

# Performance™ Series Air Conditioners with Puron® Refrigerant



Turn to the Experts.™

Performance™  
SERIES



High Efficiency Air Conditioners with up to 15.5 SEER

# 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 reduces, its cost is predicted to 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 — environmentally sound, efficient and dependable refrigerant designed for the future. Carrier's Performance™ Series air conditioners with Puron® refrigerant deliver excellent reliability and proven performance.

## Comfort

Carrier specializes in creating a customized home comfort system tailored to your needs with our broad selection of 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.

- The highly efficient fan quietly moves outdoor air at lower speeds to help minimize noise and maximize cooling capabilities.
- Bothered by that dry, staticky feeling in the winter or that muggy feeling in the summer?
  - IdealHumidity™ monitors and adjusts your home's humidity level even when the system isn't actively heating or 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. Add a Carrier humidifier, variable-speed furnace or fan coil and Thermidistat™ Control to achieve IdealHumidity™ in your home.

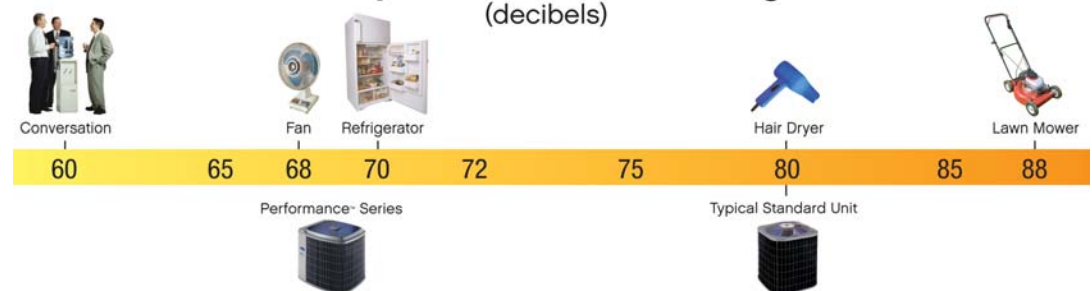


*IdealHumidity™*

## Sound

Carrier's exclusive Silencer System ensures extra-quiet performance by maximizing airflow while minimizing vibration. With sound ratings as low as 69 dBA, Carrier's Performance™ Series air conditioners make less noise than a refrigerator. In fact, it takes up to fifteen Performance™ Series air conditioners operating at the same time to equal the sound produced by one typical air conditioner.

### Comparative Sound Ratings (decibels)



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

# 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.

**Furnace** provides reliable, high-efficiency heating for long-lasting comfort and energy savings. Available in high-efficiency gas- and oil-based fuel sources.

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

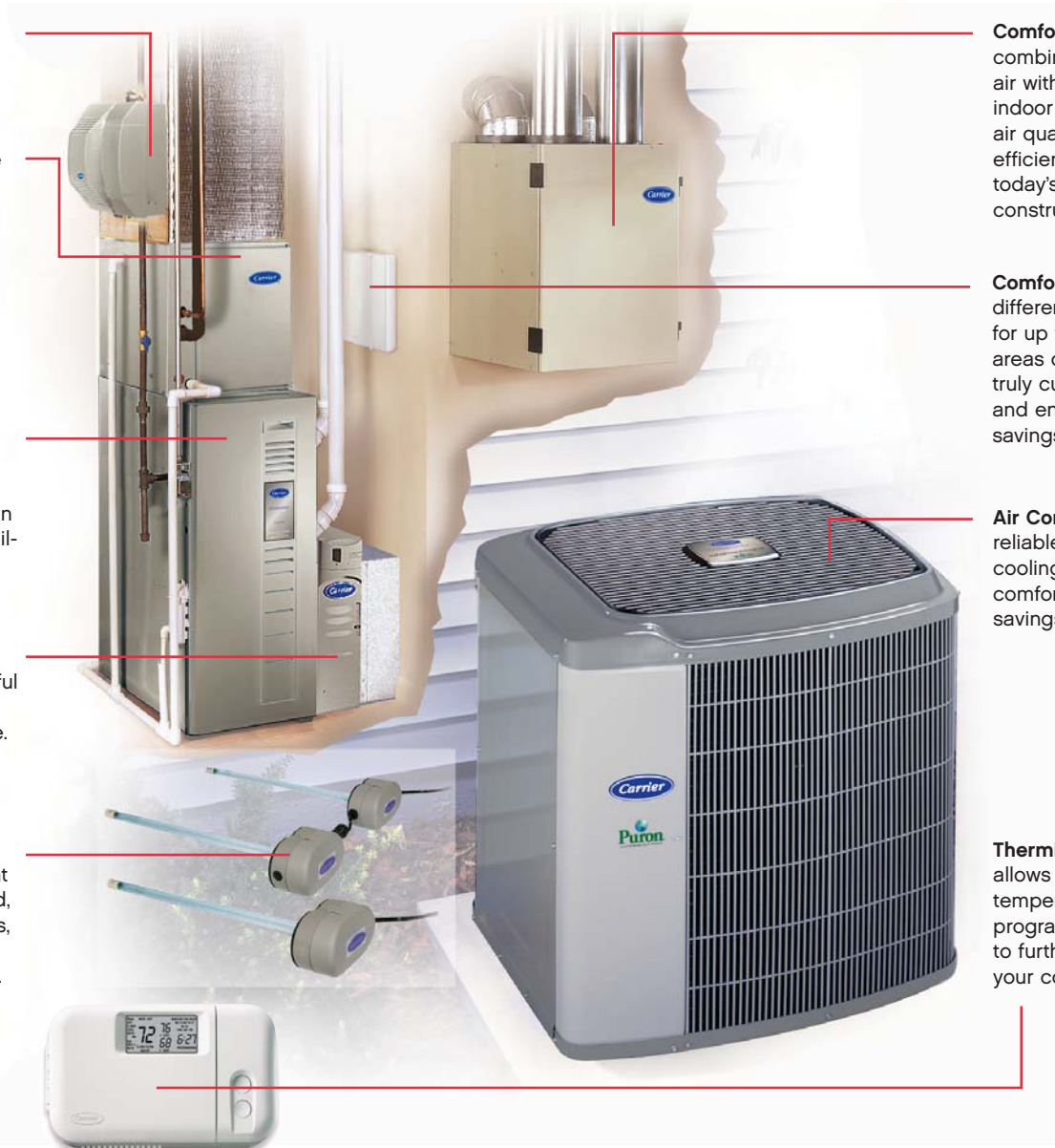
**Ultraviolet Germicidal Lamp** reduces the amount of pollutants such as mold, bacteria, fungi and viruses, leaving your home with cleaner, fresher indoor air.

