

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
- Automatic airflow adjustment
- Economy operation
- 5- Years Parts, 7-Years Compressor Warranty (See Warranty Statement for details)
- 24 hr. Timer
- Low operating temperature

**Model Information**

Condenser..... AOU36RLXFZ1  
 Evaporator \*1..... (ASU) / (ARU) / (AGU) / (AAU) 7,9,12RLF(1)  
 Connectable indoor units..... 2 - 4  
 Total capacity range..... 27,000 – 39,000 Btu/h

**Electrical**..... 208/230V AC 1ph-60Hz  
 Available Voltage Range..... 208/230 +/- 10%  
 Minimum Circuit Ampacity..... 24.6 A  
 Max Fuse Size..... 30 A

**Current**  
 Starting Current..... 17.1 A  
 Operating Current..... 20.3 A  
 Cooling..... (non-duct) 15.4 A / (ducted) 17.1 A / (mix) 15.9 A  
 Heating..... (non-duct) 13.1 A / (ducted) 15.1 A / (mix) 14.1 A

**Input Power**  
 Cooling..... (non-duct) 3.52 kW / (ducted) 3.92 kW / (mix) 3.71 kW  
 Heating..... (non-duct) 3.00 kW / (ducted) 3.22 kW / (mix) 3.11 kW

**Capacity**  
 Nominal Cooling..... 35,200 Btu/h  
 Min-Max Cooling..... 11,000 – 38,000 Btu/h  
 Nominal Heating..... 36,400 Btu/h  
 Min-Max Heating..... 11,000 – 42,000 Btu/h

**Compressor**..... DC Twin Rotary (inv x1)  
 Motor Output..... 2,100 W  
 Refrigerant..... R410a  
 Pre-Charge..... 7 lbs. 1 oz.  
 Oil..... RB68

**Fan Motor**  
 Type: DC (condenser)..... Propeller x1  
 Motor Output (condenser)..... 100 W  
 Type: DC (evaporator)..... (wall-mount) Cross flow  
 (compact cassette) Turbo  
 (ducted) Sirocco  
 (floor) Cross flow x2

Motor Output (Evaporator)..... (wall) 30-42W (compact cassette) 54W (ducted) 80-81W  
 (floor) 16W  
**Heat Exchanger**  
 Dimensions (condenser)  
 (H x W x D) in. (mm)..... 31-13/32 x 35-7/16 x 1-7/16 (798x900x36.38)  
 Fin Pitch..... 20 FPI  
 Rows x Stages..... 2 x 38  
 Pipe Type (Material)..... Grooved H-Pin (Copper)  
 Fin Type (Material)..... Aluminum (Blue fin)



**Operation Temperature Range**

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

**Efficiency**

SEER\*2..... 18.0 (wall-mount) 16.0 (duct) 17.0 (mix)  
 EER (cooling)..... 10.0 Btu/W (wall-mount) 9.0 Btu/W(duct) 9.5 Btu/W(mix)  
 COP (heating)..... 3.56 W/W (wall-mount) 3.32 W/W (duct) 3.44 W/W(mix)  
 HSPF (heating)..... 9.4 (wall-mount) 8.7 (duct) 9.1 (mix)

**Enclosure (condenser)**

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

**Sound Pressure Level**

Cooling..... 53 dB(A)  
 Heating..... 55 dB (A)

**Dimensions**

H x W x D (condenser)  
 Net in. (mm)..... 32-11/16 x 35-7/16 x 13 (830x900x330)  
 Gross in. (mm)..... 38-3/16 x 41-5/16 x 17-1/2 (970x1,050x445)

**Connection Pipe**

Liquid..... 1/4" (6.35 mm) x4  
 Gas..... 3/8" (9.52 mm) x3 + 1/2" (12.70 mm) x1  
 Method (Liquid/Gas)..... Brazing  
 Pre-charge length (Total)..... 164 ft. (50m)  
 Max length (Total)..... 230 ft. (70m)  
 Max length (Each)..... 82 ft. (25m)  
 Min. length (Total)..... 66 ft. (20m)  
 Min length (Each)..... 16ft. (5m)  
 Max Height Difference..... 49 ft. (15m)

**Weight**

Condenser..... 149 lbs. (68kg)  
 Evaporators..... (wall-mount) 19 lbs. - 31 lbs.  
 (compact cassette) 33 lbs.  
 (ducted) 37 lbs. - 49 lbs.  
 (floor) 31 lbs.

