

# Comfort™ 13 Packaged Heat Pump System



Turn to the Experts.™

**Comfort**<sup>™</sup>  
SERIES



Comfort and Efficiency in One System

## Efficiency

- Seasonal Energy Efficiency Ratio or SEER is like gas mileage. The higher the miles per gallon rating, the more efficient the automobile or system is. The Comfort 13 has a 13.0 SEER rating.



- Heating Seasonal Performance Factor or HSPF is also like gas mileage. The Comfort 13 has an HSPF rating of up to 7.7.

- While higher efficiency systems may cost more initially, they pay for themselves in utility cost savings over their lifetime.

## Greater Operational Efficiency

For every \$100 you spend using a 10.0 SEER packaged system, a 13.0 SEER system should cost about \$76. Actual savings will depend on the efficiency of your current system compared to the efficiency of a new 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 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 heat pump system 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.
- Compressor short-cycling protection is built into our defrost control board. This feature provides peace of mind by ensuring a five-minute span between compressor run cycles.

### Sound

Carrier believes home comfort systems should work quietly, letting you relax without a lot of background noise. The Comfort 13 packaged heat pump 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)



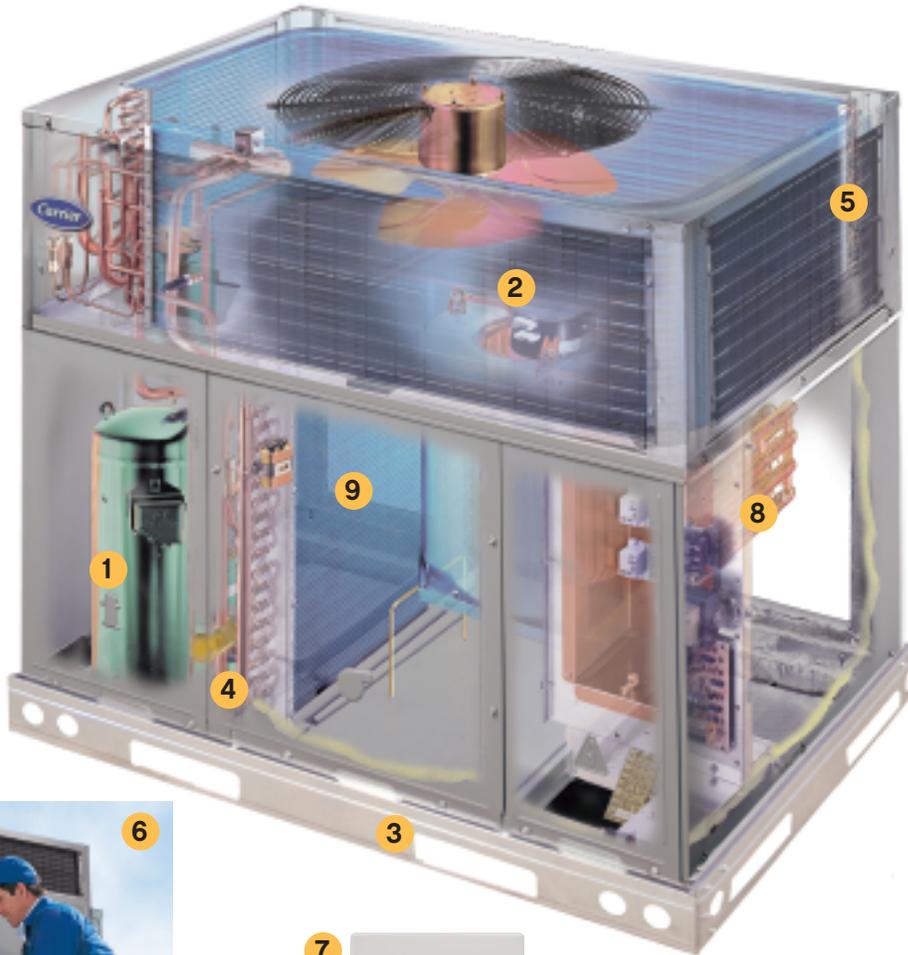
\* Freon is a registered trademark of E. I. DuPont de Nemours & Co.

\*\* 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 heat pump system, the compressor provides reliable, quiet, high-efficiency comfort.
- 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 Galvanized steel cabinet with wire grille** – protects the coil against potential hazards often associated with outdoor installation.
- 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 Thermidista™ Control allows you to enjoy improved energy efficiency and comfort during the cooling season.
- 8 Optional electric strip heater** – adds an electrical resistance heating element for indoor comfort during extreme outdoor conditions. Offered in a variety of sizes depending on your heating needs.
- 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	Humidity Management	Thermostatic Expansion Valve	Puron® Refrigerant	SEER	HSPF Heating Seasonal Performance Factor	EnviroTuff™ Base	ENERGY STAR®
Infinity™ 15	✓	✓	✓	✓	✓	15.0	8.0	✓	✓
Performance™ Series			✓	✓	✓	14.0	8.0	✓	✓
Comfort™ Series*			✓	✓	✓	13.0	7.7	✓	

## Limited Warranty

To the original owner, the Carrier® Comfort™ 13 packaged heat pump system is covered by a 10-year parts limited warranty upon timely registration of your new equipment.\* 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.

\* 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.

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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.



Turn to the Experts.™

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

1-800-CARRIER

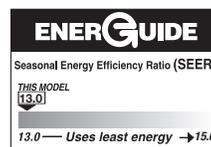
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Stock Symbol UTX.

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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 50EZ



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