

# Gas Furnaces – 58STA / 58STX



Turn to the Experts.™



Enjoy Quiet and Affordable Comfort

## 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.

- 58STA/58STX furnaces have a rating of 80% AFUE.



## 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.

### 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.

### 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.
- Blocked vent safeguard shuts down furnace operation if common exhaust vents become inadvertently blocked.
- Electronic control board constantly monitors the safety devices during heating operation. If a safety device activates for any reason, a status code will be displayed on the furnace control board, alerting you to any potential problems.

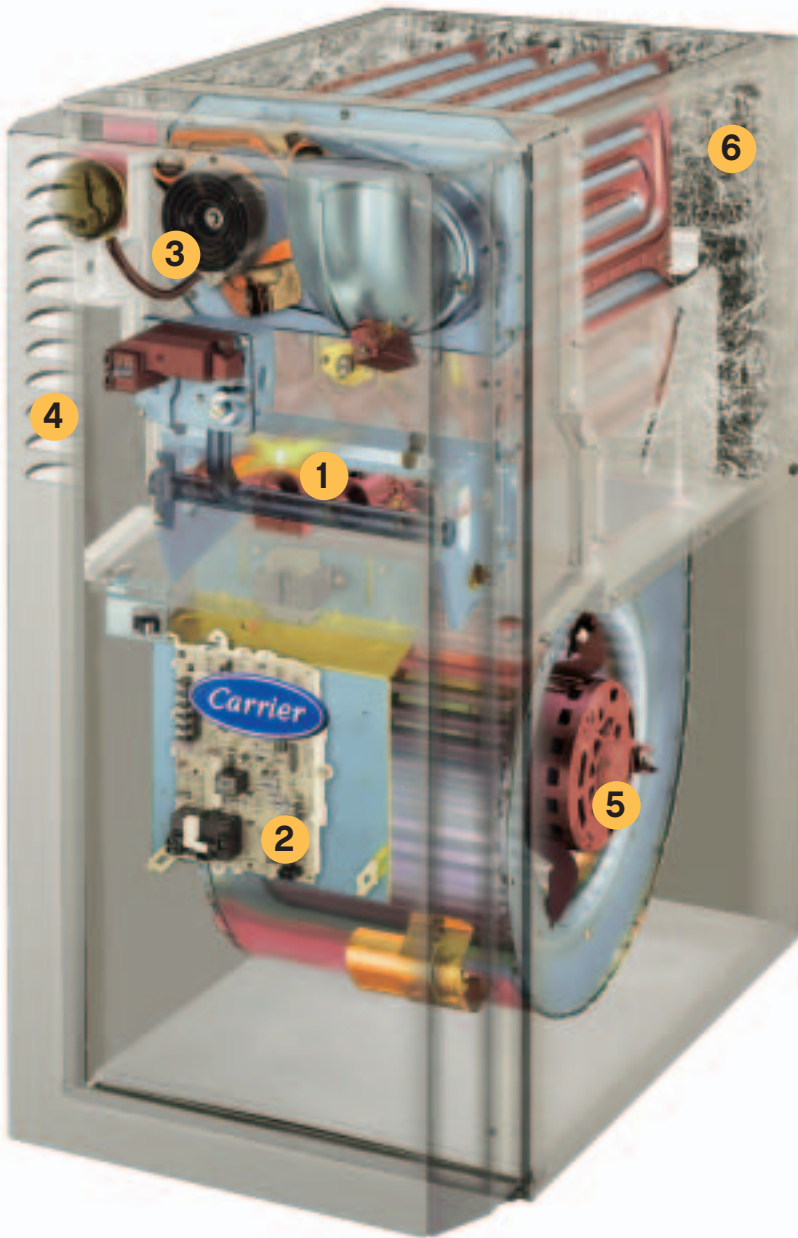
### Sound

Carrier furnaces are designed for quiet operation and the 58STA/58STX gas furnace is no exception. How does it stay so quiet? The Quietech™ noise reduction system helps to isolate sound levels at the source. At Carrier, we believe home comfort shouldn't be at your ears' expense.

## Comparative Sound Ratings (decibels)



## Technology



- 1 Hot surface ignition system** – as one of the most dependable systems available, it replaces pilot lights and reduces utility consumption.
- 2 Electronic control board** – allows customized comfort with enhanced temperature maintenance and efficiency at your fingertips, and also includes a blower delay feature that helps reduce cold drafts at startup.
- 3 Inducer-fan assembly** – improves gas usage by precisely regulating and directing air intake to the heat exchanger.
- 4 Slow-opening gas valve** – helps ensure quiet operation.
- 5 Direct-drive blower motor** – delivers heated airflow into the ducts for enhanced energy efficiency and quiet operation.
- 6 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	✓
<b>58STA/58STX</b>				<b>3-4</b>		<b>Up to 80.0</b>	<b>1</b>	<b>20 year</b>	

## Warranty

The 58STA/58STX 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.™

IMPRINT AREA—NO VARNISH

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

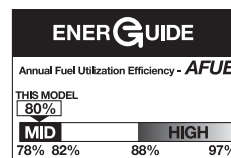
1-800-CARRIER

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

© Carrier Corporation 2004

858-442

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



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