

SUBMITTAL DATA SHEET

DHW24CMB21S	24,000 BTU/H Multi-Zone Heat Pump Outdoor Unit		
Job Name:	Location:		
Purchaser:	Order No.:		
Engineer:			
Submitted To:	For:	Ref:	Approval:
			Construction:
Submitted By:		Date:	
Unit Designation:	Schedule No. :	Model N	

FEATURES

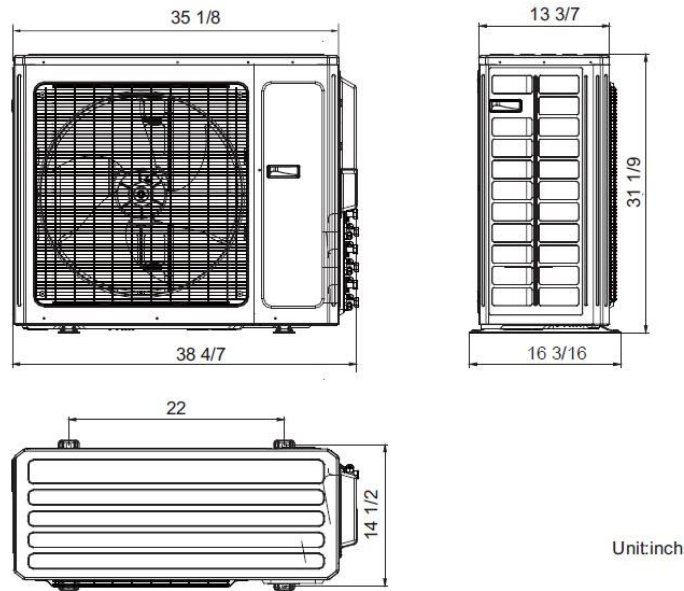
- Heavy Gauge Steel Cabinet
- Sound Levels down to 56 DB
- Low Ambient Cooling down to 0 degF
- Low Ambient Heating down to -4 deg F
- No Refrigerant Distribution Boxes
- Indoor Primary/Secondary Settings
- Multi Condensate Ports
- R410A Refrigerant



DHW24CMB21S

System Rating		
System Type	Heat Pump	
Rated Cooling Capacity	Btu/h	26,000
Cooling Capacity (Min-Max)	Btu/h	7,500-33,000
Rated Heating Capacity	Btu/h	29,000
Heating Capacity (Min-Max)	Btu/h	7,500-35,000
EER (Non-ducted / Ducted) (Btu/h)/W	9.5 / 9.5	
SEER (Non-ducted / Ducted)	20.5 / 14	
HSPF (Non-ducted / Ducted)	10.2 / 9	
Rated Voltage	V-PH-Hz	208/230-1-60
MCA	Amps	22
MOCP	Amps	35
Max. Total Piping Length	ft. (m)	197 (60)
Drop (outdoor above Indoor)/Rise (Indoor above outdoor)	ft. (m)	33 (10) / 33 (10)
Max. Height Between Indoors	ft. (m)	33 (10)
Max. Equivalent Length (Piping to furthest indoor unit)	ft. (m)	66 (20)
Port 1 Piping Connection Diameter - Liquid	(OD) in.	1/4
Port 1 Piping Connection Diameter - Gas	(OD) in.	3/8
Port 2 Piping Connection Diameter - Liquid	(OD) in.	1/4
Port 2 Piping Connection Diameter - Gas	(OD) in.	3/8
Port 3 Piping Connection Diameter - Liquid	(OD) in.	1/4
Port 3 Piping Connection Diameter - Gas	(OD) in.	3/8
Port 4 Piping Connection Diameter - Liquid	(OD) in.	-
Port 4 Piping Connection Diameter - Gas	(OD) in.	-
Port 5 Piping Connection Diameter - Liquid	(OD) in.	-
Port 5 Piping Connection Diameter - Gas	(OD) in.	-
Outdoor Model Number		DHW24CMB21S
Operation Range - Cooling	F (C)	0—118.4 (-18—48)
Operation Range - Heating	F (C)	-4—75.2 (-20—24)
Refrigerant	R410A	
Refrigerant Charge	oz (kg)	78 (2.2)
Unit Dimension (WxDxH)	in. (mm)	38.58x31.10x16.81 (980x790x427)
Net/ Gross Weight	lbs (kg)	153.22/164.24 (69.5/74.5)
Sound Pressure Level	dB(A)	59

Dimensional Data



Notes:

1. Recommended Cable Type between Outdoor and Indoor Units, 14-4 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

Combination Table



24K Outdoor Unit & Possible Indoor Combinations WITH AHRI Certified Performance-W Series											
Model Number	Combinations	Cooling Capacity (Btu/h)					Heating Capacity (Btu/h)				
		Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
DHW24CMB21S	9K+9K	9,000	9,000				9,500	9,500			
DHW24CMB21S	9K+12K	9,000	12,000				9,500	13,000			
DHW24CMB21S	12K+12K	12,000	12,000				13,000	13,000			
DHW24CMB21S	9K+18K	8,400	16,600				9,000	18,000			
DHW24CMB21S	12K+18K	10,000	15,000				11,200	16,800			
DHW24CMB21S	18K+18K	12,750	12,750				14,250	14,250			
DHW24CMB21S	9K+9K+9K	8,667	8,667	8,667			9,667	9,667	9,667		
DHW24CMB21S	9K+9K+12K	8,000	8,000	10,000			9,000	9,000	11,000		
DHW24CMB21S	9K+12K+12K	6,000	10,000	10,000			6,000	11,500	11,500		
DHW24CMB21S	9K+9K+18K	7,000	7,000	12,000			6,000	6,000	17,000		
DHW24CMB21S	12K+12K+12K	8,667	8,667	8,667			9,667	9,667	9,667		