

Variable Speed

A Part of ComfortHeat™ Technology and IdealHumidity™



Turn to the Experts.™

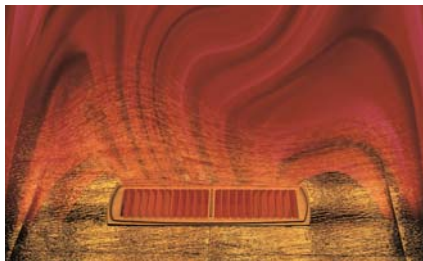


Enhanced Comfort and Efficiency

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 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.

ComfortHeat™ Technology

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 Infinity™ Control, 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 ComfortHeat™ 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.



ComfortHeat™



IdealHumidity™ System

For truly remarkable comfort all year long, create an IdealHumidity™ System with the addition of a humidifier, our exclusive Infinity™ Control or Thermidstat™ 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.



IdealHumidity™

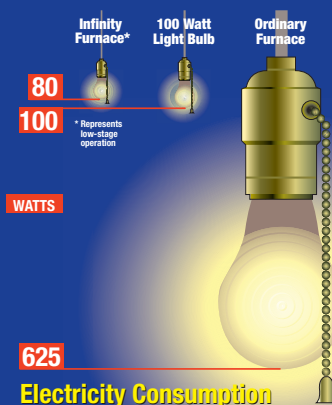
The Infinity™ System

The revolutionary Infinity™ System is the only system in the industry that allows you to control temperature, humidity, air quality, fan speed, and ventilation; and even detects when your air filter needs to be replaced. It's so advanced it automatically adjusts to your system's need for peak efficiency and performance. Add an Infinity™ 18 air conditioner or Infinity™ 17 heat pump and Infinity™ Control to your variable speed furnace or fan coil to achieve the Infinity™ System.

INFINITY™ SYSTEM

Peace of Mind

You can relax knowing variable speed technology is designed to provide lasting comfort, backed by the innovative leader in indoor comfort: Carrier. Carrier's variable speed motors are protected with a five-year limited warranty. Providing unmatched comfort and superior energy savings, Carrier's variable speed technology utilized by our ComfortHeat™ Technology systems deliver the comfort 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 Infinity™ 96 variable speed gas furnace, in continuous fan mode, will use less electricity than a 100-watt light bulb.



Turn to the Experts

Willis Carrier invented air conditioning in 1902. Over 100 years later, we're proud to say Carrier systems are trusted in more homes than any other brand.

Carrier continues to be on the forefront of innovative engineering and unsurpassed standards of excellence. So when choosing a home comfort system, you'll want to turn to the experts. Your Carrier dealer will evaluate your home, such as window placement and size, ductwork, other structural specifics and lifestyle to provide a customized indoor comfort plan designed specifically for you. And when you have an expert helping you make an educated decision, you're going to feel more comfortable.



Turn to the Experts.SM

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