

Performance™ 80



Gas Furnace with Comfort Heat Technology® Feature

turn to the experts™ 



Performance
SERIES

Energy-Efficient Gas Furnace
with 80.0% AFUE

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 Performance™ 80 gas furnace with Comfort Heat Technology® feature continues the Carrier® story with money-saving efficiency and exclusive, comfort-enhancing features.



Leaders in Technology



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. 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 depending on your home, comfort preferences and more.



The Performance 80 gas furnace with Comfort Heat Technology feature delivers 80.0% AFUE to potentially reduce your energy costs compared to an older, lower efficiency furnace you may be replacing.

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 energy-efficient comfort as a result.

2 Consistent Comfort and Ventilation

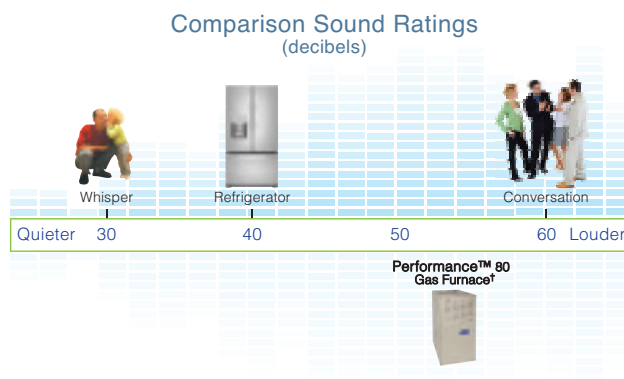
The variable-speed blower motor enhances your comfort by ensuring consistent airflow and temperature maintenance. This vital component helps keep rooms more comfortable, helps improve indoor air quality and operates quietly.

3 Responsive Comfort Control

The furnace control board supplies the brains for reliable heating operation. It can also be matched with a Performance™ series Edge® programmable thermostat or an Infinity® Touch Control to help you enjoy comfort-enhancing features including ComfortFan™ which allows you to select furnace fan speeds from the thermostat and our SmartEvap™ moisture control function.

4 Quiet Operation

Carrier furnaces are designed for quiet comfort and this model is no exception. Low capacity operation for the majority of the heating season combined with our combustion system components helps you enjoy your comfort. What little sound this unit does make is isolated by our sturdy steel casing and door and insulated cabinet.



† 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.

It's About Your Comfort

The Carrier Performance 80 gas furnace with Comfort Heat Technology® feature represents years of design, development and testing with one goal in mind – making you more comfortable. We have taken the lead in creating technologies that deliver the comfort and efficiency you deserve while staying ahead of industry trends and global initiatives.

The 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.

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 Performance 80 gas furnace with an electric heat pump and Edge® programmable thermostat 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.



ComfortHeat

THINKS. HEATS. SAVES.
HYBRIDHEAT



Limited Warranty

To the original owner, the Carrier Performance 80 gas furnace is covered by a 10-year parts and 20-year heat exchanger limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty. See warranty certificate at carrier.com for complete details and restrictions.

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 Cleaner
- E. Ventilator
- F. Humidifier
- G. Zoning
- H. UV Lamp
- I. Edge Programmable Thermostat

The Total Indoor Comfort System

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

Gas Furnace provides reliable, energy-efficient heating for long-lasting comfort and energy savings.

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

Air Cleaner improves air quality by removing harmful and 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.

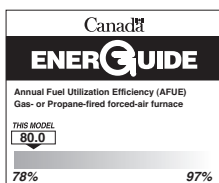
Zoning sets different temperatures for up to eight different areas of your home for truly customized comfort and enhanced utility savings.

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

Edge® Programmable Thermostat allows precise temperature and humidity control along with programmable features to further customize your comfort.

Model 58CTW
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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**

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A member of the United Technologies Corporation family. Stock Symbol UTX.

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



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