

Outdoor Unit Single Zone Heat Pump Ductless System

DLCSRB Submittal Selection

Job Data:

Location:

Carrier #:

Tag #:

Date:



| Outdoor Model # | Size |
|-----------------|----------------|
| DLCSRBH12AAJ | 12K - 115V |
| DLCSRBH06AAK | 6K |
| DLCSRBH09AAK | 9K |
| DLCSRBH12AAK | 12K - 208/230V |
| DLCSRBH18AAK | 18K |
| DLCSRBH24AAK | 24K |
| DLCSRBH30AAK | 30K |
| DLCSRBH36AAK | 36K |
| DLCSRBH36ABK | 36K - AHU Only |

| Combination Selection | |
|-----------------------|-----|
| Outdoor Unit | 24K |
| Indoor Category | ALL |

STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Quiet operation
- Anti-corrosive fin coating

LIMITED WARRANTY*

- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years
 - *For residential applications.
- See warranty for full details.

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

Specifications

| System | Outdoor Size | | Outdoor - Heat Pump | | | | | | | |
|-----------------|---|-------------|---------------------|--|--|--|--|--|------------------|--|
| | Outdoor Size | | | | | | | | | |
| Electrical | Voltage, Phase, Cycle | V/Ph/Hz | | | | | | | 24K | |
| | MCA | A. | | | | | | | 208/230-1-60 | |
| | Recommended Fuse Size | A. | | | | | | | 25 | |
| | MOCP - Fuse Rating | A. | | | | | | | 30 | |
| Operating Range | Short Circuit Current Rating (SCCR) | kA | | | | | | | 35 | |
| | Cooling Outdoor DB Min - Max | °F(°C) | | | | | | | 2.4 | |
| | Heating Outdoor DB Min - Max | °F(°C) | | | | | | | -22~122 (-30~50) | |
| Piping | Total Piping Length | ft (m) | | | | | | | -22~86 (-30~30) | |
| | Piping Lift | ft (m) | | | | | | | 164 (50) | |
| | Pipe Connection Size - Liquid | in (mm) | | | | | | | 82 (25) | |
| | Pipe Connection Size - Suction | in (mm) | | | | | | | 3/8 (9.52) | |
| Refrigerant | Refrigerant Type | | | | | | | | 5/8 (16) | |
| | Charge | lbs (kg) | | | | | | | R410A | |
| | Add'l Refrigerant (between Std & Max Piping Lngths) | Oz/ft (g/m) | | | | | | | 5.73 (2.6) | |
| | Metering Device | | | | | | | | 0.322 (30) | |
| Outdoor Coil | Face Area | Sq. Ft. | | | | | | | EEV | |
| | No. Rows | | | | | | | | 8.16 | |
| | Fins per inch | | | | | | | | 2 | |
| | Circuits | | | | | | | | 20 | |
| Compressor | Type | | | | | | | | 4 | |
| | Model | | | | | | | | Rotary Inverter | |
| | Oil Type | | | | | | | | KTM240D43UKT | |
| | Oil Charge | Fl. Oz. | | | | | | | VG74 | |
| Airflow & Sound | Rated Current | RLA | | | | | | | 20.97 | |
| | Airflow | CFM | | | | | | | 14.8 | |
| Sound Pressure | Sound Pressure | dB(A) | | | | | | | 2235.29 | |
| | | | | | | | | | 62 | |

