



230 V



Models / Modelos  
CLIDC\_CD/CLIDC230\_AH

Clear Inverter  
Diamond Series

### Technical Specifications / Especificaciones Técnicas

| Model                               |                                  |                  | CLIDC30CD/CLIDC23030AH  | CLIDC36CD/CLIDC23036AH  |
|-------------------------------------|----------------------------------|------------------|-------------------------|-------------------------|
| Power supply                        |                                  | V-Hz-Ph          | 208-230V~60Hz,1Ph       | 208-230V~60Hz,1Ph       |
| Cooling                             | Capacity                         | Btu/h            | 30000                   | 36000                   |
|                                     | Rated current                    | A                | 12.5                    | 18.5                    |
|                                     | SEER                             | Btu/w            | 18                      | 16                      |
| Heating                             | Capacity                         | Btu/h            | 30000                   | 36000                   |
|                                     | Rated current                    | A                | 13.5                    | 16.7                    |
|                                     | HSPF4                            | Btu/w            | 9.6                     | 10                      |
| MINIMUM CIRCUIT AMPACITY            |                                  | A                | 20                      | 25                      |
| MAX.FUSE                            |                                  | A                | 30                      | 35                      |
| Compressor                          | Type                             |                  | ROTARY                  | ROTARY                  |
|                                     | Brand                            |                  | GMCC                    | GMCC                    |
|                                     | Capacity                         | Btu/h            | 25760                   | 25760                   |
|                                     | Input                            | W                | 2070                    | 2070                    |
|                                     | Refrigerant oil/oil charge       | ml               | ESTER OIL VG74/670      | ESTER OIL VG74/670      |
| Indoor fan motor                    | Model                            |                  | ZKFP-58-8-1             | ZKFP-58-8-1             |
|                                     | Brand                            |                  | Welling                 | Welling                 |
|                                     | Input                            | W                | 58(Output)              | 58(Output)              |
|                                     | Speed(Hi/Mi/Lo)                  | r/min            | 1200 / 1050 / 950       | 1200 / 1050 / 750       |
| Indoor air flow (Hi/Mi/Lo)          |                                  | CFM              | 795 / 618 / 471         | 853 / 647 / 471         |
| Indoor noise level (Hi/Mi/Lo)       |                                  | dB(A)            | 52 / 44 / 35            | 52 / 44 / 36            |
| Indoor unit                         | Dimension(W*D*H)                 | mm               | 1259 x 282 x 362        | 1259 x 282 x 362        |
|                                     | Dimension(W*D*H)                 | inch             | 49.57 x 11.10 x 14.25   | 49.57 x 11.10 x 14.25   |
|                                     | Packing (W*D*H)                  | mm               | 1340 x 450 x 380        | 1340 x 450 x 380        |
|                                     | Packing (W*D*H)                  | inch             | 52.76 x 17.72 x 14.96   | 52.76 x 17.72 x 14.96   |
|                                     | Net/Gross weight                 | Kg               | 19.6 / 25.2             | 19.6 / 25.2             |
|                                     | Net/Gross weight                 | lbs.             | 43.2 / 55.6             | 43.2 / 55.6             |
| Outdoor fan motor                   | Model                            |                  | ZKFN-120-8-2            | ZKFN-120-8-2            |
|                                     | Brand                            |                  | Welling                 | Welling                 |
|                                     | Input                            | W                | 150                     | 150                     |
| Outdoor air flow                    |                                  | CFM              | 2530                    | 2943                    |
| Outdoor noise level                 |                                  | dB(A)            | 62                      | 63                      |
| Outdoor unit                        | Dimension(W*D*H)                 | mm               | 946 x 420 x 810         | 946 x 420 x 810         |
|                                     | Dimension(W*D*H)                 | inch             | 37.24 x 16.54 x 31.89   | 37.24 x 16.54 x 31.89   |
|                                     | Packing (W*D*H)                  | mm               | 1090 x 500 x 865        | 1090 x 500 x 865        |
|                                     | Packing (W*D*H)                  | inch             | 42.91 x 19.69 x 34.06   | 42.91 x 19.69 x 34.06   |
|                                     | Net/Gross weight                 | Kg               | 62.5 / 67               | 65 / 69.5               |
|                                     | Net/Gross weight                 | lbs.             | 137.79 / 147.71         | 136.69 / 147.27         |
| Refrigerant type R-410A charge      |                                  | g - oz           | 2750 - 97               | 3399 - 119.9            |
| Refrigerant precharge               |                                  |                  | 25                      | 25                      |
| Additional charge for each          |                                  | oz               | 0.322                   | 0.322                   |
| Design pressure                     |                                  | PSIG             | 550 / 340               | 550 / 340               |
| Refrigerant piping                  | Liquid side/ Gas side            | mm (inch)        | Φ9.52/Φ15.9 (3/8"/5/8") | Φ9.52/Φ15.9 (3/8"/5/8") |
|                                     | Max. refrigerant pipe length     | m -              | 50 - 164                | 65 - 213                |
|                                     | Max. difference in level         | m -              | 25 - 82                 | 30 - 98                 |
| Operation temperature               | Indoor(cooling/heating)          | °C               | 17~32/0~30              | 17~32/0~30              |
|                                     | Indoor(cooling/heating)          | °F               | 62~90/32~86             | 62~90/32~86             |
|                                     | Outdoor(cooling/heating)-op onal | °C               | -15~50/-15~30           | -15~50/-15~30           |
|                                     | Outdoor(cooling/heating)-op onal | °F               | 5~122/5~86              | 5~122/5~86              |
| Application area (cooling standard) |                                  | m <sup>2</sup> ~ | 30.6-44.9 ~ 330-484     | 30.6-44.9 ~ 330-484     |

### Features & Benefits



Manual Switch Button



High Density Filter



Mute Operation



Anti-Cold Air Function



2-way Draining



Refrigerant Leakage Detect



Emergency Using



Fire-proof Electric Box

