

# Multi-split system

## Heat pump

- Catechin Plus Air Purifying System
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Significant Energy Savings (up to 30%)
- Wide Selection of up to 8:1 combinations
- Auto Change Over Between Cooling & Heating
- Super-Quiet Technology – Only 19dB(A) (MSZ-GE09NA)
- High-Speed Cooling and Heating
- Long Pipe Runs – Up to 230 ft.
- Refrigerant Pre-Charged
- Easy Installation – No Ductwork Needed
- 5-Year Parts Warranty
- 7-Year Compressor Warranty



MXZ-2B20NA



MXZ-3B24/3B30/4B36NA



MXZ-5B42NA



MXZ-8B48NA



Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca)  
for more information.

### Energy Star-Qualified Configurations

Model	Indoor Unit Combinations	SEER	EER	HSPF (IV)
MXZ-2B20NA	Non-ducted Units	18.0	12.0	8.9
MXZ-3B24NA	Non-ducted Units	17.5	12.0	9.3

Model (Heat Pump)	Outdoor Unit	MXZ-2B20NA-1*4★	MXZ-3B24NA-1*5★	MXZ-3B30NA-1	MXZ-4B36NA-1*6	
Cooling*1	Rated Capacity	Btu/h 18,000 / 20,000	22,000 / 23,600	28,400 / 27,400	35,400 / 34,400	
Combinations:	Capacity Range	Btu/h 7,800 ~ 20,000	12,600 ~ 25,500	12,600 ~ 28,400	12,600 ~ 36,400	
Non-ducted / Ducted	Total Input	W 2,190 (630 ~ 2,190)	2,460 (1,000 ~ 2,950)	3,330 (1,000 ~ 3,330)	3,940 (1,000 ~ 4,020)	
Heating at 47°F*2	Rated Capacity	Btu/h 22,000 / 22,000	25,000 / 24,600	28,600 / 27,600	36,000 / 34,400	
Combinations:	Capacity Range	Btu/h 8,500 ~ 25,500	11,400 ~ 30,600	11,400 ~ 36,000	11,400 ~ 43,000	
Non-ducted / Ducted	Total Input	W 2,620 (520 ~ 2,620)	1,900 (740 ~ 2,600)	2,220 (740 ~ 2,820)	3,100 (740 ~ 3,940)	
Heating at 17°F*3	Maximum Capacity	Btu/h 14,500 / 14,500	18,800 / 17,000	18,800 / 18,000	24,600 / 25,400	
Combinations:	Maximum Total Input	W 1,500 / 1,590	2,120 / 2,230	2,120 / 2,140	3,340 / 3,450	
Non-ducted / Ducted						
SEER	Cooling (Non-ducted / Ducted / Mixed)	18.0 / 15.5 / 16.75	17.5 / 15.0 / 16.25	17.5 / 14.5 / 16.0	18.0 / 15.0 / 16.5	
EER	Cooling (Non-ducted / Ducted / Mixed)	12.0 / 9.1 / 10.55	12.0 / 9.6 / 10.80	9.1 / 8.2 / 8.65	9.4 / 8.7 / 9.05	
HSPF (IV)	Heating (Non-ducted / Ducted / Mixed)	8.9 / 8.5 / 8.7	9.3 / 8.5 / 8.9	10.5 / 9.5 / 10.0	9.3 / 9.0 / 9.15	
Power Supply	Phase, Cycle, Voltage	1 Phase, 60Hz, 208/230V*7				
Voltage	Indoor – Outdoor S1-S2	AC 208 / 230V				
	Indoor – Outdoor S2-S3	DC12-24V				
Outdoor Unit	MCA	A 15	15	15	19	
	MOCP	A 20	20	20	20	
	Fan Motor	F.L.A 0.96	0.93	0.93	0.93	
	Compressor	Model (Type)	Variable Compressor Speed Inverter (VCSi) Technology			
		R.L.A.	10.1	11	15	14.4
		L.R.A.	15	15	15	15
	Airflow (Cooling/Heating)	CFM	1,485 / 1,640	2,068 / 1,605	1,365 / 1,605	2,068 / 2,068
	Refrigerant Control		Linear Expansion Valve			
	Sound – Cooling	dB(A)	49	54	49	54
	Sound – Heating	dB(A)	51	49	49	57
External Finish Colour		Munsell No. 3.0Y 7.8 / 1.1				
Dimensions	Width (in.)	33-1/16	35-7/16	35-7/16	35-7/16	
	Depth (in.)	13	12-5/8	12-5/8	12-5/8	
	Height (in.)	27-15/16	35-7/16	35-7/16	35-7/16	
	Weight	lbs	130	150	150	153
Connectable No. of Indoor Units		2	2 – 3	2 – 3	2 – 4	
Refrigerant	Type	R-410A	R-410A	R-410A	R-410A	
	Charge	lbs., oz. 5, 15	7, 11	7, 11	8, 13	
Refrigerant Pipe	Gas – O.D.	in. A, B: 3/8	A: 1/2; B, C: 3/8	A: 1/2; B, C: 3/8	A: 1/2; B, C, D: 3/8	
	Liquid – O.D.	in. 1/4	1/4	1/4	1/4	
Refrigerant Pipe Length	Height Difference (Max.)	ft. 49/33*8	49/33*8	49/33*8	49/33*8	
	Length (Max.)	ft. 164 (A+B)	230 (A+B+C)	230 (A+B+C)	230 (A+B+C+D)	
Connection Method	Indoor / Outdoor	Flared / Flared	Flared / Flared	Flared / Flared	Flared / Flared	
Outdoor Operating Range	Cooling	14 – 115°FDB	14 – 115°FDB	14 – 115°FDB	14 – 115°FDB	
	Heating	6 – 75°FDB (5 – 65°FWB)	6 – 75°FDB (5 – 65°FWB)	6 – 75°FDB (5 – 65°FWB)	6 – 75°FDB (5 – 65°FWB)	