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

**Comfort 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.

**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 the finished product, we test each and every product to exceed industry standard requirements. In fact, Carrier designs every air conditioner for applications up to 125 degrees. That's a full 10 degrees higher than the industry standard.

## Durability

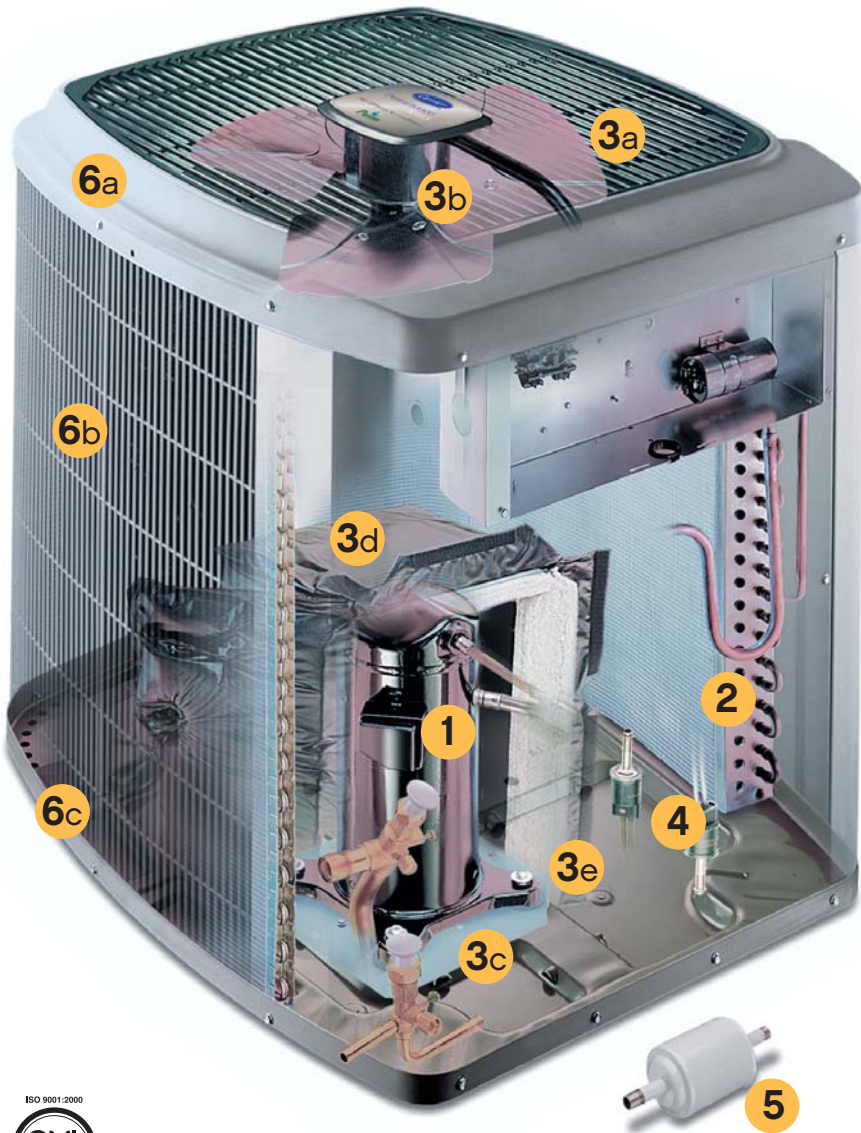
Neither rain nor hail nor golf or soccer balls can keep a Carrier system from doing its job – they're built tough inside and out.

