Item # RF2TY2421STANSJB08, RF2TY Endeavor® Line Air Handler

- Two-Stage, Quiet Operation[1]: Provided by a cabinet construction with 1.0 inch of foil faced insulation for quieter sound characteristics
- Front or Bottom Return with Aluminum Indoor Coil Design: Are constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- Rugged Steel, Compact Cabinet Construction: Designed for added strength and versatility
- Field-installed Auxiliary Heater Kits: Provide exact heat for indoor comfort and include circuit

more

Specifications | Dimensions | Features

Specifications

Type	Front Return
Voltage	208 to 230 V
Number of Phases	1
Frequency	60 Hz
Stages of Airflow	2-Stage
Motor Type	Constant Torque

Refrigerant	R-454B
Nominal Capacity	24000 Btu/h 7.03 kW
Efficiency	Standard
Metering	TXV
Controls	Non-communicating
Coil Series	Slab
Disconnect	Breaker
Factory Heat	8 Btu/h
Air Flow - Lo	600 ft^3/min 283 L/s
Air Flow - Hi	800 ft^3/min 378 L/s
Filter Size	20 x 20 x 1 in 508 x 508 x 25.4 mm
Blower Motor	1/3 hp 249 W
Blower Motor - RPM	300 to 1100
Blower Motor - Speed	4
Motor Amps	1.9 A
Minimum Circuit Ampacity	3 A
Maximum Overcurrent Protection	15 A
Weight	95 lb 43 kg
Shipping Weight	105 lb 48 kg

Dimensions

Depth	17 in 431 4/5 mm
Width	21 1/2 in 546 1/10 mm
Height	36 in 914 2/5 mm
Return Air Opening Width	20 in 508.0 mm
Return Air Opening Height	17 7/6 in 442.9 mm

Features

- **Quiet Operation[1]:** Provided by a cabinet construction with 1.0 inch of foil faced insulation for quieter sound characteristics
- **Front or Bottom Return with Aluminum Indoor Coil Design:** Are constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- **Rugged Steel Cabinet Construction:** Designed for added strength and versatility
- **Most Compact Unit Design Available:** All standard air handler models are only 36" [915mm] in height
- **Designing for Sustainability with Low GWP:** For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in heating and cooling systems. This new requirement will result in a 78%[2] lower GWP than previous-generation refrigerants — with only minimal changes to system installation. For us, this is another step toward our continued sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level of energy efficient, dependable comfort
- **PlusOne® Refrigerant Detection System™[3]:** An integrated one-box, patented design featuring the A2L sensor and mitigation board, offering easier commissioning with a single component and simplified wiring configuration, compatibility with any 24V thermostat application and system protection by automatically pausing outdoor unit operation — if excess refrigerant is detected

[1]Based on manufacturer's air handler offering, and the product's airflow stages, motor type and cabinet insulation. Sound levels are also dependent on air handler location and installation.

[2]When comparing the GWP of R-454B to R-410A refrigerant

[3]Factory or field installed in the furnace coil or air handler and is applicable to the complete heating and cooling system featuring Low GWP Refrigerant (A2L).