

## PRODUCT GUIDE

### MSZ-GL SINGLE-ZONE HEAT PUMP

*The latest generation of wall-mounted M-Series models is here. Introducing the GL line, the successor to the popular GE models. These models provide enhanced, industry-leading performance for the single-zone ductless product category.*



#### FEATURES INCLUDE:

- Washable long life filters
  - » Nano Platinum filter with deodorizing and anti-bacterial properties.
  - » Anti-allergy Enzyme filter traps dust and reduces germs, bacteria and viruses (except GL24).
- Auto restart and auto cooling/heating changeover.
- Air distribution
  - » Vertical air swing (all units).
  - » Horizontal swing (GL18, GL24 only).
  - » Wide airflow (GL24 only).
- Control functions
  - » Wireless hand-held controller.
  - » 24-hour timer.
  - » Smart Set feature recalls the preset temperature by pressing single button on remote controller (GL06 – GL18 only).
  - » M-Net interface.
- Multiple fan speeds: 5 speeds (GL06 – GL18), 4 speeds (GL24 only).

#### WHAT'S NEW:

- All models ENERGY STAR qualified.
- Quieter than previous GE models.
- Blue Fin anti-corrosion coating on outdoor unit for increased coil protection and longer life.
- New chassis for GL18 (35-5/16" x 12" x 9-3/16").
- New logo treatment on indoor unit.
- Compatible with kumo cloud™ control app and Thermostat Interface.

#### COMPATABILITY:

MSY/Z-GL and MUY/Z-GL models are not compatible with MSY/Z-GE and MUY/Z-GE models.  
MSY/Z-GL and MSY/Z-GE indoor units are compatible with MXZ-C outdoor units.

# SINGLE-ZONE | MSY System

## Cooling Only



Model Name	Indoor Unit		MSY-GL09NA-U1	MSY-GL12NA-U1	MSY-GL15NA-U1	MSY-GL18NA-U1	MSY-GL24NA-U1	
	Outdoor Unit		MUY-GL09NA-U1	MUY-GL12NA-U1	MUY-GL15NA-U1	MUY-GL18NA-U1	MUY-GL24NA-U1	
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	18,000	22,500	
	Capacity Range	Btu/h	3,800 - 12,200	3,800 - 13,600	1,500 - 13,600	5,800-22,000	8,200-31,400	
	Rated Total Input	W	585	920	1,080	1,340	1800	
	Energy Efficiency	SEER	24.6	23.1	21.6	20.5	20.5	
	Moisture Removal	Pints/h	1.5	2.5	2.7	2.1	5.1	
	Sensible Heat Factor		0.820	0.740	0.800	0.870	0.750	
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V *2					
Voltage	Indoor - Outdoor S1 - S2		AC 208 / 230V					
	Indoor - Outdoor S2 - S3		DC ±24V					
	Indoor - Remote Controller		Wireless Type (Optional Wired Controller: DC 12V)					
Indoor Unit	MCA	A	1.0					
	Blower Motor (ECM)	F.L.A.	0.76			0.67	0.76	
	Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi)*1	DRY (CFM)	145-170-237-321-399			205-272-335-420-533	258-332-417-522-646	388-469-544-628-738
		WET (CFM)	109-134-201-286-364			170-237-300-385-498	232-299-375-470-581	347-420-487-562-661
	Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi)*1	dB(A)	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53	
	External Finish Color		Munsell 1.0Y 9.2 / 0.2					
	Dimension Unit	W: In.	31-7/16			36-5/16	43-5/16	
		D: In.	9-1/8			9-13/16	9-3/8	
		H: In.	11-5/8			12	12-13/16	
	Weight Unit	Lbs.	22			28	37	
Field Drainpipe Size O.D.	In.	5/8						
Remote Controller	Type	Select from PAC-WHS01WF-E for kumo cloud™, PAC-US444CN-1, MHK1, PAR-31MAA, or PAC-YT53CRAU Remote Controllers						
Outdoor Unit	MCA	A	7		9	14	17.1	
	MOCP	A	15				20	
	Fan Motor (ECM)	F.L.A.	0.50			0.93		
	Compressor	Model (Type)	DC INVERTER-driven			DC INVERTER-driven Twin Rotary		
		R.L.A.	4.9		6.8	10.0	12.9	
		L.R.A.	6.1		8.5	12.5	16.1	
	Airflow (Cooling)	CFM	1,229/1,172		1,243/1,229	1,691/1,691	1,769/1,701	
	Refrigerant Control		Linear Expansion Valve					
	Sound Pressure Level at Cooling *1	dB(A)	48	49		54	55	
	External Finish Color		Munsell No. 3Y 7.8 / 1.1					
	Dimensions	W: In.	31-1/2			33-1/16		
		D: In.	11-1/4			13		
		H: In.	21-5/8			34-5/8		
Weight	Lbs.	81			121	119		
Refrigerant	Type	R410A						
	Charge	Lbs., Oz.	2, 9			3, 7	4, 3	
	Oil	Type (fl. oz.)	FV50S (0.27)	FV50S (0.35)		FV50S (0.40)		
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2		5/8	
	Liquid Side O.D.	In.	1/4			3/8		
Refrigerant Pipe Length	Height Difference (Max.)	Ft..	40			50		
	Length (Max.)	Ft..	65			100		
Connection Method	Indoor/Outdoor	Flared/Flared						

