


# Infinity® ICS Gas Furnace with IdealComfort™ Technology



turn to the experts™ 

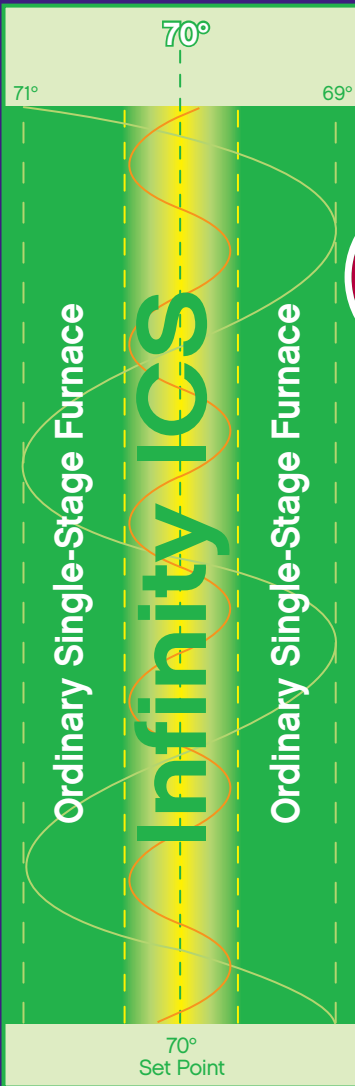
## INFINITY™ SERIES



As an ENERGY STAR® partner, Carrier Corporation has determined that the Infinity ICS gas furnace meets ENERGY STAR guidelines for energy efficiency.

High-Efficiency Gas Furnace with up to 95.0% AFUE

## Efficiency



UP TO  
**95.0%**  
AFUE  
RATING

## High-Efficiency Gas Furnace Designed with Your Comfort in Mind



Carrier's modulating Infinity<sup>®</sup> ICS gas furnace minimizes temperature "swings" to deliver comfort within a tighter range of degrees from your set temperature.

## Greater Operational Efficiency

Annual Fuel Utilization Efficiency or AFUE is like gas mileage. The higher the gas mileage or AFUE rating, the more efficient the automobile or system is. While an ordinary furnace will consume 625 watts of electricity during heating operation, most Infinity ICS models use less than a 100-watt light bulb.

- When you combine our gas efficiency rating of up to 95.0% AFUE and the extremely efficient use of electricity, the Infinity ICS is one of the most energy efficient furnaces currently available. In fact, you can save up to \$345 annually\* in energy costs compared to a typical standard furnace you may be replacing.
- As an ENERGY STAR<sup>®</sup> partner, Carrier Corporation has determined that the Infinity ICS Gas Furnace meets the ENERGY STAR guidelines for energy efficiency.



\*As compared to a previous Carrier<sup>®</sup> model.





# Things to Consider Before You Buy

## IdealComfort™ Technology

Carrier, the world's innovative leader in indoor comfort technology is at it again. This winter, when temperatures outside start to fall, you can enjoy amazingly consistent comfort inside with our Infinity® ICS gas furnace. Ordinary furnaces warm your home with full-speed blasts of hot air followed by idle periods of dropping temperatures. The Infinity ICS



*IdealComfort*™

with IdealComfort technology monitors indoor conditions and accurately predicts the need for heating to dramatically reduce those up and down temperature swings. Delivering a nearly continuous flow of warm, heated air, the Infinity ICS maintains temperatures within an extremely tight range of degrees of your thermostat's setting. That means consistent comfort you can really enjoy.

## Comfort

Carrier specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. Your Carrier® dealer can help you choose the best system for your home including Carrier-exclusive features that further enhance your indoor environment.

- The revolutionary Infinity® System is the only system in the industry that allows you to control temperature, humidity, air quality, fan speed, ventilation, and even detects when your air filter needs replacing. It's so advanced it automatically adjusts to your system's needs for peak-efficiency and performance.
- Add a Carrier Infinity® Control and the Infinity ICS features SmartEvap™, which can keep unwanted humidity in your home to comfortably low levels.
- The Infinity ICS modulating furnace combines intelligence, a vari-phase gas valve and a multi-speed delivery system to quietly move heated air into your living spaces. Operating at low speed 83% of the time, it's an extra-quiet addition to your home.
- ComfortFan™ gives you even more control over your indoor comfort by allowing you to select your continuous fan speed at the Infinity Control.
- Bothered by that dry, "sticky" feeling in the winter or that muggy feeling in summer? Add a Carrier humidifier and Infinity Control to your heating and cooling system.

