

# SUBMITTAL DATA SHEET

**DHR24NKB21S/DHR24CSB21S      24,000 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.: Model No.:</b>	



**DHR24NKB21S**



**DHR24CSB21S**



**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

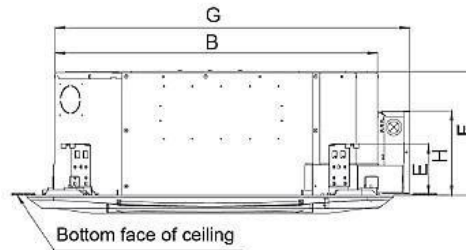
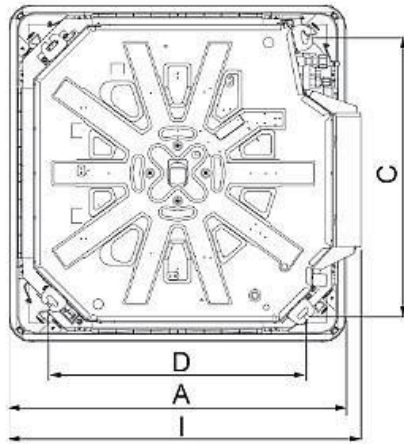
- Simple Wired Controller DWCR
- Advanced Wired Controller DWCR2
- Central Controller DCCRMW

System Rating		
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	23,800
Cooling Capacity (Min-Max)	Btu/h	8,200-29,000
Rated Heating Capacity	Btu/h	27,200
Heating Capacity (Min-Max)	Btu/h	8,200-32,400
EER (Btu/h)W		10.65
SEER		18
HSPF		10
Rated Voltage (IDU&ODU Require separate power)	V-PH-Hz	208/230-1-60
Rated Cooling Current	Amps	19.4
Rated Heating Current	Amps	20.5
MCA/MOCP (Outdoor unit)	Amps	24/40
MCA/MOCP (Indoor unit)	Amps	15/15
Max. Total Piping Length	ft. (ft)	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
<b>Outdoor Model Number</b>		<b>DHR24CSB21S</b>
Operation Range - Cooling		F (C)      0~118 (-18~48)
Operation Range - Heating		F (C)      0~75 (-18~24)
Refrigerant		R410A
Refrigerant Charge	oz (kg)	77.60 (2.2)
Unit Dimension (WxHxD)	in. (mm)	38.58x31.10x16.73(980x790x425)
Net / Gross Weight	lbs (kg)	152.11/163.14 (69/74)
Sound Pressure Level	dB(A)	57
<b>Indoor Model Number</b>		<b>DHR24NKB21S</b>
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	23,800
Cooling Capacity (Min-Max)	Btu/h	8,200-29,000
Rated Heating Capacity	Btu/h	27,200
Heating Capacity (Min-Max)	Btu/h	8,200-32,400
Rated Voltage	V-PH-Hz	208/230-1-60
Airflow High to Low	CFM	767/738/679/590
Sound Pressure Level High to Low	dB(A)	47/46/42/38
Unit Dimension (WxDxH)	in.(mm)	36.02x33.07x9.44 (915x840x240)
Net / Gross Weight	lbs (kg)	59.52/83.77 (27/38)
Panel Part number		PNLR04
Panel Dimension (WxDxH)	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

DHR24NKB21S/DHR24CSB21S

Unit: inch

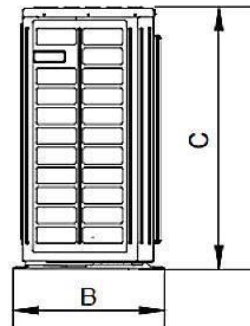
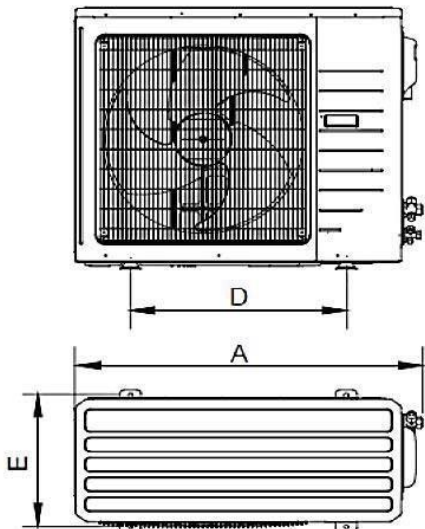
Indoor Unit Dimensions



Dimensions	
A	37 3/8
B	33 1/8
C	30 3/4
D	26 3/4
E	6 1/4
F	9 1/2
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

