

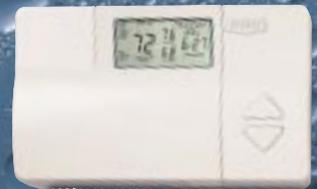


Y E A R - R O U N D  
C O M F O R T

PERFECT HUMIDITY  
SYSTEMS



Perfect  
Humidity



Bryant Controls Humidity and Comfort When Others Can't.

# Perfect Humidity Means Sup

Bryant has been America's choice for enhanced home comfort since 1904. It's a reputation we have built through a company-wide dedication for doing whatever it takes to develop products of the highest quality and reliability. Today, Bryant offers a system no other manufacturer can offer, Perfect Humidity, for enhanced home comfort any time of day or night, all year long.

Perfect Humidity actively monitors and controls both temperature and humidity, the two prime factors in indoor comfort. All home comfort systems provide some level of humidity control as a natural byproduct of heating or cooling operation. Perfect Humidity from Bryant is the only humidity control system that can operate independently of heating or cooling demand.



## WARRANTY

Bryant provides written warranty protection for every product we offer. All of the equipment used to create a Perfect Humidity System is protected with component and whole-product warranties. Ask your local Bryant dealer for details on standard warranties as well as extended warranty programs.



## The Importance of Humidity Control.

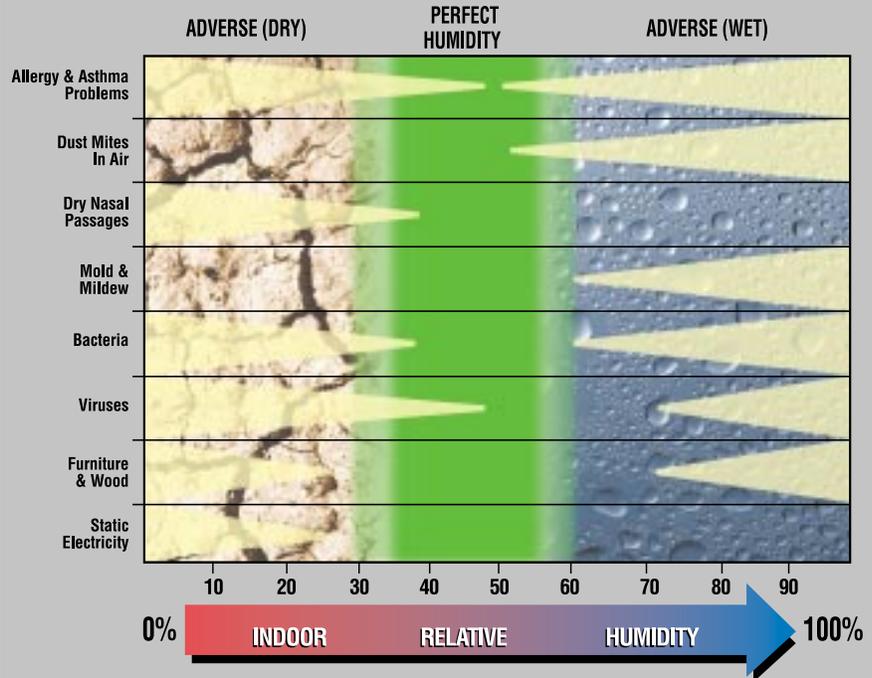
Accurate and reliable humidity control in your home is the key to maintaining comfort, but it goes beyond that. Too much or too little humidity can also affect your health and damage your home's furnishings, painted surfaces and more. Dry air during the heating season can lead to dry skin and nasal passages, growth of bacteria and viruses, static electricity, damaged woodwork and other problems. It makes you FEEL cooler than you are as moisture evaporates from your skin, causing you to turn up the heat.

# Perfect Humidity



High humidity levels during the cooling season can lead to faster growth of bacteria, mold, mildew, viruses and dust mites. It can cause paint to peel, and woodwork to warp, rot or buckle. It can affect comfort by making you FEEL damp or hot and sticky, causing you to reset the thermostat for more cooling. Bryant helps you address these and other problems associated with humidity control all year long by offering the Perfect Humidity system.

