

Outdoor Unit Multi-zone Heat Pump Ductless System

Outdoor Model: **DLCMRAH27CAK**

Submittal Data

Job Data:

Location:

Buyer: Buyer P.O. #:

Carrier #:

Unit Number:

Model Number:

Performance Data Certified By:

Date:



MULTI-ZONE STANDARD FEATURES

Features Outdoor:

- Connect up to 3, multiple style indoor units
 - High Wall
 - Cassette
 - Ducted
 - Console
- Variable Speed (Inverter) Compressor
- Basepan Heater factory installed
- Quiet operation
- Aluminum Golden Hydrophilic pre-coated fins

Cooling operating range -13°~122° F (-25°~50° C)

Heating operating range -22°~86° F (-30°~30° C)

Compatibility Table

For matched compatibility see Product Data

| INDOOR UNIT | |
|-------------|--------------|
| High Wall | DLFPHAH09XAK |
| | DLFPHAH12XAK |
| | DLFSHAH09XAK |
| | DLFSHAH12XAK |
| | DLFSHAH18XAK |
| | DLFEHAH09XAK |
| | DLFEHAH12XAK |
| Cassette | DLFSCAH09XAK |
| | DLFSCAH12XAK |
| | DLFSCAH18XAK |
| Ducted | DLFSDAH09XAK |
| | DLFSDAH12XAK |
| | DLFSDAH18XAK |
| Console | DLFSFAH12XAK |
| | DLFSFAH18XAK |

Specifications

| | | | |
|--|--------------------------------|--------------|------------|
| System | Size | 27 | |
| | Outdoor Model | DLCMRAH27CAK | |
| | Max Number of Zones | 3 | |
| Performance Non-Ducted | Energy Star | NO | |
| | Cooling System Tons | 2.3 | |
| | Cooling Rated Capacity | Btu/h | 27,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 7880-33510 |
| | SEER | 20.4 | |
| | EER | 11.5 | |
| | Heating Rated Capacity (47°F) | Btu/h | 27,000 |
| | Heating Maximum Capacity (5°F) | Btu/h | 22,700 |
| | Heating Cap. Range Min - Max | Btu/h | 6010-36180 |
| | HSPF | 10.8 | |
| | COP (47°F) | W/W | 4 |
| COP (5°F) | W/W | 3.36 | |
| Performance Combination Ducted and Non-Ducted | Energy Star | NO | |
| | Cooling System Tons | 2.3 | |
| | Cooling Rated Capacity | Btu/h | 27,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 7765-31955 |
| | SEER | 19.45 | |
| | EER | 11.25 | |
| | Heating Rated Capacity (47°F) | Btu/h | 27,000 |
| | Heating Maximum Capacity (5°F) | Btu/h | 21,850 |
| | Heating Cap. Range Min - Max | Btu/h | 5980-36190 |
| | HSPF | 9.9 | |
| | COP (47°F) | W/W | 3.75 |
| COP (5°F) | W/W | 3.04 | |
| Performance Ducted | Energy Star | NO | |
| | Cooling System Tons | 2.3 | |
| | Cooling Rated Capacity | Btu/h | 27,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 7650-30400 |
| | SEER | 18.5 | |
| | EER | 11 | |
| | Heating Rated Capacity (47°F) | Btu/h | 27,000 |
| | Heating Maximum Capacity (5°F) | Btu/h | 21,000 |
| | Heating Cap. Range Min - Max | Btu/h | 5950-36200 |
| | HSPF | 9 | |
| | COP (47°F) | W/W | 3.5 |
| COP (5°F) | W/W | 2.72 | |

| | | | |
|--------------------|--------------------------------|----------------|------------------|
| 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) | 197 (60) |
| | Piping to furthest FCU | ft (m) | 98 (30) |
| | Drop (OD above ID) | ft (m) | 49 (15) |
| | Lift (OD below ID) | ft (m) | 49 (15) |
| | Pipe Connection Size - Liquid | in (mm) | 1/4*3(6.35*3) |
| | Pipe Connection Size - Suction | in (mm) | 3/8*3(9.52*3) |
| Refrigerant | Type | R410A | |
| | Charge | lbs (kg) | 6.17(2.8) |
| | Metering Device | EEV | |
| Electrical | Voltage, Phase, Cycle | V/Ph/Hz | 208/230-1-60 |
| | Power Supply | 0 | |
| | MCA | A. | 25 |
| | MOCP - Fuse Rating | A. | 35 |
| Compressor | Type | R410A | |
| | Model | ATF235D22UMT | |
| | Oil Type | ESTER OIL VG74 | |
| | Oil Charge | Fl. Oz. | 23.58 |
| Outdoor | Rated Current | RLA | 15 |
| | Unit Width | in (mm) | 41.22 (1047) |
| | Unit Height | in (mm) | 31.88 (810) |
| | Unit Depth | in (mm) | 17.91 (455) |
| | Net Weight | lbs (kg) | 149.9 (68) |
| | Airflow | CFM | 2130 |
| Sound Pressure | dB(A) | 63.4 | |

Construction View

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