

M Series

## SUBMITTAL DATA SHEET

<b>DHM36CMB21S</b>			<b>36,000 BTU/H Multi Zone Heat Pump Outdoor Unit</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>Construction:</b>
<b>Submitted By:</b>			<b>Date:</b>	
<b>Unit Designation:</b>			<b>Schedule No.:</b>	<b>Model No.:</b>

### FEATURES

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

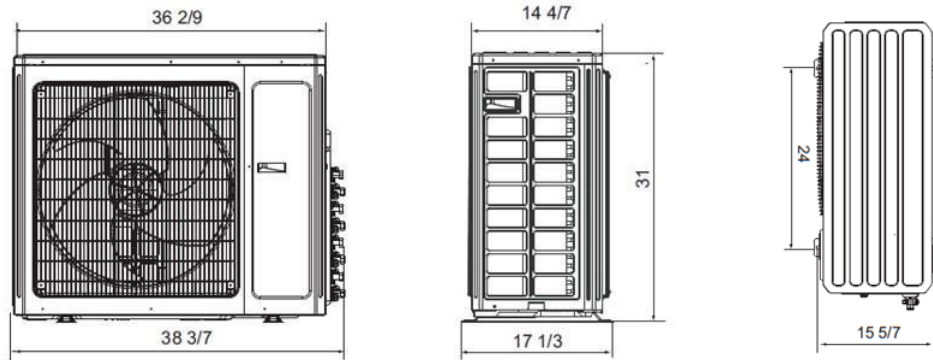


DHM36CMB21S

System Rating		
System Type		Heat Pump
Rated Cooling Capacity	Btu/h	34,000
Cooling Capacity (Min-Max)	Btu/h	8,530-34,120
Rated Heating Capacity	Btu/h	35,800
Heating Capacity (Min-Max)	Btu/h	10,663-40,944
EER (Btu/h)/W		7.90
SEER		16.00
HSPF		8.2
Rated Voltage	V-PH-Hz	208/230-1-60
MCA	Amps	28
MOCP	Amps	45
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.	1/2
Port 4 Piping Connection Diameter - Liquid	(OD) in.	3/8
Port 4 Piping Connection Diameter - Gas	(OD) in.	5/8
Port 5 Piping Connection Diameter - Liquid	(OD) in.	-
Port 5 Piping Connection Diameter - Gas	(OD) in.	-
Outdoor Unit		DHM36CMB21S
Operation Range - Cooling	F (C)	23 - 118 (5 - 48)
Operation Range - Heating	F (C)	5 - 80 (-15 - 27)
Refrigerant		R410A
Refrigerant Charge	oz (kg)	91.7 (2.9)
Unit Dimension (WxHxD)	in. (mm)	36.22x31.06x16.81 (920x789x427)
Net / Gross Weight	lbs (kg)	152.55/165.12 (69.2/74.9)
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