## WHY HUMIDITY IS IMPORTANT



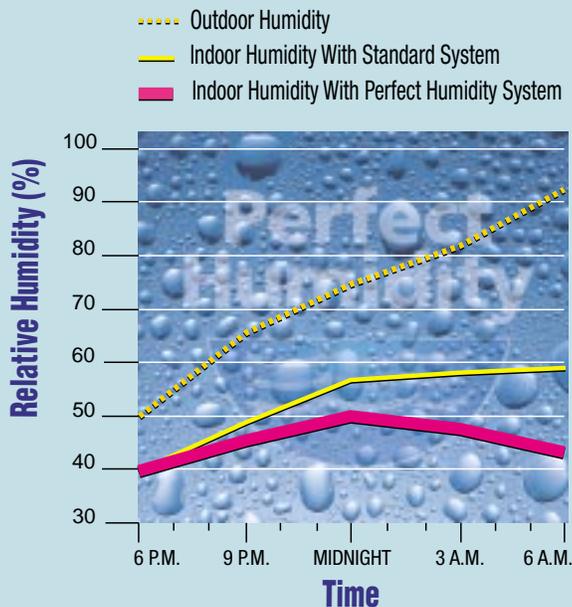
Maintaining relative humidity between 40% and 60% in your home can be the key to avoiding a wide variety of comfort and health issues including dry skin, static electricity, growth of bacteria and mold and airborne viruses and dust mites.

# erior Comfort All Year Long.

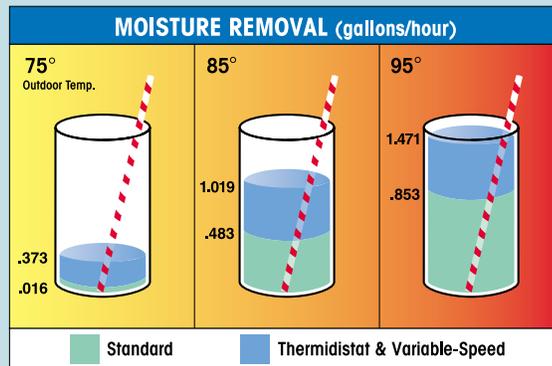
## Perfect Humidity Delivers When Others Can't.

Sure, we love offering performance other manufacturers can't match, but there are practical reasons for humidity control independent of heating or cooling demand. For example, humidity can accumulate in your home at night because cooling operation is not as active as it is during the day. With a standard system that only dehumidifies while cooling, you'll wake up feeling damp and uncomfortable. Here's another example: In many parts of the country outdoor humidity is high but the temperature is typically below 80-85°F. You feel hot and sticky inside, even though the air conditioner is running. That's because humidity builds up faster than the cooling system removes it. When you reset the thermostat for additional cooling and humidity removal, you start feeling cool and clammy. A Perfect Humidity system will monitor these conditions and automatically adjust for the perfect temperature/humidity combination. This performance will allow most people to save on heating and cooling costs because they feel comfortable at higher temperature settings in the summer and lower temperature settings in the winter.

## Night Time Comfort



*During warm months, humidity can build up during the night when there is little need for cooling. That leaves you uncomfortable by morning. Bryant's Perfect Humidity System constantly controls both temperature and humidity.*



*As the summer heats up, the Perfect Humidity System removes more moisture from indoor air to improve your comfort.*

## THERMIDISTAT™ CONTROL



A Perfect Humidity System will include a Bryant variable speed furnace or fan coil; a Bryant air conditioner or heat pump, or a variable speed packaged unit; a Bryant humidifier; and, our patented Thermidistat Control or Zone Perfect *Plus* zoning system. Standard systems can add humidity with a humidifier and a humidistat. Other systems remove extra humidity through slower fan speeds. Those systems require heating or cooling operation, and they require two separate controls – one for temperature and one for humidity. Only Bryant offers the convenience of one interface for precise and automatic temperature and humidity adjustments. Just set your desired temperature and humidity levels on the Thermidistat Control, then enjoy the comfort.

Bryant's Fan On *Plus*™ gives you even more control of your indoor comfort, by allowing you to select your continuous fan speed at the thermostat. You have 3 selections—choose the one that is best for you and your family.

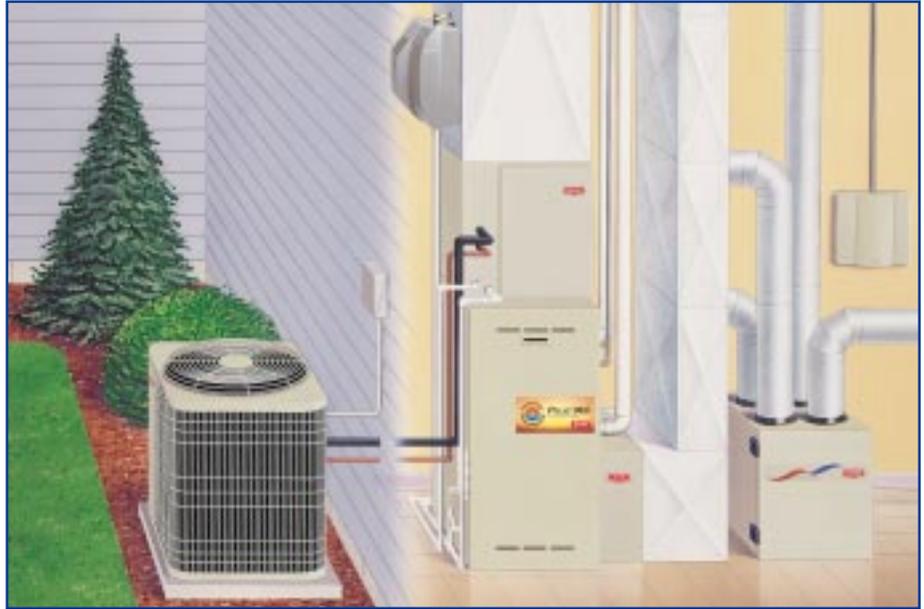
**A Bryant Perfect Humidity System offers four methods of humidity control, while standard systems only offer two humidity control options. Here's how the two systems compare:**

