



Healthy Climate®

Indoor Air Quality Solutions

Whole-Home Humidifiers

Create a more comfortable, healthier home for your family.





Healthy Climate® Whole-Home Humidifiers

Maintain optimal comfort during heating seasons by minimizing problems associated with dry indoor air

Create a healthier home and lessen skin irritation, sore throats and respiratory problems

Protect home and furnishings by reducing risk of wood warping and cracking

Integrate easily with your heating and cooling system

Provide an easier-to-use and less intrusive option to portable units—no need to constantly fill and clean units

As cold air is heated it expands, causing the indoor relative humidity (RH) to decrease. During the heating season, indoor RH can drop down into single digits, similar to the levels of the world’s driest deserts. The resulting dry air absorbs moisture from you and everything inside your home.

THE PROBLEM OF DRY INDOOR AIR

Dry indoor air is not good for your family’s comfort or health. Too little moisture inside your home can cause skin irritation, sore throats and respiratory problems,** not to mention annoying static shocks. It can also damage your home furnishings, making the wood in furniture, floors, framing and other valuable possessions shrink, warp and crack.

The perfect solution to dry indoor air

Healthy Climate® Whole-Home Humidifiers, working together with your central comfort system, help maintain optimal moisture levels. With three capacities and automatic or manual control options, Healthy Climate humidifiers can be trusted to provide the right whole-home solution.

Healthy Climate Whole-Home Humidifiers vs. portable units

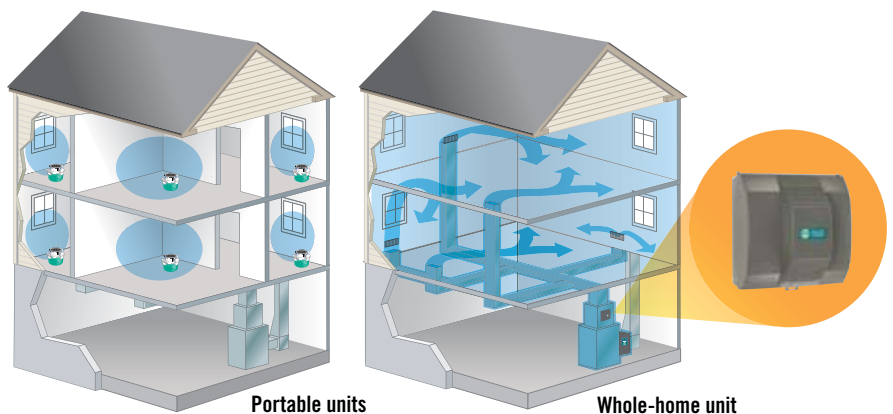
A professionally installed Healthy Climate Whole-Home Humidifier adds the right amount of moisture to your entire home. To achieve the same level of comfort with portable units, you would need to place one in every room of your house. Portable units are more intrusive and require constant filling. They also quickly become clogged with dirt, bacteria and mold, requiring frequent cleaning.

WARRANTY*

5-year limited warranty on covered components.

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

**Exposure to excessively dry air (relative humidity of less than 20%) can cause respiratory irritation. Source: American Academy of Allergy, Asthma and Immunology.



Healthy Climate® Whole-Home Humidifiers provide an integrated solution that is installed as part of your central comfort system, providing a more effective and less intrusive alternative—without the messy inconveniences.

BALANCED HUMIDITY FOR A HEALTHIER, MORE COMFORTABLE HOME

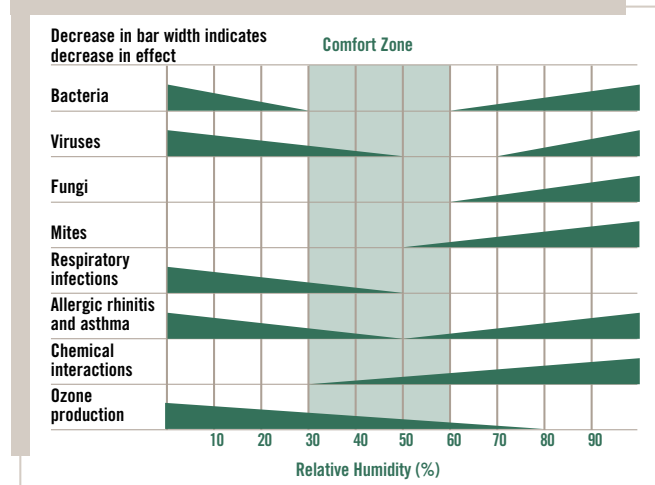
National studies indicate that for optimal comfort and health, your home's relative humidity levels should range between 30 and 60 percent.

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

THE BENEFITS OF HEALTHY CLIMATE WHOLE-HOME HUMIDIFIERS

Comfort – Humidified air feels warmer, and it helps reduce dry skin, chapped lips and static shocks.

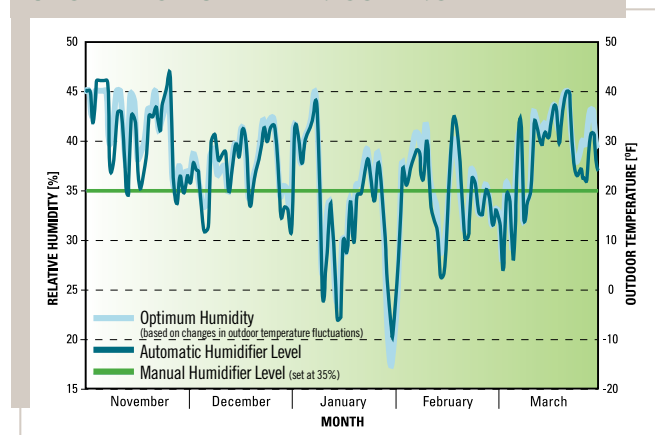
Healthier home – Proper moisture levels help lower risk of respiratory infections.

Protection of home and furnishings – Adequate moisture helps prevent damage to wood in floors, trim, framing, artwork and musical instruments.

Energy savings – By adding humidity to heated, dry air, the air feels warmer, so you can lower the thermostat and still be comfortable, while saving money. The U.S. EPA reports savings up to 4% on heating bills for every degree the thermostat is lowered.

Automatic humidifier control option – Keeps humidity precisely where you need it (see the chart to the right.) Ask your dealer for more details.

AUTOMATIC HUMIDIFIER CONTROL



Shown on this graph, the optimum levels of relative humidity in your home vary as the outdoor temperature changes. A Healthy Climate Automatic Humidifier Control continually monitors and responds to those changes, delivering optimal levels of humidity throughout your home. A manual humidistat, with a standard 35% set range, may be either too low or too high and requires you to constantly make adjustments. You never have to monitor your settings or wait until you feel uncomfortable with the Automatic Humidifier Control.



HCWP3-18 Power Humidifier

- 18 gallons per day
- Equipped with a built-in fan that helps circulate humidified air



HCWB3-17 Bypass Humidifier

- 17 gallons per day
- Uses the air handler or furnace fan to direct humidified air throughout the home



HCWB3-12 Bypass Humidifier

- 12 gallons per day
- Uses the air handler or furnace fan to direct humidified air throughout the home



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.



The Healthy Climate® Collection is the industry's first comprehensive line of ozone-free indoor air quality products.



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