

SUBMITTAL DATA SHEET

DHR42NKB21S/DHR42CSB21S			42,000 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.:



DHR42NKB21S



DHR42CSB21S



DRCR DCCRMW
(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

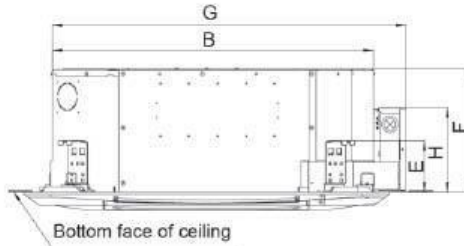
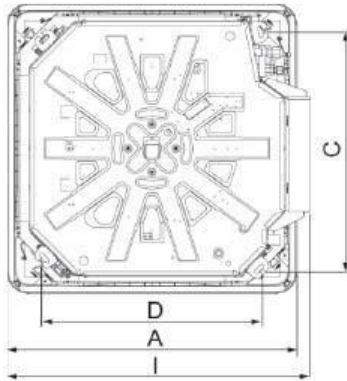
- Simple Wired Controller DWCR
- Advanced Wired Controller DWCR2
- Central Controller DCCRMW

System Rating		
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	39,500
Cooling Capacity (Mn-Max)	Btu/h	11,000-41,000
Rated Heating Capacity	Btu/h	44,000
Heating Capacity (Mn-Max)	Btu/h	12,000-51,000
EER (Btu/h)W		8.95
SEER		16
HSPF		9
Rated Voltage (IDU&ODU Require)	V-Ph-Hz	208/230-1-60
Rated Cooling Current	Amps	34.3
Rated Heating Current	Amps	33.3
MCA I MOCP (Outdoor unit)	Amps	31 50
MCA I MOCP (Indoor unit)	Amps	15 15
Max. Total Piping Length	ft. (m)	164 (50)
Max. Piping Height	ft. (m)	
Piping Connection Diameter - Liquid	in.	3/8
Piping Connection Diameter - Gas	in.	5/8
Outdoor Model Number		DHR42CSB21S
Operation Range - Cooling	F (C)	0-118 (-18-48)
Operation Range - Heating	F (C)	0-75 (-18-24)
Refrigerant		R410A
Refrigerant Charge	oz (kg)	130.51 (3.7)
Unit Dimension (WxHxD)	in. (mm)	37.79 x 53.14x16.14 (960x1350x410)
Net / Gross Weight	lbs (kg)	209.43/231.48 (95/105)
Sound Pressure Level	dB(A)	61
Indoor Model Number		DHR42NKB21S
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	39,500
Cooling Capacity (Mn-Max)	Btu/h	11,000-41,000
Rated Heating Capacity	Btu/h	44,000
Heating Capacity (Mn-Max)	Btu/h	12,000-51,000
Rated Voltage	V-PH-Hz	208/230-1-60
Airflow High to Low	CFM	1097/1033/915/797
Sound Pressure Level High to Low	dB(A)	53/52/47/41
Unit Dimension (WxDxH)	in.(mm)	36.02 x 33.07x 12.59 (915x840x320)
Net / Gross Weight	lbs (kg)	70.54/110.23 (32/45)
Panel Part number		PNLR05
Panel Dimension (WxHxD)	in.(mm)	37.48 x 37.48 x 2.36 (952x952x60)
Panel Net Weight	lbs (kg)	18 (8.5)
Panel Gross Weight	lbs (kg)	27 (12)
Set Temperature Range	F	61 - 86 (16-30)
Piping Connection Diameter - Drain	(OD) in.	1

DHR42NKB21S/DHR42CSB21S

Unit: inch

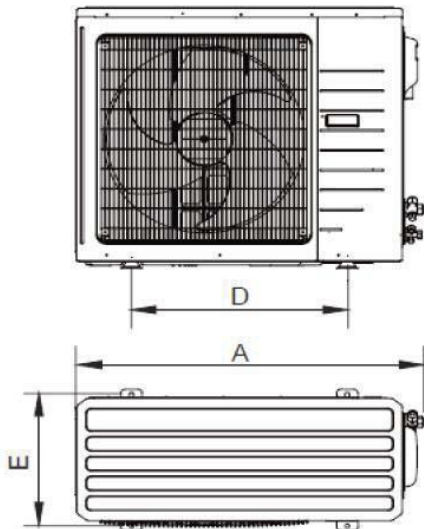
Indoor Unit Dimensions



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	37 3/4
B	16 1/4
C	53 1/8
D	22 1/2
E	14 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