* Condensing unit above or below indoor unit

Performance

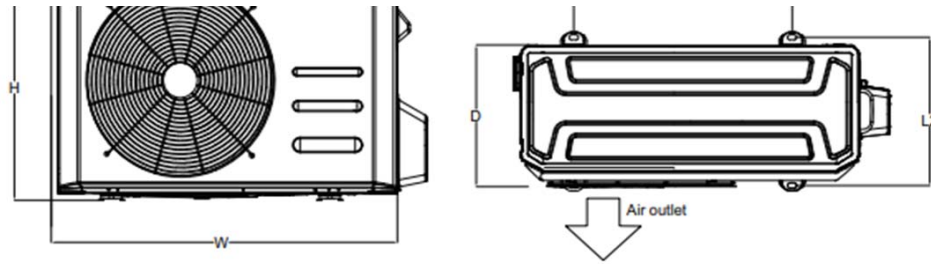
| System | Outdoor Size | | 12K - 115V | 6K | 9K | 12K - 208/230V | 18K | 24K | 30K | 36K | 36K - AHU Only |
|-----------|---------------------------------|-------------|------------|----|----|----------------|-----|--------------|-----|-----|----------------|
| | Indoor Model | Energy Star | | | | | | | | | |
| High Wall | Cooling Rated Capacity | Btu/h | | | | | | 24000 | | | |
| | Cooling Cap. Range Min - Max | Btu/h | | | | | | 7,295-26,600 | | | |
| | SEER | | | | | | | 21.5 | | | |
| | EER | | | | | | | 12.5 | | | |
| | Heating Rated Capacity (47°F) | Btu/h | | | | | | 26000 | | | |
| | Heating Rated Capacity (17°F) | Btu/h | | | | | | 17000 | | | |
| | Heating Maximum Capacity (17°F) | Btu/h | | | | | | 24000 | | | |
| | Heating Maximum Capacity (5°F) | Btu/h | | | | | | 23000 | | | |
| | Heating Cap. Range Min - Max | Btu/h | | | | | | 9,500-27,400 | | | |
| | HSPF | | | | | | | 11.5 | | | |
| | COP (47°F) | W/W | | | | | | 2.99 | | | |
| | COP (17°F) | W/W | | | | | | 2.49 | | | |
| | COP (5°F) | W/W | | | | | | 1.79 | | | |

