

# Comfort™ Series Air Conditioners with Puron® Refrigerant



Turn to the Experts.™

**Comfort™**  
SERIES



Cool and Energy-Efficient Indoor Comfort

## Efficiency

Seasonal Energy Efficiency Ratio, or SEER, is like gas mileage. A higher SEER rating means a more energy-efficient air conditioning system. As of mid-January of 2006, the U.S. Department of Energy requires home cooling systems to meet a minimum rating of 13.0 SEER. Carrier was one of the first leading air conditioner manufacturers to fully support this environmentally sound mandate.



Carrier's Comfort Series air conditioners are available with efficiency ratings starting at 13.0 and 14.0 SEER.

As an ENERGY STAR® partner, Carrier Corporation has determined that Comfort Series air conditioners that achieve system combinations of 14.5 SEER and 12.0 EER or higher meet the ENERGY STAR guidelines for energy efficiency.



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your dealer for details or visit [www.energystar.gov](http://www.energystar.gov).



## 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 following its phase-out!

Ensure your cooling costs by investing in systems with Puron refrigerant – environmentally sound, efficient and dependable refrigerant designed for the future. Carrier® Comfort Series air conditioners with Puron refrigerant deliver excellent efficiency, 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 a Comfort Series air conditioner and Carrier-exclusive features that further enhance your indoor environment.

### Durability

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

#### Outside

WeatherArmor™ protection and galvanized steel cabinet protect against corrosion and keep your system looking its best for years.

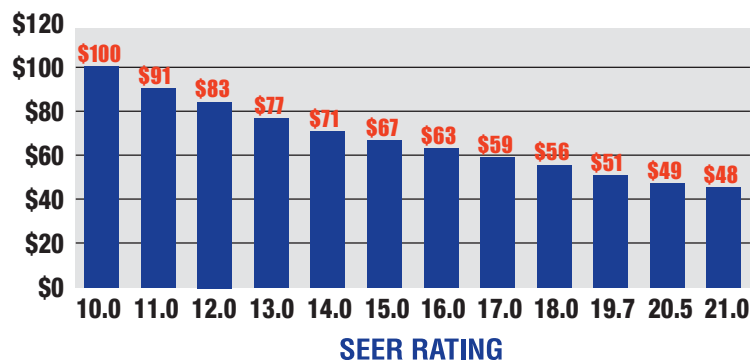
Louvered steel coil guard promotes optimum airflow through the outdoor unit and prevents coil damage from rocks, sticks, lawn and sports equipment and more.

#### Inside

Carrier's compressor design has the most trouble-free performance record of any compressor on the market today.

### Greater Operational Efficiency

For every \$100 spent to cool your home using a 10.0 SEER air conditioner, a 16.0 SEER air conditioner should cost you approximately \$63. Actual savings will depend on the efficiency of your current system compared to the efficiency of a new system.



Operating cost estimate based on a 3-ton system.

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

## Technology

**Puron refrigerant** – environmentally sound and won't deplete the ozone layer.

- 1 Aerodynamic top** – enhances airflow through the outdoor unit, and reduces noisy turbulence.
- 2 Compressor** – the heart of the cooling system, the compressor pumps refrigerant through the system.
- 3 Copper Microtube™/aluminum fin coil** – transfers heat outside to maximize indoor cooling while resisting corrosion.
- 4 WeatherArmor™ protection package** – combines design elements that protect your comfort:
  - a. Galvanized steel cabinet
  - b. Louvered steel coil guard
  - c. Baked-on powder paint
- 5 Filter drier** – constantly filters the refrigerant to remove moisture or other contaminants that can harm your air conditioner.
- 6 High- and low-pressure switches** – protect the system from extreme conditions.



## Specifications

Air Conditioners	Infinity™ System	Infinity™ Controls	Two-Stage Compressor	Scroll Compressor	SEER Rating	Energy Star®	Puron® Refrigerant	Silencer System II™	Sound Ratings Under 75 dB
Infinity™ 21					Up to 21.0				
Infinity™ 17					Up to 17.0				
Performance™ Series		*			Up to 16.0	*	*		
Comfort™ Series					Up to 16.0	*	*		*

\*Not available on all models

## Limited Warranty

To the original owner, the Carrier® Comfort Series air conditioner is covered by a 10-year parts limited warranty upon timely registration of your new equipment.\* Ask your Carrier dealer about optional extended warranties, which may include labor.

\*Warranty period is five years if not registered within 90 days. Jurisdictions where warranty restrictions are not allowed will automatically receive a 10-year warranty. See warranty certificate at carrier.com for complete details.





## 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)

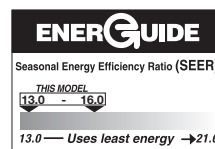
1-800-CARRIER

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

© Carrier Corporation 2009

01-824-021-25

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.  
Models 24ACB3, 24ACB4



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