



# INFINITY<sup>®</sup> 80 GAS FURNACES WITH COMFORT HEAT TECHNOLOGY<sup>®</sup>

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](http://carrier.com) for complete details and restrictions.



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.\*\*

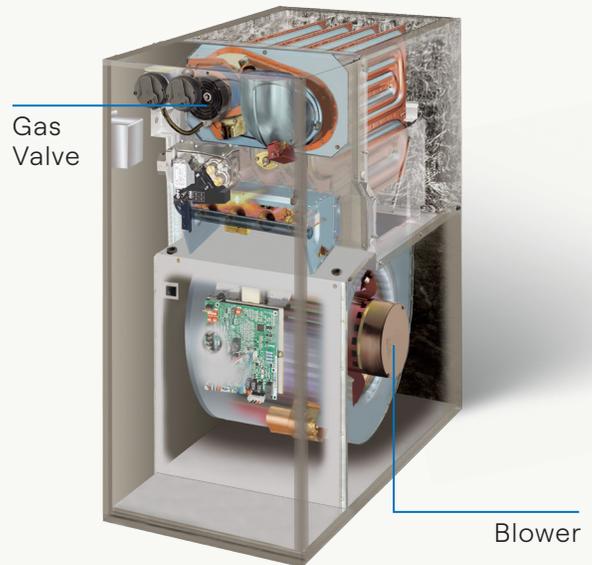
\* Carrier manufactures gas furnaces that are among the quietest in the industry. We test our products in a sound laboratory specifically built to resemble a typical residence. Sound level recordings produced at steady state, single-stage operation (the most common operating condition), measured three 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](http://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 <sup>1</sup> , 20-gauge steel cabinet and doors
Recommended Control <sup>2</sup>	Infinity System Control	ecobee for Carrier Smart Thermostat	Carrier Smart Thermostat
Limited Warranty	10-year parts <sup>3</sup> Lifetime heat exchanger <sup>4</sup>	10-year parts <sup>3</sup> 20-year heat exchanger	10-year parts <sup>3</sup> 20-year heat exchanger

<sup>1</sup> 58SC models only

<sup>2</sup> Control sold separately, other options available.

<sup>3</sup> Upon timely registration, the warranty period is five years if not registered within 90 days of installation except where restricted by jurisdiction.

<sup>4</sup> 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.

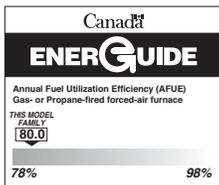
	<p><b>CONTROL</b></p> <p>Allows precise temperature control and humidity control along with programmable features to further customize your comfort.</p>		<p><b>AIR CONDITIONER OR HEAT PUMP</b></p> <p>Provides efficient cooling or cooling/heating for comfort and potential energy savings.</p>		<p><b>EVAPORATOR COIL</b></p> <p>Matches to the proper outdoor unit to provide more cooling efficiency and years of reliable service.</p>
<p><b>AIR PURIFIER</b></p> <p>Uses Captures &amp; Kills® technology to inactivate 99% of select airborne pathogens trapped by the filter, including coronavirus, bacteria and other pathogens.<sup>1</sup></p>		<p><b>HUMIDIFIER</b></p> <p>Adds moisture to the air, helping keep static and dry skin at bay.</p>		<p><b>VENTILATOR</b></p> <p>Combines fresh outdoor air with conditioned indoor air for improved air quality.</p>	

<sup>1</sup> The Infinity® air purifier has demonstrated effectiveness against the murine coronavirus, based on third-party testing (2020) showing a >99% inactivation, which is a virus similar to the human novel coronavirus (SARS-CoV-2) that causes COVID-19. Therefore, the Infinity air purifier can be expected to be effective against SARS-CoV-2 when used in accordance with its directions for use. Third-party testing (2012, 2007) also shows ≥99% inactivation for the type of virus that causes common colds, Streptococcus pyogenes and human influenza. Airborne particles must flow through your HVAC system and be trapped by the Infinity filter to be inactivated at 99%. Learn how it works at [Carrier.com/purifier](http://Carrier.com/purifier).

## 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.



INFINITY SYSTEM

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

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