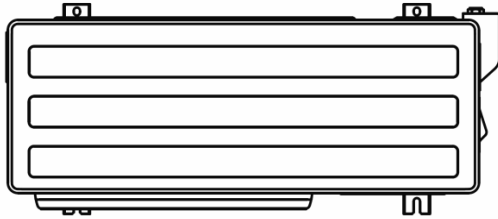
**Accessories**

Wired Remote Controller..... UTY-RVNUM  
 Wired Remote Controller..... UTY-RNNUM  
 Simple Remote Controller..... UTY-RSNUM

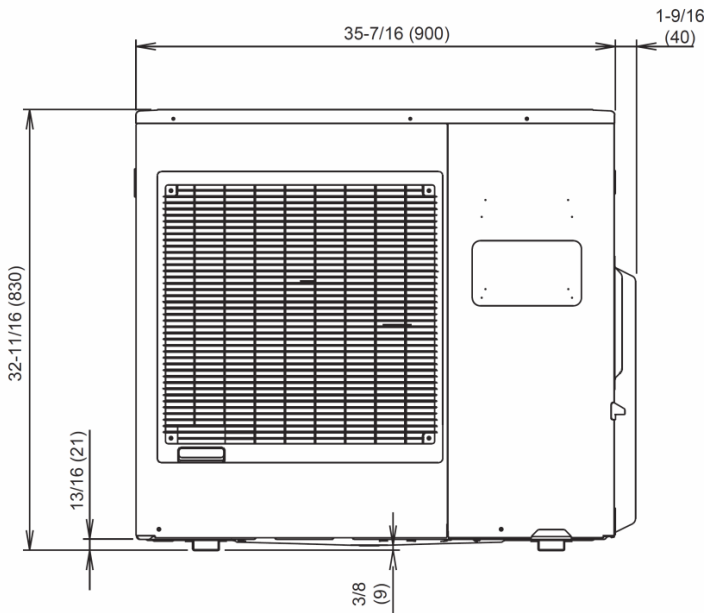
\*1 Reference brochure for approved combinations. \*2 Test conditions are based on AHRI 210/240.  
 Note: Specifications are based on the following conditions. Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.44°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor 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: 34ft. Tin: (7.5m). Height difference: 0ft. (0m) (Outdoor unit-indoor unit)

## Dimensions:36RLXFZ1

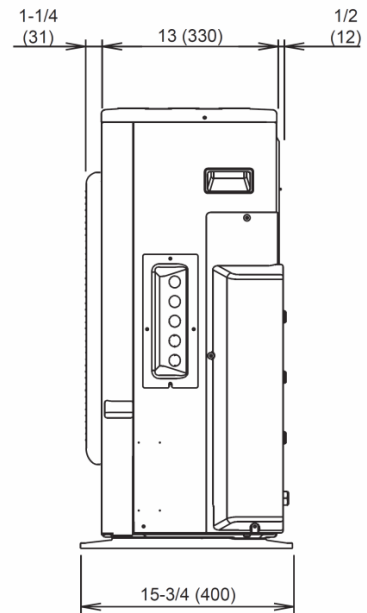
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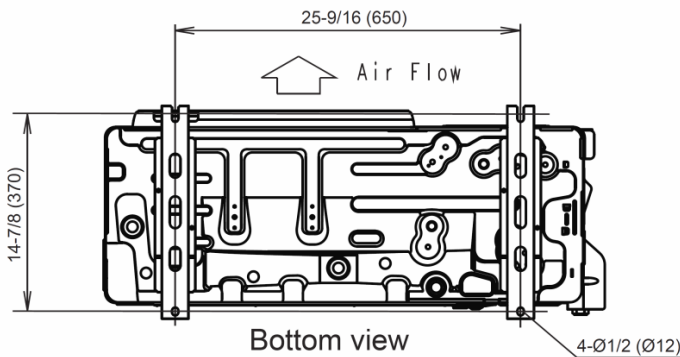
Top view



Front view



Side view



Bottom view