★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Note: Performance may vary based on specific indoor combination. Please consult with your local dealer for a complete listing from the service manual.  
All non-ducted indoor unit combinations for MXZ-2B20NA and MXZ-3B24NA are Energy Star-certified.

All test conditions are based on ARI 210/240. Rating conditions:

\*1. Cooling – Indoor: 80°FDB, 67°FWB; Outdoor: 95°FDB, 75°FWB; Rated frequency

\*2. Heating – Indoor: 70°FDB, 60°FWB; Outdoor: 47°FDB, 43°FWB; Rated frequency

\*3. Heating – Indoor: 70°FDB, 60°FWB; Outdoor: 17°FDB, 15°FWB; Rated frequency

\*4. Data from combination of two Indoor Units 9,000 Btu/h (non-ducted) or one 9,000 Btu/h and one 12,000 Btu/h (ducted).

Model	Outdoor Unit	MXZ-5B42NA	MXZ-8B48NA	
Cooling *1	Rated Capacity	Btu/h	40,800 / 37,200	48,000 / 48,000
Combinations:	Rated Total Input	W	4,800 / 3,960	5,780 / 6,470
Non-ducted / Ducted	Maximum Capacity	Btu/h	43,000	54,000
Heating at 47°F *2	Rated Capacity	Btu/h	45,200 / 41,200	54,000 / 54,000
Combinations:	Rated Total Input	W	3,780 / 3,660	4,820 / 5,270
Non-ducted / Ducted	Maximum Capacity	Btu/h	53,600	60,000
Heating at 17°F *3	Maximum Capacity	Btu/h	30,500 / 29,100	36,600 / 36,550
Combinations:	Maximum Total Input	W	4,800 / 5,550	-
SEER	Cooling (Non-ducted / Ducted / Mixed)		18.4 / 14.5 / -	15.0 / 14.7 / 14.8
EER	Cooling (Non-ducted / Ducted / Mixed)		8.5 / 9.4 / -	8.3 / 7.42 / 7.84
HSPF (IV)	Heating (Non-ducted / Ducted / Mixed)		9.8 / 8.7 / -	8.7 / 8.9 / 8.8
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V	
Voltage	Indoor – Outdoor S1-S2		AC 208 / 230V	
	Indoor – Outdoor S2-S3		DC12-24V	
Outdoor Unit	MCA	A	36.2	32
	MOCP	A	40	52
	Compressor	Model (Type)	Variable Compressor Speed Inverter (VCSi) Technology	
	Refrigerant Control		Linear Expansion Valve	
	Sound – Cooling	dB(A)	58	54
	Sound – Heating	dB(A)	58	55
	External Finish Colour		Munsell No. 3Y 7.8 / 1.1	
	Dimensions	Width (in.)	35-7/16	37-7/16
		Depth (in.)	12-5/8	13
		Height (in.)	42-1/8	53-3/16
	Weight	lbs	192	278
	Total Installed Capacity (Min. 22 – Max. 130%)	Btu/h	-	12,000 ~ 70,200 *5
Connectable Indoor Units (Size/Quantity)			6,000 – 24,000 / 2 ~ 5	6,000 – 24,000 / 2 ~ 8
Refrigerant	Type		R-410A	R-410A
	Charge	lbs., oz.	10, 9	18, 11.2
Refrigerant Pipe	Gas – O.D.	in.	A: 1/2; B, C, D, E: 3/8	5/8
	Liquid – O.D.	in.	1/4	3/8
Refrigerant Pipe Length	Height Difference (Max.)	ft.	49/33 *8	66/98 *4
	Max. Distance Between Outdoor Unit and Farthest Indoor Unit	ft.	-	230
	Max. Distance from Outdoor Unit to Branch Box	ft.	-	180
	Max. Pipe Length – Branch Box to Indoor Unit	ft.	-	49
	Total Max. Pipe Length Between Branch Box and All Connected Indoor Units	ft.	-	197
	Max. Total Length	ft.	262 (A+B+C+D+E)	377
Connection Method	Indoor / Outdoor		Flared / Flared	Flared / Flared
Outdoor Operating Range	Cooling		14 – 115°FDB	14 – 115°FDB
	Heating		6 – 75°FDB (5 – 65°FWB)	6 – 75°FDB (5 – 65°FWB)

## Required branch boxes for MXZ-8B48NA

Maximum of 2 branch boxes can be connected to one outdoor unit—requires joint MSDD-50AR-E or MSDD-50BR-E.

