

Comfort™ 80 Gas Furnace



Turn to the Experts.™

Comfort™
SERIES



Quiet, Economical Comfort with 80% AFUE

Efficiency

Annual Fuel Utilization Efficiency or AFUE is like gas mileage. The higher the gas mileage or AFUE rating, the more efficient the automobile or system is. With energy costs on the rise, a Carrier gas furnace can help lower your utility costs.

Comfort™ 80 furnaces have a rating of 80% AFUE, helping to reduce your utility costs.



Safety

Built by the most trusted name in the industry, Carrier furnaces heat safely within your home. Carrier pioneered the following safety innovations:

- Hot surface ignition system eliminates the need for a pilot light, reducing gas usage and promoting worry-free operation.
- The control board constantly monitors the safety devices during heating operation. If a safety device activates for any reason, the furnace will cease operation and a status code will be displayed on the furnace control board, alerting you to any potential problems.
- Blocked vent safeguard shuts down furnace operation if common exhaust vents become inadvertently blocked.



Things to Consider Before You Buy

Comfort

Carrier specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. Your Carrier dealer can help you choose the best system for your home including Carrier-exclusive features that further enhance your indoor environment.

- The Comfort™ 80 features SmartEvap™, which can keep unwanted humidity in your home to comfortably low levels.
- By adding the Thermidistat™ Control, you'll be able to utilize the SmartEvap™ feature, and manage indoor temperature and humidity levels with an easy-to-use programmable thermostat. Want to cool things down at night but keep them warmer during the day? Customize your home's indoor environment to your household needs and personal preferences with Carrier's Thermidistat™ Control.
- ComfortFan™ gives you even more control over your indoor comfort by allowing you to select your continuous fan speed at the thermostat.

Reliability

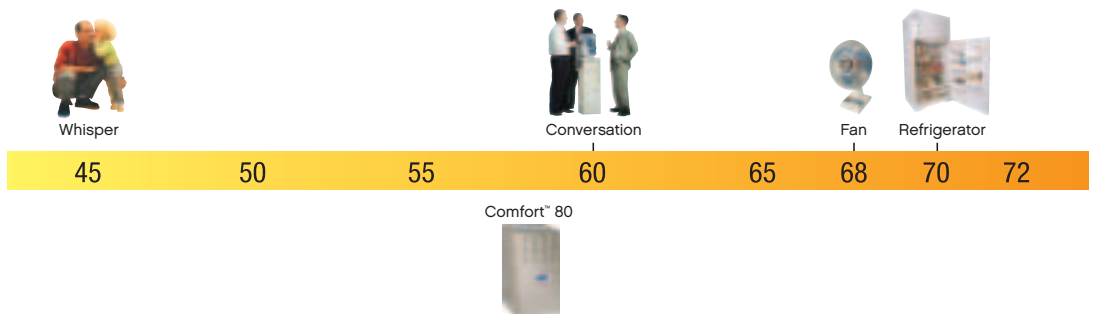
At Carrier, your comfort is our business. That's why we have one of the most extensive product research and development facilities in the world. Within each step of the development process, from the design phase to finished products, we test each and every product to exceed industry standard requirements. In fact, Carrier engineers test the reliability of the heat exchangers to over 200,000 cycles. That's more than six times the industry's standard of 30,000 cycles.

