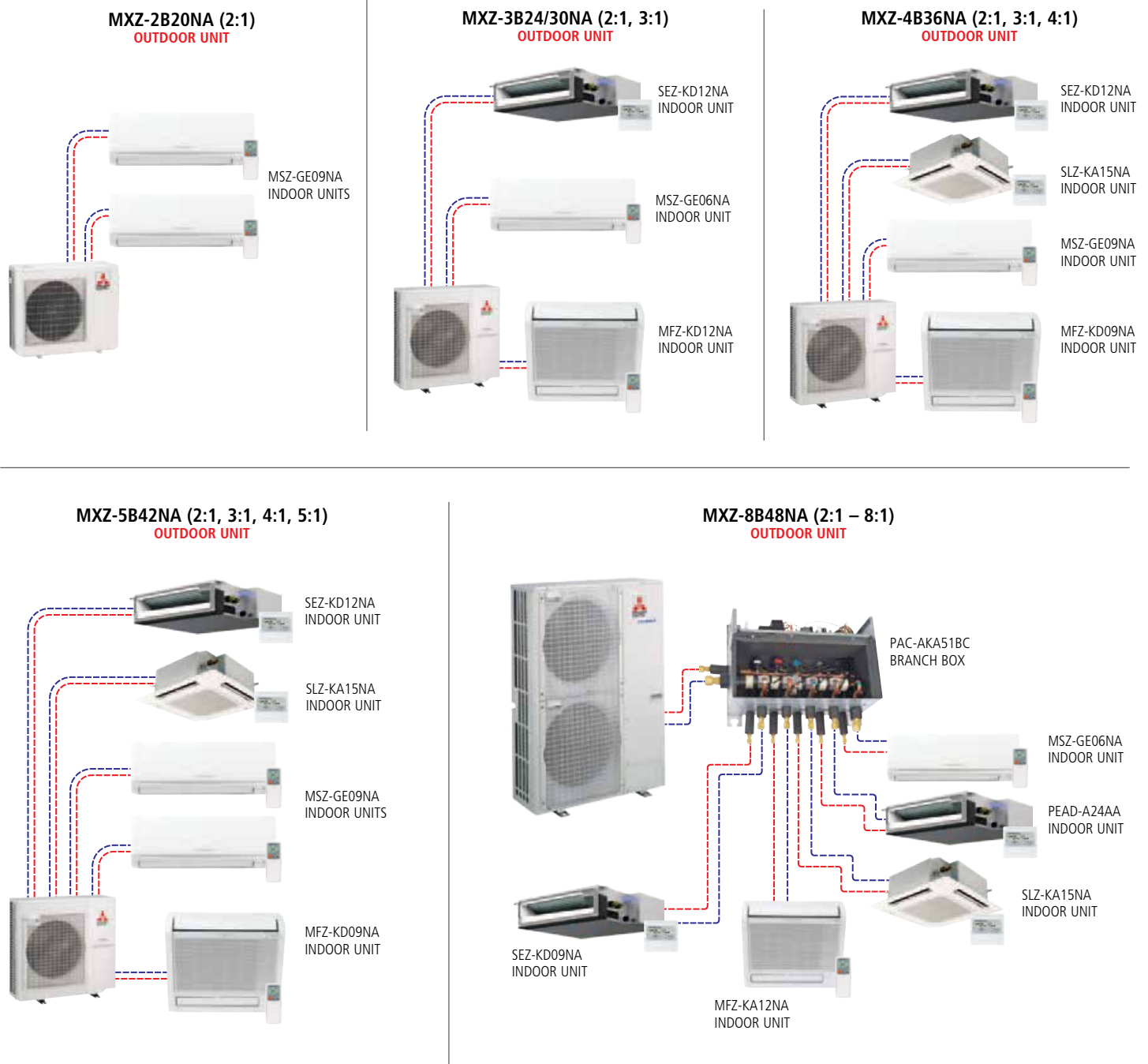


# Multi-split system

The MXZ-B Series provides you with superior control and flexibility by heating and cooling up to eight rooms, with only a single outdoor unit. The MXZ-B Series can be configured to suit your style and capacity requirements while offering outstanding energy efficiency.