Ideal Humidity System® technology helps control your home's humidity level.



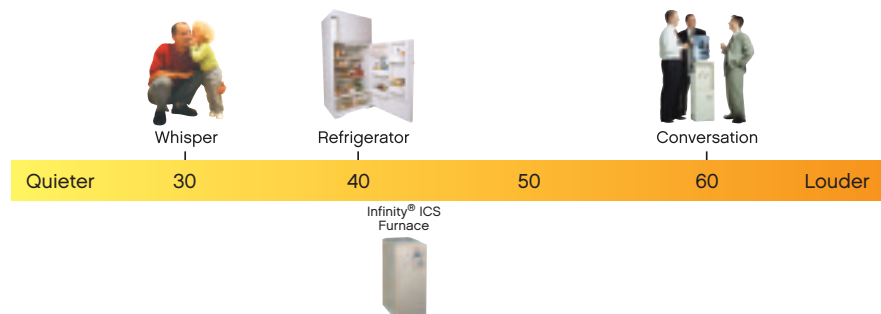
*IdealHumidity*™

## Sound

Carrier furnaces are designed for quiet operation. The variable speed fan allows this system to operate in the lowest possible setting for 90% of the heating season. Not only does this feature help to minimize sound, it also helps you save on your utility bills. And for what little sound a Carrier system does make, a sealed combustion system and insulated cabinet help to further isolate sound levels at its source. At Carrier, we believe home comfort shouldn't be at your ears' expense.

## Comparative Sound Ratings

(decibels)



Carrier manufactures gas furnaces that are among the quietest in the industry. We test our products in a sound laboratory specifically built to resemble a typical residence. Sound level recordings produced at steady state, low fire operation (the most common operating condition), measured 3 feet from furnace. Other sound levels, mentioned for comparison, as published at <http://www.nidcd.nih.gov/health/hearing/ruler.asp>.

# Carrier® Systems for Unmatched Performance

**Humidifier** replenishes moisture to dry air.

**Evaporator Coil** allows the refrigerant to absorb heat from the air as it passes over the coil surface. The evaporator coil is located with the indoor unit and is also referred to as the indoor coil.

**Gas Furnace** provides reliable, high-efficiency heating for long-lasting comfort and energy savings.

**Air Cleaner** improves air quality by removing harmful and irritating airborne pollutants from your home.

**Ultraviolet Germicidal Lamp** inhibits the growth of contaminants on the indoor coil, leaving your home with cleaner, fresher indoor air.

**Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality and maximum efficiency – great for today's tightly constructed home.

**Zoning** sets different temperatures for up to eight different areas of your home for truly customized comfort and enhanced utility savings.

**Air Conditioner** provides reliable, high-efficiency cooling for long-lasting comfort and energy savings. Ask about environmentally sound Carrier air conditioners with Puron® refrigerant.

**Infinity® Control** is the interface to the Infinity® System. The Infinity System is the only system in the industry that allows you to control temperature, humidity, air quality, fan speed and ventilation.



