

R Series

SUBMITTAL DATA SHEET

DHR36NKB21S/DHR36CSB21S 36,000 BTU/H Heat Pump Single Zone with 4-Way Cassette (208/230V)

Job Name:		Location:	
Purchaser:		Order No.:	
Engineer:			
Submitted To:	For:	Ref:	Approval:
Submitted By:		Date:	
Unit Designation:		Schedule No.:	Model No.:



DHR36NKB21S



DHR36CSB21S



DRCR DCCRMW
(Standard) (Optional)

DWCR2 DWCR
(Optional) (Optional)

FEATURES

- Multi-Speed Fan
- Wireless Remote controller with LCD Display
- Power Failure Recovery LCD Display
- Wall or Ceiling mount
- Sentry Condensate Overflow Protection
- Internal Condensate Drain Pump
- 4-Way Discharge Air

ACCESSORIES

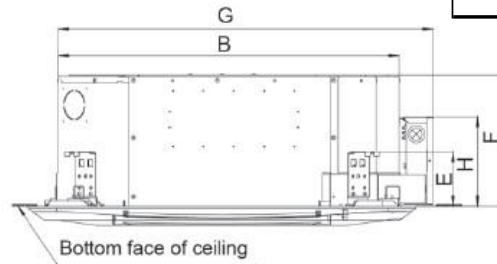
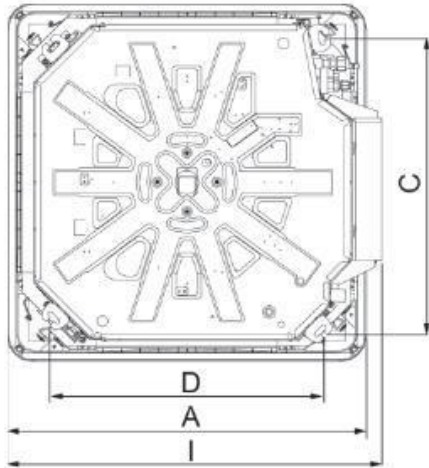
- Simple Wired Controller DWCR
- Advanced Wired Controller DWCR2
- Central Controller DCCRMW

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		10.4
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	1.5 / 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)	43.50 x 43.30x17.32 (1105x1100x440)
Net / Gross Weight	lbs (kg)	205 / 222.66 (93/101)
Sound Pressure Level	dB(A)	63
Indoor Model Number		DHR36NKB21S
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	1180/1121/1003/826
Sound Pressure Level High to Low	dB(A)	51/49/46/43
Unit Dimension (WxDxH)	in.(mm)	36.02 x 33.07 x 12.59 (915x840x320)
Net / Gross Weight	lbs (kg)	70.54/97 (32/44)
Panel Part number		PNLR04
Panel Dimension (WxHxD)	in.(mm)	37.48 x 37.48 x 2.36 (952x952x60)
Panel Net Weight	lbs (kg)	15 (7)
Panel Gross Weight	lbs (kg)	24 (11)
Set Temperature Range	°F (°C)	61 ~ 86 (16~30)
Piping Connection Diameter - Drain	(OD) in.	1

DHR36NKB21S/DHR36CSB21S

Unit: inch

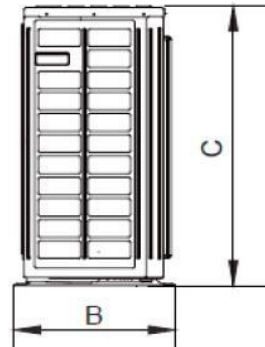
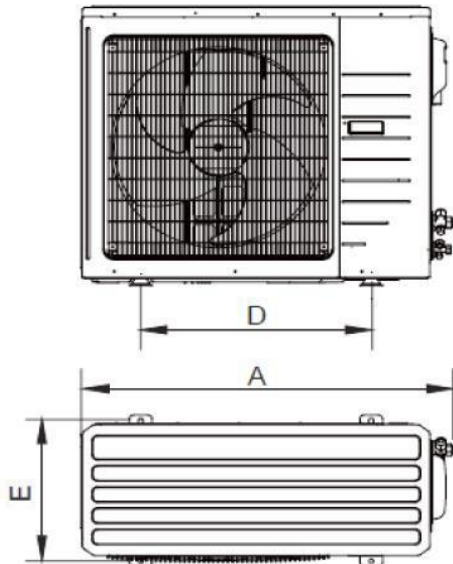
Indoor Unit Dimensions



Dimensions	
A	37 3/8
B	33 1/8
C	30 3/4
D	26 3/4
E	6 1/4
F	12 5/8
G	36 1/8
H	8 1/2
I	39 1/8

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

