

# Performance™ Series Fan Coils



Turn to the Experts.™

Performance™  
SERIES



Carrier's High-Efficiency Fan Coils

## Efficiency

With energy costs on the rise, a Carrier variable speed fan coil can help improve your Seasonal Energy Efficiency Ratio or SEER number by up to two points. SEER is like gas mileage. The higher the gas mileage or SEER, the more efficient the automobile or system is. While a higher efficiency system can cost more to purchase, it can pay for itself over the lifetime of the system by lowering utility bills.

- The variable speed fan motor operates on its lowest speed 90% of the time, costing approximately \$14 a year to use while running in its continuous fan mode. Compared to a standard fan coil operating at higher speeds and costing approximately \$163 per year, you'll see a savings of \$149.
- Operating on its lowest speed, the variable speed fan motor is efficient and quieter than a standard fan coil.
- The Performance™ Series fixed-speed fan coil provides efficient operation as well. Designed-in parts help to maximize efficiency while minimizing your utility costs.



## 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 fan coils allow you to maximize your system's efficiency while making an environmentally sound choice.

## 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 Carrier-exclusive features that further enhance your indoor environment.

- The Performance™ Series variable speed fan coil's longer heating and cooling cycles help to eliminate hot or cold spots, keeping a more even temperature throughout your home.
- Bothered by that dry, staticky feeling in the winter or that muggy feeling in the summer? Add a Thermidistat™ Control to your variable speed Performance™ Series fan coil.

them warmer during the day?

Customize your home's indoor environment to your household needs and personal preferences



with Carrier's Thermidistat™ Control.

- The Performance™ Series variable speed fan coil's ECM motor and Easy-select Board combine to generate noticeably warmer air during colder weather than a standard heat pump system.
- The continuous fan mode circulates indoor air, even when not actively heating or cooling, improving air quality and enhancing comfort.



*IdealHumidity™*

- IdealHumidity™ controls 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 – better efficiency means lower utility costs.
- The Thermidistat™ Control helps you control your temperatures and humidity levels with an easy-to-use programmable thermostat. Want to cool things down at night but keep

## Operational Cost



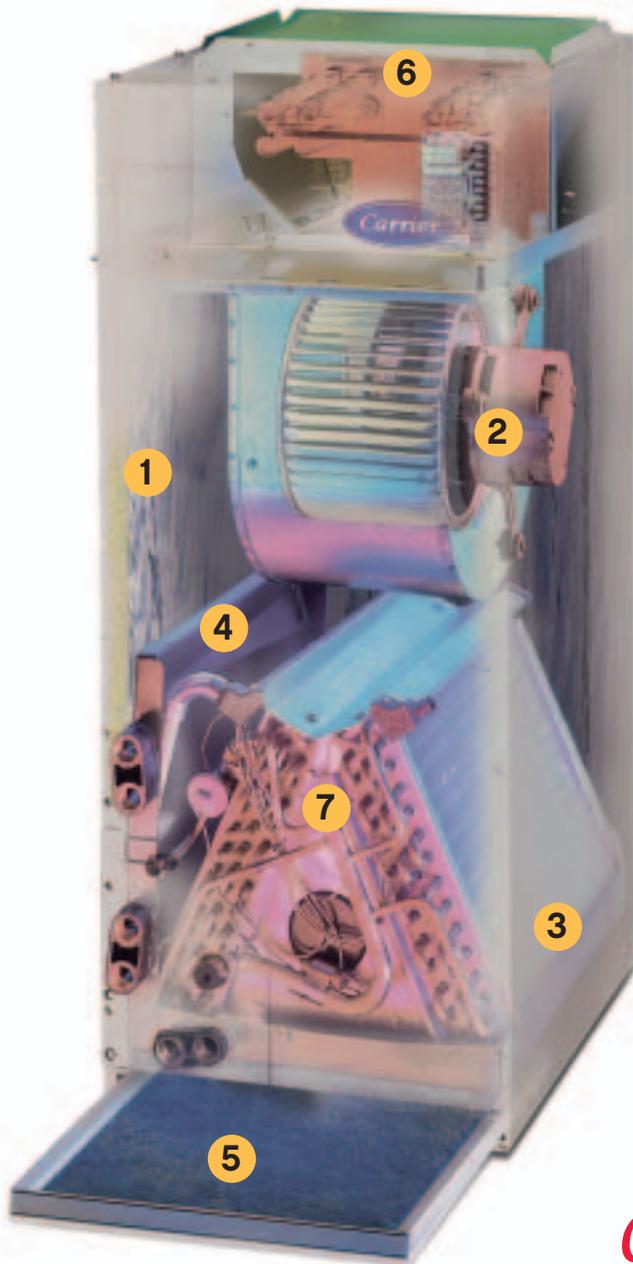
Annual savings realized with a Performance™ fan coil is approximately \$149.

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

## Technology

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

- 1 **Foil-faced insulation** – helps isolate sound, reduces bacterial growth and features an easy-to-clean surface.
- 2 **ECM variable speed motor and easy-select board** – increase system efficiency up to 2 full SEER points while using as little as 40 watts to operate. They combine to generate noticeably warmer air during the heating season than a standard heat pump system. A Thermostat Control can be added to your variable speed Performance™ Series fan coil to remove up to 30 times more humidity from the air, increasing your home comfort during the summer months.
- 3 **Airtight cabinets** – keep cold air inside and help direct it within your ductwork for greater efficiency.
- 4 **Permanent washable filter** – can be cleaned and reinstalled for economic air filtration.
- 5 **Enhanced drain pan design** – allows complete drainage to improve indoor air quality.
- 6 **Electric resistance heaters** – maintain heat consistency during extremely cold temperatures.
- 7 **Thermostatic expansion valve** – precisely controls refrigerant distribution for improved comfort and cost-savings.



Model FV4



## Specifications

Fan Coils	Infinity™ System	True Sense Filter Sensor	Puron® Refrigerant	Variable Speed Fan	ComfortHeat™ Technology	IdealHumidity™	Permanent Washable Filter	Enhanced Drain Pan Design
Infinity™ Series	✓	✓	✓	✓	✓	✓	✓	✓
Performance™ Series	✓	✓	✓	✓*	✓*	✓*	✓	✓
Comfort™ Series	✓	✓	✓	✓*	✓	✓	✓	✓

\*Available only in fan coils with variable speed motors.

## Warranty

Every Performance™ Series fan coil is protected by a five-year limited warranty on the entire unit. Extended warranties are also available. Ask your Carrier dealer for 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.<sup>SM</sup>

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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.



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