



**Submittal Data: RIWH07AVFJ
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 air filter
- Program timer
- Removable open panel
- Super quiet operation



Model Information

Evaporator..... RIWH07AVFJ
Condenser compatibility... ROMH18AFXZJ, ROMH24AFXZJ, ROMH36AFXZJ, ROMH45AFXZJ

Electrical..... 208/230V AC 1ph-60Hz
Available Voltage Range..... 208/230 +/- 10%
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)

Airflow Rate..... on: 194 ± 18°F (90 ± 10°C)
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..... RXRNNUM
Backlit Display..... RXRVNUM
Simple Remote Controller..... RXRSNUM
Dry Contact Wire Kit..... RXXWZZ5
Interface Kit..... RXXCBZZ2





Dimensions: RIWH07AVFJ

[Unit: in. (mm)]