## Combination Examples:



# 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: Non-ducted / Ducted	Capacity Range	Btu/h	7,800 ~ 20,000	12,600 ~ 25,500	12,600 ~ 28,400	12,600 ~ 36,400
	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: Non-ducted / Ducted	Capacity Range	Btu/h	8,500 ~ 25,500	11,400 ~ 30,600	11,400 ~ 36,000	11,400 ~ 43,000
	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: Non-ducted / Ducted	Maximum Total Input	W	1,500 / 1,590	2,120 / 2,230	2,120 / 2,140	3,340 / 3,450
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 Voltage	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V **			
	Indoor – Outdoor S1-S2		AC 208 / 230V			
	Indoor – Outdoor S2-S3		DC12-24V			
Outdoor Unit	MCA	A	15	15	15	19
	MOCF	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	11	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.)	33-11/16	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)

\*4. 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: Non-ducted / Ducted	Rated Total Input	W	4,800 / 3,960	5,780 / 6,470
	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: Non-ducted / Ducted	Rated Total Input	W	3,780 / 3,660	4,820 / 5,270
	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: Non-ducted / Ducted	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 Voltage	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V	
	Indoor – Outdoor S1-S2		AC 208 / 230V	
	Indoor – Outdoor S2-S3		DC12-24V	
Outdoor Unit	MCA	A	36.2	32
	MOCF	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	
	Charge	lbs., oz.	10, 9	
Refrigerant Pipe	Gas – O.D.	in.	A: 1/2; B, C, D, E: 3/8	
	Liquid – O.D.	in.	1/4	
Refrigerant Pipe Length	Height Difference (Max.)	ft.	49/33 *8	
	Max. Distance Between Outdoor Unit and Farthest Indoor Unit	ft.	230	
	Max. Distance from Outdoor Unit to Branch Box	ft.	–	
	Max. Pipe Length – Branch Box to Indoor Unit	ft.	180	
	Total Max. Pipe Length Between Branch Box and All Connected Indoor Units	ft.	49	
	Max. Total Length	ft.	197	
Connection Method	Indoor / Outdoor		262 (A+B+C+D+E) Flared / Flared	
Outdoor Operating Range	Cooling		14 – 115°FDB	
	Heating		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	0.003	
Current	A	0.05	
External Finish	Galvanized Steel Sheets		
Dimension	Width	in.	
	Depth	in.	
	Height	in.	
Net Weight	lbs.	19      21	
Refrigerant Pipe Dimensions	Outdoor Unit to Branch Box	Gas (in.)	5/8
	Branch Box to Indoor Units	Liquid (in.)	3/8
Drainpipe Size (O.D.)	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

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	in. 11-5/8	in. 11-5/8	in. 11-5/8	in. 11-5/8	in. 12-13/16
	W	in. 31-7/16	in. 31-7/16	in. 31-7/16	in. 31-7/16	in. 31-7/16	in. 43-5/16
	D	in. 9-1/8	in. 9-1/8	in. 9-1/8	in. 9-1/8	in. 9-1/8	in. 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	in. 7-7/8	in. 7-7/8	in. 7-7/8	in. 9-7/8
	W	in. 31-1/8	in. 39	in. 46-7/8	in. 46-7/8	in. 43-5/16
	D	in. 27-9/16	in. 27-9/16	in. 27-9/16	in. 27-9/16	in. 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	in. 8-3/16	in. 8-3/16
	W	in. 22-7/16	in. 22-7/16	in. 22-7/16
	D	in. 22-7/16	in. 22-7/16	in. 22-7/16

### 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



## 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	in. 23-5/8	in. 23-5/8
	W	in. 27-7/16	in. 27-7/16	in. 27-7/16
	D	in. 7-7/8	in. 7-7/8	in. 7-7/8

\*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.

# Combination charts

Mr. Slim makes choosing the right combination of comfort and style as easy as **one, two, three.**

## Legend

### one

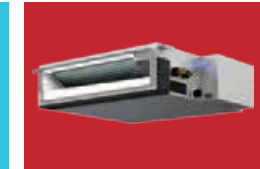
Decide system capacity and number of indoor units required.

### two

Choose a suitable combination of indoor unit sizes.

### three

Use the reference CODE to select the indoor unit style from the legend that fits your needs.



