

R Series

SUBMITTAL DATA SHEET

DHR36NDB21S/DHR36CSB21S			36,000 BTU/H Heat Pump Single Zone with Ducted Unit (208/230V)		
Job Name:			Location:		
Purchaser:			Order No.:		
Engineer:					
Submitted To:		For:	Ref:	Approval:	
Submitted By:		Date:		Construction:	
Unit Designation:			Schedule No.:		Model No.:



DHR36NDB21S



DHR36CSB21S



DCCRMW (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

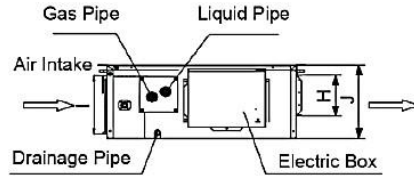
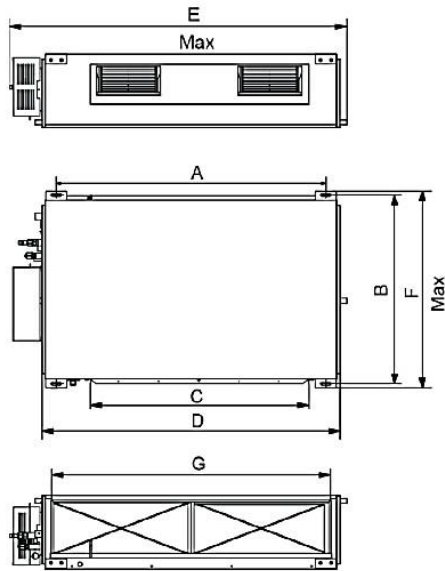
- Advanced Wired Controller DWCR2
- Central Controller DCCRMW

System Rating		
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	34,000
Cooling Capacity (Min-Max)	Btu/h	10,800-39,000
Rated Heating Capacity	Btu/h	41,000
Heating Capacity (Min-Max)	Btu/h	9,800-49,500
EER (Btu/h)/W		10.35
SEER		16
HSPF		9
Rated Voltage (DU&ODU Require separate power source)	V-PH-Hz	208/230-1-60
Rated Cooling Current	Amps	23.8
Rated Heating Current	Amps	24.3
MCA/MOCP (Outdoor unit)	Amps	29/45
MCA/MOCP (Indoor unit)	Amps	2 / 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		DHR36CSB21S
Operation Range - Cooling	F (C)	0-118 (-18 48)
Operation Range - Heating	F (C)	0-75 (-18-24)
Refrigerant		R410A
Refrigerant Charge	oz (kg)	123.45 (3.5)
Unit Dimension (WxDxH)	in. (mm)	43.50x43.30x17.32(1105x1100x440)
Net / Gross Weight	lbs (kg)	205/222.66 (93/101)
Sound Pressure Level	dB(A)	63
Indoor Model Number		DHR36NDB21S
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	34,000
Cooling Capacity (Min-Max)	Btu/h	10,800-39,000
Rated Heating Capacity	Btu/h	41,000
Heating Capacity (Min-Max)	Btu/h	9,800-49,500
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)	55/52/48/45
Unit Dimension (WxHxD)	in.(m m)	48.22x30.51x11.41 (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

DHR36NDB21S/DHR36CSB21S

Unit: inch

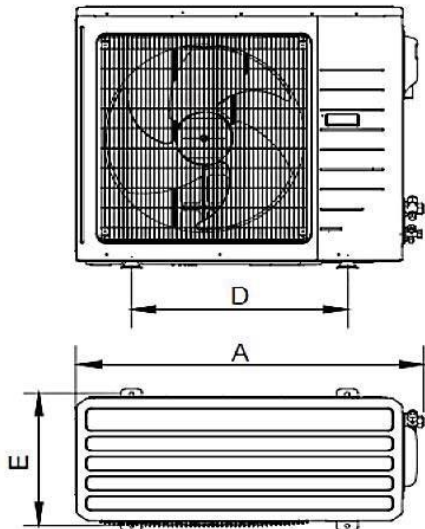
Indoor Unit Dimensions



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	43 5/8
B	17 3/8
C	43 1/4
D	24 7/8
E	15 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

