

# Performance™ 96 Gas Furnace with Comfort Heat Technology®



turn to the experts™ 

## Performance™ SERIES



As an ENERGY STAR® partner, Carrier Corporation has determined that the Performance™ 96 gas furnace meets ENERGY STAR guidelines for energy efficiency.

High-Efficiency Gas Furnace with up to 95.0% AFUE

# High-Efficiency Gas Furnace Designed with Your Comfort in Mind



Shown with optional external filter cabinet.

UP TO  
**95.0%**  
AFUE  
RATING

## Greater Operational 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. While an ordinary furnace will consume 625 watts of electricity during heating operation, most Performance™ 96 models use less than a 100-watt light bulb.

- The Performance 96 has a rating of up to 95.0 AFUE, helping to reduce your utility costs by up to 36% over the year. Actual savings will depend on the efficiency of your current system compared to the efficiency of a new system.
- As an ENERGY STAR® partner, Carrier Corporation has determined that the Performance 96 gas furnace meets the ENERGY STAR guidelines for energy efficiency.





# Things to Consider Before You Buy

## Comfort Heat Technology® Feature

When temperatures outside start to dip, maintain your indoor comfort with the Comfort Heat Technology feature. Ordinary furnaces warm your home with full-speed hot-air blasts followed by idle periods, causing the temperature to drop before the next heating cycle. The Carrier® exclusive Comfort Heat Technology feature is a smart technology, accurately

predicting the need for heating while cutting temperature swings in half. The Comfort Heat Technology feature provides a nearly continuous flow of warmth in low-capacity operation for a steadier, more consistent indoor temperature. Our patented technology monitors previous heating cycles and adjusts the low- and high-capacity operation based on your home's heating needs.



*ComfortHeat*™

## 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.

- Add a Carrier Thermidistat™ Control and the Performance™ 96 features SmartEvap™, which can keep unwanted humidity in your home to comfortably low levels.
- ComfortFan™ gives you more control over your indoor comfort by allowing you to select your continuous fan speed at the Thermidistat Control.
- Bothered by that dry, "sticky" feeling in the winter or that muggy feeling in summer? Add a Carrier humidifier and Thermidistat Control to your heating and cooling system. Ideal Humidity System® technology helps control your home's humidity level.



*IdealHumidity*™

## Sound

Carrier furnaces are designed for quiet operation. The variable speed fan allows this system to operate in the lowest possible setting for 90% of the heating season. Not only does this feature help to minimize sound, it also helps you save on your utility bills. And for what little sound a Carrier system does make, a sealed combustion system and insulated cabinet help 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>.

# Carrier® Systems for Unmatched Performance

**Humidifier** replenishes moisture to dry air.

**Evaporator Coil** allows the refrigerant to absorb heat from the air as it passes over the coil surface. The evaporator coil is located with the indoor unit and is also referred to as the indoor coil.

**Gas Furnace** provides reliable, high-efficiency heating for long-lasting comfort and energy savings.

**Air Cleaner** improves air quality by removing harmful and irritating airborne pollutants from your home.

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

**Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality and maximum efficiency – great for today's tightly constructed home.

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

**Air Conditioner** provides reliable, high-efficiency cooling for long-lasting comfort and energy savings. Ask about environmentally sound Carrier air conditioners with Puron® refrigerant.

**Edge® Thermidistat™ Control** allows precise temperature control and programmable features to further customize your comfort.



## 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 every step of the development process, from the design phase to finished products, we test each and every product to exceed industry testing 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.

