

SUBMITTAL DATA SHEET

DHW30CMB21S		30,000 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 deg F
- Low Ambient Heating down to -4 deg F
- No Refrigerant Distribution Boxes
- Indoor Primary/Secondary Settings
- Multi Condensate Ports
- R410A Refrigerant

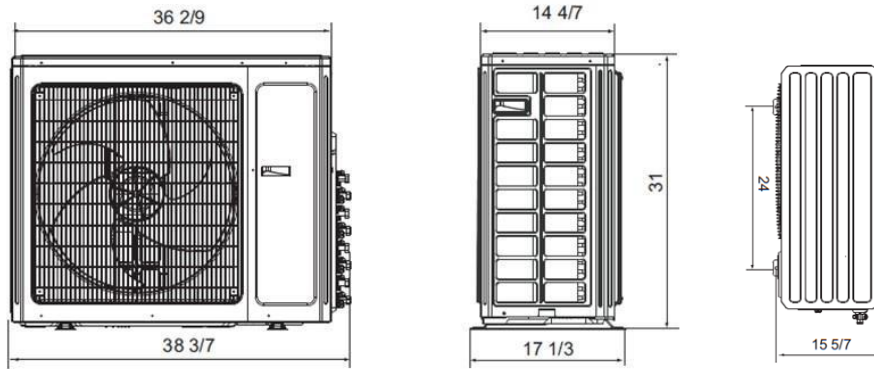


DHW30CMB21S

System Rating		
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	29,000
Cooling Capacity (Min-Max)	Btu/h	7,500-34,000
Rated Heating Capacity	Btu/h	30,400
Heating Capacity (Min-Max)	Btu/h	7,500-36,000
EER (Non-ducted / Ducted) (Btu/h)/W		12 / 9.1
SEER (Non-ducted / Ducted)		21 / 14.5
HSPF (Non-ducted / Ducted)		10.2 / 9.8
Rated Voltage	V-PH-Hz	208/230-1-60
MCA	Amps	19
MOCP	Amps	30
Max. Total Piping Length	ftn. (m)	245 (75)
Drop (outdoor above Indoor)/Rise (Indoor above outdoor)	ftn. (m)	49 (15) / 49 (15)
Max. Height Between Indoors	ftn. (m)	24.6 (7)
Max. Equivalent Length (Piping to furthest indoor unit)	ftn. (m)	82 (25)
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.	1/4
Port 4 Piping Connection Diameter - Gas	(OD) in.	3/8
Port 5 Piping Connection Diameter - Liquid	(OD) in.	-
Port 5 Piping Connection Diameter - Gas	(OD) in.	-
Outdoor Model Number		DHW 30CMB21S
Operation Range - Cooling	F (C)	0—118.4 (-18—48)
Operation Range - Heating	F (C)	-4—86 (-20—30)
Refrigerant		R410A
Refrigerant Charge	oz (kg)	99.8 (2.8)
Unit Dimension (WxDxH)	in. (mm)	38x31x17 (980x790x440)
Net / Gross Weight	lbs (kg)	145.5/154.32 (66/70)
Sound Pressure Level	dB(A)	59

Outdoor Unit Dimensions

Unit: inch



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



30K 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
DHW30CMB21S	9K+9K	9,000	9,000				9,500	9,500			
DHW30CMB21S	9K+12K	9,000	12,000				9,500	13,000			
DHW30CMB21S	12K+12K	12,000	12,000				13,000	13,000			
DHW30CMB21S	9K+18K	8,400	16,600				9,000	18,000			
DHW30CMB21S	12K+18K	10,000	15,000				11,200	16,800			
DHW30CMB21S	18K+18K	12,750	12,750				14,250	14,250			
DHW30CMB21S	9K+9K+9K	8,667	8,667	8,667			9,667	9,667	9,667		
DHW30CMB21S	9K+9K+12K	8,000	8,000	10,000			9,000	9,000	11,000		
DHW30CMB21S	9K+12K+12K	6,000	10,000	10,000			6,000	11,500	11,500		
DHW30CMB21S	9K+9K+18K	7,000	7,000	12,000			6,000	6,000	17,000		
DHW30CMB21S	12K+12K+12K	8,667	8,667	8,667			9,667	9,667	9,667		
DHW30CMB21S	9K+12K+18K	6,800	7,200	13,000			6,802	9,309	12,888		
DHW30CMB21S	12K+12K+18K	6,500	6,500	15,000			8,567	8,567	11,862		
DHW30CMB21S	9K+9K+9K+9K	7,250	7,250	7,250	7,250		7,625	7,625	7,625	7,625	
DHW30CMB21S	9K+9K+9K+12K	7,000	7,000	7,000	8,000		7,100	7,100	7,100	9,200	
DHW30CMB21S	9K+9K+9K+18K	7,000	7,000	7,000	8,865		6,889	6,889	6,889	9,465	
DHW30CMB21S	9K+9K+12K+12K	6,800	7,700	7,700	7,700		6,500	6,500	9,000	9,000	