MODEL	BTU	CODE
MFZ-KA09NA	9,000	09
MFZ-KA12NA	12,000	12
MFZ-KA18NA	18,000	18

MODEL	BTU	CODE
SEZ-KD09NA	9,000	09
SEZ-KD12NA	12,000	12
SEZ-KD15NA	15,000	15
SEZ-KD18NA	18,000	18

MODEL	BTU	CODE
MSZ-GE06NA	6,000	06
MSZ-GE09NA	9,000	09
MSZ-GE12NA	12,000	12
MSZ-GE15NA	15,000	15
MSZ-GE18NA	18,000	18
MSZ-GE24NA	24,000	24

MODEL	BTU	CODE
SLZ-KA09NA	9,000	09
SLZ-KA12NA	12,000	12
SLZ-KA15NA	15,000	15

### MXZ-2B20NA

06 + 06	09 + 09
06 + 09	09 + 12
06 + 12	09 + 15
06 + 15	12 + 12

Select your combination choice from the table on the left. Use the reference code to pick the indoor model and style that best suit your needs from the legend.

Notes:

OUTDOOR UNIT	INDOOR UNIT #1	INDOOR UNIT #2
MXZ-2B20NA	+	

### MXZ-3B24NA

06 + 06	12 + 12
06 + 09	12 + 15
06 + 12	06 + 06 + 06
06 + 15	06 + 06 + 09
06 + 18	06 + 06 + 12
09 + 09	06 + 06 + 15
09 + 12	06 + 09 + 09
09 + 15	06 + 09 + 12
09 + 18	09 + 09 + 09

Select your combination choice from the table on the left. Use the reference code to pick the indoor model and style that best suit your needs from the legend.

Notes:

OUTDOOR UNIT	INDOOR UNIT #1	INDOOR UNIT #2	INDOOR UNIT #3
MXZ-3B24NA	+		

# Combination charts (CONTINUED)

MXZ-3B30NA

06 + 06	12 + 15	06 + 09 + 15
06 + 09	12 + 18	06 + 09 + 18
06 + 12	15 + 15	06 + 12 + 12
06 + 15	15 + 18	06 + 12 + 15
06 + 18	18 + 18	06 + 15 + 15
06 + 24	06 + 06 + 06	09 + 09 + 09
09 + 09	06 + 06 + 09	09 + 09 + 12
09 + 12	06 + 06 + 12	09 + 09 + 15
09 + 15	06 + 06 + 15	09 + 09 + 18
09 + 18	06 + 06 + 18	09 + 12 + 12
09 + 24	06 + 09 + 09	09 + 12 + 15
12 + 12	06 + 09 + 12	12 + 12 + 12

Select your combination choice from the table on the left. Use the reference code to pick the indoor model and style that best suit your needs from the legend.

Notes: \_\_\_\_\_  
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OUTDOOR UNIT	INDOOR UNIT #1	INDOOR UNIT #2	INDOOR UNIT #3
MXZ-3B24NA	+		

MXZ-4B36NA

06 + 06	06 + 06 + 06	09 + 09 + 09	06 + 06 + 06 + 06
06 + 09	06 + 06 + 09	09 + 09 + 12	06 + 06 + 06 + 09
06 + 12	06 + 06 + 12	09 + 09 + 15	06 + 06 + 06 + 12
06 + 15	06 + 06 + 15	09 + 09 + 18	06 + 06 + 06 + 15
06 + 18	06 + 06 + 18	09 + 09 + 24	06 + 06 + 09 + 09
06 + 24	06 + 06 + 24	09 + 12 + 12	06 + 06 + 09 + 12
09 + 09	06 + 09 + 09	09 + 12 + 15	06 + 06 + 09 + 15
09 + 12	06 + 09 + 12	09 + 12 + 18	06 + 06 + 12 + 12
09 + 15	06 + 09 + 15	09 + 15 + 15	06 + 06 + 12 + 15
09 + 18	06 + 09 + 18	09 + 15 + 18	06 + 06 + 15 + 15
09 + 24	06 + 09 + 24	09 + 18 + 18	06 + 09 + 09 + 09
12 + 12	06 + 12 + 12	12 + 12 + 12	06 + 09 + 09 + 12
12 + 15	06 + 12 + 15	12 + 12 + 15	06 + 09 + 09 + 15
12 + 18	06 + 12 + 18	12 + 12 + 18	06 + 09 + 12 + 12
15 + 15	06 + 15 + 15	12 + 15 + 15	06 + 09 + 12 + 15
15 + 18	06 + 15 + 18		09 + 09 + 09 + 09
18 + 18	06 + 18 + 18		09 + 09 + 09 + 12
			09 + 09 + 09 + 15
			09 + 09 + 12 + 12