NOTES: Test conditions are based on AHRI 210/240.

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

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

# SINGLE-ZONE | MSZ System | Heat Pump



Model Name	Indoor Unit		MSZ-GL09NA-U1	MSZ-GL12NA-U1	MSZ-GL15NA-U1	MSZ-GL18NA-U1	MSZ-GL24NA-U1
	Outdoor Unit		MUZ-GL09NA-U8	MUZ-GL12NA-U1	MUZ-GL15NA-U1	MUZ-GL18NA-U1	MUZ-GL24NA-U1
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	18,000	22,400
	Capacity Range	Btu/h	3,600 - 12,200	1,500 - 13,600	3,100 - 18,200	5,800 - 22,000	8,200 - 31,400
	Rated Total Input	W	585	920	1,080	1,340	1,800
	Energy Efficiency	SEER	24.6	23.1	21.6	20.5	20.5
	Moisture Removal	Pints/h	1.5	2.5	2.7	2.1	5.1
	Sensible Heat Factor		0.820	0.740	0.800	0.870	0.750
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	14,400	18,000	21,600	27,600
	Capacity Range	Btu/h	4,500 - 14,100	5,500 - 18,100	4,800 - 20,900	5,400 - 25,000	7,500 - 36,900
	Rated Total Input	W	720	1,100	1,600	1,680	2,340
	HSPF (IV)	Btu/h/W	12.8	12.5	11.7	11.2	10.0
Heating at 17° F *3	Rated Capacity	Btu/h	7,000	12,000	16,400	18,200	24,600
	Rated Total Input	W	620	9,200	12,200	13,800	16,000
	Maximum Capacity	Btu/h	9,400	1,240	1,850	2,150	3,290
Heating at 5° F	Maximum Capacity	Btu/h	7,600	9,700	13,700	14,500	21,160
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V *4				
Voltage	Indoor - Outdoor S1 - S2		AC 208 / 230V				
	Indoor - Outdoor S2 - S3		DC ±24V				
	Indoor - Remote Controller		Wireless Type (Optional Wired Controller: DC12V)				
Indoor Unit	MCA	A	1.0				
	Blower Motor (ECM)	F.L.A.	0.76		0.67	0.76	
	Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	DRY (CFM)	145-170-237-321-399		205-272-335-420-533	259-333-416-523-646	388-469-544-628-738
		WET (CFM)	109-134-201-286-364		170-237-300-385-498	233-300-375-470-581	347-420-487-562-661
	Airflow at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	DRY (CFM)	145-170-237-321-406		205-247-304-367-463	296-384-469-563-646	388-469-544-628-738
	External Static Pressure	In. WG					
	Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	dB(A)	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53
	Sound Pressure Level at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	dB(A)	19-22-30-37-43	19-22-30-37-43	26-30-35-40-46	28-33-38-43-48	32-41-45-49-52
	External Finish Color		Munsell 1.0Y 9.2 / 0.2				
	Dimension Unit	W: In.	31-7/16		36-5/16	43-5/16	
		D: In.	9-1/8		9-13/16	9-3/8	
		H: In.	11-5/8		12	12-13/16	
	Weight Unit	Lbs.	22		28	37	
Field Drainpipe Size O.D.	In.	5/8					
Remote Controller	Type	Select from PAC-WHS01WF-E for kumo cloud™, PAC-US444CN-1, MHK1, PAR-31MAA, or PAC-YT53CRAU Remote Controllers					
Outdoor Unit	MCA	A	9	10	14	17.1	
	MOCP	A	15			20	
	Fan Motor (ECM)	F.L.A.	0.5		0.93		
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary				
		R.L.A.	6.2	6.6	7.4	10.0	12.9
		L.R.A.	7.7	8.2	9.3	12.5	16.1
	Airflow (Cooling/Heating)	CFM	1,229/1,172	1,229 / 1,172	1,243 / 1,229	1,691 / 1,691	1,769 / 1,701
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse Cycle				
	Sound Pressure Level at Cooling *1	dB(A)	48	49	54	55	
	Sound Pressure Level at Heating *2	dB(A)	50	51	55		
	External Finish Color		Munsell No. 3Y 7.8 / 1.1				
	Dimensions	W: In.	31-1/2		33-1/16		
D: In.		11-1/4		13			
H: In.		21-5/8		34-5/8			
Weight	Lbs.	81		121	119		
Refrigerant	Type	R410A					
	Charge	Lbs., Oz.	2, 9		3, 7	4, 3	
	Oil	Type (fl. oz.)	FV50S (0.35)			FV50S (0.40)	
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	5/8	
	Liquid Side O.D.	In.	1/4		3/8		
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40			50	
	Length (Max.)	Ft.	65			100	
Connection Method	Indoor/Outdoor	Flared/Flared					

