

# FJM4 FAN COIL

The new FJM4 fan coil offers the proven technology of Day & Night 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

- Corrosion-resistant all-aluminum coil
- 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
- 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 Day & Night 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
- Three through 30 kW accessory heaters – field installed.



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	Cool Stg	Therm	Cabinet Style	Motor Style	Metering Device	Sizes
FJM4	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

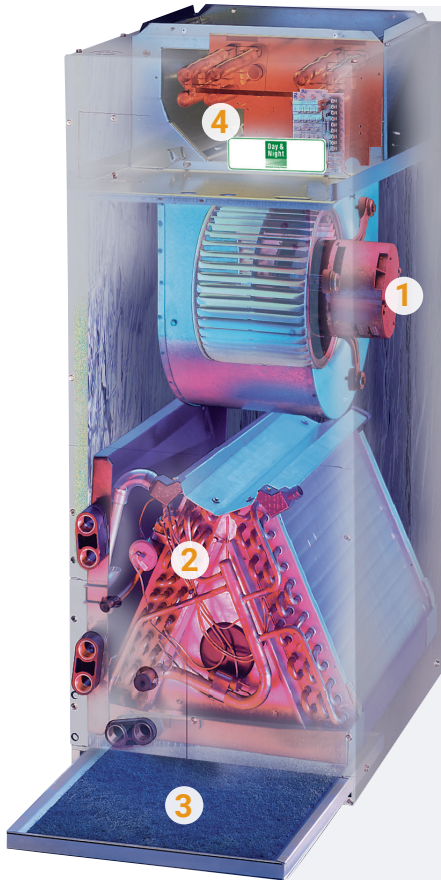
### Limited Warranty\*

- All FJM4 models have a 5-Year No Hassle Replacement limited warranty™ and a 10-year parts limited warranty upon timely registration.

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

# The Day & Night Difference

If you could look inside the Day & Night FJM4 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 fan coils, the new FJM units have an A-Coil vs. a sloped coil on the 2.5 and 3 ton sizes 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 2-5 ton models. Tools are no longer required to access the filter.
- 4 Newly designed 2023 Electric Heater Packages** – From 3-30 kW for field installation.

Manufacturer reserves the right to change specifications on its products without notice.