- Humidify While Heating:** Both standard systems and Perfect Humidity systems add moisture to indoor air during heating operation using a humidifier. With Perfect Humidity, the Thermidistat Control automatically adjusts humidity levels to help prevent condensation on windows and doors.
- Humidify Without Heating:** Perfect Humidity adds humidity even when heating is not needed, a function not available with typical systems. As humidity drops, the Thermidistat Control calls for the humidifier and the system's blower to add moisture while bypassing the heating mode.
- Dehumidify While Cooling:** All systems will dehumidify during cooling operation. Bryant's Perfect Humidity system goes one step further by automatically adjusting fan speeds to meet the needs of the home: higher for better cooling performance, and lower for longer dehumidification cycles.
- Dehumidify Without Cooling:** Only Perfect Humidity offers dehumidification even when cooling is not requested. When humidity rises above your pre-set level, the system operates at a very low fan speed to remove moisture when most typical systems would simply allow the humidity to accumulate.

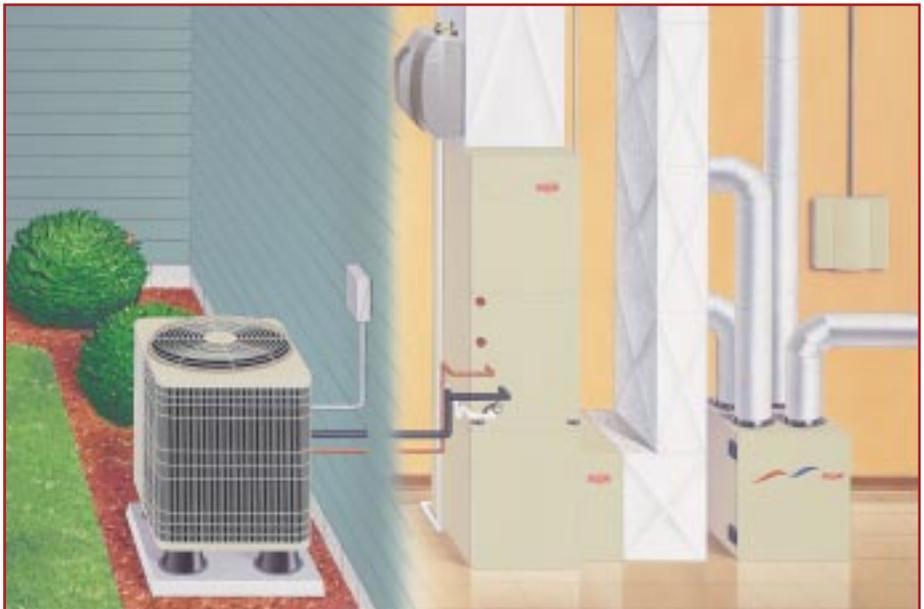
# Bryant Delivers Comfort That Fits.

Every home is a little different. That's why Bryant has always developed products that meet a variety of needs and applications. The Perfect Humidity System is a perfect example. Available as either a furnace/air conditioner or heat pump/fan coil combination, Perfect Humidity is a system that can work in any home where extra comfort and energy efficiency are valued.

Your local Bryant dealer understands the wide-ranging needs of homeowners and offers the ability to work with you to create a system that best matches your requirements. Offering the industry's most comprehensive lineup of furnaces, air conditioners, heat pumps, fan coils, humidifiers, air cleaners, ventilators, system controls and zoning, your local dealer will do whatever it takes to help make you and your family more comfortable.



*A gas/electric Perfect Humidity System includes a matched combination of a Bryant variable speed furnace, air conditioner, humidifier, and our Thermidistat™ Control.*



*An all-electric Perfect Humidity System includes a matched combination of a Bryant variable speed fan coil, heat pump, humidifier and our Thermidistat Control.*



A Member of the United Technologies Corporation Family.  
Stock Symbol UTX.

8110-220

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7310 West Morris Street, Indianapolis, IN 46231

Visit our website at [www.bryant.com](http://www.bryant.com)

Before purchasing this appliance, please read the important energy cost and efficiency information available from your dealer. Manufacturer reserves the right to discontinue, or change, at any time, specifications or designs without notice and without incurring obligations.



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