Model	PAC-AKA31BC	PAC-AKA51BC
Connectable No. of Indoor Units	3	5
Power Supply	1 Phase, 60Hz, 208/230V	
Power Input	W	
Current	A	
External Finish	Galvanized Steel Sheets	
Dimension		
	Width	in.
	Depth	in.
	Height	in.
Net Weight	lbs.	
Refrigerant Pipe Dimensions		
	Outdoor Unit to Branch Box	Gas (in.)
		Liquid (in.)
	Branch Box to Indoor Units	Gas (in.)
		Liquid (in.)
Drainpipe Size (O.D.)	in.	

Branch boxes:  
(At least one branch box required)



PAC-AKA31BC



PAC-AKA51BC

\*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. 49 feet applies to installations where the outdoor unit is installed below the indoor unit.

\*9. 66 feet applies to installations where the outdoor unit is installed below the indoor unit.

\*10. Maximum installed capacity is the maximum total of all connected indoor units, NOT the maximum capacity produced.

# Connectable indoor units



## Wall-Mounted Style

Model		MSZ-GE06NA*	MSZ-GE09NA	MSZ-GE12NA	MSZ-GE15NA	MSZ-GE18NA	MSZ-GE24NA
Cooling Capacity	Btu/h	6,000	9,000	12,000	14,000	17,200	22,000
Heating Capacity	Btu/h	7,400	10,900	14,400	18,000	21,600	23,200
Airflow (Q, L, M, H, SH)	CFM Dry	145-170-237-321-399	145-170-237-321-399	145-170-237-321-399	205-272-335-420-533	230-275-339-420-533	N/A-296-431-568-624
Sound Indoor (Q, L, M, H, SH)	Cooling dB(A)	19-22-30-37-43	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	N/A-34-40-49-51
Dimension	H in.	11-5/8	11-5/8	11-5/8	11-5/8	11-5/8	12-13/16
	W in.	31-7/16	31-7/16	31-7/16	31-7/16	31-7/16	43-5/16
	D in.	9-1/8	9-1/8	9-1/8	9-1/8	9-1/8	10-1/4

## Ceiling-Concealed Style



Model		SEZ-KD09NA	SEZ-KD12NA	SEZ-KD15NA	SEZ-KD18NA	PEAD-A24AA
Cooling Capacity	Btu/h	9,000	12,000	15,000	17,200	24,000
Heating Capacity	Btu/h	10,900	13,600	18,000	20,100	26,000
Airflow (L, M, H)	CFM Dry	194-247-317	247-317-388	353-441-529	423-529-635	512-636-742
Sound Indoor (L, M, H)	Cooling dB(A)	23-26-30	23-28-33	30-34-37	30-34-38	30-33-37
Dimension	H in.	7-7/8	7-7/8	7-7/8	7-7/8	9-7/8
	W in.	31-1/8	39	39	46-7/8	43-5/16
	D in.	27-9/16	27-9/16	27-9/16	27-9/16	28-7/8

## 4-Way Cassette Style



Model		SLZ-KA09NA	SLZ-KA12NA	SLZ-KA15NA
Cooling Capacity	Btu/h	9,000	12,000	15,000
Heating Capacity	Btu/h	10,900	14,400	18,000
Airflow (L, M, H)	CFM Dry	280-320-250	280-320-390	280-320-390
Sound Indoor (L, M, H)	Cooling dB(A)	29-32-38	30-34-39	31-35-40
Dimension	H in.	8-3/16	8-3/16	8-3/16
	W in.	22-7/16	22-7/16	22-7/16
	D in.	22-7/16	22-7/16	22-7/16

## Floor-Mounted Style

Model		MFZ-KA09NA*	MFZ-KA12NA*	MFZ-KA18NA*
Cooling Capacity	Btu/h	9,000	12,000	17,200
Heating Capacity	Btu/h	10,900	14,400	21,600
Airflow (L, M, H, SH)	CFM Dry	169-205-251-314	177-215-261-321	251-279-325-394
Sound Indoor (L, M, H, SH)	Cooling dB(A)	25-30-35-40	26-31-36-41	35-38-42-46
Dimension	H in.	23-5/8	23-5/8	23-5/8
	W in.	27-7/16	27-7/16	27-7/16
	D in.	7-7/8	7-7/8	7-7/8

### Floor-mounted features

- Catechin Plus Air Purifying System
- Dual-Outlet for Optimum Air Distribution
- SmartSet & Econo Cool Functions
- Super-Quiet Technology
- SuperHi Fan Speed
- Optional Wired Remote Controller



\*Connectable only with MXZ systems.

Q=Quiet, L=Low, M=Med, H=Hi, SH=SuperHi  
All features may not apply to all models. Ask your dealer for details.