



**Submission Data: RIWH15AVFJ  
Inverter Driven Heat Pump**

**15,000 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
- Automatic airflow adjustment
- Low noise mode
- Powerful mode
- Removable air filter
- Program timer
- Weekly timer



**Model Information**

Evaporator..... RIWH15AVFJ  
Condenser compatibility..... ROMH24AFXZJ, ROMH36AFXZJ, ROMH45AFXZJ

**Electrical**..... 208/230V AC 1ph-60Hz  
Available Voltage Range..... 208/230 +/- 10%  
Minimum Circuit Ampacity..... 0.34 / 0.31 A  
Full Load Amps..... 0.27 / 0.25 A  
Input Power..... 28 W  
Running Current..... 0.25 W

**Capacity**  
Nominal Cooling..... 15,000 Btu/h  
Nominal Heating..... 16,300 Btu/h

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

**Airflow Rate**  
Cooling (High / Medium / Low / Quiet)  
430 CFM (730 m<sup>3</sup>/h)/353 CFM (600 m<sup>3</sup>/h)/312 CFM (530 m<sup>3</sup>/h)/212 CFM (360 m<sup>3</sup>/h)  
Heating (High / Medium / Low / Quiet)  
430 CFM (730 m<sup>3</sup>/h)/362 CFM (615 m<sup>3</sup>/h)/ 330 CFM (560 m<sup>3</sup>/h)/ 221 CFM (375 m<sup>3</sup>/h)

**Heat Exchanger**  
Dimensions  
(H x W x D) in. (mm)..... Main: 12-5/8 x 24-13/16 (320 x 630 x 20)  
Sub: 3-5/16 x 24-13/16 x 1/2 (84 x 630 x 13.3)  
Fin Pitch..... Main: 23 FPI / Sub: 18 FPI  
Rows x Stages..... Main: 2 x 20 Sub: 1 x 4  
Pipe Type (Material)..... Copper  
Fin 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..... Polystyrene  
Color..... White

**Sound Pressure Level**

Cooling  
High / Medium / Low / Quiet..... 42 dB (A) / 38 dB (A) / 33 dB (A) / 25 dB (A)  
Heating  
High / Medium / Low / Quiet..... 42 dB (A) / 38 dB (A) / 35 dB (A) / 27 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..... 1/2 " in. (12.70 mm)  
Method (Liquid/Gas)..... Flare  
Drain hose Material..... PP + LLDPE  
Size in. [mm]..... Ø9/16 (I.D.), Ø5/8-Ø11/16 (O.D.) [Ø13.8 (I.D.) Ø15.8-Ø16.7 (O.D.)]

**Weight**

Net..... 19.5 lbs. (8.5 kg)  
Gross..... 23 lbs. (10.5 kg)

**Accessories**

RXRNNUM..... Wired remote controller  
RXXRNNUM..... Wired remote controller (simple remote)  
RXXWZXZ5..... External connect kit  
RXXCBXZ2..... Communication kit



# Dimensions: RIWH15AVFJ

[Unit: in. (mm)]

