



**Submittal Data Sheet**

SkyAir 1.5 Ton, Heat Pump Outdoor Unit  
RZA18AAVJU

**FEATURES**

- Inverter technology delivers precise temperature control and superior energy efficiency, Air Conditioning Only option with switch on board, Compact 34-1/4" height on all tonnages, Easy Retrofit with same pipe sizing as prior models

**BENEFITS**

- 10 year limited parts and compressor warranty
- Optional Drain Pan Heater





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PERFORMANCE

|                                    |                                                        |                                    |                                                           |
|------------------------------------|--------------------------------------------------------|------------------------------------|-----------------------------------------------------------|
| Outdoor Unit Model No.             | RZA18AAVJU                                             | Outdoor Unit Name:                 | SkyAir 1.5 Ton, Heat Pump Outdoor Unit                    |
| Type:                              | Heat Pump                                              |                                    |                                                           |
| Rated Cooling Conditions:          | Indoor (°F DB/DB): 80 / 67<br>Ambient (°F DB/WB): 95 / | Rated Heating Conditions:          | Indoor (°F DB/WB): 70 / 60<br>Ambient (°F DB/WB): 47 / 43 |
| Rated Piping Length(ft):           | 25                                                     | Rated Height Difference (ft):      | 0.00                                                      |
| Rated Cooling Capacity (Btu/hr):   |                                                        | Rated Heating Capacity (Btu/hr):   |                                                           |
| Cooling Input Power (kW):          |                                                        | Heating Input Power (kW):          |                                                           |
| EER2 (Non-Ducted/Ducted):          |                                                        | HSPF2 (Non-Ducted/Ducted):         |                                                           |
| SEER2 (Non-Ducted/Ducted):         |                                                        |                                    |                                                           |
| Max/Min Cooling Capacity (Btu/hr): |                                                        | Max/Min Heating Capacity (Btu/hr): |                                                           |

OUTDOOR UNIT DETAILS

|                                       |                           |                                |          |
|---------------------------------------|---------------------------|--------------------------------|----------|
| Power Supply (V/Hz/Ph):               | 208-230 / 60 / 1          | Compressor Stage:              | Inverter |
| Power Supply Connections:             | H1, H2                    | Capacity Control Range (%):    | -        |
| Min. Circuit Amps MCA (A):            | 19.8                      | Airflow Rate (H) (CFM):        | 3000     |
| Max Overcurrent Protection (MOP) (A): | 20                        | Gas Pipe Connection (inch):    | 5/8      |
| Max Starting Current MSC(A):          |                           | Liquid Pipe Connection (inch): | 3/8      |
| Rated Load Amps RLA(A):               |                           | Sound Pressure (H) (dBA):      | 56       |
| Dimensions (HxWxD) (in):              | 34-1/4 x 43-5/16 x 18-1/8 | Sound Power Level (dBA):       |          |
| Net Weight (lb):                      | 234                       |                                |          |