## Reliability

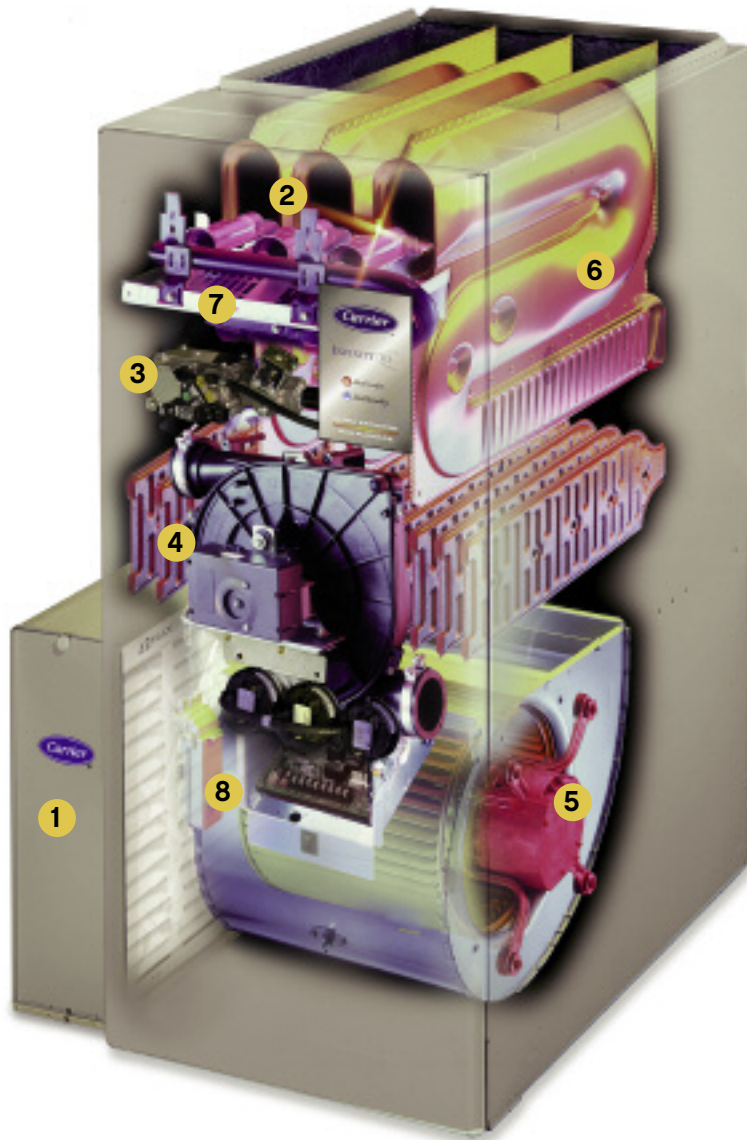
At Carrier, your comfort is our business. That's why we have one of the most extensive product research and development facilities in the world. Within every step of the development process, from the design phase to finished products, we test each and every product to exceed industry standard requirements. In fact, Carrier engineers test the reliability of the heat exchangers to over 200,000 cycles. That's more than six times the industry's standard of 30,000 cycles.

## Safety

Built by the most trusted name in the industry, Carrier furnaces heat safely within your home. Carrier pioneered the following safety innovations:

- Hot surface ignition system eliminates the need for a pilot light, reducing gas usage and promoting worry-free operation.
- The control board constantly monitors the safety devices during heating operation. If a safety device activates for any reason, the furnace will cease operation and a status code will be displayed on the furnace control board, alerting you to any potential problems.

INFINITY™ ICS



## Technology

- 1 Optional air cleaner cabinet** – allows for the easy and convenient addition of a Carrier high-efficiency air filter for enhanced air quality.
- 2 Burner ignition** – as one of the most robust and durable ignition systems available, Power Heat™ hot surface ignition replaces pilot lights and reduces utility consumption.
- 3 Modulating-stage gas valve** – provides multiple heating capacities. The low capacity works during milder days while the high capacity engages during colder temperatures.
- 4 Variable speed inducer** – precisely controls air intake within the combustion system for high-efficiency performance.
- 5 Variable speed blower motor** – ensures consistent airflow and temperature maintenance, helping to keep rooms more comfortable while improving air quality.
- 6 Two heat exchangers** – extract heat from the gas you use and transfer it to warm the air. The primary heat exchanger extracts 80% of the heat while the secondary heat exchanger extracts an additional 12 – 16%, helping to ensure efficient, reliable performance.
- 7 Sealed combustion system** – reduces cold air infiltration while providing quieter operation.
- 8 Infinity® furnace control board** – allows the unit to connect to an Infinity® Control for the ultimate comfort control. Smart electronics keep track of previous cycles and allow the system to automatically adjust the heating and cooling stages for the best comfort and energy efficiency.



## Limited Warranty

To the original owner, the Carrier® Infinity® ICS gas furnace is covered by a 10-year parts and lifetime heat exchanger limited warranty upon timely registration of your new equipment.\* The secondary heat exchanger carries a 20-year labor limited warranty. Ask your Carrier dealer about optional extended warranties, which may include labor.

\* Warranty period is a five-year on parts and 20-year on heat exchangers if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty and a lifetime parts limited warranty on the heat exchangers. See warranty certificate at [carrier.com](http://carrier.com) for complete details.





## 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™ 

[www.carrier.com](http://www.carrier.com)

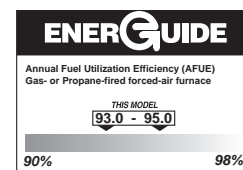
1-800-CARRIER

A member of the United Technologies Corporation family.  
Stock Symbol UTX.

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Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.  
Model 58MVC



Always look for these symbols, the home heating industry seals of certified performance, efficiency and capacity.