The Future of Comfort Is Here

The Infinity™ System

Carrier®, the industry leader in heating and cooling, introduces another industry first – a system so revolutionary it raises the bar to new heights, delivering unprecedented comfort, ease of use and peace of mind. The Infinity System combines the world’s most technically advanced, yet user friendly control; a variable speed gas furnace or fan coil; and a two-stage air conditioner or heat pump.

The Infinity System is the ultimate for both dealers and homeowners. Installation and service have been dramatically simplified, so that “newer” is actually “better.” And no stone was left unturned in maximizing comfort and user friendliness.

“I think it’s the greatest thing since Puron® refrigerant.”
IdealHumidity™ Is Exactly That

With IdealHumidity, both temperature and humidity are constantly controlled, day and night, in any season.

Humidity can build up inside your home at night when the system is not actively cooling. Because a standard system only dehumidifies while cooling, you may wake up feeling sticky. Or when outdoor humidity levels are high but the temperature is below 80-85º, the air in the home is cooled, but humidity continues to build, leaving you feeling hot and sticky. When you turn down the thermostat for more cooling and humidity removal, you become cool and clammy. IdealHumidity adapts to these and other conditions to maintain the best possible combination of comfortable temperature and correct humidity. As a result, many people will find that they can enjoy higher temperatures in the summer and lower temperatures in the winter to save money on their cooling and heating costs.

With the simple addition of a Carrier® humidifier, the Infinity™ System provides enhanced year-round humidity control independent of heating or cooling demand to provide truly superior indoor comfort and energy savings. Giving Carrier the one system with one control that automatically adjusts operation for the best possible combination of temperature and humidity.

Typical home comfort systems control humidity two ways – with a humidifier during heating and with normal cooling operation. But IdealHumidity controls humidity four ways:

1. Like typical systems, IdealHumidity adds moisture to the air during heating operation with the help of a humidifier. Carrier’s Infinity™ Control adjusts humidity levels automatically to help prevent condensation on windows and doors.

2. Unlike typical systems, IdealHumidity adds moisture even when there is no need for heat. When humidity is low, the Infinity Control activates the humidifier and the system’s blower for humidification without heating.

3. During cooling operation, all systems will dehumidify. To maintain the most comfortable level of humidity, IdealHumidity can automatically decrease fan speed for longer dehumidification cycles, or increase fan speed for the best cooling performance. Unlike other systems, IdealHumidity adapts to the needs of your home.

4. When cooling is not needed, IdealHumidity continues to monitor humidity levels in the home. As moisture in the air climbs above acceptable levels, the system turns on at very low fan speed to adjust humidity even when the Infinity Control is not calling for cooler temperatures.
The Need for Variable Speed

Variable Speed offers consistent comfort and continuous customer satisfaction.

The cornerstone of the Infinity™ System’s high level of comfort and efficiency is the Carrier® variable speed furnace or fan coil, which gently circulates heated air for even, consistent distribution of comfort throughout your home, eliminating hot and cold spots as hot air rises and cool air falls to the floor. Plus, ComfortFan™ gives you the ability to adjust the constant fan speed from the Infinity Control. Partner the variable speed heating unit with a two-speed air conditioner or heat pump featuring environmentally sound Puron® refrigerant, and you have the basics for maximum energy efficiency and comfort all year round.

Carrier variable speed technology maximizes the use of low fan speed to allow the continuous fan to run all year long, while using about the same amount of electricity as a 100-watt light bulb. Offering low fan speed for heating, cooling and continuous fan, this outstanding furnace contributes significant savings in electrical consumption all year long. You get all the benefits of reduced drafts, reduced sound levels, longer cycles, less temperature swings between cycles and less temperature differences between rooms. With the variable speed blower motor, homeowners can now economically run constant fan to help eliminate temperature differences throughout the house and to get better indoor air quality.

By operating at low speed up to 90% of the time to maintain even, consistent temperatures throughout the home, a more continuous flow of conditioned air is created while providing an extra level of comfort with greater humidity control. When additional heating or cooling is required, the system automatically switches to higher speeds of operation to maintain the optimum level of comfort. To make the system work seamlessly, the system automatically adjusts to deliver the best possible combination of comfort and energy savings.

Variable Speed Benefits

- Reduced drafts
- Reduced sound levels
- Longer cycles
- Less temperature swings between cycles
- Less temperature differences between rooms

“I can feel the difference in humidity compared to the Thermidistat™.”
Put Your Customers in Total Control

Meet the brains behind the Infinity™ System.

Now temperature, humidity and IAQ control are all available at the touch of a button in one centralized location. The Infinity™ Control is a revolutionary user interface design that offers unparalleled ease of use. The large, easy-to-read display is information rich. Maintenance reminders and accessory status screens allow the homeowner to keep tabs on their system to maintain peak performance. Navigation is so logical; it's truly intuitive. “Day at a glance” programming and “goof proof” screen prompts virtually eliminate the need for instructions. High, low, medium and auto fan control allows customers to customize air circulation for their individual needs. Non-cryptic, text-based alerts and on-screen troubleshooting information helps service technicians get it right the first time.

