

# Infinity<sup>®</sup> 96

Gas Furnace with Comfort Heat Technology<sup>®</sup> Feature



turn to the experts<sup>™</sup>



INFINITY<sup>®</sup> SERIES

Extra-Efficient Gas Furnace  
with up to 96.7% AFUE



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[energystar.gov](http://energystar.gov)

## Innovation and the Environment

Over 100 years ago, a humble but determined engineer solved one of mankind's most elusive challenges by controlling the indoor environment. A



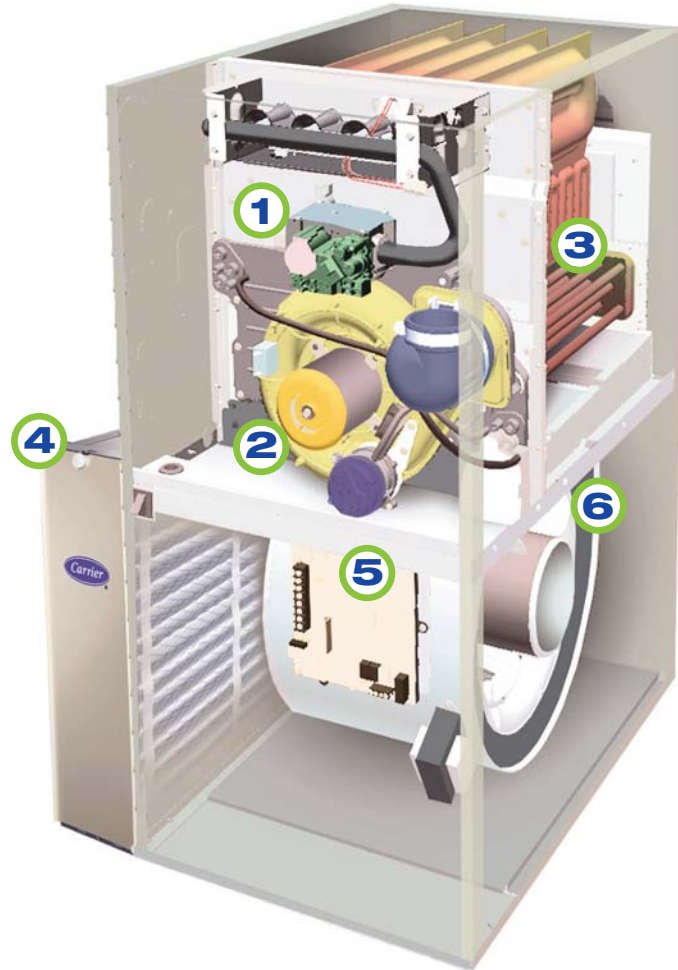
leading engineer of his day, Dr. Willis Carrier would file more than 80 patents over the course of his career. His genius would enable incredible advancements in health care, manufacturing processes, food preservation, art and historical conservation, indoor comfort and much more.

Carrier's foresight changed the world forever and paved the way for over a century of once-impossible innovations. Yet in addition to being an accomplished inventor, he was also an avid outdoorsman. Carrier recognized the power and beauty of the natural environment. This appreciation of our world and its resources continues to guide Carrier Corporation today. We will never rest on our accomplishments, but instead consistently look for ways to improve our products, our environment and our world.

The Infinity® 96 gas furnace with Comfort Heat Technology® feature continues the Carrier® story with high-efficiency heating, responsive performance, and customizable comfort you can really enjoy.



## Leaders in Technology



As an ENERGY STAR® partner, Carrier Corporation has determined that the Infinity 96 gas furnace meets ENERGY STAR guidelines for energy efficiency.

Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your dealer for details or visit [www.energystar.gov](http://www.energystar.gov).



## 1 Heating Capacity That Fits Your Needs

To better match the heating needs of your home, our two-stage gas valve offers low-stage heating for milder days while high-stage heating engages during colder temperatures. You will enjoy high-efficiency comfort as a result.

## 2 Efficient Comfort and Savings

The two-speed inducer fan controls air intake within the combustion system to ensure energy-efficient performance based on high and low heating needs.

## 3 Optimized Gas Efficiency

Heat exchangers are vital to your comfort and the efficiency of your furnace because they extract heat from the gas used. The Infinity® 96 uses two heat exchangers to optimize efficiency. Our primary heat exchanger does most of the work. Then, our secondary heat exchanger pulls additional heating energy from operation to maximize efficiency and provide soothing comfort.

