



Turn to the experts

# COMFORT™ SERIES FJ4 FAN COIL

The new FJ4 fan coil offers the proven technology of Carrier fan coil units with new features and enhancements that deliver overall improved performance, more flexibility, and simpler serviceability. And with the latest technology in ECM motors and optimized coil, these fan coils meet the new 2023 DOE regulatory requirements when paired with 2023-compliant heat pumps and air conditioners.

## Product Features and Benefits

### Improved Performance

- Multi-tap, higher efficiency ECM (electronic commutating motor) motor on all sizes
- Improved blower housing and wheel assembly
- Large, grooved tube, louvered fin coils
- Leak-preventing sweat connections
- Factory installed Thermostatic expansion valve, TXV, on all coils
- Newly improved filter rack and added filter door insulation for better air seal.

### Durability/Reliability

- ArmorTech™ technology for better corrosion resistance of coils
- Contoured condensate pans with rugged drain connections ensure that little water is left in unit at end of cooling cycle
- Corrosion free drain pans and lack of standing condensate means improved IAQ and product life
- Pre-painted galvanized steel cabinet (taupe metallic)
- Sturdy, drainable condensate pans
- Large, grooved tube, louvered fin coils
- Leak-preventing sweat connections

### Efficiency

- Optimized coil along with improvements to the blower motor and housing allows the fan coil to meet the new 2023 DOE regulatory requirements when paired with 2023 Carrier heat pumps and air conditioner
- Meets stringent regulations for cabinet air leakage when tested in accordance with ASHRAE 193 standard
- Super-thick R-4.2 insulation with vapor barrier
- Efficient, quiet, time-tested blower housings and diffusers

### Flexibility

- Horizontal hanging provisions on cabinet
- Five available speed tags to meet a wide range of applications
- Factory-installed heater packages available on select models (5 through 15 kW)
- Three through 30 kW accessory heaters – field installed.



FJ4 Fan Coil

|     | Cool Stg | Therm | Cabinet Style   | Motor Style | Metering Device | Sizes                            |
|-----|----------|-------|-----------------|-------------|-----------------|----------------------------------|
| FJ4 | Single   | 24V   | Single/ Modular | 5-Speed ECM | Mechanical TXV  | 1.5T, 2T, 2.5T, 3T, 3.5T, 4T, 5T |

## Flexibility for Dealers and Peace of Mind for Homeowners

### Serviceability

- Mechanical fitting TXV for simple and fast service
- Entry options for high and low voltage wiring hook up
  - Select knockouts to transition to plugs (to be introduced around Q3'23)
- 2T to 5T fan coils now accommodate industry standard size filters

### Installation Flexibility

- Installation-flexible, multi-poise units
- Designed for manufactured housing
- Two-piece modular design available for 42 thru 60 sizes; facilitates attic and crawlspace installations

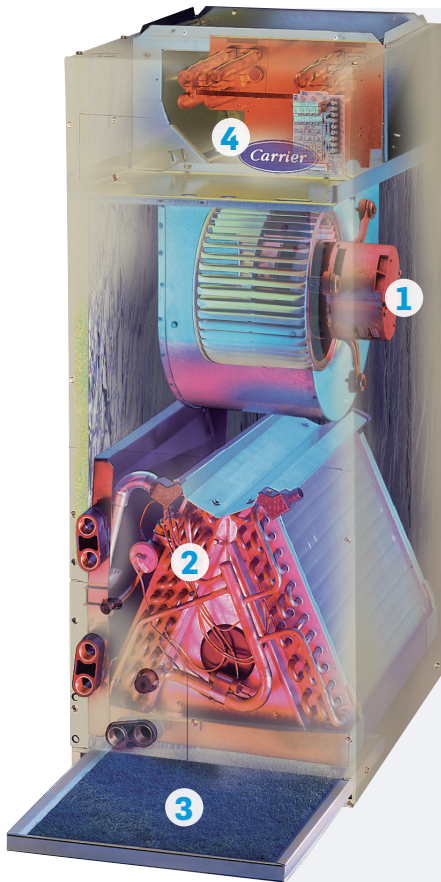
### Limited Warranty\*

- Ten-year parts limited warranty upon timely registration

\* Registration required, except where restricted by jurisdiction. See warranty card for complete details and restrictions.

# The Carrier Difference

If you could look inside the Comfort Series FJ4 fan coil, you'd see what drives the performance - a serious commitment to innovation and quality. Here are some features and functions that you and your customers will appreciate:



## **1 Improved blower motor, housing/wheel design**

– Offers the latest in electronic commutation motor (ECM) technology using high-efficiency, multi-tap ECM motors. This means reliable air delivery with increased static pressure.

## **2 Coil Optimization**

– Compared to pre-2023 FB4C fan coil, on the new FJ units, replaced slope coil with A-Coil (2.5T and 3T) for better condensate management and performance. Mechanical fitting TXV connection offers simple and fast serviceability of the TXV when needed.

## **3 Improved filter serviceability**

– The redesigned filter rack means homeowners can now use industry standard size filters on 2T to 5T. Tools are no longer required to access the filter.

## **4 Newly designed 2023 Electric Heat**

– Factory installed option available on select sizes. Field installed option available as an accessory.



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