

Luxaire®

indoor evaporator coils

CTF, CTU, CTM
Indoor Evaporator Coils
600–2,000 CFM
1.5–5 Ton



Efficient, sustainable and safe for years of comfort

Our Luxaire indoor evaporator portfolio has been completely redesigned with environmentally friendly, low global warming potential (GWP) R-454B refrigerant. Efficient 'A' coil design allows the refrigerant to flow evenly throughout the coils, increasing efficiency and performance. Most models come with factory-installed TXV (or EEV) and refrigerant detection systems (RDS) to ensure a safe, healthy and sustainable home for years to come.

Enhanced design for easier installation and optimal performance

- A 20.5in. casing depth makes installation in tight spaces easier
- MaxAlloy™ coils are made with corrosion-resistant, high-quality aluminum for lasting performance, efficiency and reliability
- Corrosion- and UV-resistant drain pan with low water retention for improved air quality and comfort
- Quick and easy installation with integrated duct flange and available factory-installed TXV kits (non-braze, bolt-on connectors)
- Coming soon: Straight-Pipe Line Set for more flexible installations
- Additional 1in. pipe length for even more connection flexibility



Standard upflow/downflow cased coil (CTF)



New multi-position coil (CTM)

Proven construction

1. Rigid case construction provides structural support for coil protection. Heavy-gauge, galvanized-steel cabinet features a primer and finish coat for a high-quality, corrosion-resistant finish
2. Thermoset drain pan is corrosion- and UV-resistant with a positive slope for drainage
3. Case doesn't have any protruding screw heads, limiting scratches or other property damage during installation

Advanced comfort

4. MaxAlloy™ coils are built to deliver lasting performance, efficiency and reliability
5. Low-leak cabinet design features fully gasketed doors, minimizing air leakage to no more than 2% when measured at 1in. W.C. external static pressure, minimizing conditioned air leakage and infiltration

Easier installation

6. An integral duct flange is part of the coil casing for faster installation
7. Compact, 20.5in. casing depth allows for ease of access in attics and applications where space is limited
8. New CTM multi-position coils for upflow, downflow or horizontal installations cut down on inventory
9. Straight-Pipe Line Set – coming soon – and additional 1in. length for more flexible installations
10. Factory-installed RDS and TXV (CTF) or EEV (CTM)



Installation flexibility

New Straight-Pipe Line Set – coming soon – is designed to eliminate swedging and provide more flexible connection options.

- Mechanical crimp
- Push-on
- Swedge and braze

Additional 1in. pipe length added for additional flexibility.

Low-GWP compliant

New indoor coils have been designed for use with R-454B, low-GWP refrigerant. Scan the QR code to learn more.



Navigating the refrigerant transition.

Outstanding warranties

All indoor evaporator coils come with a standard 10-Year Parts Limited Warranty*, so you know comfort is more than a feeling — it's a promise.

Three options for differing home comfort needs



Fully cased **CTF** series coils are designed for upflow or downflow applications.



CTM cased, multi-position coils are designed for upflow, downflow or horizontal installations and can save on inventory space.



CTU series uncased coils are designed for upflow or downflow applications.

Industry-leading warranty



* All limited warranties are subject to terms, conditions and exclusions set forth in the product's limited warranty statement. See applicable limited warranty statement for details.

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HEATING • AIR CONDITIONING