

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: **DLCERAH18AAK**

Submittal Data

Job Data: Location:

Buyer: Buyer P.O. #: Carrier #:

Unit Number: Model Number:

Performance Data Certified By: Date:



STANDARD FEATURES

- Cost competitive
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation
- Aluminum Golden Hydrophilic pre-coated fins

Specifications

| | | | |
|-----------------|--------------------------------|-----------------|----------------|
| System | Size | 18 | |
| | Outdoor Model | DLCERAH18AAK | |
| Electrical | Voltage, Phase, Cycle | V/Ph/Hz | 208/230-1-60 |
| | MCA | A. | 15 |
| | MOCP - Fuse Rating | A. | 20 |
| Operating Range | Cooling Outdoor DB Min - Max | °F(°C) | 0~122 (-17~50) |
| | Heating Outdoor DB Min - Max | °F(°C) | 0~86 (-17~30) |
| Piping | Total Piping Length | ft (m) | 98 (30) |
| | Piping Lift* | ft (m) | 66 (20) |
| | Pipe Connection Size - Liquid | in (mm) | 1/4 (6.35) |
| | Pipe Connection Size - Suction | in (mm) | 1/2 (12.7) |
| Refrigerant | Type | R410A | |
| | Charge | lbs (kg) | 2.82 (1.28) |
| | Metering Device | EEV | |
| Outdoor Coil | Face Area | Sq. Ft. | 4.67 |
| | No. Rows | 2 | |
| | Fins per inch | 18 | |
| | Circuits | 4 | |
| Compressor | Compressor Type | Rotary Inverter | |
| | Model | ASM135D23UFZ | |
| | Oil Type | VG74 | |
| | Oil Charge | Fl. Oz. | 15.8 |
| | Rated Current | RLA | 10.5 |

| | | | |
|-----------------------|--------------------------------|----------|---------------|
| Performance High Wall | Energy Star | | NO |
| | Cooling System Tons | | 1.5 |
| | Cooling Rated Capacity | Btu/h | 18000 |
| | Cooling Cap. Range Min - Max | Btu/h | 5,500-19,000 |
| | SEER | Btu/Wh | 17.5 |
| | EER | Btu/Wh | 11.2 |
| | Heating Rated Capacity (47°F) | Btu/h | 18000 |
| | Heating Maximum Capacity (5°F) | Btu/h | 10150 |
| | Heating Cap. Range Min - Max | Btu/h | 6,2000-19,000 |
| | HSPF | | 10.6 |
| Outdoor | COP (47°F) | W/W | 3.26 |
| | COP (5°F) | W/W | 1.5 |
| | Unit Width | in (mm) | 31.50 (800) |
| | Unit Height | in (mm) | 21.81 (554) |
| | Unit Depth | in (mm) | 13.11 (333) |
| | Net Weight | lbs (kg) | 79.6 (36.1) |
| Airflow | CFM | 1170 | |
| Sound Pressure | dB(A) | 57 | |

* Condensing unit above or below indoor unit
For Compatibility See Product Data

Construction View