## 4 Enhanced Indoor Air Quality

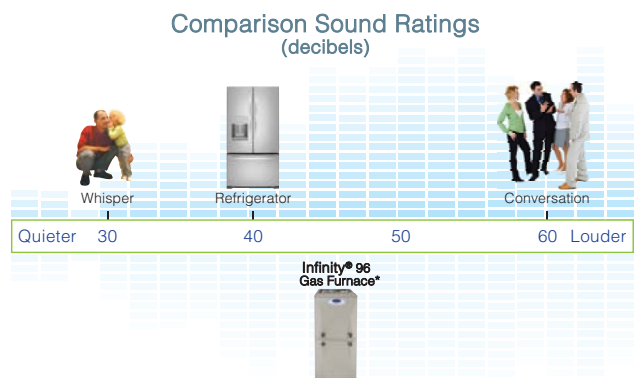
The optional air cleaner cabinet allows for the easy addition of a Carrier® high-efficiency air filter for improved indoor air.

## 5 Intelligent Comfort Control

Carrier's smart electronics keep track of previous cycles and allow the system to automatically adjust heating stages for the best combination of comfort and energy savings. Additional comfort-enhancing functions include ComfortFan™ technology which allows you to select furnace fan speeds from the Infinity Touch Control and SmartEvap™ technology for added moisture control.

## 6 Extra-Quiet Operation

It starts with our variable-speed blower which distributes heated air at the lowest possible setting for the majority of the heating season. You benefit with sound reduction in addition to consistent indoor comfort. Add our two-speed inducer motor and insulated cabinet and you will enjoy the comfort of extra-quiet operation.



\*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, single-stage operation (the most common operating condition), measured three feet from furnace. Other sound levels, mentioned for comparison, as published at [http://www.noisyplanet.nidcd.nih.gov/SiteCollectionDocuments/Bookmark\\_2up.pdf](http://www.noisyplanet.nidcd.nih.gov/SiteCollectionDocuments/Bookmark_2up.pdf).



## Limited Warranty

To the original owner, the Carrier Infinity 96 gas furnace is covered by a 10-year parts and lifetime heat exchanger limited warranty upon timely registration. The limited warranty period is five years for parts and twenty years for the heat exchanger if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty periods. See warranty certificate at [carrier.com](http://carrier.com) for complete details and restrictions.



## It's About Your Comfort

The Carrier® Infinity® 96 gas furnace represents years of design, development and testing with one goal in mind – making you more comfortable. We have taken the lead in creating new technologies that deliver the comfort and efficiency you deserve while staying ahead of industry trends and global initiatives.

Comfort Heat Technology® feature is Carrier's answer to smoothing out heating cycles so you can stay consistently comfortable as conditions change. This feature accurately predicts the need for heating based on previous furnace



cycles to effectively reduce temperature swings. It's a much more comfortable and efficient system than single-stage furnaces that deliver heating in full-force blasts followed by idle periods of falling indoor temperatures.

All year long, humidity affects the temperature at which you feel most comfortable. That's why Carrier Ideal Humidity System® technology plays such an important role in your comfort. When you add the Infinity Touch Control, Carrier humidifier and a matching Carrier air conditioner or heat pump



to the Infinity 96 gas furnace, Ideal Humidity System technology gives you enhanced control over humidity levels for greater comfort even when your system isn't calling for heating or cooling.\* You'll feel cooler at higher temperatures in the summer and warmer at lower temperatures in the winter.

The Carrier HYBRID HEAT® dual fuel system delivers peace of mind to homeowners concerned about the unpredictable nature of utility costs. This system pairs the Infinity 96 gas furnace with an electric heat pump and Infinity Touch Control to provide comfort, economy



and flexibility. Your Carrier HYBRID HEAT dual fuel system will automatically switch between electric and gas heating as needed to keep your home comfortable all winter long while optimizing the efficiencies of each fuel source.

\*Ideal Humidity System technology continually monitors indoor humidity, indoor temperature and outdoor temperature, and has the ability to turn on your comfort system just for dehumidification in the cooling season.

## Uncompromising Quality

You don't lead an industry for more than 100 years by accident. Carrier has maintained its position and reputation through diligent, uncompromising quality control at every stage of a product's life – from concept to completion. Once our product is installed at your home, you can be confident that durable construction and built-in reliability features ensure your comfort for years to come.

