



Turn to the experts

# CARRIER ULTRA-LOW NOX GAS FURNACES

Enjoy cozy, home heating  
comfort up to 95% AFUE



Models 59CU5, 58CU0, 59SU5, 58SU0

# DESIGNED WITH YOUR COMFORT IN MIND

Innovation, efficiency, quality: Our ultra-low nitrogen oxides (NOx) gas furnaces deliver warm, winter heating while meeting regional, ultra-low NOx emissions standards. Throughout our ultra-low NOx product line, we never lose sight of the Carrier quality, environmental stewardship and lasting durability that have endured for more than a century. Available in both Infinity® System and Comfort™ Series models, Carrier ultra-low NOx gas furnaces are an excellent choice for comfort inside all winter long.



## COMFORT

Our ultra-low NOx gas furnaces are an excellent choice for warm comfort inside all winter long. Our Comfort Series models are equipped with a multi-speed ECM blower motor, and for improved comfort and energy efficiency you can add a two-stage air conditioner or heat pump. For quieter, more consistent comfort, our Infinity System models are equipped with communicating technology and a variable-speed constant airflow ECM blower motor.



## EFFICIENCY

AFUE (Annual Fuel Utilization Efficiency) ratings are like your car's MPG – the higher the number, the greater the potential savings. Our Carrier ultra-low NOx gas furnaces deliver a range of comfort from 80% up to 95% AFUE.



## HUMIDITY MANAGEMENT

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



## HYBRID HEAT® SYSTEM

Combine a Carrier ultra-low NOx gas furnace, a Carrier heat pump and a compatible thermostat to create a Hybrid Heat system. Its ability to automatically switch between electric and gas heating makes a Hybrid Heat system a great defense against unpredictable utility costs.



## BUILT-IN RELIABILITY AND DURABILITY

Enjoy years of worry-free heating because the Carrier ultra-low NOx gas furnaces are built to last. For example, our stainless steel tubular heat exchanger offers extra corrosion resistance for better longevity.

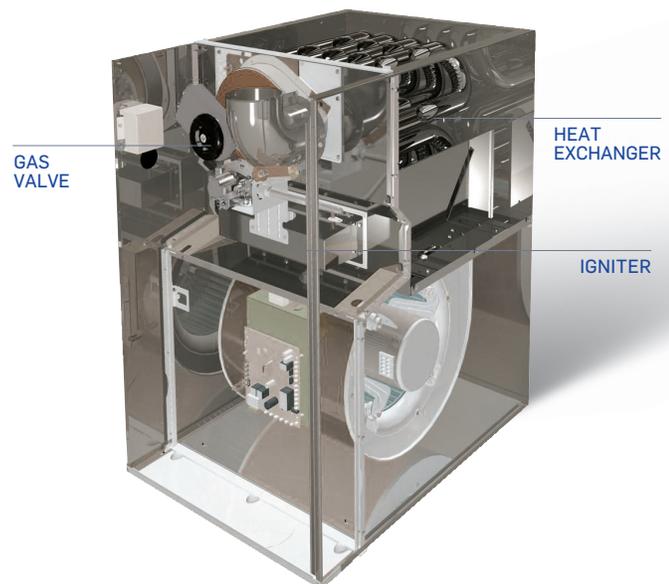


## LIMITED WARRANTY

To the original owner, our ultra-low NOx gas furnaces are covered by a 10-year parts limited warranty; a 20-year heat exchanger limited warranty on Comfort Series units; and a lifetime heat exchanger limited warranty on Infinity System units, 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](http://carrier.com) for complete details and restrictions.

# THE CARRIER DIFFERENCE

If you could look under the hood of a Carrier model 58SU0 ultra-low NOx gas furnace, you'd see what drives the performance: a serious commitment to quality. For efficient heating performance, the inducer fan creates optimal airflow into the heat exchanger, and our single-stage gas valve delivers the precise amount of fuel needed for warm, winter comfort. For heating when you need it, our PowerHeat™ igniter starts the heating process with exceptional reliability. And once your furnace is up and running, our blocked vent safeguard switch is designed to prevent potentially harmful flue gases by stopping furnace operation if a common vent is obstructed. All of this comfort and performance can be controlled with your choice of a compatible thermostat.



**MODEL 58SU0  
ULTRA-LOW NOx  
GAS FURNACE**

## RAISING THE BAR FOR LOWER NOx EMISSIONS

The Carrier ultra-low NOx gas furnaces provide the dependable heating and performance you expect from the inventor of modern air conditioning. At the same time, we're honoring our history of awareness for environmental concerns, offering a gas furnace with significantly reduced nitrogen oxide (NOx) emissions. It's a great companion to a Carrier air conditioner for complete, year-round comfort. Or, pair it with a Carrier heat pump and compatible thermostat to create a Hybrid Heat® system for enhanced efficiency.

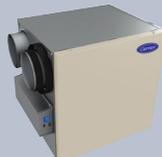
### 65% Lower NOx Emissions

The Carrier ultra-low NOx gas furnaces deliver comfort you can rely on with a 65% reduction in NOx emissions compared to current low NOx models. NOx contributes to the formation of smog and acid rain and the deterioration of water quality. These furnaces are a great choice for environmentally-conscious homeowners.



\*When comparing the 59CU5, 59SU5, 58CU0 and 58SU0 to current low NOx models.

# GAIN MORE CONTROL WITH A COMPLETE HOME COMFORT SYSTEM

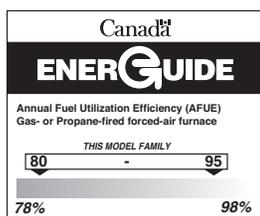
Control	Air Conditioner or Heat Pump	Evaporator Coil	Air Purifier	Humidifier	Ventilator
 <p>Allows precise temperature control and humidity control along with programmable features to further customized your comfort.</p>	 <p>Provides efficient cooling or cooling/heating for comfort and potential energy savings.</p>	 <p>Matches to the proper outdoor unit to provide more cooling efficiency and years of reliable service.</p> <p>featuring <b>VERTEX</b> Technology</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>Adds moisture to the air, helping keep static and dry skin at bay.</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.



Turn to the experts

[carrier.com](http://carrier.com) 1-800-CARRIER

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