Sound

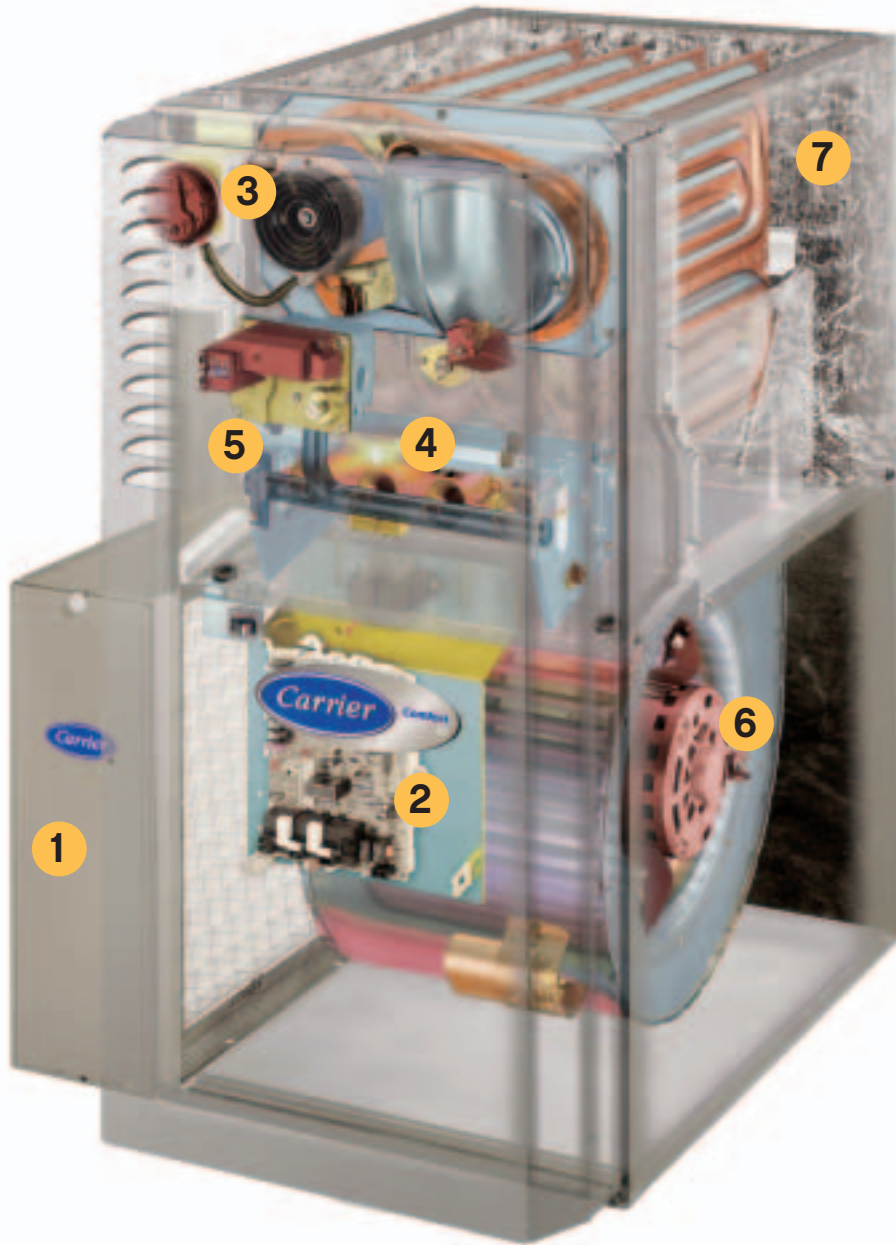
Carrier furnaces are designed for quiet operation and the Comfort™ 80 gas furnace is no exception. How does it stay so quiet? The QuieTech™ noise reduction system, Carrier's patented combustion system, provides comfortable heat while generating very little sound in the process. And for what little sound a Carrier system does make, an insulated cabinet helps to further isolate sound levels at its source. At Carrier, we believe home comfort shouldn't be at your ears' expense.

Comparative Sound Ratings

(decibels)



Technology



- 1 Optional air cleaner cabinet** – allows for the easy and convenient addition of a Carrier high-efficiency air filter for enhanced air quality.
- 2 Intelligent furnace control** – manages fan speed to provide the best combination of comfort and energy efficiency, helping to ensure even temperatures throughout your home. The ComfortFan™ feature virtually eliminates the need for a ceiling fan.
- 3 Inducer fan** – precisely controls air intake within the combustion system for efficient performance.
- 4 Burner ignition** – as one of the most dependable systems available, it replaces pilot lights and reduces utility consumption.
- 5 Slow-opening gas valve** – helps ensure quiet operation.
- 6 Direct-drive blower motor** – delivers heated airflow into the ducts for enhanced energy efficiency and quiet operation.
- 7 Fully insulated cabinet** – helps reduce sound levels when the burner activates.

Specifications

Gas Furnaces	Infinity™ System	Optional Air Cleaner Cabinet	Humidity Control	Blower Speed	ComfortHeat™ Technology	AFUE Rating	Heat Stages	Heat Exchanger Warranty	SmartEvap™ and ComfortFan™
Infinity™ 80	✓	✓	Ideal	Variable	✓	Up to 80.0	2	20 year	✓
Performance™ 80		✓	Enhanced	4-5	✓	Up to 80.0	2	20 year	✓
Comfort™ 80			Enhanced	3-4		Up to 80.0	1	20 year	✓

Warranty

The Comfort™ 80 gas furnace is backed by a 20-year limited warranty on the heat exchanger and a five-year limited warranty on the entire unit. Extended warranties are also available. Ask your Carrier dealer for further information.





Turn to the Experts

Willis Carrier invented air conditioning in 1902. Over 100 years later, we're proud to say Carrier systems are trusted in more homes than any other brand.

Carrier continues to be on the forefront of innovative engineering and unsurpassed standards of excellence. So when choosing a home comfort system, you'll want to turn to the experts. Your Carrier dealer will evaluate your home, such as window placement and size, ductwork, other structural specifics and lifestyle to provide a customized indoor comfort plan designed specifically for you. And when you have an expert helping you make an educated decision, you're going to feel more comfortable.



Turn to the Experts.™

www.carrier.com

1-800-CARRIER

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

© Carrier Corporation 2004

858-437

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



ENERGUIDE	
Annual Fuel Utilization Efficiency - AFUE	
THIS MODEL	
80%	
MID	HIGH
78% 82%	88% 97%



Always look for these symbols, the home heating industry seals of certified performance, efficiency and capacity.

IMPRINT AREA-NO VARNISH