Carrier

Turn to the experts



# INFINITY® 80 GAS FURNACES WITH COMFORT HEAT TECHNOLOGY®

## Enjoy enhanced comfort with 80.0% AFUE

Models 58TN0, 58TN1



# Designed with Your Comfort in Mind

Innovation, efficiency, quality: Our Carrier Infinity 80 gas furnaces offer intelligent electronics and multi-stage capabilities that take indoor comfort and energy-saving performance to new levels. Throughout our Infinity line, we never lose sight of the Carrier quality, environmental stewardship and lasting durability that have endured for more than a century.



### INNOVATION

Infinity 80 furnaces include Comfort Heat Technology that accurately predicts the need for heating based on previous furnace cycles to effectively reduce temperature swings.

### EFFICIENCY

AFUE (Annual Fuel Utilization Efficiency) ratings are like your car's MPG – the higher the number, the greater the potential for savings. Our Infinity 80 gas furnaces deliver 80.0% AFUE heating.

### DURABILITY

Our PowerHeat™ hot surface ignition is one of the most robust and durable ignition systems available. It eliminates the need for a pilot light, reducing gas usage and promoting more consistent operation.

### HUMIDITY MANAGEMENT

As a part of your home's cooling system, an Infinity 80 gas furnace with SmartEvap™ technology can be the key to enhanced comfort through precision humidity management. Include an Infinity system control, humidifier and an Infinity outdoor unit and let Ideal Humidity System™ technology deliver improved comfort, all year long.

### HYBRID HEAT® SYSTEM

Combining an Infinity 80 gas furnace, an Infinity heat pump and an Infinity system control, our Hybrid Heat system automatically switches between electric and gas heating to optimize the efficiency of each fuel source.

### SOUND

Our variable-speed constant airflow blower distributes heated or cooled air at the lowest possible setting for the majority of the comfort cycle. Add our sealed combustion system and fully insulated cabinet, and you'll enjoy warm, winter heating that's quieter than a conversation.*

### LIMITED WARRANTY

To the original owner, our Infinity 80 gas furnaces are covered by a 10-year parts and lifetime heat exchanger limited warranty upon timely registration. The parts limited warranty period is five years and heat exchanger warranty is 20 years if not registered within 90 days of installation, except in jurisdictions where warranty benefits cannot be conditioned upon registration. See warranty certificate at carrier.com for complete details and restrictions.

Carrier CONSUMER CHOICE WARRANTY

At Carrier, we know purchasing a new heating or cooling system is a big investment. Take ownership in helping protect your investment. Carrier is excited to offer you a Consumer Choice Warranty option. Most Carrier products come with the option to select the warranty of your choice. Dealer participation is required.**

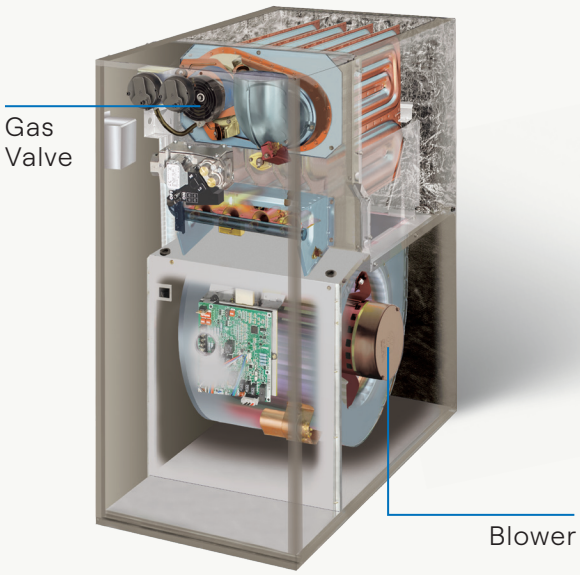
* Carrier manufactures gas furnaces that are among the quietest in the industry. We test our products in a sound laboratory specifically built to resemble a typical residence. Sound level recordings produced at steady state, single-stage operation (the most common operating condition), measured three feet from furnace. For comparison purposes, other sound levels published at https://www.asha.org/public/hearing/loud-noise-dangers/.

** Upon timely registration, on eligible equipment select either a 10-year parts only limited warranty or a five-year parts + three-year labor limited warranty. Dealer participation required. See limited warranty certificate at carrier.com for complete details and restrictions.

