

R Series

# SUBMITTAL DATA SHEET

**DHR24NCB21S/DHR24CSB21S      24,000 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>



DHR24NCB21S



DHR24CSB21S



DCCR (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
- 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	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		16
HSPF		10
Rated Voltage (IDU&ODU Require separate power source)	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. (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

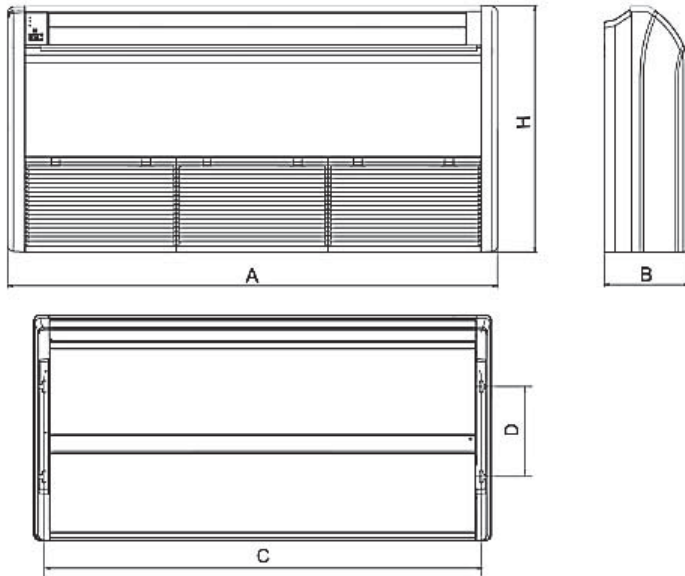
Outdoor Model Number		DHR24CSB21S
Operation Range - Cooling	F (C)	0-118 (-18-48)
Operation Range - Heating	F (C)	0-75 (-18-24)
Refrigerant		R410A
Refrigerant Charge	oz (kg)	77.60 (2.2)
Unit Dimension (WxHxD)	in. (mm)	38.58x31.10x16.73 (980x790x425)
Net / Gross Weight	lbs (kg)	152.11/163.14 (69/74)
Sound Pressure Level	dB(A)	57

Indoor Model Number		DHR24NCB21S
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	23,800
Cooling Capacity (Min-Max)	Btu/h	8,200-27,800
Rated Heating Capacity	Btu/h	27,200
Heating Capacity (Min-Max)	Btu/h	8,200-30,600
Rated Voltage	V-PH-Hz	208/230-1-60
Airflow High to Low	CFM	708/679/620/484
Sound Pressure Level High to Low	dB(A)	49/48/46/40
Unit Dimension (WxHxD)	in. (mm)	48.03x27.55x8.85 (1220x700x225)
Net Weight	lbs (kg)	88.18 (40)
Gross Weight	lbs (kg)	110.23 (50)
Set Temperature Range	F (C)	61 - 86 (16-30)
Piping Connection Diameter - Drain	(OD) in.	1

**DHR24NDB21S/DHR24CSB21S**

Unit: inch

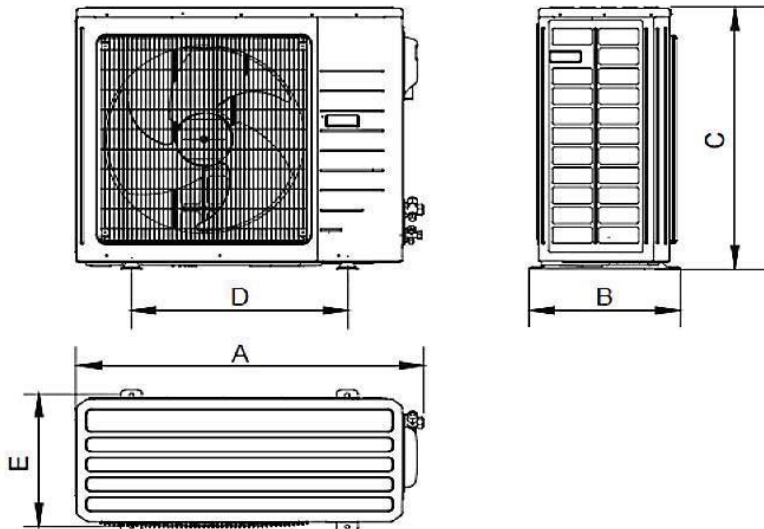
Indoor Unit Dimensions



Dimensions	
A	48
B	8 7/8
C	45 5/8
D	11
H	27 1/2

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, between 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

