

# 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:

- Power Heat™ Ignitor 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.

- Want to enjoy better comfort during the day but conserve energy at night? Customize your home's indoor environment to your household needs and personal preferences using the programmable Edge® Thermostat™ Control's seven-day programmable schedule.
- Add a compatible Carrier thermostat and enjoy ComfortFan™ technology which gives you even more control over your indoor comfort by allowing you to select your continuous fan speed at the thermostat.

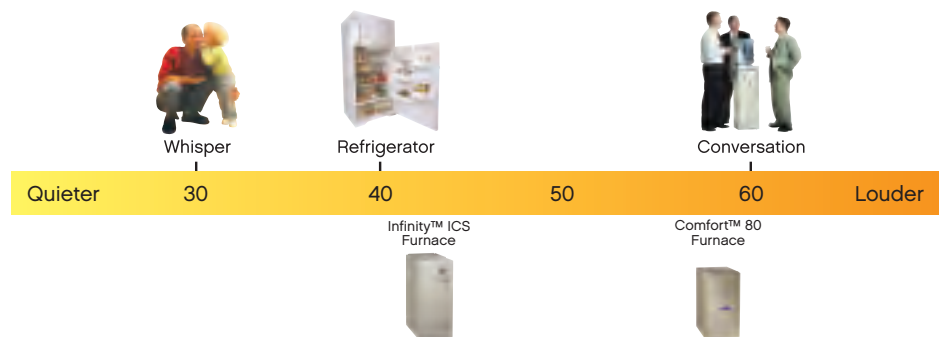
## Reliability

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 QuietTech® 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 their source. At Carrier, we believe home comfort shouldn't be at your ears' expense.

## Comparative Sound Ratings (decibels)



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, low fire operation (the most common operating condition), measured 3 feet from furnace. Other sound levels, mentioned for comparison, as published at <http://www.nidcd.nih.gov/health/hearing/ruler.asp>.

## 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** – add a compatible Carrier thermostat and enjoy ComfortFan™ technology to provide the best combination of comfort and energy efficiency, helping to ensure even temperatures throughout your home.
- 3 Inducer fan** – precisely controls air intake within the combustion system for efficient performance.
- 4 Power Heat™ 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	Humidity Control	Blower Speed	Comfort Heat Technology®	AFUE Rating	Heat Stages	SEER Boost
Infinity™ 80 Furnace	✓	Ideal Humidity System® Technology	Variable	✓	Up to 80.0	2	
Performance™ 80 Furnace		Enhanced	4-5	✓	Up to 80.0	2	
Performance Boost 80 Furnace		Enhanced	4-5	✓	Up to 80.0	1	✓
<b>Comfort™ 80 Furnace</b>		Enhanced	3-4		Up to 80.0	1	

## Limited Warranty

To the original owner, the Carrier Comfort 80 gas furnace is covered by a 10-year parts and 20-year heat exchanger limited warranty upon timely registration of your new equipment.\* Ask your Carrier dealer about optional extended warranties, which may include labor.

\*Warranty period is five years if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty. See warranty certificate at [carrier.com](http://carrier.com) for complete details.





## 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.™

This Box is to be used as a knock-out for a non-varnished area on a full-spread, full-bleed varnish plate.

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

1-800-CARRIER

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

© Carrier Corporation 2009

01-858-496-25

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.  
Models 58DLA, 58DLX



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.