

AOU24RLXFW Submittal



ASU24RLF

Inverter Driven Heat Pump

Job Name: Charles & Sandra Radis
 Location: 334 Island Ave, Peaks Island
 Engineer: n/a
 Submitted to: City of Portland
 Submitted by: Hoggin Energy
 Reference: n/a

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Outdoor Unit Power 208-230/VAC-1Ph-60Hz
 Available Voltage Range 187-253VAC
 Fuse Size, Max. 30A
 IACA 15.5A

Compressor Inverter Driven Variable Speed DC Twin Rotary
 No. used 1
 Output 2,100W
 Lubricant Oil POE RB68

Fan type Propeller
 Motor Output 100W
 Airflow rate Cooling/Heating (High) 2,001 / 2,119CFM

Refrigerant R410A
 Outdoor unit 4lbs 10.1oz
 Control Electronic Expansion Valve
 O.D. Discharge (in) 3/8" (Flare)
 O.D. Suction (in) 5/8" (Flare)

Dimensions H x W x D
 Uncrated (in) 32-3/4 x 35-3/8 x 13
 (mm) (830 x 900 x 330)
 Crated (in) 38-1/4 x 41-1/2 x 17-1/2
 (mm) (970 x 1050 x 445)

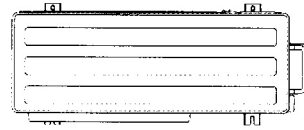
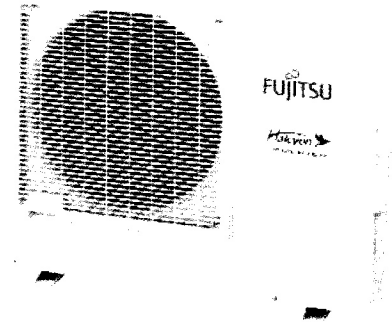
Weight Outdoor
 Net 135lbs (61kg)
 Gross Shipping 150lbs (68kg)

Cooling
 Rated Capacity 22,000BTU/h
 Min-Max Capacity 9,900~27,300BTU/h
 Rated Power Input 1.76kW
 Max. Power Input 3.42kW
 SEER 18.0
 Outdoor Sound Rating 54dB

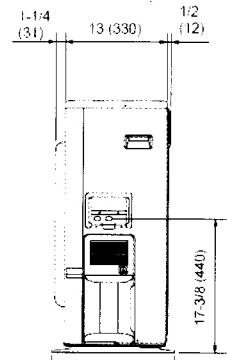
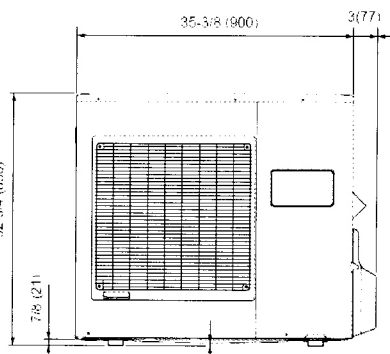
Heating
 Rated Capacity 27,600BTU/h
 Rated Power Input 2.38kW
 Max. Power Input 3.53kW
 HSPF 10.0
 Outdoor Sound Rating 55dB

Piping Lengths
 Max. Piping Length (Total) 164ft
 Max. Pipe Height Difference 98ft
 Connection method (Flared)

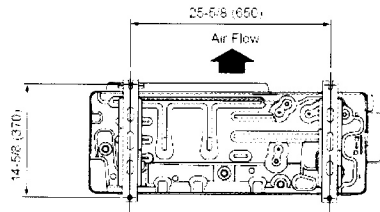
Operating Range
 Cooling 0°F~115°F DB
 Heating 0°F~75°F DB



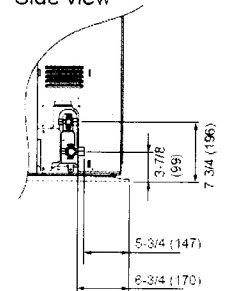
Top view



Side view



Bottom view



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Notes: Specifications are based on the following conditions.

Power source of specifications: 230V

Cooling: Indoor temperature of 80°F(26.67°C)DB / 67°F(19.44°C)WB, and outdoor temperature of 95°F(35°C)DB/75°F(23.89°C)WB.

Heating: Indoor temperature of 70°F(21.11°C)DB / 60°F(15.56°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: 0 ft.(0m) [Outdoor unit - Indoor unit]

Indoor Unit
Model ASU24RLF
Power 208-230/VAC-1Ph-60Hz
Available Voltage Range 187-253VAC

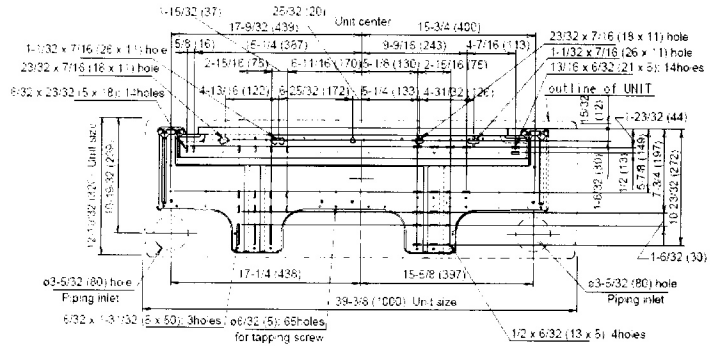
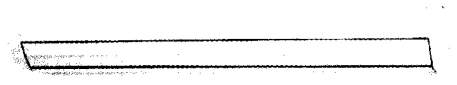
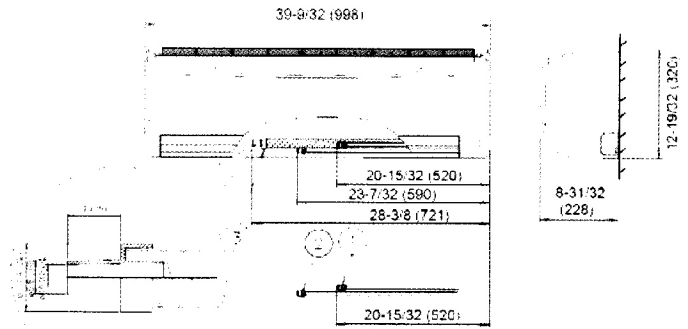
Fan
Type Cross flow
Motor Output 64W
MCA 0.3A

Sound pressure level
Cooling Lo-Hi 33-49dB
Heating Lo-Hi 33-49dB

Airflow rate
Cooling Lo-Hi 365-659CFM
Heating Lo-Hi 365-677CFM

Dimensions H x W x D
Uncrated (in) 12-5/8 x 39-1/4 x 9
 (mm) (320 x 998 x 228)
Crated (in) 12-3/5 x 42-15/16 x 16-7/8
 (mm) (319 x 1090 x 429)

Weight Outdoor
Net 31lbs (14kg)
Gross Shipping 40lbs (18kg)



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