Submittal Data:30RLXB **30,000 BTU Wall Mount**
Inverter Driven (Heating Only)

Job Name:_____ Date:_____

Location:_____ Approval:_____

Engineer:_____ Construction:_____

Submitted to:_____ Unit #:_____

Submitted by:_____ Drawing #:_____

Reference:_____

General Features

- •Wired or wireless remote
- •Apple catechin filter
- •Energy Star rated
- •Sleep timer
- •Auto louver: 4-way
- •Auto mode
- •Auto changeover
- •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…….. AOU30RLXB
Evaporator…….. ASU30RLXB

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…….. 13.8 A

Input Power

Cooling…….. 3.16 kW
Heating…….. 2.80 kW

Running Current

Cooling…….. 13.8A
Heating…….. 12.3A

Capacity

Nominal Cooling…….. 30,000 Btu/h
Min-Max Cooling…….. 9,90000 – 32,400 Btu/h
Nominal Heating…….. 30,000 Btu/h
Min-Max Heating…….. 8,000 – 33,000 Btu/h

Compressor…….. Rotary (inv x1)

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

Fan Motor

(Condenser) Type: DC …….. Propeller x1
(Condenser) Motor Output…….. 100 W
(Evaporator) Type: DC…….. Cross flow fan x1
(Evaporator) Motor Output…….. 42 W
Thermal Protection (On)…….. 248 ± 27°F (120 ± 15°C)
Evaporator (Off)…….. 302 ± 27°F (150 ± 15°C)
Condenser (On) 248 ± 27°F (120 ± 15°C) / (Off) 302 ± 27°F (150 ± 15°C)

Heat Exchanger

Dimensions
(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) (*Standard warranty/**10 year warranty/***12 year warranty)

Operation Temperature Range

Cooling…….. 14°F (-10°C) - 115°F (-46°C)
Heating…….. 5°F (-15°C) - 75°F (-24°C)

Efficiency

SEER…….. 16.5
EER (cooling)…….. 2.78 kW/kW
COP (heating)…….. 3.14 kW/kW
HSPF (heating)…….. 9.0 Btu/hW

Enclosure (Condenser)

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

Sound Pressure Level

Condenser…….. 47 dB(A)
Evaporator…….. 49 dB(A)

Dimensions

H x W x D
Condenser in. (mm)…….. 32-11/16 x 35-7/16 x 13 (830x900x330)
Evaporator in. (mm)…….. 12-10/16 x 39-5/16 x 9 (320x998x228)

Connection Pipe

Liquid…….. 3/8”
Gas…….. 5/8”
Method (Liquid/Gas)…….. Brazing
Pre-charge…….. 66 ft. (20m)
Minimum Length…….. 16 ft. (5m)
Max Length (Pre-charge)…….. 164 ft. (50m) / (65 ft. {20m}) 0.43oz / ft. over 66 ft.
Max Height Difference…….. 98 ft. (30m)

Weight

Condenser…….. 134 lbs. (61 kg)
Evaporator…….. 31 lbs. (14 kg)

Accessories

UTY-RVNUM…….. Wired remote control (backlit, displays room temp.)
UTY-RNNUM…….. Wired remote control
UTY-RSNUM…….. Wired remote control (simple)

Configuration

Heating only field setting configuration required.

