

Submittal Data:36RSLX Inverter Driven Heat Pump

36,000 BTU Ceiling Suspended

Job Name: _____

Date: _____

Location: _____

Approval: _____

Engineer: _____

Construction: _____

Submitted to: _____

Unit #: _____

Submitted by: _____

Drawing #: _____

Reference: _____

General Features

- Refrigerant Type R410A.
- Extra long piping allotment
- Wired and wireless remote controllers
- Omni-directional air flow
- Automatic airflow adjustment
- Economy operation
- 2- Years Parts, 6-Years Compressor Warranty (See Warranty Statement for details)
- 24 hr. timer
- Sleep timer

Model Information

Condenser..... AOU36RLX
Evaporator..... ABU36RSLX

Electrical..... 208/230V AC 1ph-60Hz
Available Voltage Range..... 208/230 +/- 10%
Max Fuse Size..... 30A
Max Starting Current..... 10 A

Input Power

Cooling..... 4.22 kW
Heating..... 3.50 kW

Running Current

Cooling..... 18.3 A
Heating..... 15.3 A

Capacity

Nominal Cooling..... 36,000 Btu/h
Rated / Max Cooling..... 34,100 / 36,000 Btu/h
Nominal Heating..... 42,700 Btu/h
Rated / Max Heating..... 36,500 / 42,700 Btu/h

Compressor..... DC Twin Rotary (Inverter)
Motor Output..... 1,300 W
Refrigerant..... R410a
Charge..... 4 lbs. 13-19/32 oz.
Oil..... POE

Fan Motor

(Condenser) Type: DC Propeller x1
(Condenser) Motor Output..... 100 W
(Evaporator) Type: DC..... Sirocco x4
(Evaporator) Motor Output..... 160 W
Thermal Protection

Evaporator..... 248 ± 9°F
Condenser..... 212 +27 -18 °F

Heat Exchanger

Condenser
(H x W x D) in. (mm)..... 31-13/32 x 35-7/16 x 7-1/16 (798x900x36.38)
Fin Pitch..... 20 FPI
Rows x Stages..... 2 x 38
Pipe Type (Material)..... Copper
Fin Type (Material)..... Aluminum



Operation Temperature Range

Cooling..... 0°F - 115°F (-18°C - 46°C)
Heating..... 14°F - 75°F(-10°C - 24°C)

Efficiency

SEER..... 14.0
HSPF (heating)..... 8.5 Btu/hW

Enclosure (Condenser)

Material..... Painted galvanized steel
Color..... Beige (10 YR 7.5/1.0 NN)

Sound Pressure Level

Condenser..... 54 dB(A)
Evaporator..... 48 dB(A)

Dimensions

H x W x D
Condenser in. (mm)..... 32-11/16 x 35-7/16 x 13 (830x900x330)
Evaporator in. (mm)..... 9-7/16 x 65-11/32 x 27-9/16 (240x1660x700)

Connection Pipe

Liquid..... 3/8"
Gas..... 5/8"
Method (Liquid/Gas)..... Brazing
Pre-charge..... 49 ft. (15m)
Minimum Length..... 16 ft. (5m)
Max Length..... 164 ft. (50m)
Max Height Difference..... 98 ft. (30m)

Weight

Condenser..... 141 lbs. (64 kg)
Evaporator..... 106 lbs. (48 kg)

Accessories

Wired Remote Controller..... UTY-RNBYU

Safety Devices

Fuse on Main PCB..... 3.15A 250V & 5A 250V
High Pressure Switch..... off: 609±15 PSI / on: 464± 22 PSI
Discharge Thermistor..... off: 248± 9°F / on: 176± 9°F
Compressor Thermistor..... off: 266± 9°F / on: 176± 9°F
Evaporator fuse on Main PCB..... 3.15A 250V

Dimensions:36RSLX

[Unit: in. (mm)]

