


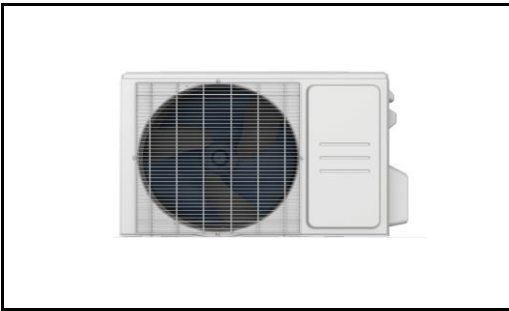


## Submittal Data Sheet

|                    |   |   |
|--------------------|---|---|
| <b>Set Code</b>    |   | 22022310003169  |
| Indoor unit code   |   | 22022011016623  |
| Outdoor unit code  |   | 22022316001345  |
| <b>Set Model</b>   |   |   |
| Indoor unit model  |   | DSAG11B-09HRFN1-MX7W(GA)*2  |
| Outdoor unit model |   | D2OA-18HFN1-M   |
| <b>Certified</b>   |   |   |
| AHRI               |  |  |
| UL                 |  |   |



### SYSTEM PERFORMANCE DATA

|                            |             |                              |
|----------------------------|-------------|------------------------------|
| <b>Power supply</b>        |             |                              |
| Normal Operational Voltage | (V, Ph, Hz) | 208/230V,1Ph, 60Hz           |
| Voltage Range              | (V)         | 187-253                      |
| <b>Electrical</b>          |             |                              |
| Minimum circuit ampacity   | (A)         | 18.0                         |
| Max.fuse                   | (A)         | 25.0                         |
| Connection wiring          |             | 14AWG*4 Stranded, unshielded |
| <b>Cooling</b>             |             |                              |
| Capacity                   | (Btu/h)     | 18000(4950-23000)            |
| Power Input                | (W)         | 1440(217-2026)               |
| Current                    | (A)         | 6.4(1.76-8.91)               |
| SEER2                      | (Btu/W)     | 21.0                         |
| EER2                       | (Btu/W)     | 12.5                         |
| <b>Heating</b>             |             |                              |
| Capacity                   | (Btu/h)     | 19000(4900-23000)            |
| Power Input                | (W)         | 1550(317-1959)               |
| Current                    | (A)         | 6.7(2.41-8.61)               |
| HSPF2-4                    | (Btu/W)     | 10.2                         |
| HSPF2-5                    | (Btu/W)     | 7.7                          |
| COP                        | W/W         | 3.59                         |
| Heat at 17F(H32)           | (Btu/h)     | 14400                        |
| Heat at 5F(H42)            | (Btu/h)     | 12600                        |
| COP at 5F(H42)             | W/W         | 2.00                         |

### REFRIGERANT PIPE DATA

|   |         |         |
|---|---------|---------|
| Design pressure   | (PSIG)  | 550/340 |
| Refrigerant Type  |         | R410A   |
| Refrigerant charge  | oz      | 65.3    |
| Refrigerant precharge                                     | (ft)    | 25x2    |
| Additional charge for each ft (Φ 6.35 (1/4") liquid pipe) | (oz/ft) | 0.16    |
|   | (g/ft)  | 15.0    |
| Additional charge for each ft (Φ 9.52 (3/8") liquid pipe) | (oz/ft) | 0.32    |
|   | (g/ft)  | 30.0    |
| Liquid side   | (inch)  | 2x1/4"  |
|   | (mm)    | 2x6.35  |
| Gas side  | (inch)  | 2x3/8"  |
|   | (mm)    | 2x9.52  |
| Max. length for all rooms                                 | (ft)    | 131.2   |
|   | (m)     | 40.0    |
| Max. length for one indoor unit                           | (ft)    | 82.0    |
|   | (m)     | 25.0    |
| Max. height difference between indoor and outdoor unit    | (ft)    | 49.2    |
|   | (m)     | 15.0    |
| Max. height difference between indoor units               | (ft)    | 33.0    |
|   | (m)     | 10.0    |

### OUTDOOR UNIT DATA

|                                   |           |                    |
|-----------------------------------|-----------|--------------------|
| Outdoor(cooling)                  | (Deg. °F) | 5~122              |
|                                   | (Deg. °C) | -15 ~ 50           |
| Outdoor(heating)                  | (Deg. °F) | -13 ~ 75           |
|                                   | (Deg. °C) | -25 ~ 24           |
| <b>Compressor</b>                 |           |                    |
| Type                              |           | Twin-ROTARY        |
| Model                             |           | KTN150D30UFZA      |
| Brand                             |           | GMCC               |
| Capacity                          | (Btu/h)   | 16139              |
| Input                             | (W)       | 1250               |
| Rated current (RLA)               | (A)       | /                  |
| Refrigerant oil/oil charge        | (ml)      | ESTER OIL VG74 450 |
| <b>Outdoor fan motor</b>          |           |                    |
| Model                             |           | ZKFN-80-8-3        |
| Qty                               |           | 1                  |
| Input                             | (W)       | /                  |
| Output                            | (W)       | 80.00              |
| RLA                               | (A)       | /                  |
| Speed                             | (r/min)   | 750/600/500        |
| <b>Air flow &amp; Noise level</b> |           |                    |
| Outdoor air flow (Max.)           | (CFM)     | 1764.71            |
| Outdoor noise level               | [dB(A)]   | 59.50              |
| <b>Outdoor unit</b>               |           |                    |
| Dimension (W×D×H)                 | (inch)    | 35.04x13.46x26.50  |
|                                   | (mm)      | 890x342x673        |
| Packing (W×D×H)                   | (inch)    | 40.55x17.24x29.53  |
|                                   | (mm)      | 1030x438x750       |
| Net/ Gross weight                 | (lbs.)    | 100.31/108.69      |
|                                   | (kg)      | 45.5/49.3          |

Outdoor unit dimension

