

**Submittal Data:ASU12RLF1
Inverter Driven Heat Pump**

12,000 BTU Wall Mount Type

Job Name: _____

Date: _____

Location: _____

Approval: _____

Engineer: _____

Construction: _____

Submitted to: _____

Unit #: _____

Submitted by: _____

Drawing #: _____

Reference: _____

General Features

- Refrigerant Type R410A.
- Wired and wireless remote controllers
- Auto changeover
- Weekly timer
- Removable open panel
- Super quiet operation
- Removable air filter
- Program timer
- 5 years standard parts warranty
- Eligible for 10 year or 12 year parts warranty. See warranty statement for details.



Model Information

Evaporator..... ASU12RLF1
 Condenser compatibility..... AOU12RLF1, AOU18RLXFZ, AOU18RLXFZH
 AOU24RLXFZ, AOU24RLXFZH
 AOU36RLXFZ, AOU36RLXFZ1, AOU36RLXFZH
 AOU45RLXFZ, AOU48RLXFZ1

Electrical..... 208/230V AC 1ph-60Hz
 Available Voltage Range..... 208/230 +/- 10%
 Minimum Circuit Ampacity..... 0.25 A
 Full Load Amps..... 0.20 A
 Input Power 22 W
 Running Current..... 0.19 A

Capacity..... 12,000 Btu/h

Fan Motor
 Type: DC Cross flow x1
 Motor Output..... 30 W
 Fan Motor Protection..... off: 221 ± 18°F (105 ± 10°C)
 on: 194 ± 18°F (90 ± 10°C)

Airflow Rate
 Cooling (High / Medium / Low / Quiet)
 388 CFM (660 m3/h) / 330 CFM (560 m3/h) / 265 CFM (450 m3/h) / 182 CFM (310 m3/h)
 Heating (High / Medium / Low / Quiet)
 388 CFM (660 m3/h) / 330 CFM (560 m3/h) / 277 CFM (470 m3/h) / 194 CFM (330 m3/h)

Heat Exchanger
 Dimensions
 (H x W x D) in. (mm)..... 12-5/8 x 24-13/16 x 13/16 (320x630x20)
 Fin Pitch..... Main 23 FPI / Sub 18 FPI
 Rows x Stages..... Main 2 x20 / Sub 1 x4
 Pipe Type (Material)..... Copper
 Type (Material)..... Aluminum

Temperature Setting Range

Cooling..... 64°F - 90°F (18°C - 32 °C)
 Heating..... 60°F - 88°F (16°C - 30°C)

Enclosure

Material..... Galvanized Steel Sheet

Sound Pressure Level

Cooling
 High/Medium/Low/Quiet..... 40 dB (A) / 36 dB (A) / 30 dB (A) / 21 dB (A)
 Heating
 High/Medium/Low/Quiet..... 40 dB (A) / 36 dB (A) / 31 dB (A) / 22 dB (A)

Dimensions

H x W x D
 in. (mm).....10-9/16 x 33-1/16 x 8 (268x840x203)

Connection Pipe

Liquid..... 1/4" in. (6.35 mm)
 Gas..... 3/8" in. (9.52 mm)
 Method (Liquid/Gas)..... Flare
 Drain hose
 Material..... PP + LLDPE
 Size..... Ø9/16 (I.D.), Ø5/8 to Ø11/16 [Ø13.8 (I.D.), Ø15.8 to Ø16.7 O.D.]

Weight

Net..... 19 lbs. (8.5 kg)
 Gross..... 23 lbs. (10.5 kg)

Accessories

Wired Remote Controller..... UTY-RNNUM
 Backlit Display..... UTY-RVNUM
 Simple Remote Controller..... UTY-RSNUM
 Dry Contact Wire Kit..... UTY-XWZZZ5
 Interface Kit..... UTY-XCBXZ2

Intertek®ETL Number

ASU12RLF1..... 91986

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)



Dimensions: ASU12RLF1

[Unit: in. (mm)]

