



# VARIABLE SPEED

A PART OF COMFORTHEAT™ TECHNOLOGY  
AND IDEALHUMIDITY



ComfortHeat  
TECHNOLOGY



IdealHumidity  
SYSTEM



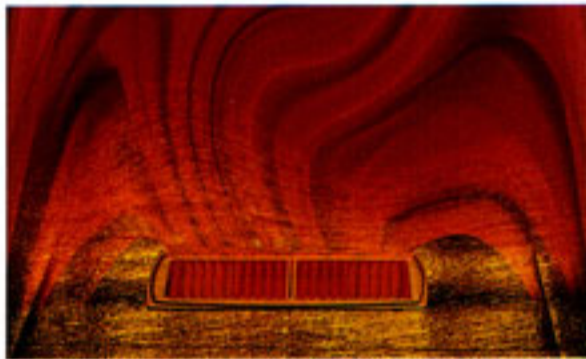
Comfort  
HEAT PUMP SYSTEM

ENHANCED COMFORT AND EFFICIENCY

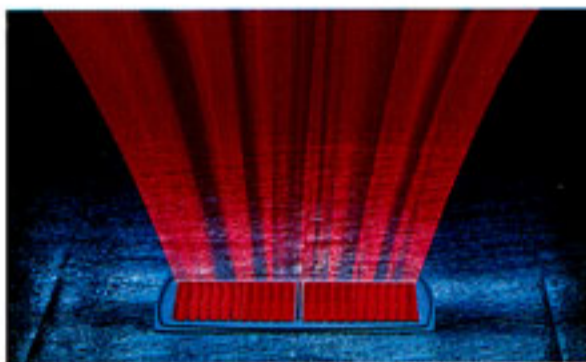
# CARRIER'S VARIABLE SPEED PRODUCTS DELIVER UNMATCHED COMFORT AND ENERGY SAVINGS.

## VARIABLE SPEED OPERATION

You can enjoy the benefits of variable speed comfort if your system includes a variable speed gas furnace or fan coil. Either way, variable speed technology maximizes your comfort by providing quieter, more comfortable heating and cooling cycles. A variable speed system includes a "smart" microprocessor and variable speed motors which work together to maximize comfort and minimize energy use. To achieve this, the system starts slowly, "ramps up" to a higher speed for comfort, then drops down to a lower speed to maintain the comfort levels you have selected. Heated or cooled air is delivered extremely efficiently and quietly, and indoor temperatures remain consistently close to your desired thermostat setting.



Variable speed technology improves air circulation and distribution to provide consistent indoor weather, greater comfort and energy savings. In fact, this technology can significantly reduce temperature swings in your home.



Typical gas furnaces and fan coils deliver heated air in shorter, full-on cycles. Between cycles, indoor air becomes stagnant, allowing warm air to rise to the ceiling, which pushes cool air to the floor. This causes greater temperature variances in your home.



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Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

## COMFORTHEAT™ TECHNOLOGY AND IDEALHUMIDITY

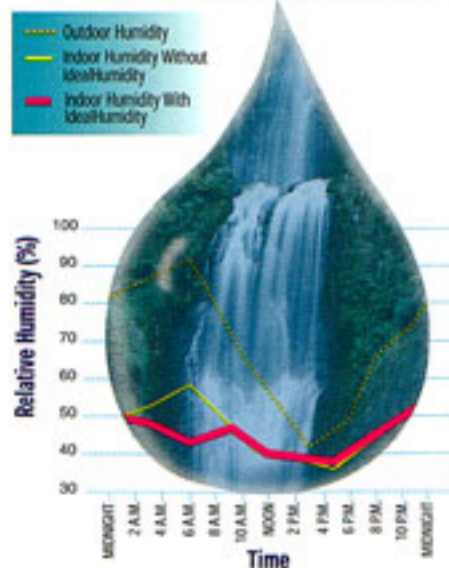
Carrier Systems which incorporate variable speed motors, are part of the ComfortHeat™ Technology family. Carrier's ComfortHeat Technology systems can include either a variable speed fan coil or variable speed furnace with the addition of Carrier's exclusive Thermidistat™ Control or Comfort Zone™ II zoning system. Gas furnaces with ComfortHeat Technology operate on low stage up to 90% of the time to keep indoor temperatures noticeably closer to your thermostat set point. The Comfort Heat Pump System™ delivers air temperatures nearly 20° warmer than an ordinary heat pump. And, both systems also provide dehumidification control during the cooling season and humidification during the heating season, when matched with a Carrier humidifier.

For truly remarkable comfort all year long, create an IdealHumidity System with the addition of a humidifier, our exclusive Thermidistat™ Control and a Carrier air conditioner or heat pump. The Carrier IdealHumidity System works all day and all night to control both temperature AND humidity for the ultimate in comfort. Other systems rely on heating or cooling to control humidity. IdealHumidity from Carrier is the ONLY system that controls humidity even when the indoor temperature does not require heating or cooling operation. Ask your Carrier dealer for details.

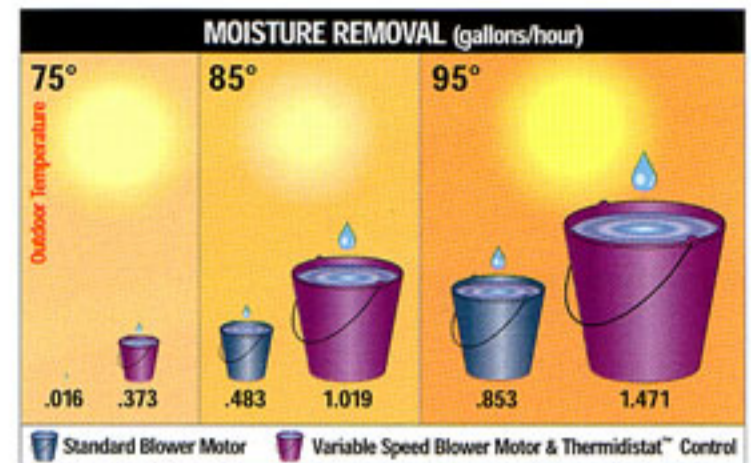


**IdealHumidity**  
SYSTEM

### IdealHumidity System



Humidity can build up during the night when there is little need for cooling. That leaves you feeling "sticky" when you awake. IdealHumidity Systems constantly control both temperature and humidity, day and night, in any season.



As outdoor temperature and humidity rises, the variable speed motor and Thermidistat™ Control provide increased dehumidification inside.

## PEACE OF MIND

You can relax knowing variable speed technology is designed to provide lasting comfort, backed by the innovative leader in indoor weather: Carrier. Carrier's variable speed motors are protected with a 5-year limited warranty. The blower control electronics were developed to last fourteen times longer than previous models. If service or maintenance is ever required, the control portion of the motor can now be replaced, making it faster, easier and less expensive to replace or upgrade. Providing unmatched comfort and superior energy savings, Carrier's variable speed technology utilized by our ComfortHeat Technology systems deliver the comfortable indoor weather you've learned to expect from Carrier.

Most average, fixed-capacity furnaces will consume about 625 watts of electricity under normal operating conditions. Carrier's WeatherMaker Infinity variable speed gas furnace, in continuous fan mode, will use less electricity than a 100-watt light bulb.

