

R Series

# SUBMITTAL DATA SHEET

<b>DHR42NDB21S/DHR42CSB21S</b>			<b>42,000 BTU/H Heat Pump Single Zone with Ducted Unit (208/230V)</b>		
<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>



DHR42NDB21S



DHR42CSB21S



DCCR MW (Optional)



DWCR2 (Optional)



DWCR (Standard)

## FEATURES

- Multi-Speed Fan
- Simple Wired Controller DWCR
- Power Failure Recovery LCD Display
- Wall or Ceiling mount
- 4 Way Airflow Swing Operation
- Medium Static Pressure Capabilities
- Bottom or Rear Return

## ACCESSORIES

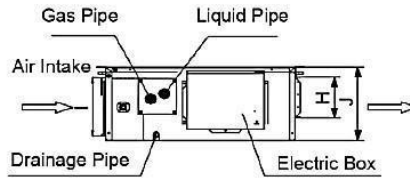
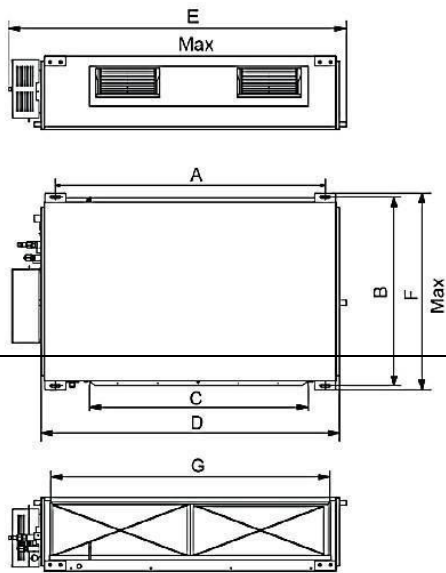
- Advanced Wired Controller DWCR2
- Central Controller DCCR MW

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		9.5
SEER		16
HSPF		9
Rated Voltage (IDU&ODU Require sseparate power source)	V-PH-Hz	208/230-1-60
Rated Cooling Current	Amps	24.3
Rated Heating Current	Amps	25.1
MCA/MOCP (Outdoor unit)	Amps	31 / 50
MCA/MOCP (Indoor unit)	Amps	3 / 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		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		DHR42NDB21S
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	39,500
Cooling Capacity (Mn-Max)	Btu/h	12,000-42,500
Rated Heating Capacity	Btu/h	44,000
Heating Capacity (Mn-Max)	Btu/h	13,000-52,500
Rated Voltage	V-PH-Hz	208/230-1-60
Airflow High to Low	CFM	1180/1121/1003/826
Sound Pressure Level High to Low	dB(A)	53/52/48/44
Unit Dimension (WxDxH)	in.(mm)	48.22 x 30.51 x 11.41(1225x775x290)
Net / Gross Weight	lbs (kg)	101.41/116.84 (46/53)
Set Temperature Range	F (C)	61 - 86 (16-30)
External Static Pressure	(in w.g)	0-0.4
Piping Connection Diameter - Drain	(OD) in.	1

DHR42NDB21S/DHR42CSB21S

Unit: inch

Indoor Unit Dimensions

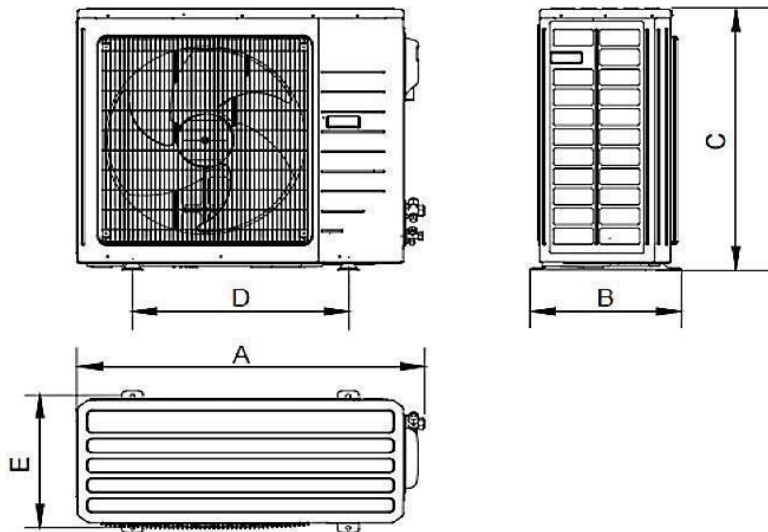


Dimensions

A	39 3/4
B	29 1/2
C	32 1/4
D	43 7/8
E	48 1/4
F	30 1/2
G	38 1/2
H	6 1/4
I	9 1/8
J	11 3/8

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