

R Series

# SUBMITTAL DATA SHEET

**DHR36NCB21S/DHR36CSB21S      36,000 BTU/H Heat Pump Single Zone with Floor/Ceiling (208/230V)**

|                          |             |                      |                    |
|--------------------------|-------------|----------------------|--------------------|
| <b>Job Name:</b>         |             | <b>Location:</b>     |                    |
| <b>Purchaser:</b>        |             | <b>Order No.:</b>    |                    |
| <b>Engineer:</b>         |             |                      |                    |
| <b>Submitted To:</b>     | <b>For:</b> | <b>Ref:</b>          | <b>Approval:</b>   |
| <b>Submitted By:</b>     |             | <b>Date:</b>         |                    |
| <b>Unit Designation:</b> |             | <b>Schedule No.:</b> | <b>Model No. :</b> |



**DHR36NCB21S**



**DHR36CSB21S**



## FEATURES

- Multi-Speed Fan
- Wireless Remote controller with LCD Display
- Power Failure Recovery LCD Display
- Wall or Ceiling mount
- 4 Way Airflow Swing Operation

## ACCESSORIES

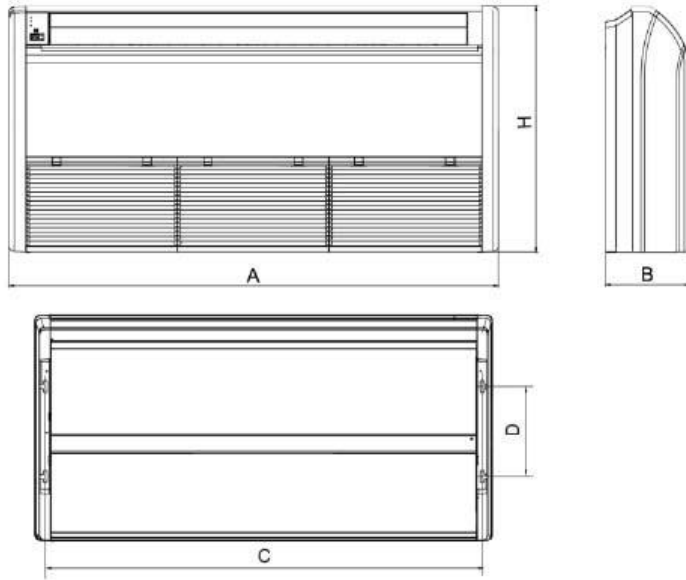
- Simple Wired Controller DWCR
- Advanced Wired Controller DWCR2
- Central Controller DCCRMW

