

# Infinity™ 15 Packaged Gas Furnace / Air Conditioner System With Puron® Refrigerant



Turn to the Experts.™

INFINITY™ SERIES



Packaged Gas Furnace / Air Conditioner System with up to 15.0 SEER & up to 81% AFUE

## Efficiency

Because the Infinity™ 15 provides both heating and cooling, its efficiency is measured with two distinct ratings. SEER is used to measure cooling efficiency, while AFUE measures heating efficiency.

- SEER and AFUE are like gas mileage ratings. The higher the rating, the more efficient the automobile or system is. The Infinity 15 has up to a 15.0 SEER rating and up to an 81% AFUE.
- While higher efficiency systems may cost more initially, they pay for themselves in utility cost savings over their lifetime.
- Carrier Corporation has determined that the Infinity 15 meets ENERGY STAR® guidelines for energy efficiency.



Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your dealer for details or visit [www.energystar.gov](http://www.energystar.gov).

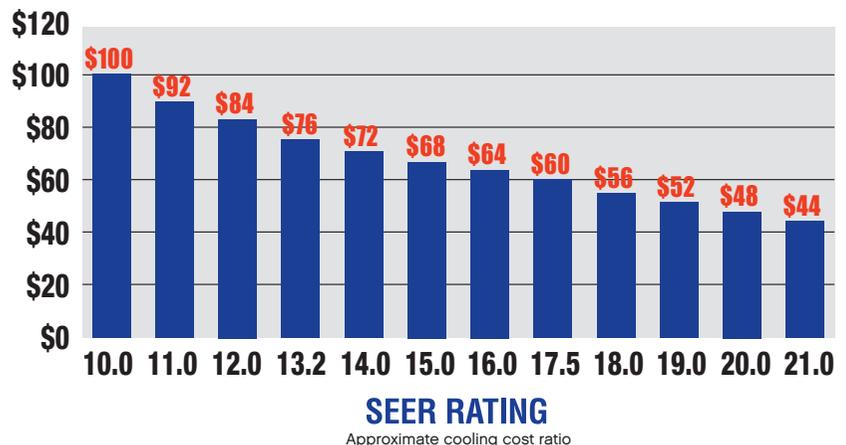
# High-Efficiency Packaged Gas Furnace / Air Conditioner System Designed with Your Comfort in Mind



UP TO  
**15.0**  
SEER  
RATING

## Greater Operational Efficiency

For every \$100 spent to cool your home using a 10.0 SEER packaged gas furnace / air conditioner, a 15.0 SEER system should cost approximately \$68. Actual savings will vary depending on the efficiency of your current system.





# Things to Consider Before You Buy

## Puron® Refrigerant

Puron refrigerant is environmentally sound and won't deplete the ozone layer. Carrier introduced Puron refrigerant a full six years ahead of the competition, paving the way for the future. The Clean Air Act of 1990 prohibits the production of traditional HCFC-based air conditioners and heat pumps by 2010, and bans Freon®-22\* production by 2020. As Freon® production declines, its cost may increase. Freon®-12 in the



automotive industry increased by a whopping 800% seven years after its phase-out! Ensure your cooling costs by investing in systems with Puron refrigerant – environmentally sound, efficient and dependable refrigerant designed for the future. The Carrier® Infinity™ 15 packaged gas furnace / air conditioner system with Puron refrigerant delivers excellent reliability and proven performance.

## 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 an Infinity 15 packaged gas furnace / air conditioner and Carrier-exclusive features that further enhance your indoor environment.

- Packaged gas furnace / air conditioner systems give you the benefits of gas heat and electric cooling in one efficient package. Once you've set your indoor temperature on the Infinity™ Control, the system automatically switches to the appropriate heating or cooling cycle.
- Bothered by that dry, "sticky" feeling in the winter or that muggy feeling in the summer? Add a



*Ideal Humidity*

Carrier humidifier and Infinity Control to your variable speed packaged system for greater comfort with Ideal Humidity System® technology. Ideal Humidity

controls your home's humidity level even when the system isn't actively cooling.† By keeping the proper balance of moisture in your home, you remain more comfortable at higher temperatures in the summer and lower temperatures in the winter.

