

**Submittal Data: 24RLXFW
Inverter Driven Heat Pump**

24,000 BTU Wall Mount

Job Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Date: _____
 Approval: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

General Features

- Wired or wireless remote
- Apple catechin filter
- Ion deodorizing filter
- Auto louver: up/down
- Auto louver: 4-way
- Low ambient cooling
- Cold prevention
- Sleep timer
- 24-hour timer
- Blue fin coating
- Standard Warranty: 5 years parts, 7 years compressor. Applies to systems purchased before June 1st 2015*
- Extended Warranty: 10 years parts, 10 years compressor. Systems that have been installed on or after June 1st 2015 by licensed contractors and the online Product Registration has been submitted.**
- Elite Contractor Extended Warranty: 12 years parts, 12 years compressor. Systems that have been installed on or after June 1st 2015 by contractors who have met requirements and have been approved for elite contractor status plus, the online Product Registration has been submitted.***

Model Information

Condenser..... AOU24RLXFW
 Evaporator..... ASU24RLF

Electrical..... 208/230 V AC 1ph-60HZ

Available Voltage Range..... 187 - 253 V +/- 10%
 Max Fuse Size..... 30 A
 Max Operating Current
 Evaporator..... 0.3 A
 Condenser..... 15.5 A
 Input Power
 Cooling..... 1.76 kW
 Heating..... 2.38 kW
 Running Current
 Cooling..... 7.9 A
 Heating..... 10.5 A

Capacity

Nominal Cooling..... 24,000 Btu/h
 Min-Max Cooling..... 7,500 – 36,200 Btu/h
 Nominal Heating..... 2,7600 Btu/h
 Min-Max Heating..... 7,500 – 36,200 Btu/h

Compressor

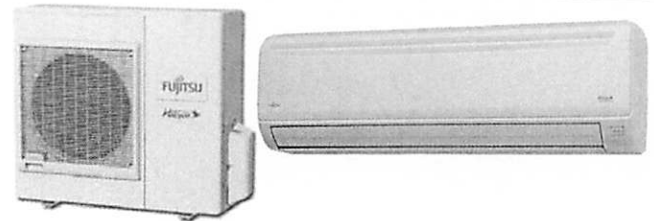
..... Rotary x1
 Motor Output..... 2,100 W
 Refrigerant..... R410a
 Charge..... 4 lbs. 10.1 oz.
 Oil..... POE (RB68)

Fan Motor

Type: DC (condenser)..... Propeller x1
 Type: DC (evaporator)..... Cross flow fan x1
 Motor Output (condenser)..... 100 W
 Motor Output (evaporator)..... 64 W

Heat Exchanger

Condenser
 (H x W x D) in. (mm)..... 31-7/16 x 35-7/16 x 1-7/16 (798x900x36.4)
 Fin Pitch..... 20 FPI
 Rows x Stages..... 2 x 38
 Pipe Type (Material)..... Grooved H-Pin (Copper)
 Type (Material)..... Aluminum (Blue Fin)



Operation Temperature Range

Cooling..... 0°F to 115°F (-18°C - 46°C)
 Heating..... 0°F to 75°F (-18°C - 24°C)

Efficiency

SEER..... 18.0
 EER (cooling)..... 12.5
 COP (heating)..... 11.6
 HSPF (heating)..... 10.0

Enclosure

Material..... Polystyrene
 Condenser..... Painted galvanized steel
 Color
 Condenser..... Beige (10 YR 7.5/1.0 NN)
 Evaporator..... White

Sound Pressure Level

Condenser (max)..... 55 dB(A)
 Evaporator (max)..... 49 dB(A)

Dimensions

H x W x D
 Condenser in. (mm)..... 32-3/4 x 35-3/8 x 13 (830x900x330)
 Evaporator in. (mm)..... 12-5/8 x 39-1/4 x 9 (320x998x228)

Connection Pipe

Liquid..... Ø3/8 in. (Ø9.52 mm)
 Gas..... Ø5/8 in. (Ø15.88 mm)
 Method (Liquid/Gas)..... Flare
 Max Length ((Pre-charge))..... 164 ft. (50 m) ((66 ft.) (20 m))
 Max Height Difference..... 98 ft. (30 m)

Weight

Condenser..... 135 lbs. (61 kg)
 Evaporator..... 31 lbs. (14 kg)

Accessories

UTY-RNNUM..... Wired remote control
 UTY-RVNUM..... Wired remote control
 UTY-RSNUM..... Wired remote control (simple)
 UTY-XWZXS5..... Dry contact wire kit

Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.44°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.
 Heating: Indoor temperature of 70°F (21.11°C) DB/59°F (15°C) WB, and outdoor temperature of 47°F (8.33°C) DB/43°F (6.11°C) WB.
 Pipe length: 24ft. 7in. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit) (*Standard warranty)**10 year warranty***12 year warranty)