| System Rating   |          |                               |
|---|----------|-------------------------------|
| System Type   |          | Heat Pump                     |
| Rated Cooling Capacity                                | Btu/h    | 34,000                        |
| Cooling Capacity (Min-Max)                            | Btu/h    | 10,800-39,000                 |
| Rated Heating Capacity                                | Btu/h    | 41,000                        |
| Heating Capacity (Min-Max)                            | Btu/h    | 9,800-49,500                  |
| EER (Btu/h)/W   |          | 10.35                         |
| SEER  |          | 16                            |
| HSPF  |          | 9                             |
| Rated Voltage (IDU&ODU Require separate power source) | V-PH-Hz  | 208/230-1-60                  |
| Rated Cooling Current                                 | Amps     | 23.8                          |
| Rated Heating Current                                 | Amps     | 24.3                          |
| MCA/MOCP (Outdoor unit)                               | Amps     | 29/45                         |
| MCA/MOCP (Indoor unit)                                | Amps     | / 15                          |
| Max. Total Piping Length                              | ft. (m)  | 164 (50)                      |
| Max. Piping Height                                    | ft. (m)  | 49.2 (15)                     |
| Piping Connection Diameter - Liquid (O.D.)            | in.      | 3/8                           |
| Piping Connection Diameter - Gas (O.D.)               | in.      | 5/8                           |
| Outdoor Model Number                                  |          | DHR36CSB21S                   |
| Operation Range - Cooling                             | F (C)    | 0~118 (-18 ~ 48)              |
| Operation Range - Heating                             | F (C)    | 0~75 (-18 - 24)               |
| Refrigerant   |          | R410A                         |
| Refrigerant Charge                                    | oz (kg)  | 123.45 (3.5)                  |
| Unit Dimension (WxHxD)                                | in. (mm) | 43.50x43.30x17(1105x1100x440) |
| Net / Gross Weight                                    | lbs (kg) | 205/222.66 (93/101)           |
| Sound Pressure Level                                  | dB(A)    | 63                            |
| Indoor Model Number                                   |          | DHR36NCB21S                   |
| System Type   |          | Heat Pump                     |
| Rated Cooling Capacity                                | Btu/h    | 34,000                        |
| Cooling Capacity (Min-Max)                            | Btu/h    | 10,800-39,000                 |
| Rated Heating Capacity                                | Btu/h    | 41,000                        |
| Heating Capacity (Min-Max)                            | Btu/h    | 9,800-49,500                  |
| Rated Voltage   | V-PH-Hz  | 208/230-1-60                  |
| Airflow High to Low                                   | CFM      | 1121/1062/826/708             |
| Sound Pressure Level High to Low                      | dB(A)    | 54/53/51/46                   |
| Unit Dimension (WxHxD)                                | in.(mm)  | 55.9x27.55X9.64(1420x700x245) |
| Net Weight  | lbs (kg) | 105.82 (48)                   |
| Gross Weight  | lbs (kg) | 123.45 (56)                   |
| Set Temperature Range                                 | F (C)    | 61 ~ 86 (16~30)               |
| Piping Connection Diameter - Drain                    | (OD) in. | 1                             |

**DHR36NCB21S/DHR36CSB21S**

Unit: inch

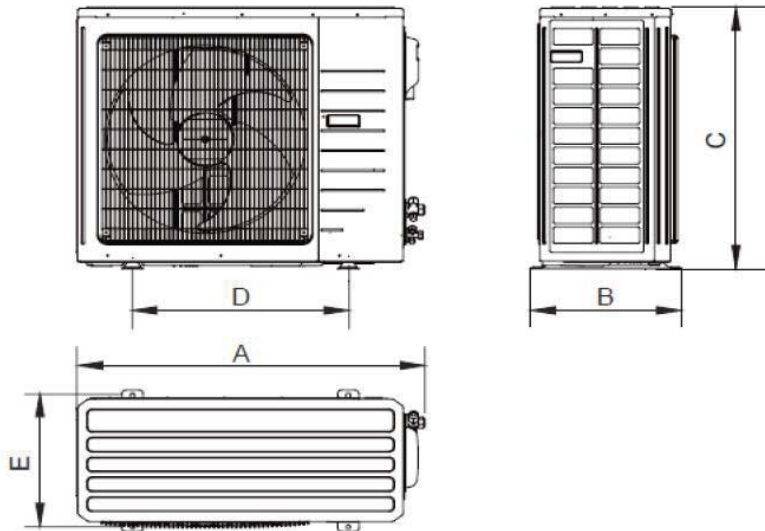
Indoor Unit Dimensions



| Dimensions |        |
|------------|--------|
| A          | 55 7/8 |
| B          | 9 5/8  |
| C          | 53 1/4 |
| D          | 11     |
| H          | 27 1/2 |

Outdoor Unit Dimensions

Unit: inch



| Dimensions |        |
|------------|--------|
| A          | 43 5/8 |
| B          | 17 3/8 |
| C          | 43 1/4 |
| D          | 24 7/8 |
| E          | 15 3/4 |

**Notes:**

1. Recommended Cable Type, connecting the indoor and outdoor unit, 18-2 AWG Stranded Copper THHN 600V Wire
2. Power wiring cable size must comply with applicable national and local codes
3. Test conditions are based on AHRI 210/240

