air conditioner can't.



*feel better with less moisture inside*

## Keep moisture where it belongs.

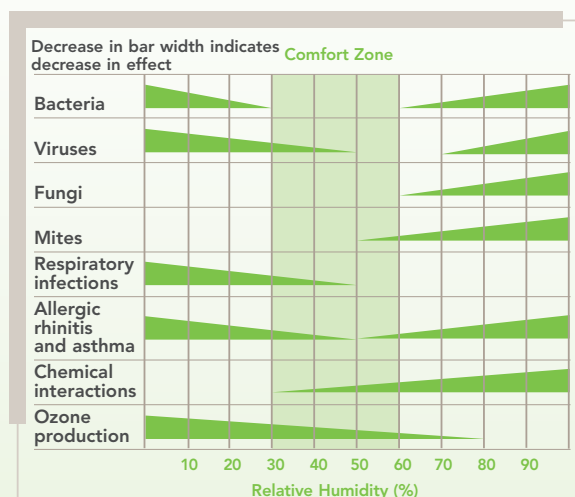
National studies indicate that the air in your home should ideally range between 30% and 60% humidity.

### 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%.

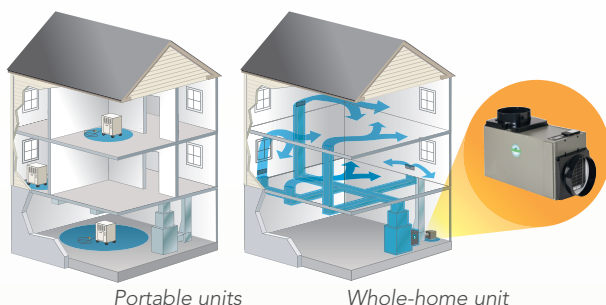
### Optimal Comfort Zone



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

## A whole-home solution makes more sense.

Healthy Climate whole-home dehumidifiers are a smart solution no matter how you look at it. To get the same effect from a portable unit, you'd need to have one running in every room in your home. Furthermore, by adding optional zoning capabilities to your home comfort system, you have the option of dehumidifying individual zones or your entire home at once.\*



Portable units

Whole-home unit

## Moisture control for every area.

Available in three sizes. Healthy Climate® whole-home dehumidifiers effectively remove moisture from your entire home.



**HCWHD-070**

70 Pints per day



**HCWHD-095**

95 Pints per day

**HCWHD-135**

135 Pints per day

## Healthy Climate Whole-Home Dehumidifiers vs. Portable Units

Portable Units	Healthy Climate Whole-Home Dehumidifiers
20–60 Pints of moisture removed per day	70, 95 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

\*Combination whole-home and single zone available on 95 and 135 pints per day models.



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