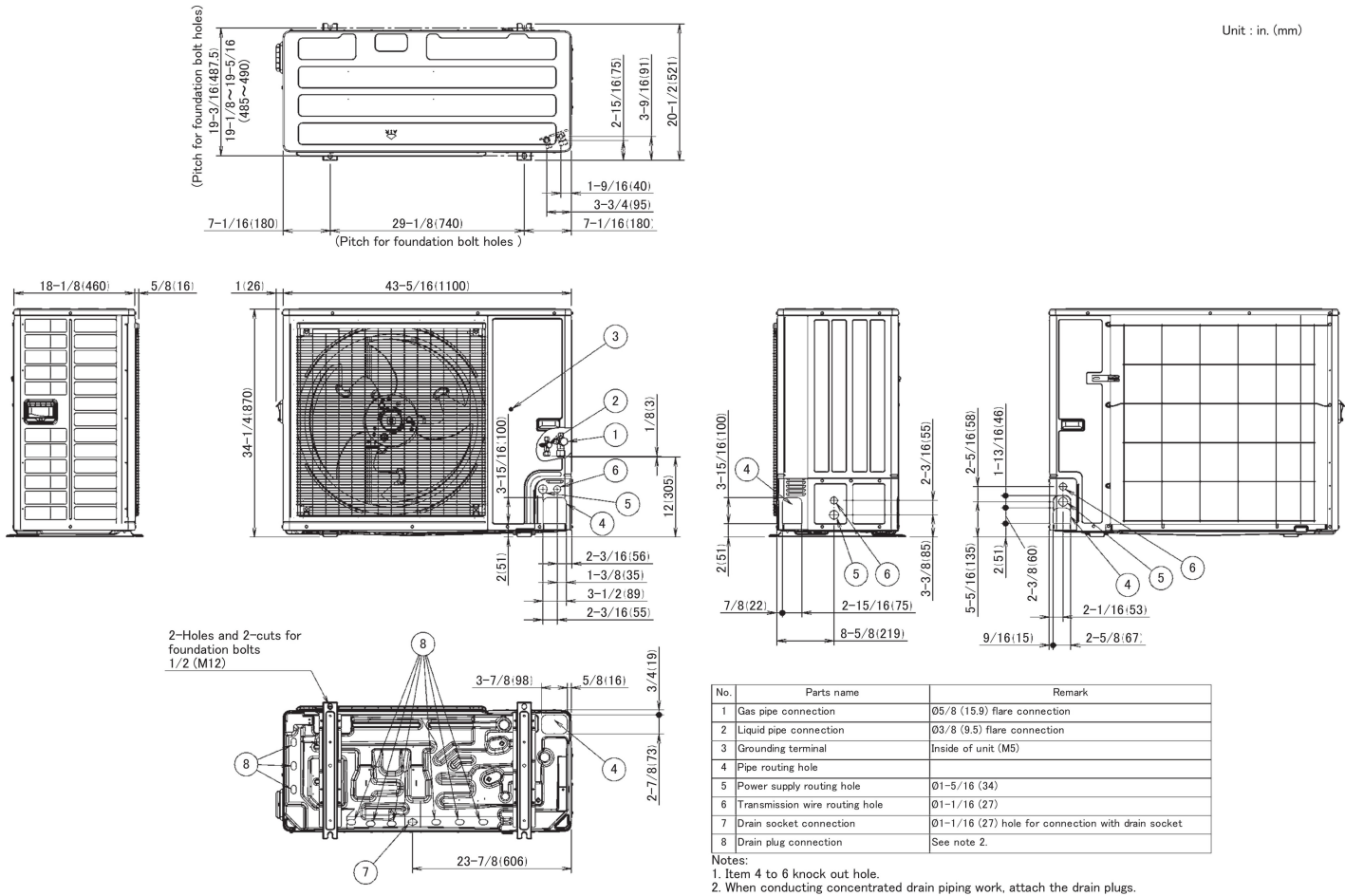
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## SYSTEM DETAILS

|                                        |      |                                   |          |
|----------------------------------------|------|-----------------------------------|----------|
| Refrigerant Type:                      | R-32 | Cooling Operation Range (°F DB):  | 23 - 122 |
| Holding Refrigerant Charge (lbs):      | 7.5  | Heating Operation Range (°F WB):  | -4 - 60  |
| Additional Charge (oz/ft):             |      | Max. Pipe Length (Vertical) (ft): | 98       |
| Pre-charge Piping (Length) (ft):       | 25   | Cooling Range w/Baffle (°F DB):   | -        |
| Max. Pipe Length (Total) (ft):         | 230  |                                   |          |
| Max Height Separation (Ind to Ind ft): | 0    |                                   |          |

## DIMENSIONAL DRAWING





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ACCESSORIES

| PART<br>NUMBER | DESCRIPTION                                       | INCLUDED |
|----------------|---------------------------------------------------|----------|
| BRP2A82        | ABC Terminal for VRV IV S                         | No       |
| KEH042A41A     | Drain Pan heater for single phase VRVs and SkyAir | No       |
| KPW082A41      | Air direction adjustment grille                   | No       |
| KRC19-26A6     | COOL/HEAT SELECTOR                                | No       |