

Performance™ Boost 90 Gas Furnace



Turn to the Experts.™

Performance™
SERIES



High-Efficiency Gas Heating with Up to 93% 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 a Performance™ Boost 90 gas furnace and Carrier-exclusive features that further enhance your indoor environment.

- Your furnace plays an important role during the cooling season by circulating cool air throughout your home. The Performance Boost 90 goes one step further and can increase the energy efficiency of selected 13- and 14-SEER Carrier air conditioners up to 1.5 SEER.* Add a Carrier Edge® Thermostat™ Control and offer SmartEvap™ technology, a feature that works with your air conditioner to provide a comfort boost by helping keep humidity levels low.
- By adding the Edge Thermostat Control, you'll be able to activate the SmartEvap feature to better manage indoor temperature and humidity levels with an easy-to-use, extra-slim programmable thermostat.
- 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 our ComfortFan™ feature, which gives you even more control over your indoor comfort by allowing you to adjust continuous fan speed at the thermostat as needed.

Efficiency Boost

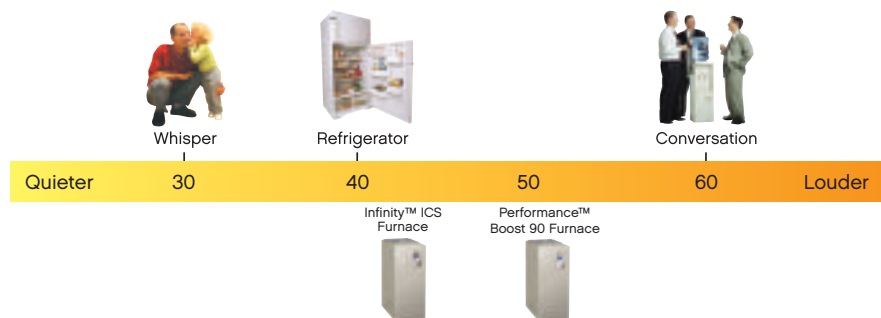
The Performance Boost 90 furnace delivers heating efficiency of 90% AFUE or better. That means your family can relax and enjoy warm winter comfort as well as savings beyond those of a typical standard gas furnace. We achieve this efficiency by using a primary heat exchanger that does the majority of the work as well as a secondary heat exchanger that transfers an additional 11 - 15% more useable heat into your living areas.

As a part of your total indoor comfort system, this furnace plays a vital role during the cooling season as well by delivering comfortable, conditioned air to your home. The Performance Boost 90 furnace can help selected 13.0 and 14.0 SEER Carrier air conditioners achieve added energy efficiency up to 1.5 SEER.* It's an economical way to meet higher cooling efficiency expectations while also filling your need for a high quality gas furnace.

Sound

Carrier furnaces are designed for quiet operation and the Performance Boost 90 is no exception. How does it stay so quiet? The QuieTech™ noise reduction system, a Carrier 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 further isolate sound levels at their source.

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>.

*As compared to the Air Conditioning, Heating and Refrigeration Institute's Standard Coil-Only Rating when paired with selected Carrier evaporator coils.

Carrier® Systems for Unmatched Performance

Humidifier replenishes moisture to dry air.

Evaporator Coil removes heat from the air as it passes over the refrigerant. 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 – 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. (Requires compatible thermostat.)

Air Conditioner provides reliable, energy-efficient cooling for long-lasting comfort and energy savings. Ask about Carrier air conditioners with environmentally-sound 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 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.

