

R Series

SUBMITTAL DATA SHEET

DHR18NCB21S/DHR18CSB21S 18,000 BTU/H Heat Pump Single Zone with Floor/Ceiling (208/230V)

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



DHR18NCB21S



DHR18CSB21S



DRCR (Standard) DCCRMW (Optional)
DWCR2 5

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

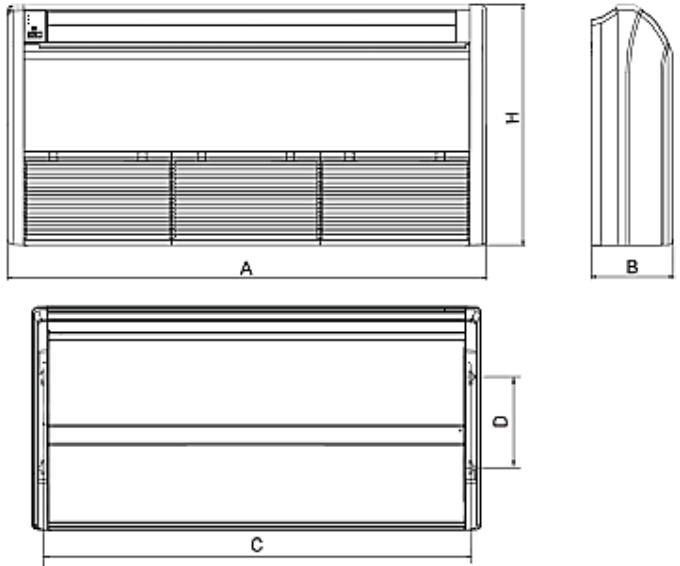
- Simple Wired Controller DWCR
- Advanced Wired Controller DWCR2
- Central Controller DCCRMW

System Rating		
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	17,100
Cooling Capacity (Min-Max)	Btu/h	5,400-18,700
Rated Heating Capacity	Btu/h	19 100
Heating Capacity (Min-Max)	Btu/h	4,700-22,200
EER (Btu/h)/W		11.0
SEER		17
HSPF		9.5
Rated Voltage (IDU&ODU Require separate power source)	V-PH-Hz	208/230-1-60
Rated Cooling Current	Amps	12.8
Rated Heating Current	Amps	12.3
MCA/MOCP (Outdoor unit)	Amps	17/25
MCA/MOCP (Indoor unit)	Amps	1.0/15
Max. Total Piping Length	ft. (m)	164 (50)
Max. Piping Height	ft. (m)	49.2 (15)
Piping Connection Diameter - Liquid (O.D)	in.	1/4
Piping Connection Diameter - Gas (O.D.)	in.	1/2
Outdoor Model Number		DHR18CSB21S
Operation Range - Cooling		F (C) 0~118 (-18 48)
Operation Range - Heating		F (C) 0~75 (-18—24)
Refrigerant		R410A
Refrigerant Charge	oz (kg)	49.6 (1.4)
Unit Dimension (WxHxD)	in. (mm)	38x28x16(965x711x406)
Net / GrossWeight	lbs (kg)	106/115 (48/52)
Sound Pressure Level	dB(A)	56
Indoor Model Number		DHR18NCB21S
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	17,100
Cooling Capacity (Min-Max)	Btu/h	5,400-19,800
Rated Heating Capacity	Btu/h	19,100
Heating Capacity (Min-Max)	Btu/h	4,700-23,200
Rated Voltage	V-PH-Hz	208/230-1-60
Airflow High to Low	CFM	588/553/482/412
SoundPressureLevel High to Low	dB(A)	44/42/38/32
Unit Dimension (WxHxD)	in.(mm)	48x27.5x8.9 (1347x318x826)
Net Weight	lbs (kg)	86 (39)
Gross Weight	lbs (kg)	106 (48)
Set Temperature Range	F (C)	61 ~ 86 (16~30)
Piping Connection Diameter - Drain	(OD) in.	1

DHR18NCB21S/DHR18CSB21S

Unit: inch

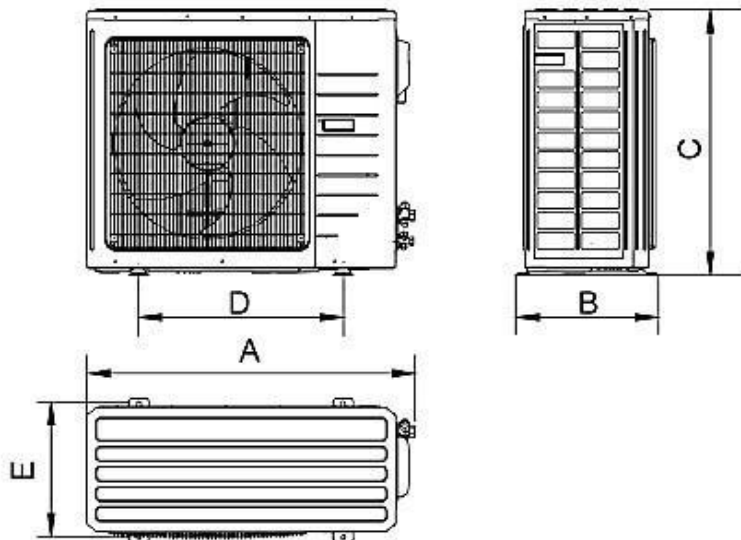
Indoor Unit Dimensions



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

Outdoor Unit Dimensions

Unit: inch



Dimensions	
A	37 5/8
B	15 5/8
C	27 1/2
D	22
E	14 1/8

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 AHRI210/240

