

Submittal Data: 12RLFCC Inverter Driven Heat Pump

12,000 BTU Compact Cassette

Job Name: _____

Date: _____

Location: _____

Approval: _____

Engineer: _____

Construction: _____

Submitted to: _____

Unit #: _____

Submitted by: _____

Drawing #: _____

Reference: _____

General Features

- Wired or wireless remote controller
- Weekly timer
- Dry mode
- Auto louver: up/down
- Auto mode
- Auto changeover
- Low ambient cooling
- Cold prevention
- Daisy chain
- Condensate pump
- Energy Star rated

- 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..... AOU12RLFCC
Evaporator..... AUU12RLF

Electrical

Available Voltage Range..... 208/230V AC 1ph-60Hz
Minimum Circuit Ampacity..... 208/230 +/- 10%
Max fuse size..... 15 A

Rated current
Cooling..... 4.4 A
Heating..... 6.7 A

Input Power
Cooling..... 0.94 kW
Heating..... 1.44 kW

Capacity

Nominal Cooling..... 12,000 Btu/h
Min-Max Cooling..... 3,100 – 13,600 Btu/h
Nominal Heating..... 16,000 Btu/h
Min-Max Heating..... 3,100 – 19,400 Btu/h

Compressor

Motor Output..... 850 W
Refrigerant..... R410a
Charge..... 2 lbs. 10 oz.
Oil..... FREOL α68SZ

Fan Motor

(Condenser) Type: DC..... Propeller fan x1
(Condenser) Motor output..... 115 W
(Evaporator) Type: DC..... Turbo fan x1
(Evaporator) Motor output..... 54 W

Heat Exchanger

Condenser
(H x W x D) in. (mm) 23-5/32 x 34-11/16 x 1-7/16 (588x881x36.4)
Fin Pitch..... 20 FPI
Rows x Stages..... 2 x 28
Pipe Type (Material)..... Copper
Type (Material)..... Aluminum



Temperature Setting Range

Cooling..... 14°F - 115°F (-10°C – 46°C)
Heating..... -5°F - 75°F (-21°C - 24°C)

Efficiency

SEER..... 21.9
EER (cooling)..... 3.74 kW/kW
COP (heating)..... 3.25 kW/kW
HSPF (heating)..... 12.2 Btu/hW
Moisture Removal..... 2.5 pints/h / 1.2 liters/h

Enclosure

(Condenser) Material..... Steel
(Condenser) Color..... Beige (approximate color or Munsell 10 YR 7.5/1.0)
(Evaporator) Material..... Galvanized steel sheet

Sound Pressure Level

Condenser..... 50 dB (A)
Evaporator 37 dB (A)

Dimensions

H x W x D
Condenser in. (mm)..... 24-1/2 x 31-3/32 x 11-11/32 (620x790x290)
Evaporator in. (mm)..... 9-21/32 x 22-7/16 x 22-7/16 (245x570x570)

Connection Pipe

Liquid..... 1/4" in. (6.35 mm)
Gas..... 3/8" in. (9.52 mm)
Method (Liquid/Gas)..... Flare
Internal Drain Pump Lift..... 27-9/16"

Weight

Condenser..... 84 lbs. (38 kg)
Evaporator..... 33 lbs. (15 kg)