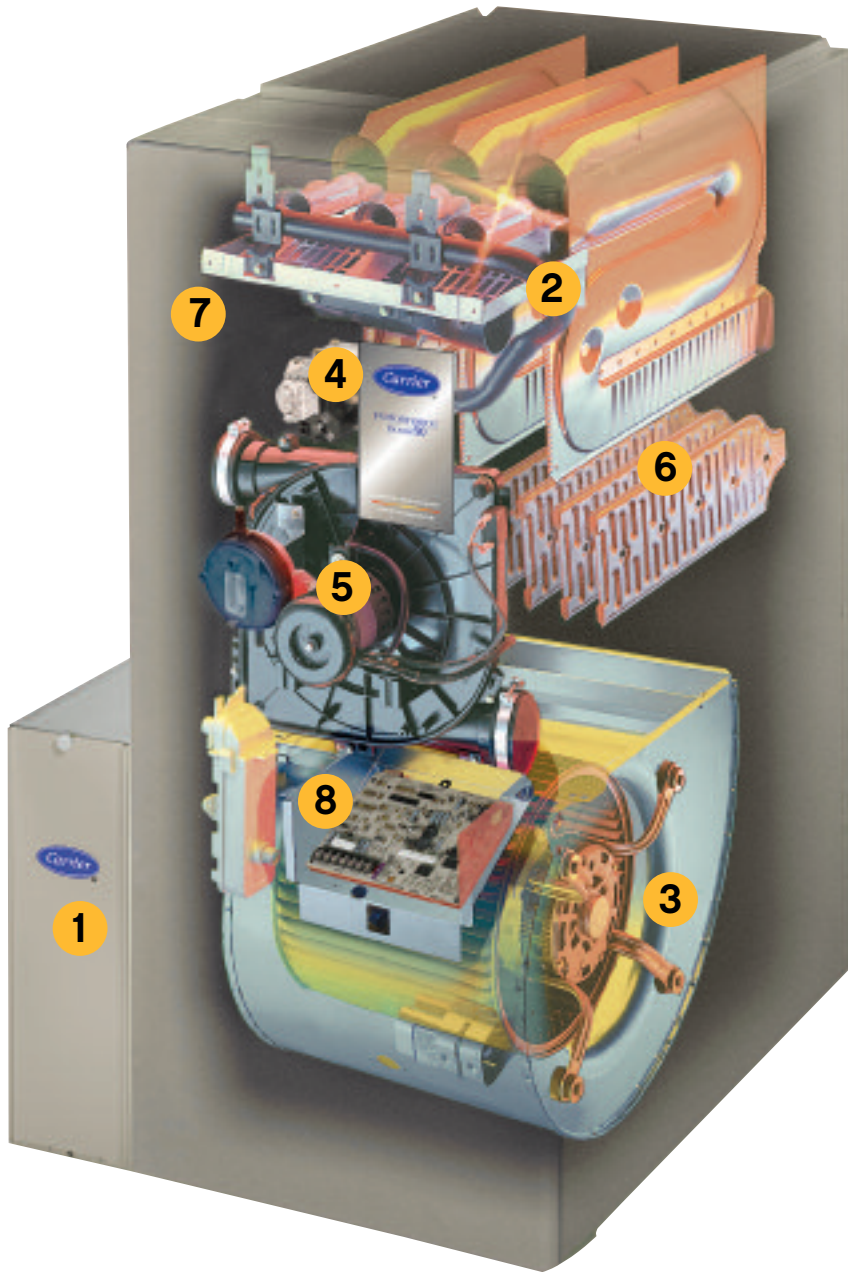
Safety

Built by the most trusted name in the industry, Carrier furnaces heat safely within your home. Carrier pioneered the following safety innovations over a decade before they became an industry requirement:

- 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 service professionals to any potential problems.

Performance™
Boost90

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 Energy-saving blower** – the electronically-controlled, programmed blower motor provides airflow optimized for your home's needs. The blower motor offers higher efficiency performance than most standard PSC-type motors.
- 4 Slow opening gas valve** – helps ensure quiet operation and efficient, reliable performance.
- 5 Inducer fan** – 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 burn and transfer it to warm the air. The primary heat exchanger extracts 80% of the heat while the secondary heat exchanger extracts an additional 11 – 15%, helping to ensure efficient, reliable performance.
- 7 Sealed combustion system** – reduces cold air infiltration while providing quieter operation.
- 8 Patented control board** – allows customized comfort with enhanced temperature maintenance and efficiency at your fingertips.

