

Comfort™ 13 Packaged Gas Furnace / Air Conditioner System



Turn to the Experts.™

Comfort[™]
SERIES



Comfort and Efficiency in One System

Efficiency

Because the system provides both heating and cooling, its efficiency is measured with two distinct ratings. Seasonal Energy Efficiency Ratio or SEER is used to measure cooling efficiency, while Annual Fuel Utilization Efficiency or AFUE measures heating efficiency.

- SEER and AFUE are like gas mileage. The higher the miles per gallon rating, the more efficient the automobile or system is. The Comfort 13 system has a 13.0 SEER rating and up to 81% AFUE.



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 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% in a short seven years! Ensure your cooling costs by investing in systems with Puron refrigerant – the environmentally sound, efficient and dependable refrigerant designed for the future. The Carrier® Comfort™ 13 packaged gas furnace / air conditioner with Puron refrigerant meets the requirements of the Clean Air Act while providing excellent energy efficiency, reliability and proven performance.

Durability

Outside

- We've engineered the top for good looks and performance – its rigid build and large fan opening help ensure reduced vibration for quiet operation.
- Galvanized steel cabinet protects against corrosion, keeping your outdoor unit looking good for years to come.
- Wire grille protects the coil against potential hazards often associated with outdoor installation.
- 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.
- Three separate access panels make installation and routine maintenance easier.

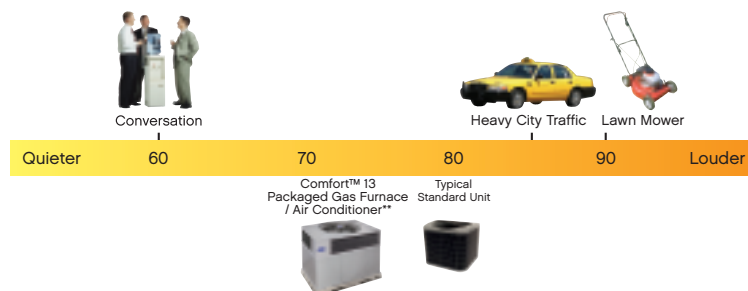
Inside

- Liquid refrigerant strainers help keep the refrigerant system free from excess debris.
- Indoor and outdoor fan motors help reduce energy consumption and provide for trouble-free operation.

Sound

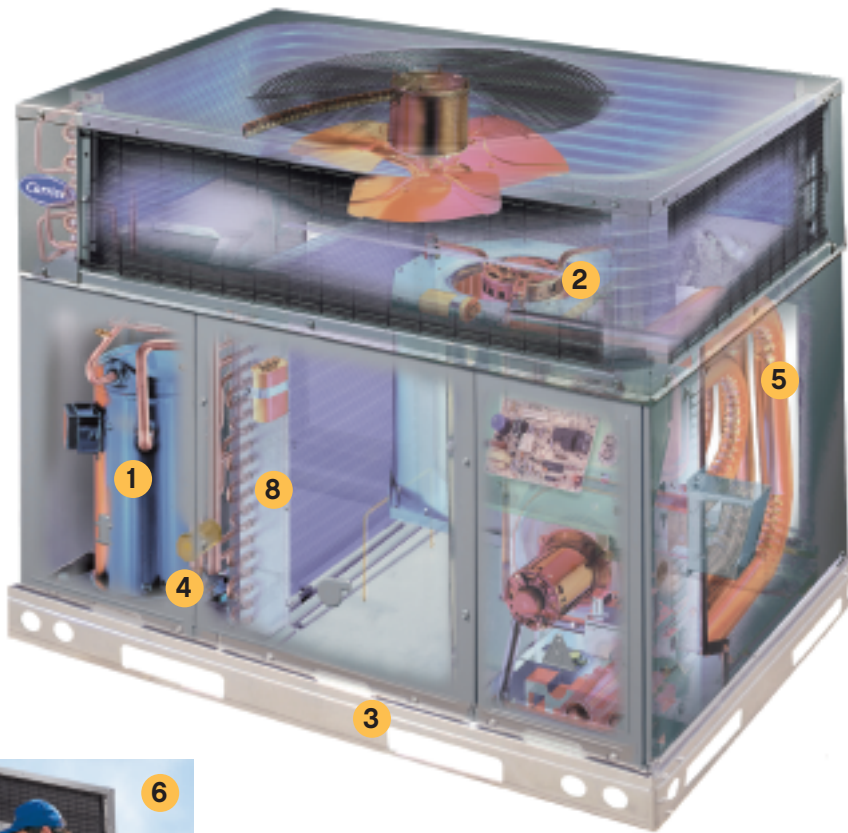
Carrier believes home comfort systems should work quietly, letting you relax without a lot of background noise. The Comfort 13 system has sound ratings as low as 72 dBA.** At Carrier, we believe home comfort shouldn't be at your ears' expense.

Comparative Sound Ratings (decibels)



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

** 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>.



Technology

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

- 1 Compressor** – as the heart of the cooling system, this compressor is designed for smooth-running, durable operation.
- 2 Energy-saving blower** – optimizes airflow for your home's cooling needs with an electronically controlled, programmable motor. This motor delivers higher efficiency than standard, PSC-type motors.
- 3 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.
- 4 Thermostatic™ Expansion Valve** – consistently monitors refrigerant flow for peak operating conditions.
- 5 Turbo-Tubular™ heat exchanger** – allows hot gases to make multiple passes across the supply air, optimizing heat transfer and system efficiency. Tough aluminum provides long-lasting corrosion resistance, helping to keep your unit working great from the inside out.
- 6 All-in-one versatility** – with most models weighing less than 500 pounds, this system gives you the flexibility to install it on the roof when space is a concern.
- 7 Enhanced dehumidification** – with our optional Thermidistat™ Control allows you to enjoy improved energy efficiency and comfort during the cooling season.
- 8 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	Humidity Management	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® Comfort™ 13 packaged gas furnace / air conditioner system is covered by a 10-year parts limited warranty upon timely registration of your new equipment.¹ Aluminized heat exchangers carry a 10-year parts limited warranty. Optional stainless steel heat exchangers carry a lifetime parts limited warranty.² 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 optional 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.

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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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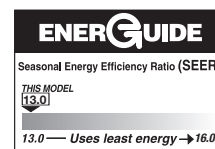
1-800-CARRIER

A member of the United Technologies Corporation family.
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 48ES



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