Select your combination choice from the table on the left. Use the reference code to pick the indoor model and style that best suit your needs from the legend.

Notes: \_\_\_\_\_  
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OUTDOOR UNIT	INDOOR UNIT #1	INDOOR UNIT #2	INDOOR UNIT #3	INDOOR UNIT #4
MXZ-4B36NA	+			

MXZ-5B42NA

06 + 06
06 + 09
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06 + 15
06 + 18
06 + 24
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06 + 06 + 06 + 09 + 24
06 + 06 + 06 + 12 + 12
06 + 06 + 06 + 12 + 15
06 + 06 + 06 + 12 + 18
06 + 06 + 06 + 12 + 24
06 + 06 + 06 + 15 + 15
06 + 06 + 06 + 15 + 18
06 + 06 + 06 + 15 + 24
06 + 06 + 06 + 18 + 18
06 + 06 + 06 + 18 + 24
06 + 06 + 06 + 12 + 12
06 + 06 + 06 + 12 + 15
06 + 06 + 06 + 12 + 18
06 + 06 + 06 + 15 + 15
06 + 06 + 06 + 15 + 18
06 + 06 + 06 + 15 + 24
06 + 06 + 06 + 18 + 18
06 + 06 + 06 + 18 + 24

06 + 06 + 06 + 09 + 09
06 + 06 + 06 + 09 + 12
06 + 06 + 06 + 09 + 15
06 + 06 + 06 + 09 + 18
06 + 06 + 06 + 09 + 24
06 + 06 + 06 + 12 + 12
06 + 06 + 06 + 12 + 15
06 + 06 + 06 + 12 + 18
06 + 06 + 06 + 12 + 24
06 + 06 + 06 + 15 + 15
06 + 06 + 06 + 15 + 18
06 + 06 + 06 + 15 + 24
06 + 06 + 06 + 18 + 18
06 + 06 + 06 + 18 + 24
06 + 06 + 06 + 12 + 12
06 + 06 + 06 + 12 + 15
06 + 06 + 06 + 12 + 18
06 + 06 + 06 + 15 + 15
06 + 06 + 06 + 15 + 18
06 + 06 + 06 + 15 + 24
06 + 06 + 06 + 18 + 18
06 + 06 + 06 + 18 + 24

