

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: DLCSRAH24AAK

Submittal Data

Job Data: Location:

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

Unit Number: Model Number:

Performance Data Certified By: Date:



STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Refrigerant Leakage Detection
- Modes: Cool, Heat, Dry, Fan, Auto
- Quiet operation
- Aluminum Golden Hydrophilic pre-coated fins



NOTE: Images for illustration purposes only. Actual models may be slightly different.

| | | | |
|-----------------|--------------------------------|--------------|------------------|
| System | Size | 24 | |
| | Outdoor Model | DLCSRAH24AAK | |
| Electrical | Voltage, Phase, Cycle | V/Ph/Hz | 208/230-1-60 |
| | MCA | A. | 20 |
| | MOCP - Fuse Rating | A. | 30 |
| Operating Range | Cooling Outdoor DB Min - Max | °F(°C) | -13~122 (-25~50) |
| | Heating Outdoor DB Min - Max | °F(°C) | -22~86 (-30~30) |
| Piping | Total Piping Length | ft (m) | 98 (30) |
| | 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 | Refrigerant Type | R410A | |
| | Metering Device | EEV | |
| | Charge | lbs (kg) | 5.73 (2.6) |

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

| | | | |
|--------------|----------------|-----------------|-------------|
| Outdoor Coil | Face Area | Sq. Ft. | 8.2 |
| | No. Rows | 2 | |
| | Fins per inch | 20 | |
| | Circuits | 4 | |
| Compressor | Type | Rotary Inverter | |
| | Model | ATF235D22UMT | |
| | Oil Type | VG74 | |
| | Oil Charge | Fl. Oz. | 23.6 |
| | Rated Current | RLA | 14.0 |
| Outdoor | Unit Width | in (mm) | 37.24 (946) |
| | Unit Height | in (mm) | 31.89 (810) |
| | Unit Depth | in (mm) | 16.54 (420) |
| | Net Weight | lbs (kg) | 141.1 (64) |
| | Airflow | CFM | 2,355 |
| | Sound Pressure | dB(A) | 61.0 |

Performance

| | | | |
|---------------|---------------------------------|-------|--------------|
| High Wall | Indoor Model | | DLFSHAH24XAK |
| | Energy Star | | YES |
| | Cooling Rated Capacity | Btu/h | 24,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 5200-23000 |
| | SEER | | 20.0 |
| | EER | | 12.5 |
| | Heating Rated Capacity (47°F) | Btu/h | 25,000 |
| | Heating Rated Capacity (17°F) | Btu/h | 15,000 |
| | Heating Maximum Capacity (17°F) | Btu/h | 22,700 |
| | Heating Maximum Capacity (5°F) | Btu/h | 23,300 |
| | Heating Cap. Range Min - Max | Btu/h | 2300-26800 |
| | HSPF | | 10.0 |
| | COP (47°F) | W/W | 2.93 |
| | COP (17°F) | W/W | 2.35 |
| COP (5°F) | W/W | 1.70 | |
| Cassette | Indoor Model | | DLFSCAH24XAK |
| | Energy Star | | NO |
| | Cooling Rated Capacity | Btu/h | 24,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 11000-28600 |
| | SEER | | 20.0 |
| | EER | | 11 |
| | Heating Rated Capacity (47°F) | Btu/h | 24,000 |
| | Heating Rated Capacity (17°F) | Btu/h | 16,200 |
| | Heating Maximum Capacity (17°F) | Btu/h | 31,700 |
| | Heating Maximum Capacity (5°F) | Btu/h | 30,000 |
| | Heating Cap. Range Min - Max | Btu/h | 10200-33600 |
| | HSPF | | 11.5 |
| | COP (47°F) | W/W | 3.66 |
| | COP (17°F) | W/W | 2.97 |
| COP (5°F) | W/W | 1.93 | |
| Ducted | Indoor Model | | DLFSDAH24XAK |
| | Energy Star | | YES |
| | Cooling Rated Capacity | Btu/h | 24,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 11000-28600 |
| | SEER | | 21.0 |
| | EER | | 12.5 |
| | Heating Rated Capacity (47°F) | Btu/h | 24,000 |
| | Heating Rated Capacity (17°F) | Btu/h | 17,400 |
| | Heating Maximum Capacity (17°F) | Btu/h | 31,700 |
| | Heating Maximum Capacity (5°F) | Btu/h | 30,000 |
| | Heating Cap. Range Min - Max | Btu/h | 10200-33600 |
| | HSPF | | 12.0 |
| | COP (47°F) | W/W | 3.66 |
| | COP (17°F) | W/W | 2.97 |
| COP (5°F) | W/W | 1.93 | |
| Floor Console | Indoor Model | | DLFSFAH24XAK |
| | Energy Star | | NO |
| | Cooling Rated Capacity | Btu/h | 24,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 11000-29200 |
| | SEER | | 20.0 |
| | EER | | 11.5 |
| | Heating Rated Capacity (47°F) | Btu/h | 24,000 |
| | Heating Rated Capacity (17°F) | Btu/h | 17,200 |
| | Heating Maximum Capacity (17°F) | Btu/h | 27,950 |
| | Heating Maximum Capacity (5°F) | Btu/h | 25,000 |
| | Heating Cap. Range Min - Max | Btu/h | 10200-18400 |
| | HSPF | | 11.5 |
| | COP (47°F) | W/W | 3.66 |
| | COP (17°F) | W/W | 2.80 |
| COP (5°F) | W/W | 1.67 | |

Construction View

Outdoor Model: **DLCSRAH24AAK**

