

**Submittal Data: ASU7RLF1  
Inverter Driven Heat Pump**

**7,000 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..... ASU7RLF1  
 Condenser compatibility..... AOU18RLXFZ, AOU18RLXFZH  
 AOU24RLXFZ, AOU24RLXFZH  
 AOU36RLXFZ, AOU36RLXFZ1, AOU36RLXFZH  
 AOU45RLXFZ, AOU48RLXFZ1

**Electrical**..... 208/230V AC 1ph-60Hz  
 Available Voltage Range..... 208/230 +/- 10%  
 Minimum Circuit Ampacity..... 0.18 A  
 Full Load Amps..... 0.14 A  
 Input Power ..... 15 W  
 Running Current..... 0.13 A

**Capacity**  
 Nominal Cooling..... 7,000 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)  
 330 CFM (560 m3/h) / 294 CFM (500 m3/h) / 253 CFM (430 m3/h) / 182 CFM (310 m3/h)  
 Heating (High / Medium / Low / Quiet)  
 330 CFM (560 m3/h) / 294 CFM (500 m3/h) / 253 CFM (430 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..... 36 dB (A) / 32 dB (A) / 29 dB (A) / 21 dB (A)  
 Heating  
 High/Medium/Low/Quiet..... 36 dB (A) / 32 dB (A) / 29 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**

ASU7RLF1..... 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: ASU7RLF1

[Unit: in. (mm)]