36K 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
DHM36CMB21S	9K+9K	8,530	8,530				11,089	11,089			
DHM36CMB21S	9K+12K	8,530	12,283				11,089	15,968			
DHM36CMB21S	9K+18K	7,506	16,719				9,758	21,735			
DHM36CMB21S	9K+21K	7,008	19,542				9,121	22,900			
DHM36CMB21S	9K+24K (2)	6,824	20,472				8,189	24,567			
DHM36CMB21S	12K+12K	10,236	10,236				13,307	13,307			
DHM36CMB21S	12K+18K	10,577	13,648				12,693	16,378			
DHM36CMB21S	12K+21K (2)	10,390	15,904				12,473	18,590			
DHM36CMB21S	12K+24K (2)	10,236	17,060				12,283	20,472			
DHM36CMB21S	18K+18K	13,658	13,648				16,378	16,387			
DHM36CMB21S	18K+21K (2)	13,090	14,546				15,658	17,380			
DHM36CMB21S	18K+24K (2)	12,283	15,354				14,740	18,425			
DHM36CMB21S	21K+21K (2)	13,209	13,209				15,865	15,865			
DHM36CMB21S	21K+24K	12,935	13,648				15,253	16,378			
DHM36CMB21S	24K+24K (2)	13,648	13,648				16,378	16,378			
DHM36CMB21S	9K+9K+9K	8,189	8,189	8,189			9,008	9,008	9,008		
DHM36CMB21S	9K+9K+12K	6,994	7,336	10,236			7,694	8,069	11,260		
DHM36CMB21S	9K+9K+18K	7,165	7,165	15,354			8,598	8,598	18,425		
DHM36CMB21S	9K+9K+21K	6,822	6,822	16,206			8,066	8,066	19,428		
DHM36CMB21S	9K+9K+24K (2)	6,312	6,312	17,060			7,574	7,574	20,472		
DHM36CMB21S	9K+12K+12K	7,506	11,089	11,089			9,008	13,307	13,307		
DHM36CMB21S	9K+12K+18K	6,141	10,065	13,477			7,370	12,078	16,173		
DHM36CMB21S	9K+12K+21K (2)	5,823	9,065	14,988			6,902	10,506	17,985		
DHM36CMB21S	9K+12K+24K (2)	5,459	8,018	16,207			6,551	9,622	19,449		
DHM36CMB21S	9K+18K+18K	5,971	11,771	11,771			7,165	14,126	14,126		
DHM36CMB21S	9K+18K+21K (2)	5,765	10,950	13,420			6,854	12,205	16,856		
DHM36CMB21S	9K+18K+24K (2)	5,459	9,042	15,184			6,551	10,850	18,220		
DHM36CMB21S	9K+21K+21K	5,722	1,203	1,203			6,753	14,324	14,324		
DHM36CMB21S	9K+21K+24K	5,722	1,203	13,052			6,753	14,324	17,653		
DHM36CMB21S	12K+12K+12K	9,895	9,895	9,895			11,874	11,874	11,874		
DHM36CMB21S	12K+12K+18K	8,530	8,530	12,624			10,236	10,236	15,149		
DHM36CMB21S	12K+12K+21K (2)	8,035	8,035	13,654			9,535	9,535	16,605		
DHM36CMB21S	12K+12K+24K (2)	7,506	7,506	14,672			9,008	9,008	17,606		
DHM36CMB21S	12K+18K+18K	9,212	12,283	12,283			11,055	14,740	14,740		
DHM36CMB21S	12K+18K+21K	8,806	10,265	13,154			10,563	12,850	15,200		
DHM36CMB21S	12K+18K+24K	8,708	10,235	13,425			10,478	12,750	15,500		
DHM36CMB21S	12K+21K+21K	8,906	13,326	13,326			10,566	15,620	15,620		
DHM36CMB21S	18K+18K+18K	9,895	9,895	9,895			11,874	11,874	11,874		
DHM36CMB21S	9K+9K+9K+9K	8,359	8,359	8,359	8,359		10,031	10,031	10,031	10,031	
DHM36CMB21S	9K+9K+9K+12K	7,506	7,506	7,506	10,918		9,008	9,008	9,008	13,102	
DHM36CMB21S	9K+9K+9K+18K	6,824	6,824	6,824	12,283		8,189	8,189	8,189	14,740	
DHM36CMB21S	9K+9K+9K+21K (2)	6,420	6,420	6,420	14,250		7,865	7,865	7,865	16,014	
DHM36CMB21S	9K+9K+9K+24K (2)	6,141	6,141	6,141	15,013		7,370	7,370	7,370	18,016	
DHM36CMB21S	9K+9K+12K+12K	6,824	6,824	9,895	9,895		8,189	8,189	11,874	11,874	
DHM36CMB21S	9K+9K+12K+18K	5,459	5,459	11,260	11,260		6,551	6,551	13,512	13,512	
DHM36CMB21S	9K+9K+18K+18K	6,650	6,650	11,980	11,980		7,968	7,968	13,980	13,980	
DHM36CMB21S	9K+9K+12K+21K	5,305	5,305	11,113	12,056		6,500	6,500	13,253	14,520	
DHM36CMB21S	9K+9K+12K+24K	5,398	5,398	11,026	12,506		6,420	6,420	13,056	15,035	
DHM36CMB21S	9K+12K+12K+12K	7,847	8,530	8,530	8,530		9,417	10,236	10,236	10,236	
DHM36CMB21S	9K+12K+12K+18K	6,141	7,506	7,506	12,283		7,370	9,008	9,008	14,740	
DHM36CMB21S	9K+12K+12K+21K	6,141	7,506	7,506	12,860		7,370	9,008	9,008	15,035	
DHM36CMB21S	12K+12K+12K+12K	8,359	8,359	8,359	8,359		10,031	10,031	10,031	10,031	
DHM36CMB21S	12K+12K+12K+18K	8,359	8,359	8,359	8,965		10,031	10,031	10,031	11,055	