

# MULTI-ZONE | MXZ-C | Heat Pump



Model Name		Outdoor Unit		MXZ-3C24NA *5	MXZ-3C30NA	MXZ-4C36NA-1 *6	MXZ-5C42NA	MXZ-8C48NA*8	
Indoor Unit	Cooling *1 Non-ducted/Ducted	Rated Capacity	Btu/h	22,000 / 23,600	28,400 / 27,400	35,400 / 34,400	40,500 / 37,500	48,000 / 48,000	
		Capacity Range	Btu/h	12,600-22,000 / 12,600-25,500	12,600-28,400 / 12,600-27,400	12,600-36,400 / 12,600-34,800	6,000 - 43,000	6,000-48,000	
		Rated Total Input	W	1,620 / 2,100	2,680 / 2,840	3,760 / 3,940	4,403 / 4,112	4,000 / 5,050	
	Heating at 47° F *2 Non-ducted/Ducted	Rated Capacity	Btu/h	25,000 / 24,600	28,600 / 27,600	36,000 / 34,400	45,000 / 41,000	54,000 / 54,000	
		Capacity Range	Btu/h	11,400-30,600 / 11,400-29,400	11,400-36,000 / 11,400-35,000	11,400-43,000 / 11,400-41,400	7,200 - 53,600	7,200 - 54,000	
		Rated Total Input	W	1,750 / 1,900	2,150 / 2,220	3,020 / 3,100	3,575 / 3,463	4,220 / 4,990	
	Heating at 17° F *3 Non-ducted/Ducted	Rated Capacity	Btu/h	14,000 / 14,000	16,000 / 15,100	22,200 / 20,300	24,400 / 23,000	36,600 / 36,600	
		Maximum Capacity	Btu/h	19,600 / 19,600	21,000 / 21,000	26,600 / 26,600	30,500 / 29,100	36,600 / 36,600	
		Rated Total Input	W	2,120 / 2,230	2,120 / 2,140	3,340 / 3,450	2,943 / 2,869	3,720 / 4,420	
	Heating at 5° F	Maximum Capacity	Btu/h	18,200	18,200	24,000	26,000	32,400	
Power Supply	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V *7						
Voltage	Indoor - Outdoor S1 - S2		AC 208 / 230V						
	Indoor - Outdoor S2 - S3		DC ±24V						
Outdoor Unit *4	MCA	A	22.1		22.1		31.9	37	
	MOCP	A	25				40	52	
	Fan Motor (ECM)	F.L.A.	1.90					0.4+0.4	
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary						
		R.L.A.	12		20		19		
		L.R.A.	13.7		28.8		22		
	Airflow (Cooling/Heating)	CFM	1,485 / 1,640	2,068 / 1,605	1,365 / 1,605	2,118 / 2,542	3,885		
	Refrigerant Control	Linear Expansion Valve							
	Defrost Method	Reverse Cycle							
	Sound Pressure Level at Cooling *1	dB(A)	51	52	54	56	51		
	Sound Pressure Level at Heating *2	dB(A)	55	56		58	54		
	External Finish Color	Munsell No. 3.0Y 7.8 / 1.1							
	Dimensions	W: In.	37-13/32				41-11/32		
D: In.		13							
H: In.		31-11/32		41-9/32		52-11/16			
Weight	Lbs.	135	137	189	269				
Indoor Unit	No. of Units	2	2, 3	2, 3	2,3,4,5	2,3,4,5,6,7,8			
Remote Controller	Type	Associated with the Indoor Unit							
Refrigerant	Type	R410A							
	Charge	Lbs., Oz.	6, 13		8, 13		10, 9		
	Oil	Type (fl. oz.)	FV50S (24.7)		FV50S (37.4)		FV50S (73)		
Refrigerant Pipe	Gas Side O.D.	In.	A: 1/2; B: 3/8	A: 1/2; B,C: 3/8	A: 1/2; B,C,D: 3/8	A: 1/2; B,C,D,E: 3/8	5/8		
	Liquid Side O.D.	In.	1/4					3/8	
Max Refrigerant Line Length	Height Difference (Max.)	Ft.	230					492	
Max. Piping Length for Each Indoor Unit			82					262	
Max. Refrigerant Pipe Height Difference	If IDU is Above ODU	Ft.	49					131	
	If IDU is Below ODU	Ft.	49					164	
Connection Method	Indoor/Outdoor	Flared/Flared							

NOTES: Test conditions are based on AHRI 210/240. One indoor unit is turned off during low-speed testing under the new test conditions. **Systems actually exhibit higher energy efficiencies during normal operation.**

\*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C);

Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

\*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C);

Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

\*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C);

Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

\*4. Refer to pages 37-40 for Indoor Unit specifications.

\*5. Data from combination of two Indoor Units 6,000 Btu/h and one 9,000 Btu/h (non-ducted) or three 9,000 Btu/h (ducted).

\*6. Data from combination of four Indoor Units 9,000 Btu/h (non-ducted and ducted).

\*7. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

\*8. MXZ-8C48NA require branch box for operation.

Specifications are subject to change without notice.

LIMITED WARRANTY | Five years parts and seven years compressor.

Model Name		PAC-MKA30BC	PAC-MKA50BC	
Connectable No. of Indoor Units		3	5	
Power Supply	Phase, Cycle, Voltage	1 Phase, 60Hz, 208 / 230V		
Power Input	W	3		
Current	A	0.05		
External Finish		Galvanized-Steel Sheets		
Dimensions	Width	In.	17-2 3/32	
	Depth	In.	11-1/32	
	Height	In.	6-11/16	
Net Weight	Lbs.	15	16	
Refrigerant Pipe Dimensions	Outdoor Unit to Branch Box	Gas (In.)	5/8	
		Liquid (In.)	3/8	
	Branch Box to Indoor Units	Gas (In.)	A,B,C: 3/8	A, B, C, D: 3/8; E: 1/2
		Liquid (In.)	A,B,C: 1/4	A, B, C, D, E: 1/4



PAC-MKA50BC



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