

Infinity™ Series Fan Coil



Turn to the Experts.™

INFINITY SERIES



Carrier's Variable Speed, High Efficiency Fan Coil

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.

- Operating on its lowest speed, the variable speed fan motor is efficient and quieter than a standard fan coil.
- 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.



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

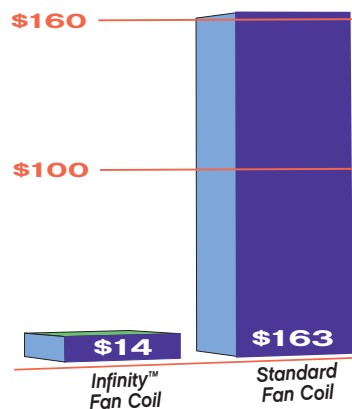
future. Carrier's Infinity™ Series fan coil allows you to maximize your system's efficiency while making an environmentally sound choice.

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 revolutionary Infinity™ System is the only system in the industry that allows you to control temperature, humidity, air quality, fan speed, and ventilation; and even detects if your air filter needs replacing. It's the ultimate control center for all of your home system components.
- Bothered by that dry, staticky feeling in the winter or that muggy feeling in the summer? Add a Carrier humidifier and Infinity™ Control to your variable speed Infinity™ Series fan coil. IdealHumidity™ controls your home's humidity level even when the system isn't actively heating or cooling.
- The Infinity™ 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.
- The Infinity™ 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.

Operational Cost



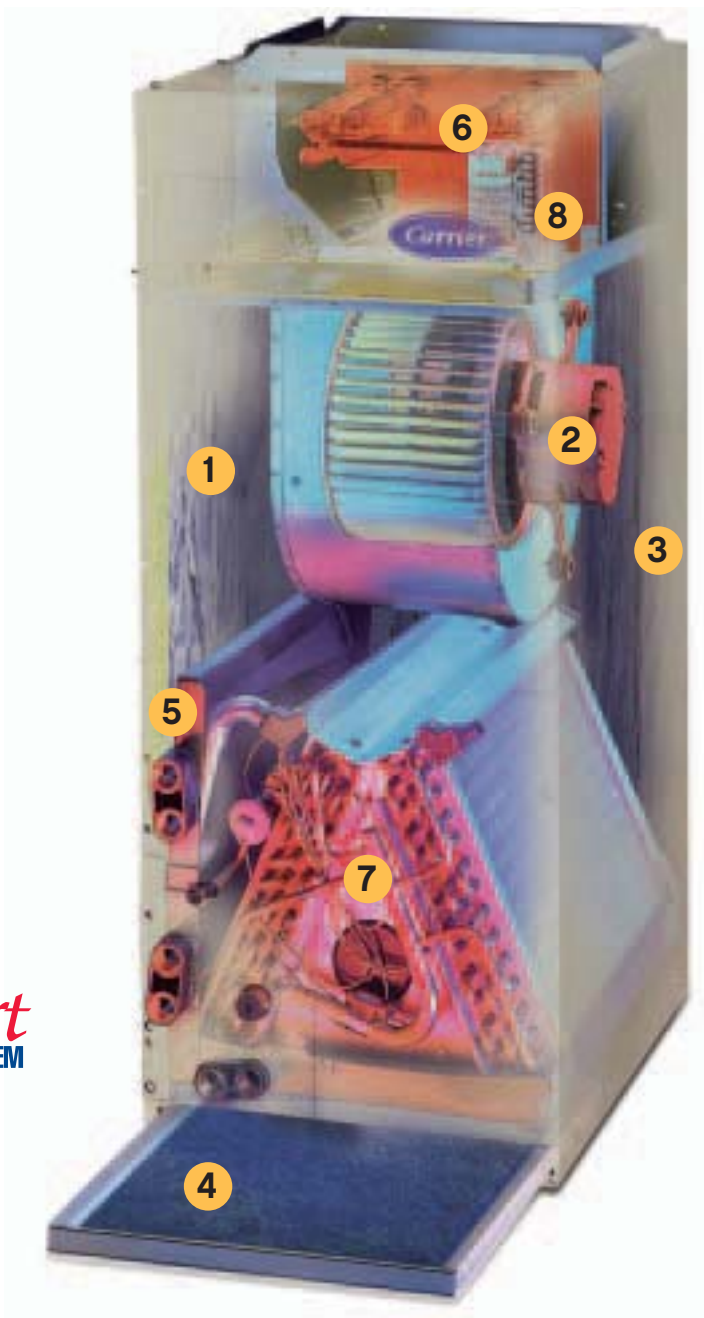
Annual savings realized with an Infinity™ fan coil is approximately \$149.

* 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** – increases 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. Add the Infinity™ Control to your Infinity™ Fan Coil and remove up to 30 times more humidity from the air than with a standard fan coil to increase your home comfort during the summer months.
- 3 Airtight cabinets** – keep air inside and 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.
- 8 Infinity™ control board** – allows the fan coil to connect to the Infinity™ Control for the ultimate comfort control. Smart electronics keep track of previous cycles and allow the system to automatically adjust the heating and cooling stages for the best comfort and energy efficiency.



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

The Infinity™ 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.