# Combination charts (CONTINUED)

MXZ-8B48NA

06 + 06	09 + 09 + 18	06 + 06 + 12 + 24	09 + 09 + 12 + 12	15 + 15 + 18 + 18	06 + 06 + 12 + 18 + 18	06 + 12 + 15 + 15 + 18	06 + 06 + 06 + 06 + 06 + 06
06 + 09	09 + 09 + 24	06 + 06 + 15 + 15	09 + 09 + 12 + 15	15 + 18 + 18 + 18	06 + 06 + 12 + 18 + 24	06 + 12 + 15 + 18 + 18	06 + 06 + 06 + 06 + 06 + 09
06 + 12	09 + 12 + 12	06 + 06 + 15 + 18	09 + 09 + 12 + 18	06 + 06 + 06 + 06 + 06	06 + 06 + 15 + 15 + 15	06 + 15 + 15 + 15 + 15	06 + 06 + 06 + 06 + 06 + 12
06 + 15	09 + 12 + 15	06 + 06 + 15 + 24	09 + 09 + 12 + 24	06 + 06 + 06 + 06 + 09	06 + 06 + 15 + 15 + 18	06 + 15 + 15 + 15 + 18	06 + 06 + 06 + 06 + 06 + 15
06 + 18	09 + 12 + 18	06 + 06 + 18 + 18	09 + 09 + 15 + 15	06 + 06 + 06 + 06 + 12	06 + 06 + 15 + 15 + 24	09 + 09 + 09 + 09 + 09	06 + 06 + 06 + 06 + 06 + 18
06 + 24	09 + 12 + 24	06 + 06 + 18 + 24	09 + 09 + 15 + 18	06 + 06 + 06 + 06 + 15	06 + 06 + 15 + 18 + 18	09 + 09 + 09 + 09 + 12	06 + 06 + 06 + 06 + 06 + 24
09 + 09	09 + 15 + 15	06 + 06 + 24 + 24	09 + 09 + 15 + 24	06 + 06 + 06 + 06 + 18	06 + 06 + 15 + 18 + 24	09 + 09 + 09 + 09 + 15	06 + 06 + 06 + 06 + 09 + 09
09 + 12	09 + 15 + 19	06 + 09 + 09 + 09	09 + 09 + 18 + 18	06 + 06 + 06 + 06 + 24	06 + 06 + 18 + 18 + 18	09 + 09 + 09 + 09 + 18	06 + 06 + 06 + 06 + 09 + 12
09 + 15	09 + 15 + 24	06 + 09 + 09 + 12	09 + 09 + 18 + 24	06 + 06 + 06 + 09 + 09	06 + 09 + 09 + 09 + 09	09 + 09 + 09 + 09 + 24	06 + 06 + 06 + 06 + 09 + 15
09 + 18	09 + 18 + 18	06 + 09 + 09 + 15	09 + 09 + 18 + 24	06 + 06 + 06 + 09 + 12	06 + 09 + 09 + 09 + 12	09 + 09 + 09 + 12 + 12	06 + 06 + 06 + 06 + 09 + 18
09 + 24	09 + 18 + 24	06 + 09 + 09 + 18	09 + 09 + 24 + 24	06 + 06 + 06 + 09 + 15	06 + 09 + 09 + 09 + 15	09 + 09 + 09 + 12 + 15	06 + 06 + 06 + 06 + 09 + 24
12 + 12	09 + 24 + 24	06 + 09 + 09 + 24	09 + 12 + 12 + 12	06 + 06 + 06 + 09 + 18	06 + 09 + 09 + 09 + 18	09 + 09 + 09 + 12 + 18	06 + 06 + 06 + 06 + 12 + 12
12 + 15	12 + 12 + 12	06 + 09 + 12 + 12	09 + 12 + 12 + 18	06 + 06 + 06 + 09 + 24	06 + 09 + 09 + 09 + 24	09 + 09 + 09 + 12 + 24	06 + 06 + 06 + 06 + 12 + 15
12 + 18	12 + 12 + 15	06 + 09 + 12 + 15	09 + 12 + 12 + 24	06 + 06 + 06 + 12 + 12	06 + 09 + 09 + 12 + 12	09 + 09 + 09 + 15 + 15	06 + 06 + 06 + 06 + 12 + 18
12 + 24	12 + 12 + 18	06 + 09 + 12 + 18	09 + 12 + 15 + 15	06 + 06 + 06 + 12 + 15	06 + 09 + 09 + 12 + 15	09 + 09 + 09 + 15 + 18	06 + 06 + 06 + 06 + 12 + 24