## The Carrier Difference

If you could look under the hood of an Infinity 80 furnace, you'd see what drives the performance: a serious commitment to quality. Heating capacity is managed with a two-stage gas valve that can operate on low- or high-stage heat for quiet, consistent comfort. When paired with an Infinity system control, our variable-speed blower provides just the right amount of airflow, running more consistently on the lowest speed possible for more even temperatures, reduced hot and cold spots, and enhanced humidity control as a part of your cooling system.

Infinity intelligence monitors conditions, comfort settings and previous furnace cycles and makes smart decisions on your behalf. You'll enjoy the results with warm, cozy winters and quiet operation. Additional comfort enhancing functions include ComfortFan™ technology, which allows you to select furnace fan speeds from the Infinity system control.




## A Range of Comfort

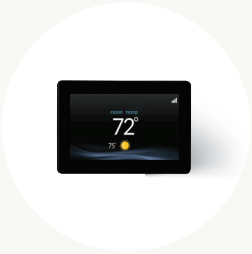
Carrier delivers gas furnaces with a range of features and functionality. Check out this side-by-side comparison to see how our smart and efficient Infinity 80 gas furnaces measure up against our Performance™ and Comfort™ models.

| | Infinity Series | Performance Series | Comfort Series |
|---|---|---|---|
| Motor Performance | Fully-communicating, variable-speed operation | Non-communicating, variable-speed operation | Non-communicating, multi-speed operation |
| Efficiency | 80.0% AFUE | 80.0% AFUE | 80.0% AFUE |
| Airflow Operation | Constant airflow | Two-stage airflow (high/low) | Single-stage airflow (on/off) |
| Diagnostic Technology | Infinity fully communicating system | InteliSense connected system | – |
| Durability | Fully-insulated, 20-gauge steel cabinet and doors | Fully-insulated, 20-gauge steel cabinet and doors | Fully-insulated[1], 20-gauge steel cabinet and doors |
| Recommended Control[2] | Infinity System Control | ecobee for Carrier Smart Thermostat | Carrier Smart Thermostat |
| Limited Warranty | 10-year parts[3] Lifetime heat exchanger[4] | 10-year parts[3] 20-year heat exchanger | 10-year parts[3] 20-year heat exchanger |

[1] 58SC models only
[2] Control sold separately, other options available.
[3] Upon timely registration, the warranty period is five years if not registered within 90 days of installation except where restricted by jurisdiction.
[4] Upon timely registration, the warranty period is 20 years if not registered within 90 days of installation except where restricted by jurisdiction.

# The Indoor Comfort System

Your Carrier dealer will recommend a system to meet your home-comfort needs and local weather environment.



### CONTROL

Allows precise temperature control and humidity control along with programmable features to further customize your comfort.



### AIR CONDITIONER OR HEAT PUMP

Provides efficient cooling or cooling/heating for comfort and potential energy savings.



### EVAPORATOR COIL

Matches to the proper outdoor unit to provide more cooling efficiency and years of reliable service.

### AIR PURIFIER

Works in-line with your HVAC system to help reduce dust, dirt, pet dander and smoke particles that can circulate throughout your home.



### HUMIDIFIER

Adds moisture to the air, helping keep static and dry skin at bay.



### VENTILATOR

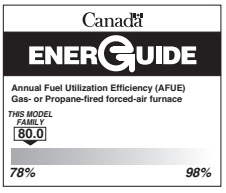
Combines fresh outdoor air with conditioned indoor air for improved air quality.



# More Than a Century of Cool

In 1902, a determined engineer answered one of mankind's most nagging questions: How do we make hot, sticky, indoor air go away? In creating the world's first modern air conditioning system, Willis Carrier forever changed indoor life, and, more than a century later, the corporation that bears his name takes inspiration from his example.

Carrier strives to improve on our founder's breakthroughs, introducing new technologies that make life at home even cooler. Today, a nationwide network of experts continues to advance Willis Carrier's lifework. Your expert Carrier dealer is equipped to evaluate your home and create a customized system designed around your lifestyle.




Carrier

Turn to the experts

INFINITY® SYSTEM

carrier.com

1-800-CARRIER

As an ENERGY STAR® partner, Carrier Corporation has determined that qualifying models meet ENERGY STAR guidelines for energy efficiency. Ask your dealer for details or visit www.energystar.gov.

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