| | Outdoor Size | 12K - 115V | 6K | 9K | 12K - 208/230V | 18K | 24K | 30K | 36K | 36K - AHU Only |
|-------------------------|---------------------------------|------------|----|----|----------------|------|---------------|-----|-----|----------------|
| Cassette | Indoor Model | | | | | | 24K | | | |
| | Energy Star | | | | | | NO | | | |
| | Cooling System Tons | | | | | | 2 | | | |
| | Cooling Rated Capacity | Btu/h | | | | | 24000 | | | |
| | Cooling Cap. Range Min - Max | Btu/h | | | | | 8,000-25,000 | | | |
| | SEER | | | | | | 20 | | | |
| | EER | | | | | | 11 | | | |
| | Heating Rated Capacity (47°F) | Btu/h | | | | | 24000 | | | |
| | Heating Rated Capacity (17°F) | Btu/h | | | | | 15100 | | | |
| | Heating Maximum Capacity (17°F) | Btu/h | | | | | 24200 | | | |
| | Heating Maximum Capacity (5°F) | Btu/h | | | | | 24100 | | | |
| | Heating Cap. Range Min - Max | Btu/h | | | | | 11,840-27,000 | | | |
| | HSPF | | | | | | 11.6 | | | |
| | COP (47°F) | W/W | | | | | 3.5 | | | |
| COP (17°F) | W/W | | | | | 2.7 | | | | |
| COP (5°F) | W/W | | | | | 1.75 | | | | |
| Ducted | Indoor Model | | | | | | 24K | | | |
| | Energy Star | | | | | | YES | | | |
| | Cooling System Tons | | | | | | 2 | | | |
| | Cooling Rated Capacity | Btu/h | | | | | 24000 | | | |
| | Cooling Cap. Range Min - Max | Btu/h | | | | | 6,500-27,800 | | | |
| | SEER | | | | | | 20.6 | | | |
| | EER | | | | | | 12.5 | | | |
| | Heating Rated Capacity (47°F) | Btu/h | | | | | 24600 | | | |
| | Heating Rated Capacity (17°F) | Btu/h | | | | | 14500 | | | |
| | Heating Maximum Capacity (17°F) | Btu/h | | | | | 26500 | | | |
| | Heating Maximum Capacity (5°F) | Btu/h | | | | | 24600 | | | |
| | Heating Cap. Range Min - Max | Btu/h | | | | | 12,200-32,200 | | | |
| | HSPF | | | | | | 12.6 | | | |
| | COP (47°F) | W/W | | | | | 3.66 | | | |
| COP (17°F) | W/W | | | | | 2.8 | | | | |
| COP (5°F) | W/W | | | | | 2.01 | | | | |
| Mix Match Ducted | Indoor Model | | | | | | | | | |
| | Energy Star | | | | | | | | | |
| | Cooling System Tons | | | | | | | | | |
| | Cooling Rated Capacity | Btu/h | | | | | | | | |
| | Cooling Cap. Range Min - Max | Btu/h | | | | | | | | |
| | SEER | | | | | | | | | |
| | EER | | | | | | | | | |
| | Heating Rated Capacity (47°F) | Btu/h | | | | | | | | |
| | Heating Rated Capacity (17°F) | Btu/h | | | | | | | | |
| | Heating Maximum Capacity (17°F) | Btu/h | | | | | | | | |
| | Heating Maximum Capacity (5°F) | Btu/h | | | | | | | | |
| | Heating Cap. Range Min - Max | Btu/h | | | | | | | | |
| | HSPF | | | | | | | | | |
| | COP (47°F) | W/W | | | | | | | | |
| COP (17°F) | W/W | | | | | | | | | |
| COP (5°F) | W/W | | | | | | | | | |
| Console | Indoor Model | | | | | | 24K | | | |
| | Energy Star | | | | | | NO | | | |
| | Cooling System Tons | | | | | | 2.0 | | | |
| | Cooling Rated Capacity | Btu/h | | | | | 24,000 | | | |
| | Cooling Cap. Range Min - Max | Btu/h | | | | | 9,000-26,800 | | | |
| | SEER | | | | | | 20.2 | | | |
| | EER | | | | | | 11.5 | | | |
| | Heating Rated Capacity (47°F) | Btu/h | | | | | 24,600 | | | |
| | Heating Rated Capacity (17°F) | Btu/h | | | | | 14,500 | | | |
| | Heating Maximum Capacity (17°F) | Btu/h | | | | | 26,661 | | | |
| | Heating Maximum Capacity (5°F) | Btu/h | | | | | 24,100 | | | |
| | Heating Cap. Range Min - Max | Btu/h | | | | | 12,500-30,500 | | | |
| | HSPF | | | | | | 11.6 | | | |
| | COP (47°F) | W/W | | | | | 3.52 | | | |
| COP (17°F) | W/W | | | | | 2.70 | | | | |
| COP (5°F) | W/W | | | | | 1.76 | | | | |
| Air Handler | Indoor Model | | | | | | 24K | | | |
| | Energy Star | | | | | | YES | | | |
| | Cooling System Tons | | | | | | 1.9 | | | |
| | Cooling Rated Capacity | Btu/h | | | | | 23,000 | | | |
| | Cooling Cap. Range Min - Max | Btu/h | | | | | 7,500-26,000 | | | |
| | SEER | | | | | | 21.0 | | | |
| | EER | | | | | | 12.5 | | | |
| | Heating Rated Capacity (47°F) | Btu/h | | | | | 26,000 | | | |
| | Heating Rated Capacity (17°F) | Btu/h | | | | | 16,200 | | | |
| | Heating Maximum Capacity (17°F) | Btu/h | | | | | 23,400 | | | |
| | Heating Maximum Capacity (5°F) | Btu/h | | | | | 23,000 | | | |
| | Heating Cap. Range Min - Max | Btu/h | | | | | 5,600-29,000 | | | |
| | HSPF | | | | | | 11.6 | | | |
| | COP (47°F) | W/W | | | | | 3.58 | | | |
| COP (17°F) | W/W | | | | | 2.80 | | | | |
| COP (5°F) | W/W | | | | | 1.95 | | | | |



Edition Date: 07/2022





| Size | | | | | | | | | |
|------------------|----------|--|--|--|--|--|----------------|--|--|
| Width (W) | | | | | | | | | |
| Height (H) | in (mm) | | | | | | | | |
| Depth (D) | in (mm) | | | | | | 31.89 (810) | | |
| L1 | in (mm) | | | | | | 16.14 (410) | | |
| L2 | in (mm) | | | | | | 26.49 (672.96) | | |
| Operating Weight | lbs (kg) | | | | | | 15.85 (402.6) | | |
| Shipping Width | in (mm) | | | | | | 134.48 (61) | | |
| Shipping Height | in (mm) | | | | | | 42.91 (1090) | | |
| Shipping Depth | in (mm) | | | | | | 34.84 (885) | | |
| Shipping Weight | lbs (kg) | | | | | | 19.69 (500) | | |
| | | | | | | | 144.40 (65.5) | | |

