

**Submission Data: 30RLX
Inverter Driven Heat Pump**

30,000 BTU Wall Mount

Job Name: _____

Date: _____

Location: _____

Approval: _____

Engineer: _____

Construction: _____

Submitted to: _____

Unit #: _____

Submitted by: _____

Drawing #: _____

Reference: _____

General Features

- Blue fin heat exchanger
- Extra long piping allotment
- Wired and wireless remote controllers
- Double swing automatic
- Automatic airflow adjustment
- 2- Years Parts, 6-Years Compressor Warranty (See Warranty Statement for details)
- 24 hr. Timer



Model Information

Condenser..... AOU30RLX

Evaporator..... ASU30RLX

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

Available Voltage Range..... 208/230 +/- 10%

Minimum Circuit Ampacity..... 23.3 A

Max Fuse Size..... 30A

Max Starting Current..... 13.2 A

Input Power

Cooling..... 3.00 kW

Heating..... 2.99 kW

Running Current

Cooling..... 13.8A

Heating..... 12.3A

Capacity

Nominal Cooling..... 30,000 Btu/h

Min-Max Cooling..... 9,900 – 32,400 Btu/h

Nominal Heating..... 32,000 Btu/h

Min-Max Heating..... 8,000 – 37,500 Btu/h

Compressor..... Rotary (inv x1)

Motor Output..... 2,100 W

Refrigerant..... R410a

Charge..... 4lbs. 10.1oz

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

Thermal Protection

Evaporator (off) 212°+27°F -18°F(100°+15°C -10°C)/(on) 203°+9°F -18°F (95°C +5°C -10°C)

Condenser (off) 230°+27°F -18°F(110°+15°C -10°C)/(on) 221°+27°F -18°F (105°C +15°C -10°C)

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)..... Copper

Fin Type (Material)..... Aluminum (Blue Fin)

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)

Operation Temperature Range

Cooling..... 0°F - 115°F (-18°C - 46°C)

Heating..... 0°F - 75°F (-18°C - 24°C)

Efficiency

SEER..... 17.5

EER (cooling)..... 10.0

COP (heating)..... 10.7

HSPF (heating)..... 9.5

Enclosure

Material

Evaporator..... Polystyrene

Condenser..... Painted galvanized steel

Color

Evaporator..... White

Condenser..... Beige (10 YR 7.5/1.0 NN)

Sound Pressure Level

Condenser..... 55 dB(A)

Evaporator..... 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..... 3/8"

Gas..... 5/8"

Method (Liquid/Gas)..... Brazing

Max Length {(Pre-charge)}..... 164 ft. (50m) {(66 ft. 20 m)}

Minimum Length..... 16 ft. (5m)

Max Height Difference..... 98 ft. (30m)

Weight

Condenser..... 135 lbs. (61kg)

Evaporator..... 31 lbs. (14kg)

Accessories

UTY-RNBYU..... Wired remote control

UTY-XWZX..... Dry contact wire kit



Dimensions: 30RLX

[Unit: in. (mm)]

