

**Submittal Data: 30RLXEH
Inverter Driven Heat Pump**

30,000 BTU Heat-Pump System

Job Name: _____

Date: _____

Location: _____

Approval: _____

Engineer: _____

Construction: _____

Submitted to: _____

Unit #: _____

Submitted by: _____

Drawing #: _____

Reference: _____

General Features

- Control PCB w/ Switch Buttons
- Human Sensor
- Wired & wireless remote controllers
- Double swing automatic
- Airflow adjustment
- Low noise mode
- Base pan heater
- Powerful mode
- 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

Outdoor..... AOU30RLXEH
Indoor..... ASU30RLE

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

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

Minimum Circuit Ampacity..... 25.6 A

Max Fuse Size..... 30 A

Max Starting Current..... 18.7 A

Input Power

Cooling..... 2.40 kW

Heating..... 2.74 kW

Running Current

Cooling..... 10.6 A

Heating..... 12.0 A

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 – 36,200 Btu/h

Compressor

Motor Output..... 3,750 W

Refrigerant..... R410a

Charge..... 6 lbs. 12 oz.

Oil..... POE (VG74)

Fan Motor

(condenser) Type: DC Propeller x 1

(evaporator) Type: Cross flow fan x1

(condenser) Output..... 100 W x2

(evaporator) Output..... 80 W

Heat Exchanger

Dimensions (condenser)

(H x W x D) in. (mm)..... 49-10/16 x 35-7/16 x 1-7/16 (1,260x900x36.4)

Fin Pitch..... 1.3 FPI

Rows x Stages..... 2 x 60

Pipe Type (Material)..... Copper

Type (Material)..... Corrugate (Aluminum)

Surface Treatment..... Hydrophilic coating (Blue fin)



Operation Temperature Range

Cooling..... -5°F (-20°C) - 115°F (46°C)

Heating..... -15°F (-26°C) - 75°F (24°C)

Efficiency

SEER..... 18.7

EER (cooling)..... 12.5

COP (heating)..... 11.7

HSPF (heating)..... 11.8

Enclosure

Material..... Painted galvanized steel

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

Sound Pressure Level

Outdoor (max)..... 54 dB

Indoor (max)..... 50 dB

Dimensions

H x W x D

(condenser) in. (mm)..... 50-13/16 x 35-3/8 x 13 (1,290x900x330)

(evaporator) in. (mm)..... 13-6/16 x 45-4/16 x 9 (340x1,150x280)

Connection Pipe

Liquid..... 3/8" (9.52 mm)

Gas..... 5/8" (15.88 mm)

Method (Liquid/Gas)..... Flare

Pre-charge..... 65 ft. (20 m)

Max Length..... 246 ft. (75 m)

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

Weight

Outdoor..... 205 lbs. (93 kg)

Indoor..... 40 lbs. (18 kg)

Accessories

UTY-RNRUZ1..... Wired remote controller (backlit)

UTY-RVNUM..... Wired remote controller (backlit, displays room temp.)

UTY-RNNUM..... Wired remote controller

UTY-RSNUM..... Wired remote controller (simple)

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 (21.1°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. 6in. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit)



Dimensions: 30RLXEH

[Unit: in. (mm)]