15 + 15	12 + 12 + 24	06 + 09 + 12 + 24	09 + 12 + 15 + 18	06 + 06 + 06 + 12 + 18	06 + 09 + 09 + 12 + 18	09 + 09 + 09 + 15 + 24	06 + 06 + 06 + 06 + 15 + 15
15 + 18	12 + 15 + 15	06 + 09 + 15 + 15	09 + 12 + 15 + 24	06 + 06 + 06 + 12 + 24	06 + 09 + 09 + 12 + 24	09 + 09 + 09 + 18 + 18	06 + 06 + 06 + 06 + 15 + 18
15 + 24	12 + 15 + 18	06 + 09 + 15 + 18	09 + 12 + 18 + 18	06 + 06 + 06 + 15 + 15	06 + 09 + 09 + 15 + 15	09 + 09 + 09 + 18 + 24	06 + 06 + 06 + 06 + 15 + 24
18 + 18	12 + 15 + 24	06 + 09 + 15 + 24	09 + 12 + 18 + 24	06 + 06 + 06 + 15 + 18	06 + 09 + 09 + 15 + 18	09 + 09 + 12 + 12 + 12	06 + 06 + 06 + 06 + 18 + 18
18 + 24	12 + 18 + 18	06 + 09 + 18 + 18	09 + 12 + 24 + 24	06 + 06 + 06 + 15 + 24	06 + 09 + 09 + 15 + 24	09 + 09 + 12 + 12 + 15	06 + 06 + 06 + 06 + 18 + 24
24 + 24	12 + 18 + 24	06 + 09 + 18 + 24	09 + 15 + 15 + 15	06 + 06 + 06 + 18 + 18	06 + 09 + 09 + 18 + 18	09 + 09 + 12 + 12 + 18	06 + 06 + 06 + 09 + 09 + 09
06 + 06 + 06	12 + 24 + 24	06 + 09 + 24 + 24	09 + 15 + 15 + 18	06 + 06 + 06 + 18 + 24	06 + 09 + 09 + 18 + 24	09 + 09 + 12 + 12 + 24	06 + 06 + 06 + 09 + 09 + 12
06 + 06 + 09	15 + 15 + 15	06 + 12 + 12 + 12	09 + 15 + 15 + 24	06 + 06 + 06 + 24 + 24	06 + 09 + 12 + 12 + 12	09 + 09 + 12 + 15 + 15	06 + 06 + 06 + 09 + 09 + 15
06 + 06 + 12	15 + 15 + 18	06 + 12 + 12 + 15	09 + 15 + 18 + 18	06 + 06 + 09 + 09 + 09	06 + 09 + 12 + 12 + 15	09 + 09 + 12 + 15 + 18	06 + 06 + 06 + 09 + 09 + 18
06 + 06 + 15	15 + 15 + 24	06 + 12 + 12 + 18	09 + 15 + 18 + 24	06 + 06 + 09 + 09 + 12	06 + 09 + 12 + 12 + 18	09 + 09 + 12 + 15 + 24	06 + 06 + 06 + 09 + 09 + 24
06 + 06 + 18	15 + 18 + 18	06 + 12 + 12 + 24	09 + 18 + 18 + 18	06 + 06 + 09 + 09 + 15	06 + 09 + 12 + 12 + 24	09 + 09 + 12 + 18 + 18	06 + 06 + 06 + 09 + 12 + 12
06 + 06 + 24	15 + 18 + 24	06 + 12 + 15 + 15	09 + 18 + 18 + 24	06 + 06 + 09 + 09 + 18	06 + 09 + 12 + 15 + 15	09 + 09 + 15 + 15 + 15	06 + 06 + 06 + 09 + 12 + 15
06 + 09 + 09	15 + 24 + 24	06 + 12 + 15 + 18	12 + 12 + 12 + 12	06 + 06 + 09 + 09 + 24	06 + 09 + 12 + 15 + 18	09 + 09 + 15 + 15 + 18	06 + 06 + 06 + 09 + 12 + 18
06 + 09 + 12	18 + 18 + 18	06 + 12 + 15 + 24	12 + 12 + 12 + 15	06 + 06 + 09 + 12 + 12	06 + 09 + 12 + 15 + 24	09 + 09 + 15 + 18 + 18	06 + 06 + 06 + 09 + 12 + 24
06 + 09 + 15	18 + 18 + 24	06 + 12 + 18 + 18	12 + 12 + 12 + 18	06 + 06 + 09 + 12 + 15	06 + 09 + 12 + 18 + 18	09 + 12 + 12 + 12 + 12	06 + 06 + 06 + 09 + 15 + 15
