



Submittal Data: RIWH24AVFJ
Inverter Driven Heat Pump

24,000 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..... RIWH24AVFJ
Condenser compatibility..... ROSH24AXFWJ, ROMH36AFXZJ, ROMH45AFXZJ

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

Available Voltage Range..... 208/230 +/- 10%

Max Operating Current..... 0.3 A

Input Power

Cooling..... 1.76 kW

Heating..... 2.38 kW

Capacity

Nominal Cooling..... 24,000 Btu/h

Fan Motor

Type: DC Cross flow x1

Motor Output..... 42 W

Fan Motor Protection..... off: 302 ± 27°F (150 ± 15°C)

Airflow Rate..... on: 248 ± 27°F (120 ± 15°C)

Cooling (High / Medium / Low / Quiet)

659 CFM (1,120 m3/h) / 530 CFM (900 m3/h) / 436 CFM (740 m3/h) / 365 CFM (620 m3/h)

Heating (High / Medium / Low / Quiet)

647 CFM (1,00 m3/h) / 530 CFM (900 m3/h) / 436 CFM (740 m3/h) / 365 CFM (620 m3/h)

Heat Exchanger

Dimensions

(H x W x D) in. (mm)..... 15-7/8 x 33-3/4 x 1-1/16 (378x832x26.6)

Fin Pitch..... Main 21 FPI / Sub 18 FPI

Rows x Stages..... Main 2 x18 / 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 49 dB (A) / 42 dB (A) / 37 dB (A) / 33 dB (A)

Heating

High/Medium/Low/Quiet 48 dB (A) / 42 dB (A) / 37 dB (A) / 33 dB (A)

Dimensions

H x W x D

in. (mm)..... 12-5/8 x 39-1/4 x 9 (320x998x228)

Connection Pipe

Liquid..... 1/4" in. (6.35 mm)

Gas..... 5/8" in. (9.52 mm)

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

Drain hose Material..... PP + LLDPE

Size..... Ø1/2 (I.D.), Ø5/8 [Ø12 (I.D.), Ø16 O.D.]

Weight

Net..... 31 lbs. (14 kg)

Gross..... 40 lbs. (18 kg)

Accessories

Wired Remote Controller..... RXRNNUM

Backlit Display..... RXRVNUM

Simple Remote Controller..... RXRSNUM

Dry Contact Wire Kit..... RXXWZZZ5

Interface Kit..... RXXCBXZ2



Dimensions: RIWH24AVFJ

[Unit: in. (mm)]