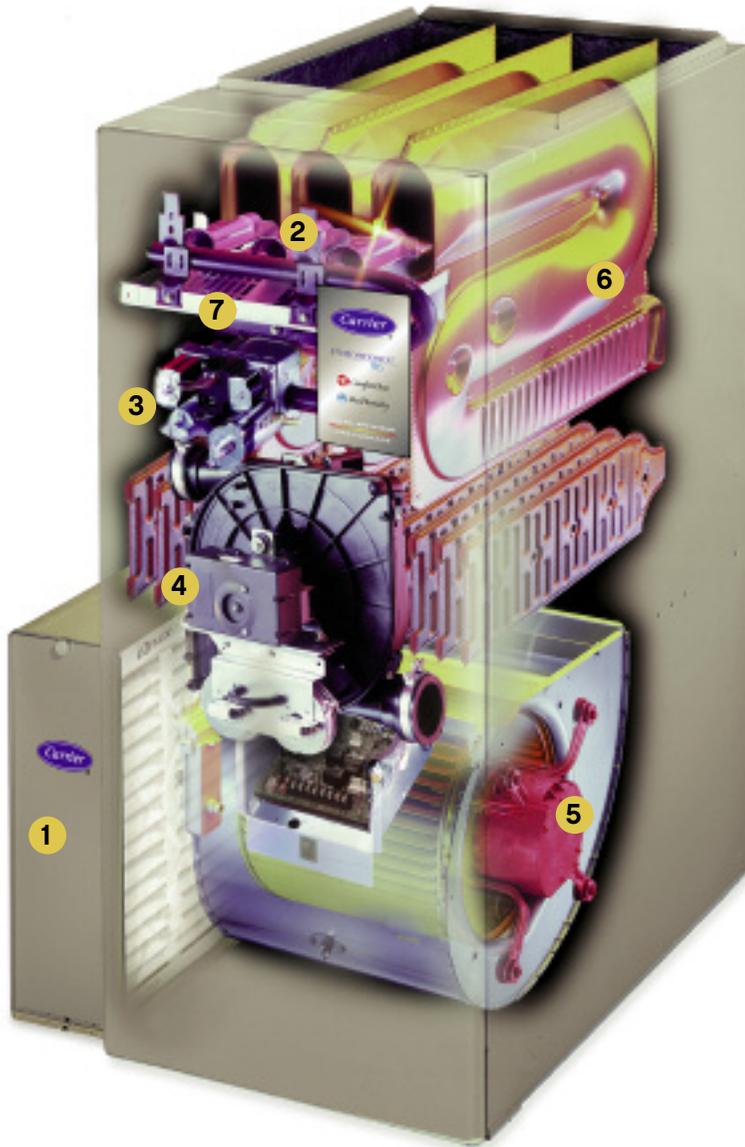
## Safety

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.
- 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.

Performance™  
96

## 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 Burner ignition** – as one of the most robust and durable ignition systems available, Power Heat™ hot surface ignition replaces pilot lights and reduces utility consumption.
- 3 Two-stage gas valve** – provides two heating capacities. The low capacity works during milder days while the high capacity engages during colder temperatures.
- 4 Variable speed inducer** – precisely controls air intake within the combustion system for high-efficiency performance.
- 5 Variable speed blower motor** – ensures consistent airflow and temperature maintenance, helping to keep rooms more comfortable while improving air quality.
- 6 Two heat exchangers** – extract heat from the gas you use and transfer it to warm the air. The primary heat exchanger extracts 80% of the heat while the secondary heat exchanger extracts an additional 12 - 16%, helping to ensure efficient, reliable performance.
- 7 Sealed combustion system** – reduces cold air infiltration while providing quieter operation.



## Limited Warranty

To the original owner, the Carrier® Performance™ 96 gas furnace is covered by a 10-year parts and lifetime heat exchanger limited warranty upon timely registration of your new equipment.\* The secondary heat exchanger carries a 20-year labor limited warranty. Ask your Carrier dealer about optional extended warranties, which may include labor.

\* Warranty period is five years on parts and 20 years on heat exchangers if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty and a lifetime parts limited warranty on the heat exchangers. 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™ 

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

1-800-CARRIER

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Stock Symbol UTX.

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

Model 58LVB

ENERGUIDE	
Annual Fuel Utilization Efficiency (AFUE) Gas- or Propane-fired forced-air furnace with a high efficiency motor	
THIS MODEL <b>92.7 - 95.0</b>	
78%	98%



#D 9091-2000

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