- Built-in reliability: Intelligent electronics continuously monitor system operation to ensure proper operation. Our Power Heat™ hot surface ignition is one of the most robust and reliable. And, routine maintenance reminders from the Infinity Touch Control help you keep the system operating at its best.
- Durability: The Infinity 96 gas furnace is built to last with 20-gauge steel doors and cabinet.



Carrier gives you ultimate command of comfort, performance and energy savings when you include an Infinity Touch Control, Infinity heat pump or air conditioner and Carrier humidifier to create an Infinity system. This system provides unprecedented control of not only temperature, but also humidity, dehumidification, fan speed, weekly comfort schedules and more. This smart system can even monitor operation and maintenance items and provide service reminders such as when it's time to change the filter.

## What Efficiency Means to You

Furnaces use gas to provide warm, comfortable heat for your home. You can compare efficiencies of different furnace models by checking the AFUE (Annual Fuel Utilization Efficiency) ratings, available through your Carrier dealer or manufacturer web sites. The published ratings provide a standardized method for comparing how much heating performance you get for the gas you use.

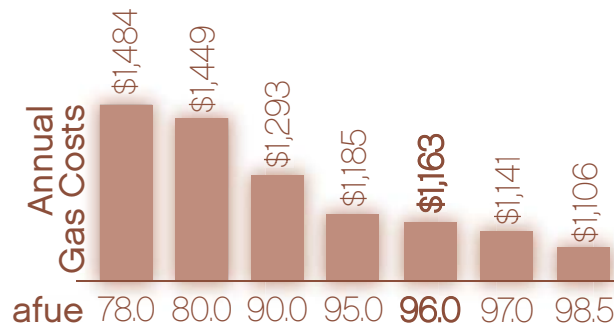
Using these ratings is a lot like miles per gallon for your car – the higher the number, the more efficient the product and the greater potential for savings. Actual furnace performance will vary based on the age and condition of your home, personal comfort preferences, weather patterns in your area and much more.

So when you are comparing furnaces, be sure to look at AFUE ratings before you make your decision.

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



### Greater Operational Efficiency



The Infinity® 96 gas furnace offers plenty of potential for annual savings with outstanding gas efficiency. Compared to today's minimum efficiency models, the Infinity 96 can deliver estimated savings of about \$286 annually on your gas costs.† If you are replacing an older furnace, you can save even more. Variable-speed blower and inducer motors contribute electrical savings as well to complete the utility savings story.

† Based upon a residence in St. Louis, MO requiring a 50,000 BTUH heating load. Op cost version 3.0.4107.22653.



The Infinity 96 gas furnace with Comfort Heat Technology® feature delivers extra high-efficiency, converting up to 96.7 cents of every dollar spent on gas into heated air for your home. Standard furnaces can waste up to 20 cents or more per dollar.

# Carrier® Systems for Unmatched Performance in Every Season

Willis Carrier's meticulous attention to quality and detail led to a major culture shift in the way we live indoors. More than a century later, Carrier Corporation operates with a unique willingness to develop new technology, the confidence to revise proven designs and the ability to deliver results with every new installation.

Part of that equation is our nationwide network of experts you can turn to for all of your indoor comfort needs. Your local Carrier dealer is well equipped to evaluate your home – everything from size, window placement, ductwork, venting and other structural specifics – and create a customized system designed around your lifestyle. So when it's time to make a choice for your family's comfort, make the best decision you'll ever make – Carrier – and let the experts do the rest.



- A. Air Conditioner
- B. Gas Furnace
- C. Evaporator Coil
- D. Air Purifier
- E. Ventilator
- F. Humidifier
- G. Zoning
- H. UV Lamp
- I. Infinity Touch Control

## The Total Indoor Comfort System

**Infinity® Air Conditioner** provides reliable, high-efficiency cooling for long-lasting comfort and energy savings.

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

**Evaporator Coil** is matched with the proper outdoor unit to provide top cooling efficiency and years of reliable service.

**Infinity Air Purifier** improves air quality by capturing and killing airborne bacteria and viruses and other irritating airborne pollutants in your home.

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

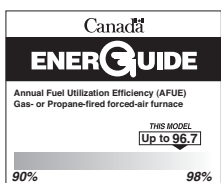
**Humidifier** replenishes moisture to dry air.

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

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

**Infinity Touch Control** is more than just a thermostat. It's your interface to the Infinity system that allows you to control temperature, humidity, air quality, fan speed and ventilation.

Model 59TN6  
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Always look for these symbols, the home heating industry seals of certified performance, efficiency and capacity.

Always Ask For  
**FACTORY  
AUTHORIZED  
PARTS**

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

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



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