Accessories

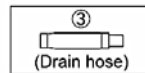
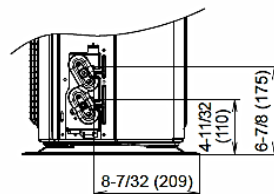
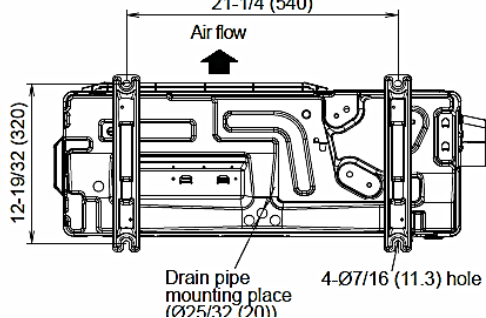
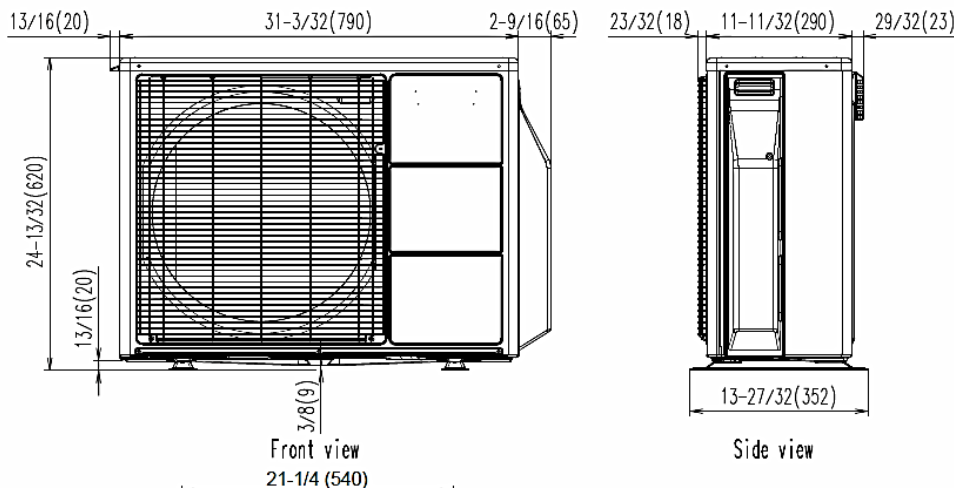
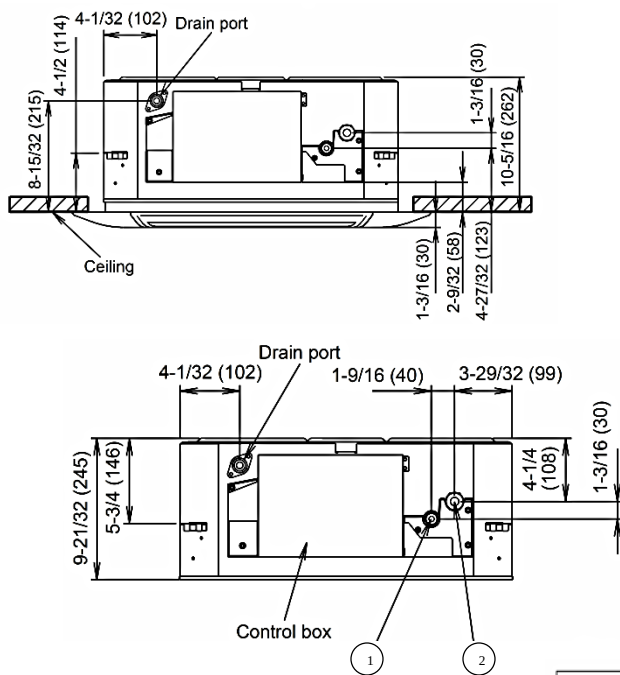
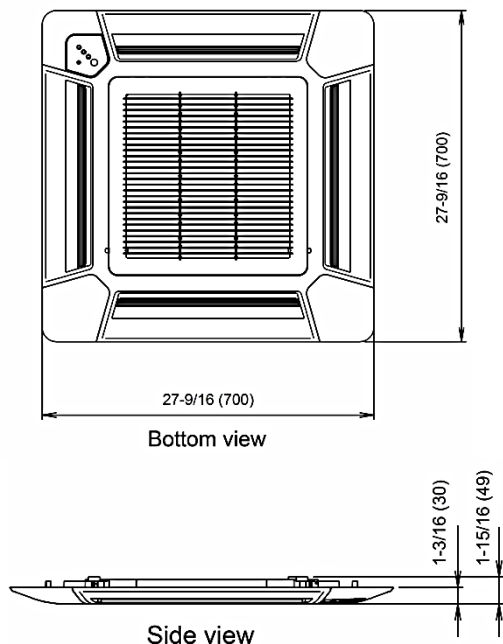
Wired Remote Controller..... UTY-RNNU
Wired Remote Controller..... UTY-RVNU
Simple Remote Controller..... UTY-RSNU
Wireless Remote Controller..... UTY-LNHUM
Dry Contact Wire Kit..... UTY-XWZX
High Humidity Insulation Kit..... UTZ-KXGC
Air Outlet Shutter Plate..... UTR-YDZB
Fresh Air Intake Kit..... UTZ-VXAA

Intertek®ETL Number

AOU12RLFCC..... 91986
AUU12RLF..... 3170288

Dimensions: 12RLFCC

[Unit: in. (mm)]



- 1) Refrigerant pipe flare connection
- 2) Refrigerant pipe flare connection
- 3) Drain hose connection