NOTES: Test conditions are based on AHRI 210/240.

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

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

# MULTI-ZONE | MSZ Indoor Units | Heat Pump

(FOR MXZ-C OUTDOOR UNITS)



Model Name	Indoor Unit		MSZ-GL06NA-U1	MSZ-GL09NA-U1	MSZ-GL12NA-U1	MSZ-GL15NA-U1	MSZ-GL18NA-U1	MSZ-GL24NA-U1
Cooling *1	Rated Capacity	Btu/h	6,000	9,000	12,000	14,000	17,200	22,400
Heating at 47° F *2	Rated Capacity	Btu/h	7,200	10,900	14,400	18,000	21,600	27,600
Power Supply	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V *3					
Voltage	Indoor - Outdoor S1 - S2		AC 208 / 230V					
	Indoor - Outdoor S2 - S3		DC ±24V					
	MCA	A	1.0					
Fan	Blower Motor	F.L.A.	0.76			0.67	0.76	
	Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	DRY (CFM)	145-170-237-321-399	145-170-237-321-399		205-272-335-420-533	259-333-416-523-646	388-469-544-628-738
		WET (CFM)	109-134-201-286-364	109-134-201-286-364		170-237-300-385-498	233-300-375-470-581	347-420-487-562-661
Airflow at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	DRY (CFM)	145-170-237-321-406	145-170-237-321-406		205-247-304-367-463	296-384-469-563-646	388-469-544-628-738	
Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	dB(A)	19-22-30-37-43	19-22-30-37-45		26-32-38-44-49	28-33-38-44-49	34-41-45-49-53	
Sound Pressure Level at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	dB(A)	19-22-30-37-43	19-22-30-37-43		26-30-35-40-46	28-33-38-43-48	32-41-45-49-52	
External Finish Color	Munsell 1.0Y 9.2 / 0.2							
Dimension Unit	W: In.	31-7/16				36-5/16	43-5/16	
	D: In.	9-1/8				9-13/16	9-3/8	
	H: In.	11-5/8				12	12-13/16	
Weight Unit	Lbs.	22				28	37	
Field Drainpipe Size O.D.	In.	5/8						
Remote Controller	Type	Select from PAC-WHS01WF-E for kumo cloud™, PAC-US444CN-1, MHK1, PAR-31MAA, or PAC-YT53CRAU Remote Controllers						
Refrigerant	Type	R410A						
Refrigerant Pipe	Gas Side O.D.	In.	3/8			1/2	5/8	
	Liquid Side O.D.	In.	1/4				3/8	
Connection Method	Indoor/Outdoor	Flared/Flared						

NOTES: Test conditions are based on AHRI 210/240.

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

Specifications are subject to change without notice.

LIMITED WARRANTY | Seven-year warranty on compressor. Five-year warranty on parts.

For data on specific indoor unit combinations, visit [www.mitsubishipro.com/multizone](http://www.mitsubishipro.com/multizone).



MAKE COMFORT *Personal*™

For more information visit  
[www.mitsubishipro.com](http://www.mitsubishipro.com)



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