



Infinity[®] 80 Gas Furnaces with Comfort Heat Technology[®] Feature



Enjoy enhanced comfort with 80.0% AFUE



58TN0, 58TN1

What You Can Expect From Carrier

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. And, to provide superior year-round efficiency with both gas and electric heating capabilities, your dealer can include a new Infinity® heat pump and Infinity® System Control to create a Hybrid Heat® dual fuel system.



Innovation

The Infinity 80 gas furnaces include our Comfort Heat Technology® feature 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. The Infinity 80 gas furnaces deliver 80.0% AFUE heating and the potential for savings over an older, less efficient model you may be replacing.



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, a Carrier® Hybrid Heat system automatically switches between electric and gas heating to optimize the efficiency of each fuel source. It's a great way to help manage unpredictable utility costs.



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, Carrier 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 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 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/>.

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
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
Durability	Fully insulated, 20-gauge steel cabinet and doors	Fully insulated, 20-gauge steel cabinet and doors	Fully insulated, 20-gauge steel cabinet and doors
Cool Compatibility	Multi-stage	Two-stage and Single-stage	Single-stage
Recommended Control†	Infinity® System Control	Côr® Wi-Fi® Thermostat	Côr® Wi-Fi® Thermostat
Limited Warranty	10-year parts* Lifetime heat exchanger**	10-year parts* 20-year heat exchanger	10-year parts* 20-year heat exchanger

† Control sold separately, other options available.

* Upon timely registration. The warranty period is five years if not registered within 90 days of installation except where restricted by jurisdiction.

** Upon timely registration. The warranty period is 20 years if not registered within 90 days of installation except where restricted by jurisdiction.

Wi-Fi® is a registered trademark of Wi-Fi Alliance Corporation.



The Carrier Difference

If you could look under the hood of a Carrier® Infinity 80 gas 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.

Visit carrier.com for model comparisons and product specifications.

Explore the full line of Carrier® gas furnaces and other system components to find the ideal fit for your home.

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The Total Indoor Comfort System

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

1. **Infinity® Air Conditioner** provides reliable, efficient cooling for long-lasting comfort and potential energy savings.
2. **Infinity® Gas Furnace** provides reliable, efficient heating for long-lasting comfort and potential energy savings.
3. **Infinity® System Control** allows precise temperature and humidity control along with programmable features to further customize your comfort.*
4. **Zoning** sets different temperatures from three to up to eight different areas of your home for truly customized comfort and possible utility savings.
5. **Infinity® Air Purifier** improves air quality by capturing and killing select airborne bacteria and viruses and other irritating airborne pollutants in your home.**
6. **Humidifier** replenishes moisture to dry air.
7. **UV Lamp** helps inhibit the growth of contaminants on the evaporator coil, leaving your home with fresher indoor air.
8. **Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality – great for today's tightly constructed home.
9. **Evaporator Coil** is matched with the proper outdoor unit to provide even more cooling efficiency and years of reliable service.



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.

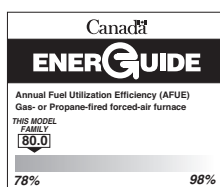


According to the EPA, indoor levels of pollutants are often significantly higher than outdoor levels. Most homes have at least one air quality issue, ranging from temperature and humidity issues to particle allergens, chemical pollutants and elevated carbon dioxide levels.† Ask your dealer how CÔR™ Indoor Air Quality products can help you breathe easier.

† <https://www.epa.gov/report-environment/indoor-air-quality>

* Thermostat must be connected to Wi-Fi®. App requires iOS® or Android™ mobile device.

** Based on third-party testing (2012) showing 95% of particles size 1.0 to 3.0 microns captured and based on third-party testing (2012, 2007) showing >99% kill rate for common cold surrogate, Streptococcus pyogenes and human influenza.



turn to the experts™

INFINITY® SERIES



AHRP CERTIFIED™



carrier.com 1-800-CARRIER

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