- The revolutionary Infinity™ System is the only system in the industry that allows you to control temperature, humidity, air quality, fan speed and ventilation, and even detects when your air filter needs to be replaced. It's so advanced it automatically adjusts to your system's needs for peak efficiency and performance. It provides ultimate control for all of your home system components.

## Sound

At Carrier, we think home comfort systems should work quietly, letting you relax without a lot of background noise. The Infinity 15 system has sound ratings as low as 72 dBA.\*\* At Carrier, we believe home comfort shouldn't be at your ears' expense.

### Comparative Sound Ratings

(decibels)



\* Freon is a registered trademark of E. I. DuPont de Nemours & Co.

† Ideal Humidity System technology continually monitors indoor humidity, indoor temperature and outdoor temperature, and has the ability to turn on your comfort system just for dehumidification.

\*\* Per standard testing as described by ARI 270-95. Other sound levels, mentioned for comparison, as published at <http://www.nidcd.nih.gov/health/hearing.ruler.asp>.

# Carrier® Systems for Unmatched Performance

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



**Humidifier** replenishes moisture to dry air.



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



**Infinity™ Control** is the interface to the Infinity™ System. The Infinity System is the only system in the industry that allows you to control temperature, humidity, air quality, fan speed and ventilation.

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

**Infinity™ 15 packaged gas furnace / air conditioner system** combines both an air conditioner and gas furnace in one system and is designed to use environmentally sound Puron® refrigerant and natural gas for economical utility costs throughout the year.



## 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 ensure its performance is up to our standards. Infinity 15 packaged gas furnace / air conditioner systems are tested for applications up to 125 degrees. That's a full 10 degrees higher than industry standards. And, Carrier systems have one of the lowest failure rates in the industry.

## Durability

Neither rain nor hail nor golf or soccer balls can keep a Carrier system from doing its job – they're built tough, inside and out.

### Outside

- Galvanized steel cabinet protects against corrosion, keeping your outdoor unit looking good for years.
- Louvered grille protects the coil against potential hazards often associated with outdoor installation such as rocks, sticks and garden equipment.
- Carrier's innovative base combines a high-tech composite interior for light weight and corrosion resistance with outer base rails for structural integrity and easier handling and rigging for your installing dealer. The sloped drain pan design improves drainage and helps inhibit mold, algae and bacterial growth.
- Three separate access panels make installation and routine maintenance easier.

### Inside

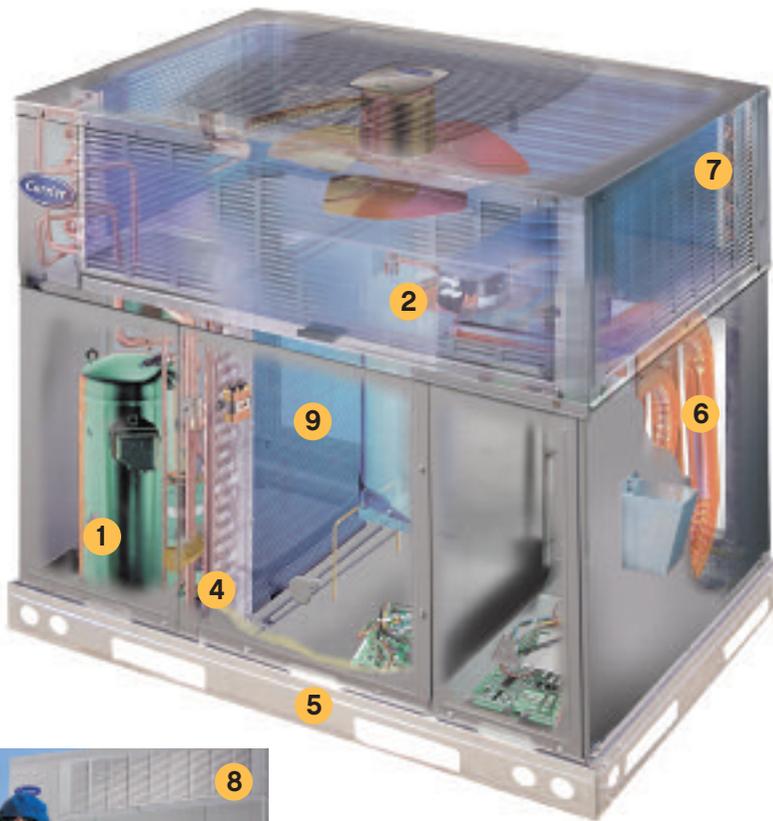
- High- and low-pressure switches turn your system off if harmful conditions are detected.
- Filter drier helps keep the refrigerant system free from excess moisture and debris.
- Stainless steel heat exchanger allows hot gases to make multiple passes across the supply air, optimizing heat transfer and system efficiency. Tough stainless steel coating provides long-lasting corrosion resistance, helping to keep your unit working great from the inside out.
- Thermostatic™ Expansion Valve consistently monitors refrigerant flow for peak operating conditions.