Intertek©ETL Number

AOU30RLXB…….. 91987
ASU30RLXB…….. 91986

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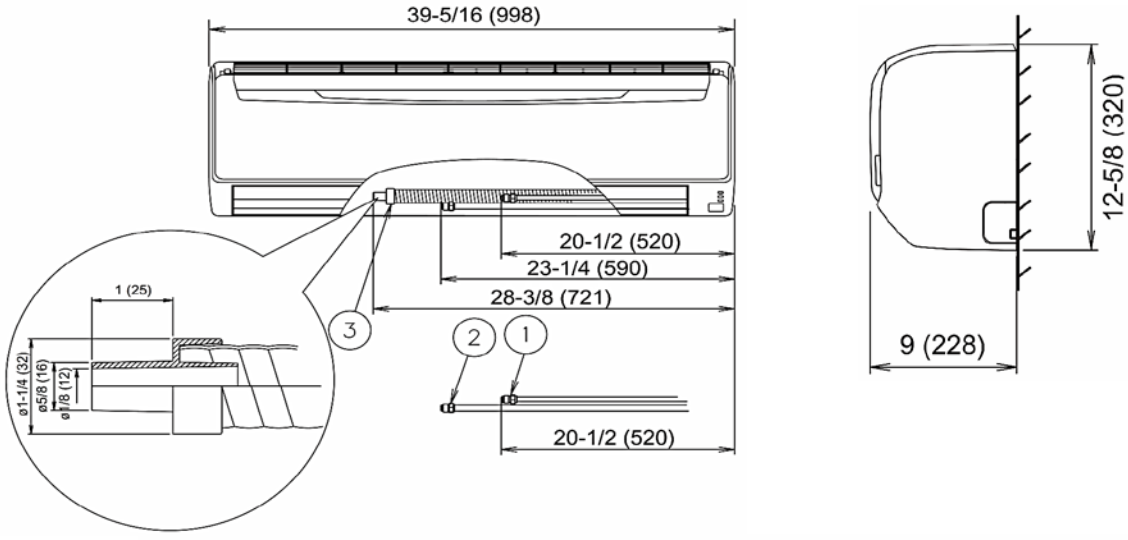
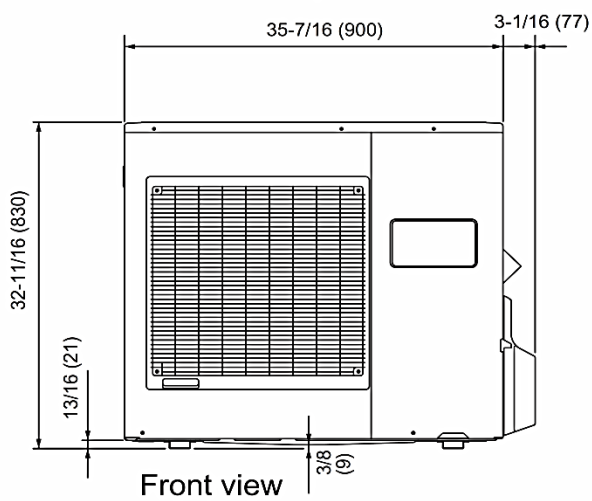
Dimensions:30RLXB

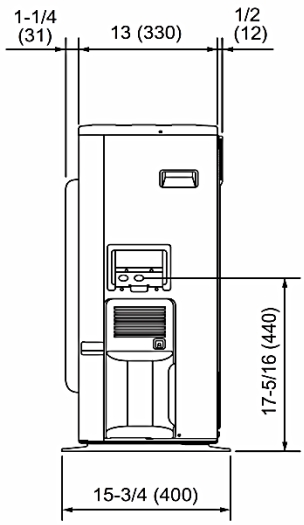
[Unit: in. (mm)]



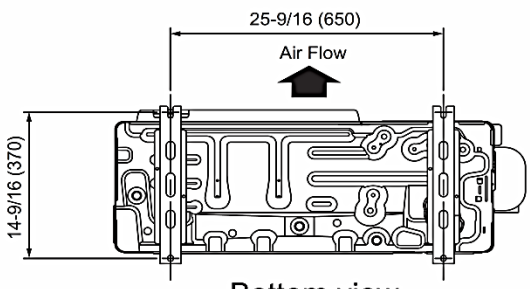
Top view



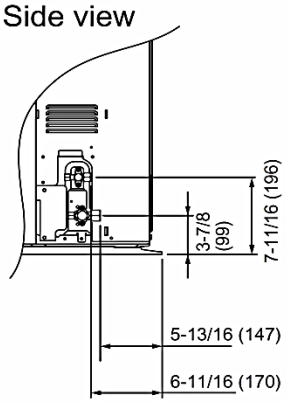
Front view



Side view



Bottom view



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