“This thing is foolproof.”
Infinitely Easier Installation

The Infinity™ System offers “plug ‘n play and walk away” installation.

Smart design innovations have kept “newer” from being “more complicated.” For example, today’s standard premium systems can have up to 31 wiring diagrams, 30 thermostat setups and 10 equipment setups. Not only can this be confusing for the technician, it leaves a lot of opportunity for error. The Infinity System has simplified installation down to one wiring diagram with automatic configuration and easy, four-wire, color-coded connections. Combined, these features virtually eliminate installer related callbacks.

Another “so simple, it’s brilliant” solution is the automatic duct assessment that measures and displays the airflow capacity to each zone and helps to compensate for individual duct configurations.

Standard System

Infinity System

“It actually sets up itself, so you don't need that technical skill so much on the installation.”
Accessories to Success

The optional components for optimal comfort.

Humidifiers

Adding moisture to the air inside your home improves the quality of the air that you breathe. Dry indoor air can increase the possibilities of catching or transmitting cold and flu viruses and can reduce the efficiency and effectiveness of your heating system. Dry indoor air is also often the culprit for such common problems as itchy or cracked skin, eye irritation, dry, stuffy nasal passages and damaged woodwork in your home. All of these problems can be alleviated with the help of a Carrier® humidifier. With three different humidifiers to choose from, Carrier enhances the ability to control system efficiency and effectiveness. By putting moisture back into the air, a humidifier allows end-users to remain comfortable at a lower heating temperature for lower energy use and greater operating efficiency with a model designed to fit specific needs.

Air Cleaners

Most of us spend more than 90% of our time indoors. And since dust, dirt, pollen, molds and other contaminants are often recirculated throughout the home, it’s very important to consider air quality when building an indoor comfort system. Carrier air cleaners provide homeowners with an impressive cleaning efficiency and low pressure drop, which helps reduce unit and system operating costs. As an important component of the Infinity™ System, the Infinity™ Air Purifier can enhance the efficiency, durability and performance of the overall system, while improving your indoor comfort. Carrier also offers high-efficiency electronic air cleaners, and media filters, including our patented EZ Flex filters. And with the Infinity System’s TrueSense™, the system can actually detect when the filter is dirty, so it’s not merely a timed change.
**UV Lights**

Air cleaners and filters trap airborne particles. But Carrier® UV Lights go one step further, using ultraviolet light to actually destroy those particles where they can create problems. Mounted inside the Infinity™ System near the indoor coil, small lamps direct UV light to the source of potential fungal and microbial growth. Once activated, the UV Light goes to work right away, cleaning the indoor coil. As a part of a complete system, Carrier UV Lights enhance indoor air quality.

**Zoning Kits**

Gain infinite control with Infinity™ Zoning, a zoning system capable of controlling up to eight zones. This system allows the homeowner to control the living environment in an individualized and energy-efficient way. Temperature settings will change automatically on schedule to reflect occupancy or usage. Furthermore, it enables the IdealHumidity™ System by monitoring temperature and humidity at the same time. You'll also benefit from the automatic duct assessment and programmable fan.

**Remote Access**

Now selecting comfort settings is as easy as dialing the phone or clicking on the World Wide Web. With two-way wireless remote access, the Infinity System can be set via any phone or any Internet server. You can connect up to four homes, so on vacations your homeowners can turn their home system down and their lake cottage system up all while backing out of the driveway. There's even an emergency callout feature that alerts them to trouble, giving them the peace of mind while they're away.
The Dealer’s Best Option

Now you have the upper hand.

The Infinity™ System is truly the dealer’s best friend. It’s infinitely easier to install, start up and service, while offering industry exclusives unmatched by the competition. On-screen service prompts that include the dealer name and phone number virtually assure a customer for life.

Homeowners will experience comfort, peace of mind, reliability and user friendliness they could only dream of with features like TrueSense™ dirty filter detection and wireless remote access via telephone or computer.

In the Dealer’s Best Interest

- At least 10% greater savings on installation time
- Easier to service
- Automatic configuration
- Increased customer loyalty and satisfaction
- System-wide diagnostics
- No more DIP switch settings
This System Can’t Be Beat

A top-of-the-line product that feels like a top-of-the-line product.

The Infinity™ System has no equal on any level. Dealers can make more margins and experience infinitely easier installations. Homeowners get the ideal comfort benefits they expect from Carrier®, with a kind of total control they wouldn't expect from anybody. Infinitely powerful, yet extraordinarily simple, the Infinity System delivers a thoughtful blend of dealer and homeowner benefits that could only come from the industry leader.

“I'm really happy with the Infinity System, and I know I can sell it because I've had one in my own home.”