06 + 09 + 18	18 + 24 + 24	06 + 12 + 18 + 24	12 + 12 + 12 + 24	06 + 06 + 09 + 12 + 18	06 + 09 + 12 + 18 + 24	09 + 12 + 12 + 12 + 15	06 + 06 + 06 + 09 + 15 + 18
06 + 09 + 24	06 + 06 + 06 + 06	06 + 12 + 24 + 24	12 + 12 + 15 + 15	06 + 06 + 09 + 12 + 24	06 + 09 + 15 + 15 + 15	09 + 12 + 12 + 12 + 18	06 + 06 + 06 + 09 + 15 + 24
06 + 12 + 12	06 + 06 + 06 + 09	06 + 15 + 15 + 15	12 + 12 + 15 + 18	06 + 06 + 09 + 15 + 15	06 + 09 + 15 + 15 + 18	09 + 12 + 12 + 12 + 24	06 + 06 + 06 + 09 + 18 + 18
06 + 12 + 15	06 + 06 + 06 + 12	06 + 15 + 15 + 18	12 + 12 + 15 + 24	06 + 06 + 09 + 15 + 18	06 + 09 + 15 + 18 + 18	09 + 12 + 12 + 15 + 15	06 + 06 + 06 + 09 + 18 + 24
06 + 12 + 18	06 + 06 + 06 + 15	06 + 15 + 15 + 24	12 + 12 + 18 + 18	06 + 06 + 09 + 15 + 24	06 + 09 + 18 + 18 + 18	09 + 12 + 12 + 15 + 18	06 + 06 + 06 + 12 + 12 + 12
06 + 12 + 24	06 + 06 + 06 + 18	06 + 15 + 18 + 18	12 + 12 + 18 + 24	06 + 06 + 09 + 18 + 18	06 + 09 + 18 + 18 + 18	09 + 12 + 12 + 18 + 18	06 + 06 + 06 + 12 + 12 + 15
06 + 15 + 15	06 + 06 + 06 + 24	06 + 15 + 18 + 24	12 + 15 + 15 + 15	06 + 06 + 09 + 18 + 24	06 + 12 + 12 + 12 + 12	09 + 12 + 15 + 15 + 15	06 + 06 + 06 + 12 + 12 + 18
06 + 15 + 18	06 + 06 + 09 + 09	06 + 15 + 24 + 24	12 + 15 + 15 + 18	06 + 06 + 09 + 24 + 24	06 + 12 + 12 + 12 + 15	09 + 12 + 15 + 15 + 18	06 + 06 + 06 + 12 + 12 + 24
06 + 15 + 24	06 + 06 + 09 + 12	06 + 18 + 18 + 18	12 + 15 + 15 + 24	06 + 06 + 12 + 12 + 12	06 + 12 + 12 + 12 + 18	09 + 15 + 15 + 15 + 15	06 + 06 + 06 + 12 + 15 + 15
06 + 18 + 18	06 + 06 + 09 + 15	06 + 18 + 18 + 24	12 + 15 + 18 + 18	06 + 06 + 12 + 12 + 15	06 + 12 + 12 + 12 + 24	12 + 12 + 12 + 12 + 12	06 + 06 + 06 + 12 + 15 + 18
06 + 18 + 24	06 + 06 + 09 + 18	09 + 09 + 09 + 09	12 + 15 + 18 + 24	06 + 06 + 12 + 12 + 18	06 + 12 + 12 + 15 + 15	12 + 12 + 12 + 12 + 15	06 + 06 + 06 + 12 + 15 + 24
06 + 24 + 24	06 + 06 + 09 + 24	09 + 09 + 09 + 12	12 + 18 + 18 + 18	06 + 06 + 12 + 12 + 24	06 + 12 + 12 + 15 + 18	12 + 12 + 12 + 15 + 18	06 + 06 + 06 + 12 + 18 + 18
09 + 09 + 09	06 + 06 + 12 + 12	09 + 09 + 09 + 15	15 + 15 + 15 + 15	06 + 06 + 12 + 15 + 15	06 + 12 + 12 + 18 + 18	12 + 12 + 12 + 15 + 15	06 + 06 + 06 + 15 + 15 + 15
09 + 09 + 12	06 + 06 + 12 + 15	09 + 09 + 09 + 18	15 + 15 + 15 + 18	06 + 06 + 12 + 15 + 18	06 + 12 + 12 + 18 + 18	12 + 12 + 12 + 15 + 18	06 + 06 + 06 + 15 + 15 + 18
09 + 09 + 15	06 + 06 + 12 + 18	09 + 09 + 09 + 24	15 + 15 + 15 + 24	06 + 06 + 12 + 15 + 24	06 + 12 + 15 + 15 + 18	12 + 12 + 15 + 15 + 15	06 + 06 + 06 + 15 + 18 + 18

