

M Series

SUBMITTAL DATA SHEET

DHM24CMB21S			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 No.:

FEATURES

- Heavy Gauge Steel Cabinet
- Sound Levels down to 56 DB
- No Refrigerant Distribution Boxes
- Indoor Primary/Secondary Settings
- Multi Condensate Ports
- R410A Refrigerant

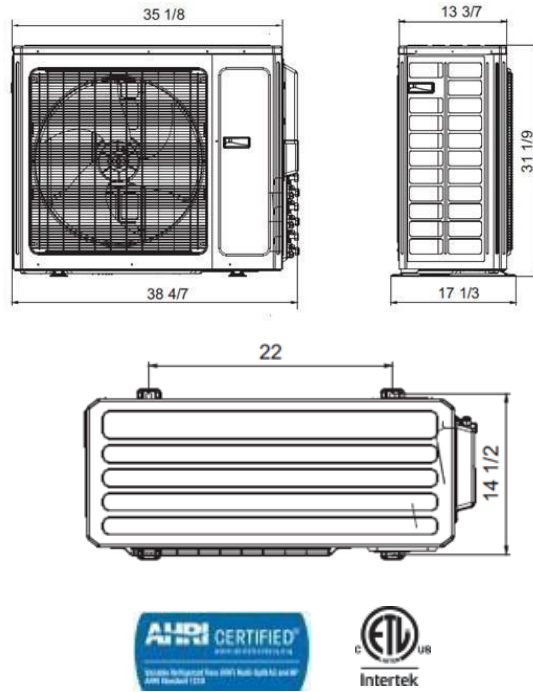


DHM24CMB21S

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 (Btu/h)/W		8.20
SEER		16.00
HSPF		8.20
Rated Voltage	V-PH-Hz	208/230-1-60
MCA	Amps	20
MOCP	Amps	30
Max. Total Piping Length	ft. (m)	245 (75)
Drop (outdoor above Indoor)	ft. (m)	24.6 (7)
Rise (Indoor above outdoor)	ft. (m)	24.6 (7)
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 Unit		DHM24CMB21S
Operation Range - Cooling	F (C)	23 - 118 (5—48)
Operation Range - Heating	F (C)	5-80 (-15—27)
Refrigerant		R410A
Refrigerant Charge	oz (kg)	77.6 (2.2)
Unit Dimension (WxHxD)	in. (mm)	37.24x15.59x27.55(946x396x700)
Net / Gross Weight	lbs (kg)	134.48/145.5 (61/66)
Sound Pressure Level	dB(A)	56

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



24K Outdoor Unit & Possible Indoor Combinations WITH AHRI Certified Performance-M 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
DHM24CMB21S	9K+9K	9,000	9,000				9,500	9,500			
DHM24CMB21S	9K+12K	9,000	12,000				9,500	13,000			
DHM24CMB21S	12K+12K	12,000	12,000				13,000	13,000			
DHM24CMB21S	9K+18K	8,400	16,600				9,000	18,000			
DHM24CMB21S	12K+18K	10,000	15,000				11,200	16,800			
DHM24CMB21S	18K+18K	12,750	12,750				14,250	14,250			
DHM24CMB21S	9K+9K+9K	8,667	8,667	8,667			9,667	9,667	9,667		
DHM24CMB21S	9K+9K+12K	8,000	8,000	10,000			9,000	9,000	11,000		
DHM24CMB21S	9K+12K+12K	6,000	10,000	10,000			6,000	11,500	11,500		
DHM24CMB21S	9K+9K+18K	7,000	7,000	12,000			6,000	6,000	17,000		
DHM24CMB21S	12K+12K+12K	8,667	8,667	8,667			9,667	9,667	9,667		