FUJITSU

Halcyon

Inspections Division
Date: 03/16/18

Submittal Data: 9RLS2
Inverter Driven Heat Pump
9,000 BTU Wall Mount

Job Name:_____ Date:_____

Location:_____ Approval:_____

Engineer:_____ Construction:_____

Submitted to:_____ Unit #:_____

Submitted by:_____ Drawing #:_____

Reference:_____

General Features

- Wired or wireless remote
- Energy saving program
- 3rd party device control
- Sleep timer
- 24-hour timer
- Weekly timer
- Dry mode
- Powerful mode

- Standard Warranty : 5 years parts, 7 years compressor. Applies to systems purchased before June 1st 2015*
- Extended Warranty: 10 years parts, 10 years compressor. Systems that have been installed on or after June 1st 2015 by licensed contractors and the online Product Registration has been submitted.**
- Elite Contractor Extended Warranty: 12 years parts, 12 years compressor. Systems that have been installed on or after June 1st 2015 by contractors who have met requirements and have been approved for elite contractor status plus, the online Product Registration has been submitted. ***

Model Information
Condenser…… AOU9RLS2
Evaporator…… ASU9RLS2

Electrical …… 208/230V AC 1ph-60Hz
Available Voltage Range…… 208/230 +/- 10%
Max Fuse Size…… 20A
Max Starting Current…… 3.7 A

Input Power
Cooling…… 0.56 kW
Heating…… 0.80 kW

Running Current
Cooling…… 2.7 A
Heating…… 3.7 A

Capacity
Nominal Cooling…… 9,000 Btu/h
Min-Max Cooling…… 3,100–12,000 Btu/h
Nominal Heating…… 12,000 Btu/h
Min-Max Heating…… 3,100-22,000 Btu/h

Compressor…… Rotary (inv x1)
Motor Output…… 850 W
Refrigerant…… R410a
Charge…… 2 lbs. 10 oz
Oil…… FREOL α68SZ

Fan Motor
(Condenser) Type: DC …… Propeller x1
(Condenser) Motor Output…… 115 W
(Evaporator) Type: DC…… Cross flow fan x1
(Evaporator) Motor Output…… 29 W

Heat Exchanger {Condenser (C) Evaporator (E)}
Dimensions (H x W x D)
Condenser…… 23-5/32 x 34-11/16 x 1-7/16 in. (588x881x36.4 mm)
Evaporator Main…. 12-19/32 x 27-5/32 x 25/32 in. (320x690x20) Sub 3-5/16 x 27-5/32 x 17/32 in. (84x690x13.3 mm)
Fin Pitch…… (C) 20 FPI / (E) Main: 23 FPI Sub: 18 FPI
Rows x Stages…… (C) 2 x 28 / (E) Main 2 x 20 Sub 1 x 4
Pipe Type (Material)…… Copper (C) Copper (E)
Fin Type (Material)…… Aluminum (C) Aluminum (E)

Operation Temperature Range
Cooling…… 14°F to 115°F (-10°C - 46°C)
Heating…… -5°F to 75°F (-21°C - 24°C)

Efficiency
SEER…… 27.2
EER (cooling)…… 4.71 kW/kW
COP (heating)…… 4.40 kW/kW
HSPF (heating)…… 12.5 Btu/hW

Enclosure
Condenser
Material…… Painted galvanized steel
Color…… Beige (10 YR 7.5/1.0 NN)
Evaporator
Material…… Polystyrene
Color…… White (Approximate color of Munsell 5PB 9.3)

Sound Pressure Level
Condenser…… 49 dB(A)
Evaporator…… 43 dB(A)

Dimensions
H x W x D
Condenser in. (mm)…… 24-1/2 x 31-3/32 x 11-11/32 (620x790x290)
Evaporator in. (mm)…… 11-3/32 x 34-1/4 x 7-9/32 (282x870x185)

Connection Pipe
Liquid…… 1/4" / 6.35 mm Flare
Gas…… 3/8" / 9.52 mm Flare
Method (Liquid/Gas)…… Brazing
Max Length {Pre-charge}…… 65 ft.{20 m} / (49 ft. {15 m})
Max Height Difference…… 49 ft. (15 m)
Drain Hose In. (mm)... Ø 17/32 (Ø13.8) (I.D.) Ø5/8 to Ø21/32 (Ø15.8 to Ø16.7) (O.D.)

Weight
Condenser…… 84 lbs. (38 kg)
Evaporator…… 21 lbs. (9.5 kg)

Accessories
UTY-RNNUM^…… Wired remote control
UTY-RVNUM^…… Wired remote control (backlit, shows room temp.)
UTY-RSNUM^…… Wired remote control (simple)
UTY-XWZXZ5…… Dry contact wire kit
UTY-TWBXF1…… Interface kit

Intertek©ETL Number
AOU9RLS2…… 91986
ASU9RLS2…… 91986

^1 Requires interface kit # UTY-TWBXF1 in order to connect these devices to them.

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)
(*Standard warranty / **10 y earwarranty / ***12 y earwarranty)

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Dimensions: 9RLS2

[Unit: in. (mm)]

Top view

Front view

Side view

Bottom view

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