

# Comfort™ Series Fan Coils



Turn to the Experts.™



## **Comfort** SERIES



Carrier's Highly Efficient Fan Coils

## Efficiency

With energy costs on the rise, a Carrier Comfort™ Series variable speed fan coil (FK4) 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.

- Comfort™ Series fixed speed fan coils provide efficient operation as well. Designed-in parts help to maximize efficiency while minimizing your utility costs.
- The FC4 and FK4 comfort fan coils utilize a thermostatic expansion valve for precise refrigerant use and enhanced heating and cooling control.
- The FB4 utilizes our AccuRater® technology to meter refrigerant and ensure economical operation.

## Things to Consider Before You Buy

### 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.

- Carrier's Comfort™ Series fan coils are designed to deliver exceptional air quality and comfort.
- Comfort™ Series fan coils are equipped with a fully drainable pan and heavy-duty insulation enhanced with a foil liner.
- The Comfort™ Series FK4 fan coil's longer heating and cooling cycles help to eliminate hot or cold spots, keeping a more even temperature throughout your home.
- The Comfort™ Series FK4 fan coil's ECM motor and easy-select board combine to generate noticeably warmer air during colder weather than a standard heat pump system.
- Bothered by that dry, sticky feeling in the winter or that muggy feeling in the summer? Add a Thermidistat™ Control to your variable speed Comfort™ Series fan coil.



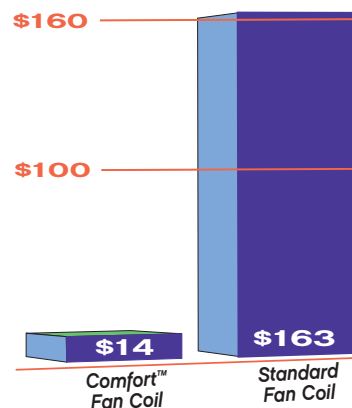
*IdealHumidity™*

- 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.

### Greater Operational Efficiency

The FK4's 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.

#### Operational Cost



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

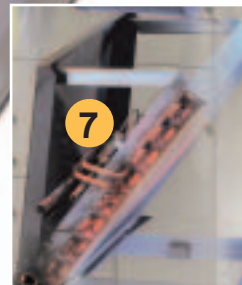
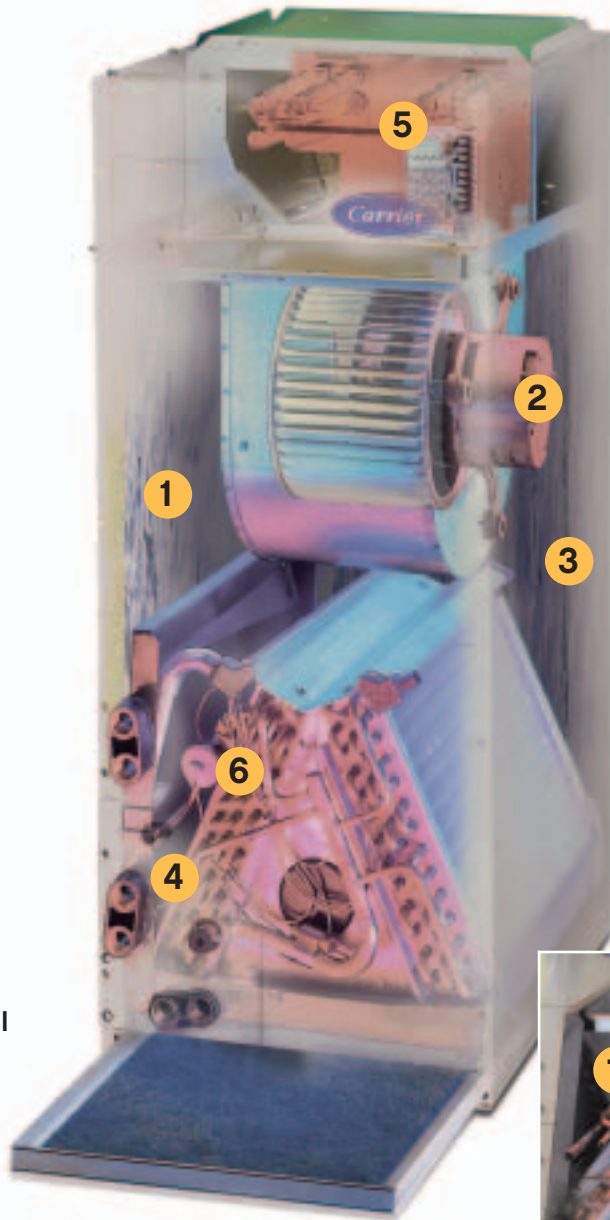


## Technology

- 1 **Foil-faced insulation** – helps isolate sound, reduces bacterial growth and features an easy-to-clean surface.
- 2 **FK4 fan coil's 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. A Thermidistat™ Control can be added to your variable speed Comfort™ 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 direct it within your ductwork for greater efficiency.
- 4 **Enhanced drain pan design** – allows complete drainage to improve indoor air quality.
- 5 **Electric resistance heaters** – maintain heat consistency during extremely cold temperatures.
- 6 **FK4 and FC4 thermostatic expansion valve** – precisely controls refrigerant distribution for improved comfort and cost-savings.
- 7 **FB4 fan coil's AccuRater™ refrigerant monitoring** – is matched with your outdoor unit to ensure economical operation.



Model FK4 fan coil



Model FB4 fan coil

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

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