

Submittal Data: 18RLFCC Inverter Driven Heat Pump

18,000 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

- 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..... AOU18RLFCC

Evaporator..... AUU18RLF

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

Available voltage range..... 208/230 +/- 10%

Minimum circuit ampacity..... 17.3 A

Max fuse size..... 20 A

Rated current

Cooling..... 7.1 A

Heating..... 7.7 A

Input Power

Cooling..... 1.61 kW

Heating..... 1.76 kW

Capacity

Nominal cooling..... 18,000 Btu/h

Min-max cooling..... 3,100 – 20,100 Btu/h

Nominal heating..... 21,600 Btu/h

Min-max heating..... 3,100 – 25,600 Btu/h

Compressor

Motor output..... 1,000 W

Refrigerant..... R410a

Charge..... 2 lbs. 14 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..... 20.1

EER (cooling)..... 3.28 kW/kW

COP (heating)..... 3.59 kW/kW

HSPF (heating)..... 11.5 Btu/hW

Moisture removal..... 4.6 pints/h / 2.2 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..... 1/2" in. (12.7 mm)

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

Internal Drain Pump Lift..... 27-9/16"

Weight

Condenser..... 86 lbs. (39 kg)

Evaporator..... 33 lbs. (15 kg)

Accessories

Wired Remote Controller..... UTY-RNNUM

Wired Remote Controller..... UTY-RVNUM

Simple Remote Controller..... UTY-RSNUM

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

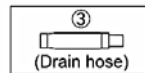
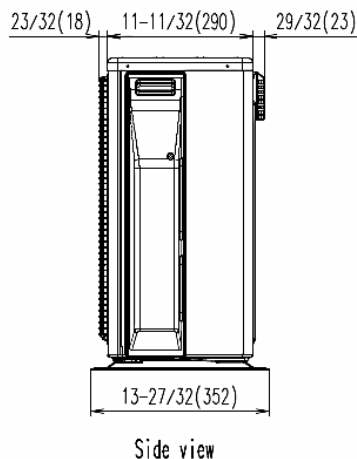
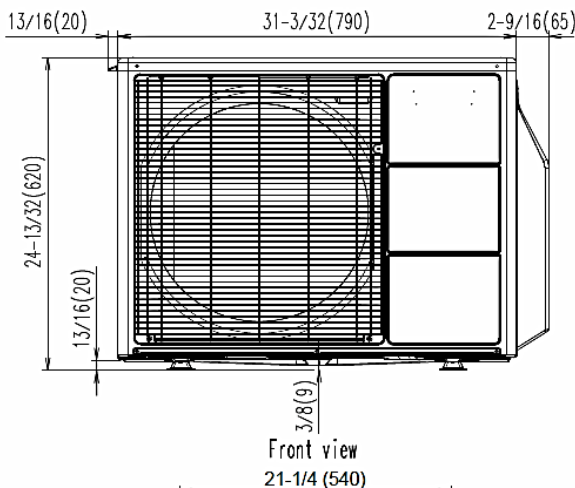
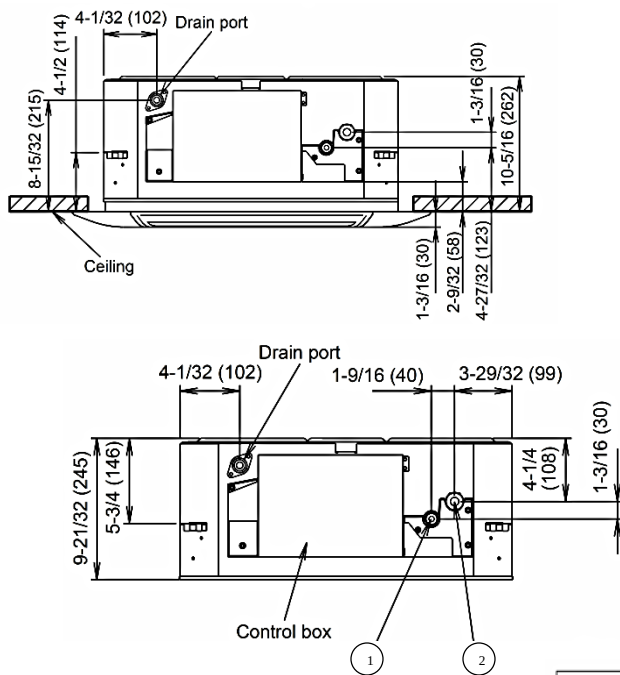
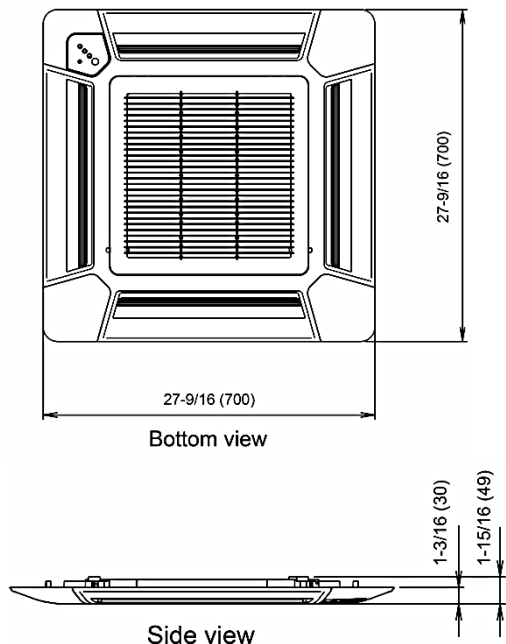
Intertek® ETL Number

AOU18RLFCC..... 91986

AUU18RLF..... 3170288

Dimensions: 18RLFCC

[Unit: in. (mm)]



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

