

# Outdoor Unit Single Zone Heat Pump Ductless System

**Outdoor Model: DLCERAH24AAK**

## 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                           | 24              |                |
|                 | Outdoor Model                  | DLCERAH24AAK    |                |
| Electrical      | Voltage, Phase, Cycle          | V/Ph/Hz         | 208/230-1-60   |
|                 | MCA                            | A.              | 18             |
|                 | MOCP - Fuse Rating             | A.              | 25             |
| 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)          | 164 (50)       |
|                 | Piping Lift*                   | ft (m)          | 66 (20)        |
|                 | Pipe Connection Size - Liquid  | in (mm)         | 3/8 (9.52)     |
|                 | Pipe Connection Size - Suction | in (mm)         | 5/8 (16)       |
| Refrigerant     | Type                           | R410A           |                |
|                 | Charge                         | lbs (kg)        | 3.97 (1.80)    |
|                 | Metering Device                | EEV             |                |
| Outdoor Coil    | Face Area                      | Sq. Ft.         | 5.33           |
|                 | No. Rows                       | 2               |                |
|                 | Fins per inch                  | 18              |                |
|                 | Circuits                       | 4               |                |
| Compressor      | Compressor Type                | Rotary Inverter |                |
|                 | Model                          | ATF235D22UMT    |                |
|                 | Oil Type                       | VG74            |                |
|                 | Oil Charge                     | Fl. Oz.         | 23.6           |
|                 | Rated Current                  | RLA             | 12             |

|                       |                                |          |              |
|-----------------------|--------------------------------|----------|--------------|
| Performance High Wall | Energy Star                    |          | NO           |
|                       | Cooling System Tons            |          | 2.0          |
|                       | Cooling Rated Capacity         | Btu/h    | 24000        |
|                       | Cooling Cap. Range Min - Max   | Btu/h    | 8,987-26,585 |
|                       | SEER                           | Btu/Wh   | 16.9         |
|                       | EER                            | Btu/Wh   | 9.7          |
|                       | Heating Rated Capacity (47°F)  | Btu/h    | 24800        |
|                       | Heating Maximum Capacity (5°F) | Btu/h    | 16760        |
|                       | Heating Cap. Range Min - Max   | Btu/h    | 8,371-25,350 |
|                       | HSPF                           |          | 9.6          |
| Outdoor               | COP (47°F)                     | W/W      | 3.13         |
|                       | COP (5°F)                      | W/W      | 1.4          |
|                       | Unit Width                     | in (mm)  | 33.27 (845)  |
|                       | Unit Height                    | in (mm)  | 27.64 (702)  |
|                       | Unit Depth                     | in (mm)  | 14.29 (363)  |
|                       | Net Weight                     | lbs (kg) | 114.2 (51.8) |
|                       | Airflow                        | CFM      | 1765         |
| Sound Pressure        | dB(A)                          | 60.2     |              |

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

# Construction View