### Outside

- WeatherArmor™ III protection keeps your system looking and operating its best for years to come.
- Galvanized steel cabinet protects against corrosion, keeping your outdoor unit looking good for years.
- Heavy-duty wire grille prevents coil damage and promotes optimum airflow through the unit while making cleaning easy.

### Inside

- High- and low-pressure switches turn your outdoor unit off if harmful conditions are detected.
- Filter drier removes moisture and debris before it affects compressor efficiency and performance.
- Carrier's scroll compressor design has the most trouble-free performance record of any compressor on the market today. An extra-thick shell protects the life of the compressor for excellent reliability.



This product is designed and manufactured under the ISO 9001:2000 registered quality system.

## Technology

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

- 1 Scroll compressor** – as the heart of the air conditioner, the compressor pumps refrigerant through the system.
- 2 Copper tube/aluminum fin coil** – transfers heat outside to maximize indoor cooling while resisting corrosion.
- 3 Carrier's exclusive Silencer System** is designed for quieter operation by minimizing vibration and uses special insulation that helps absorb sound. The five key components include:
  - a. Silencer Top
  - b. Integrated fan motor and blade design
  - c. Compressor vibration isolator plate
  - d. Sound hood
  - e. Split-post compressor grommets
- 4 High- and low-pressure switches** – protect the system from damage by shutting off if harmful conditions are detected.
- 5 Filter drier** – constantly filters the refrigerant to remove moisture or other contaminants that can harm your air conditioning system.
- 6 WeatherArmor™ III protection package** – combines three design elements that protect your comfort.
  - a. Galvanized steel cabinet
  - b. Heavy-duty wire grille
  - c. Ceramic-coated screws

## Specifications

Air Conditioners	Infinity™ System	Two-Speed Compressor	Scroll Compressor	SEER	Energy Star®	Puron® Refrigerant	Silencer System	Sound Ratings Under 75 dB
Infinity™ 18	✓	✓		15.0, up to 18.0	✓	✓	✓	✓
Performance™ Series			✓	11.0, up to 15.5	✓*	✓	✓	✓
Comfort™ Series			✓**†	10.0 - 12.0	✓*		✓**	✓**

\*System combinations that achieve 13.0 SEER or higher

\*\*Excludes Comfort™ 10 air conditioners

†Compressor may vary. Ask your dealer for details.

## Warranty

Carrier Performance™ Series air conditioners include a ten-year limited warranty on the compressor and a five-year limited warranty on the entire unit. Extended warranties are also available. Ask your Carrier dealer for details.



## Efficiency

Seasonal Energy Efficiency Ratio or SEER number is like gas mileage. The higher the gas mileage or SEER, the more efficient the automobile or system is. With energy costs on the rise, a Carrier Performance™ Series air conditioner can help lower your utility costs.

- Carrier's Performance™ Series air conditioners are available with efficiency ratings of up to 15.5 SEER.
- As an ENERGY STAR® partner, Carrier Corporation has determined that the Performance™ Series air conditioners that achieve system combinations of 13.0 SEER or higher meet ENERGY STAR® guidelines for energy efficiency.

UP TO  
**15.5**  
SEER  
RATING

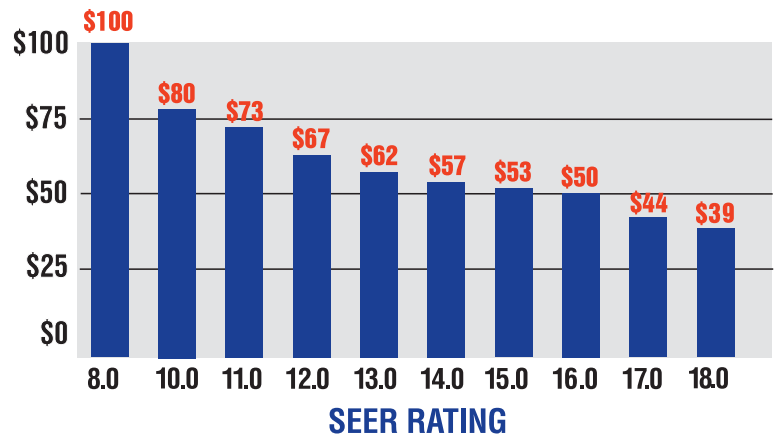


## High Efficiency Air Conditioners Designed with Your Comfort in Mind



## Greater Operational Efficiency

For every \$100 spent to cool your home using an 8.0 SEER air conditioner, a 14.0 SEER air conditioner should cost you approximately \$57. Actual savings will depend on the efficiency of your current system compared to the efficiency of a new system.





## 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

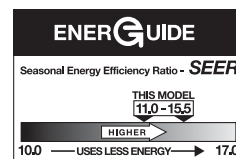
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Stock Symbol UTX.

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

Models 38TSA, 38TXA, 38TZA, 38TPA



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