## DUCTLESS SYSTEMS

# SOFTSOUND® DELUXE SERIES

**DLCPRA OUTDOOR UNIT** 



### **OUTDOOR FEATURES**

- 100% Heating capacity at 0° F (-17° C)
- 100% Cooling capacity at -22° F (-30° C) without additional kit
- Up to 75% of Heating capacity at -22° F (-30° C)
- Available in 208/230V
- Built-in basepan heater
- · Auto-restart function
- Refrigerant leakage detection
- Quiet outdoor operation, as low as 55 dB(A)
- Aluminum Golden Hydrophilic pre-coated fins
- Piping length 98 ft. (30 m.)
- Cooling operating range
   -22° ~ 122° F (-30° ~ 50° C)
- Heating operating range
   -22° ~ 86° F (-25° ~ 30° C)

### COMPATIBLE WITH:

• DLFPHA High Wall





# A Versatile Outdoor Unit for Precise Temperature Control

### **Heat Pump with Basepan Heater**

Inverter Compressor

Up to 40.0 SEER

Up to 14.5 HSPF

Sizes: 09 / 12

All Systems are ENERGY STAR® certified



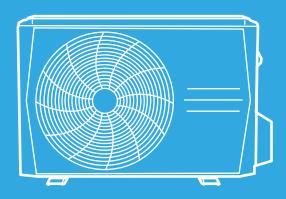
### **KEY FEATURES**

### **Extra Low Temperature Heating**

When it's cold outside, the heat output for this system is up to 75% of rated capacity down to -22° F (-30° C), making this a primary heat source and eliminating the need for a backup heat source.

### **Stepless Frequency Adjustment**

Precise control maintains stable and constant room temperature while reducing sound level and saving energy.



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**DLCPRA OUTDOOR UNIT** 

### **SPECIFICATIONS:**

| DLCPRA Outdoor Unit               |            |                  |                  |  |  |  |
|-----------------------------------|------------|------------------|------------------|--|--|--|
| Heat Pump                         |            |                  |                  |  |  |  |
| System                            |            |                  |                  |  |  |  |
| Size                              |            | 9                | 12               |  |  |  |
| Outdoor Model                     |            | DLCPRAH09AAK     | DLCPRAH12AAK     |  |  |  |
|                                   | Electrical |                  |                  |  |  |  |
| Voltage-Phase-<br>Cycle           | V-Ph-Hz    | 208/230-1-60     | 208/230-1-60     |  |  |  |
| MCA                               | A.         | 13               | 15               |  |  |  |
| MOCP - Fuse<br>Rating             | A.         | 15               | 20               |  |  |  |
| Operating Range                   |            |                  |                  |  |  |  |
| Cooling Outdoor<br>DB Min - Max   | ° F (° C)  | -22~122 (-30~50) | -22~122 (-30~50) |  |  |  |
| Heating Outdoor<br>DB Min - Max   | ° F (° C)  | -22~86 (-30~30)  | -22~86 (-30~30)  |  |  |  |
|                                   | Piping     |                  |                  |  |  |  |
| Total Piping<br>Length            | ft (m)     | 98 (30)          | 98 (30)          |  |  |  |
| Piping Lift*                      | ft (m)     | 49 (15)          | 49 (15)          |  |  |  |
| Pipe Connection<br>Size - Liquid  | in (mm)    | 1/4 (6.35)       | 1/4 (6.35)       |  |  |  |
| Pipe Connection<br>Size - Suction | in (mm)    | 3/8 (9.52)       | 1/2 (12.7)       |  |  |  |
| Refrigerant                       |            |                  |                  |  |  |  |
| Туре                              |            | R410A            | R410A            |  |  |  |
| Charge                            | lbs (kg)   | 3.5 (1.58)       | 3.5 (1.58)       |  |  |  |
| Outdoor                           |            |                  |                  |  |  |  |
| Unit Width                        | in (mm)    | 33.27 (845)      | 33.27 (845)      |  |  |  |
| Unit Height                       | in (mm)    | 27.64 (702)      | 27.64 (702)      |  |  |  |
| Unit Depth                        | in (mm)    | 14.29 (363)      | 14.29 (363)      |  |  |  |
| Net Weight                        | lbs (kg)   | 107.59 (48.8)    | 108.47 (49.2)    |  |  |  |
| Airflow                           | CFM        | 1,380            | 1,380            |  |  |  |
| Sound Pressure                    | dB(A)      | 55.5             | 56.0             |  |  |  |

 $<sup>{}^{\</sup>star}\text{Condensing unit above or below indoor unit.}$ 

### **COMPATIBILITY:**

| High Wall    |              |              |  |  |
|--------------|--------------|--------------|--|--|
| Outdoor Unit | DLCPRAH09AAK | DLCPRAH12AAK |  |  |
| Indoor Unit  |              |              |  |  |
| DLFPHAH09XAK | •            |              |  |  |
| DLFPHAH12XAK |              | •            |  |  |

### **PERFORMANCE:**

| High Wall                              |       |              |              |  |  |
|----------------------------------------|-------|--------------|--------------|--|--|
| Indoor Model                           |       | DLFPHAH09XAK | DLFPHAH12XAK |  |  |
| ENERGY STAR®                           |       | YES          | YES          |  |  |
| Cooling System Tons                    |       | 0.75         | 1.0          |  |  |
| Cooling Rated<br>Capacity              | Btu/h | 9,000        | 12,000       |  |  |
| Cooling Cap.<br>Range Min - Max        | Btu/h | 5,000~17,000 | 5,800~19,000 |  |  |
| SEER                                   |       | 40.0         | 30.0         |  |  |
| EER                                    |       | 15.0         | 13.5         |  |  |
| Heating Rated<br>Capacity (47° F)      | Btu/h | 10,000       | 12,000       |  |  |
| Heating Rated<br>Capacity (17° F)      | Btu/h | 7,200        | 6,800        |  |  |
| Heating<br>Maximum<br>Capacity (17° F) | Btu/h | 15,690       | 17,070       |  |  |
| Heating<br>Maximum<br>Capacity (5° F)  | Btu/h | 13,000       | 13,800       |  |  |
| Heating Cap.<br>Range Min - Max        | Btu/h | 6,800~19,000 | 8,790~21,310 |  |  |
| HSPF                                   |       | 14.5         | 13.6         |  |  |
| COP (47° F)                            | W/W   | 4.00         | 4.24         |  |  |
| COP (17° F)                            | W/W   | 2.78         | 2.64         |  |  |
| COP (5° F)                             | W/W   | 2.00         | 2.00         |  |  |

Manufacturer reserves the right to discontinue, or change at any time, specification or designs without notice or incurring obligations.