INFINITY™ SERIES

## Technology

**Puron refrigerant** – environmentally sound, replaces Freon-22\* and won't deplete the ozone layer.

- 1 Compressor** – as the heart of the cooling system, this Puron refrigerant-compatible two-stage compressor is available for single- and three-phase operation for reliable, quiet, high-efficiency comfort.
- 2 Variable speed blower motor** – allows the system to work at optimal fan speeds for a variety of conditions while improving indoor humidity and air quality.
- 3 Infinity™ Control** – allows precise temperature and humidity control with programmable features to further customize your comfort.
- 4 Thermostatic™ Expansion Valve** – consistently monitors refrigerant flow for peak operating conditions.
- 5 Innovative base** – On the inside, a high-tech composite material will not rust. Sloped drain pan improves drainage to help inhibit mold, algae and bacterial growth. Outside, metal base rails provide added stability as well as easier dealer handling and rigging.
- 6 Turbo-Tubular™ heat exchanger** – allows hot gases to make multiple passes across the supply air, optimizing heat transfer and system efficiency. Tough stainless steel provides long-lasting corrosion resistance, helping to keep your unit working great from the inside out. Two-stage gas heat provides comfort and savings.
- 7 Galvanized steel cabinet with louvered grille** – protects the coil against potential hazards often associated with outdoor installation such as rocks, sticks and garden equipment.
- 8 All-in-one versatility** – with most models weighing less than 500 pounds, this system gives you the flexibility for rooftop installation when space is a concern.
- 9 Optional ArmorCoat™ tin-plated coil** – provides superior corrosion resistance compared to our standard copper tube/aluminum fin coil for longer life. Tin-plated coil is backed with a 10-year limited warranty.



## Specifications

Small Packaged	Infinity™ Controls Capable	Standard Variable Speed Fan	Ideal Humidity System™ Technology	Thermostatic Expansion Valve	Puron® Refrigerant	SEER	Up to 81% AFUE	EnviroTuff™ Base	ENERGY STAR®
Infinity™ 15	✓	✓	✓	✓	✓	15.0	✓	✓	✓
Performance™ Series				✓	✓	14.0	✓	✓	✓
Comfort™ Series*				✓	✓	13.0	✓	✓	

## Limited Warranty

To the original owner, the Carrier® Infinity™ 15 packaged gas furnace / air conditioner system is covered by a 10-year parts limited warranty upon timely registration of your new equipment.<sup>1</sup> Stainless steel heat exchangers carry a lifetime parts limited warranty.<sup>2</sup> Copper indoor evaporator coil is covered by a five-year parts limited warranty. Optional tin-plated evaporator coil is covered by a 10-year parts limited warranty. Ask your Carrier dealer about optional extended warranties, which may include labor.

(1) Warranty period is five-year parts limited warranty 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 for complete details.

(2) Warranty period is 20-year parts limited warranty on stainless steel heat exchanger if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a lifetime parts limited warranty.

\* Freon is a registered trademark of E.I. DuPont de Nemours & Co.





## 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)

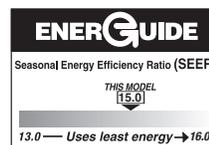
1-800-CARRIER

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

© Carrier Corporation 2009

01-848-200-25

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.  
Model 48XL



Always look for these symbols, the air conditioning and heating industries seals of certified performance, efficiency and capacity.