Specifications

Gas Furnaces	Infinity™ System	Humidity Control	Blower Speed	ComfortHeat™ Technology	AFUE Rating	Heat Stages	SEER Boost
Infinity™ ICS Furnace	✓	Ideal Humidity System® Technology	Variable	✓	Up to 95.0*	Multi	
Infinity 96 Furnace	✓	Ideal Humidity System® Technology	Variable	✓	Up to 96.6*	2	
Performance™ 93 Furnace		Enhanced	4-5	✓	Up to 93.0*	2	
Performance Boost 90 Furnace		Enhanced	4-5	✓	Up to 93.0*	1	✓
Comfort™ 92 Furnace		Enhanced	3-4		Up to 95.5*	1	

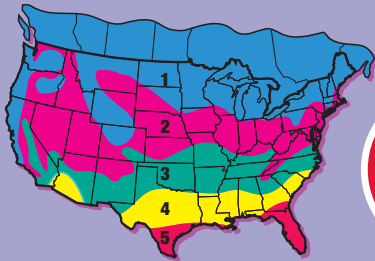
* ENERGY STAR® rated

Limited Warranty

The Performance™ Boost 90 gas furnace provides dependability backed by written warranty protection. The primary and secondary heat exchangers are protected by a lifetime limited parts warranty. The secondary heat exchanger is backed with a 20-year labor warranty. The entire system is covered by a five-year limited parts warranty. Extended warranties are also available. Ask your Carrier® dealer for details.



Efficiency



APPROXIMATE ANNUAL HEATING COSTS

	Typical 10- year old 65% AFUE	Standard Furnace 80% AFUE	Performance™ Boost 90 Up to 93% AFUE
Zone 1	\$ 1,026	\$ 922	\$ 785
Zone 2	\$ 839	\$ 755	\$ 643
Zone 3	\$ 653	\$ 587	\$ 500
Zone 4	\$ 466	\$ 419	\$ 357
Zone 5	\$ 280	\$ 252	\$ 214

Calculations based on 50,000 btuh heating design, using a fuel rate of \$0.626 per therm, an electrical cost of \$0.0867 and the midpoint of the heating load hours for the zone.

To use this table:

1. Determine the AFUE of your current system.
2. From the map determine the zone you live in, enter the table and cross reference your zone with the AFUE of your current system to determine your approximate annual heating costs.
3. Compare your annual heating cost to that of a new system with a higher AFUE.
4. The difference of these two numbers is your estimated annual cost savings.
5. Heating costs include cycled fan operation. Fan costs are for fans set in ON position to run continuously. Subtract fan cost from total cost if unit is not set up to run continuously.

Highly Efficient Gas Furnace with Your Comfort in Mind



Greater Operational Efficiency

Annual Fuel Utilization Efficiency (AFUE) is like gas mileage. The higher the gas mileage or AFUE rating, the more efficient the motor vehicle or gas furnace is. Additionally, because your furnace can be an integral part of your cooling system, it pays to pick a furnace that can boost your cooling efficiency (SEER) during the summer months.

- The Performance™ Boost 90 gas furnace has a rating of up to 93% AFUE, helping reduce your monthly heating costs.
- This furnace can increase the energy efficiency of selected 13- and 14-SEER Carrier® air conditioners up to 1.5 SEER.*

*As compared to the Air Conditioning, Heating and Refrigeration Institute's Standard Coil-Only Rating when paired with selected Carrier evaporator coils.



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.



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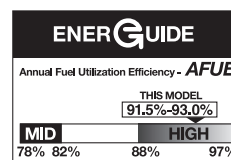
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Stock Symbol UTX.

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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 58MEB



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