

# SUBMITTAL DATA SHEET

**DHR30NKB21S/DHR30CSB21S      30,000 BTU/H Heat Pump Single Zone with 4-Way Cassette (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>



**DHR30NKB21S**



**DHR30CSB21S**



**DRCR (Standard)    DCCRMW (Optional)**

**DWCR2 (Optional)    DWCR (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

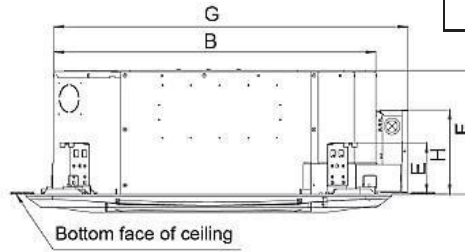
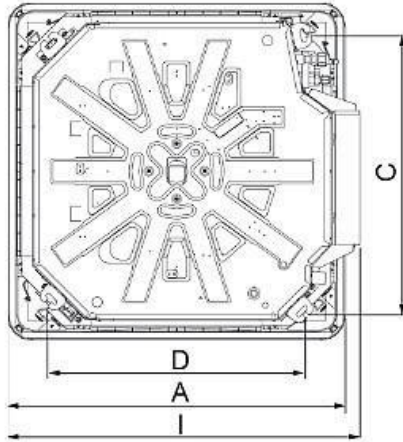
- Simple Wired Controller DWCR
- Advanced Wired Controller DWCR2
- Central Controller DCCRMW

System Rating		
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	28,200
Cooling Capacity (Min-Max)	Btu/h	8,800-31,400
Rated Heating Capacity	Btu/h	31,200
Heating Capacity (Min-Max)	Btu/h	8,200-33,600
EER (Btu/h)/W		10
SEER		20
HSPF		9
Rated Voltage (IDU&ODU Require separate power)	V-PH-Hz	208/230-1-60
Rated Cooling Current	Amps	20
Rated Heating Current	Amps	21
MCA/MOCP (Outdoor unit)	Amps	24/40
MCA/MOCP (Indoor unit)	Amps	15/15
Max. Total Piping Length	(m)	164 (50)
Max. Piping Height	(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		DHR30CSB21S
Operation Range - Cooling	F (C)	0-118 (-18-48)
Operation Range - Heating	F (C)	0-75 (-18-24)
Refrigerant		R410A
Refrigerant Charge	oz (kg)	84.8 (2.4)
Unit Dimension (WxHxD)	in. (mm)	38.58x31.10x16.73(980x790x425)
Net / Gross Weight	lbs (kg)	158.73/169.75(72/82)
Sound Pressure Level	dB(A)	58
Indoor Model Number		DHR30NKB21S
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	28,200
Cooling Capacity (Min-Max)	Btu/h	8,800-31,400
Rated Heating Capacity	Btu/h	31,200
Heating Capacity (Min-Max)	Btu/h	8,200-33,600
Rated Voltage	V-PH-Hz	208/230-1-60
Airflow High to Low	CFM	880
Sound Pressure Level High to Low	dB(A)	49/48/45/40
Unit Dimension (WxDxH)	in.(mm)	36.02x33.07x12.59(915x840x320)
Net / Gross Weight	lbs (kg)	70.54/97 (32/44)
Panel Part number		PNLR04
Panel Dimension (WxHxD)	in.(mm)	37.48x37.48x2.36(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

**DHR30NKB21S/DHR30CSB21S**

Unit: inch

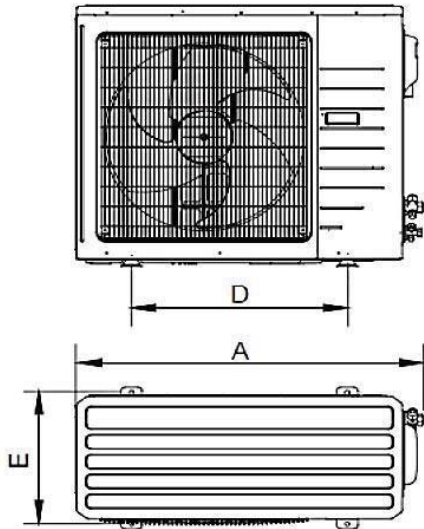
Indoor Unit Dimensions



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	38 5/8
B	16 3/4
C	31 1/8
D	24
E	15 1/2

**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

