

12RLS2 Submittal

AOU12RLS2, ASU12RLS2 Inverter Driven Heat Pump



Job Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

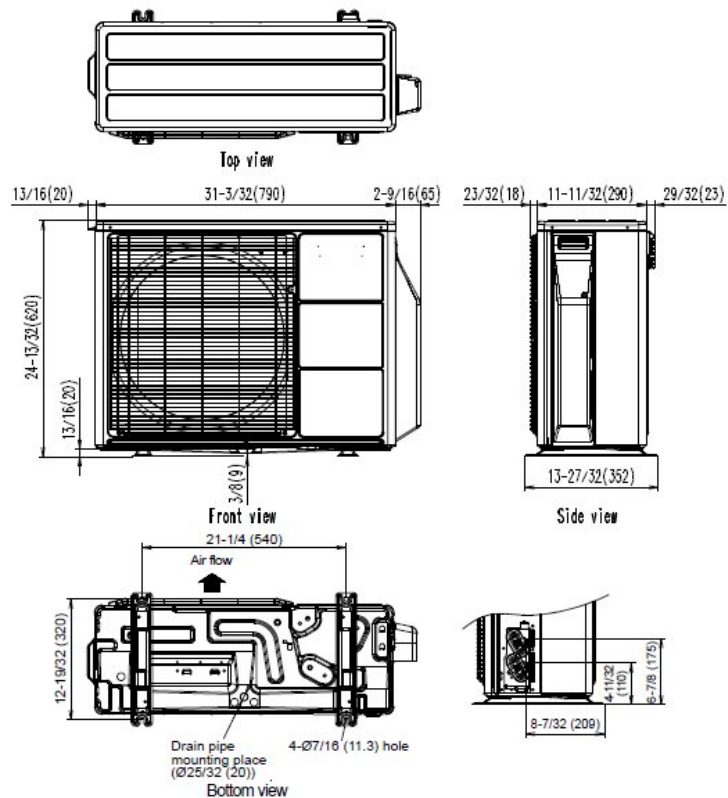
Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

| | |
|-----------------------------|--|
| Outdoor Unit Power | 208-230/VAC-1Ph-60Hz |
| Available Voltage Range | 187-253VAC |
| Fuse Size, Max. | 20A |
| MCA | 10.5A |
| Compressor | Inverter Driven Variable Speed DC Rotary |
| No. used | 1 |
| Output | 850W |
| Lubrican Oil | POE (RB68) |
| Fan type | Propeller |
| Motor Output | 115W |
| Airflow Rate | Cooling/Heating (High) 1206 / 1082CFM |
| Refrigerant | R410A |
| Outdoor Unit | 2lbs 10oz |
| Control | Electronic Expansion Valve |
| O.D. Discharge (in) | 1/4"(Flare) |
| O.D Suction (in) | 3/8"(Flare) |
| Dimensions | H x W x D |
| Uncrated (in) | 24-1/2 x 31-3/32 x 11-11/32 |
| (mm) | (620 x 790 x 290) |
| Crated (in) | 28-1/16 x 37-7/32 x 15-9/16 |
| (mm) | (713 x 945 x 395) |
| Weight | Outdoor |
| Net | 84lbs (38kg) |
| Gross Shipping | 93lbs (42kg) |
| Cooling | |
| Rated Capacity | 12,000BTU/h |
| Min-Max Capacity | 3,100~13,600BTU/h |
| Rated Power Input | 0.87kw |
| Max. Power Input | 2.05kw |
| SEER | 25 |
| EER | 13.8 |
| Outdoor Sound Rating | 49dB |
| Heating | |
| Rated Capacity | 16,000BTU/h |
| Min-Max Capacity | 3,100~22,100BTU/h |
| Rated Power Input | 1.20kw |
| Max. Power Input | 2.39kw |
| HSPF | 12 |
| EER | 13.3 |
| Outdoor Sound Rating | 50dB |
| Piping Lengths | |
| Max. Piping Length (Total) | 66ft |
| Max. Pipe Height Difference | 49ft |
| Connection method | (Flared) |

Operating Range
 Cooling 14°F~115°F DB
 Heating -5°F~75°F DB

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Note: 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]



