

# Mr. SLIM®

## M-Series | MSY-GL



### MSY-GL AIR CONDITIONERS

FOR RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

The MSY-GL line of air conditioners is ENERGY STAR® certified and offers efficiency up to 24.6 SEER. VCSi INVERTER ductless indoor AC unit operates quietly and efficiently to provide comfort in rated capacities from 9,000 to 22,500 Btu/h cooling.



#### ENERGY EFFICIENT & QUIET:

- ▶ Up To 24.6 SEER & 15.4 EER
- ▶ Zone Control - Put cool air where you want it.
- ▶ Indoor sound level as low as 19 dB(A)
- ▶ Blue fin Condenser - Anti-corrosion treatment to maintain efficiency and performance.

#### COMFORTABLE & CONVENIENT:

- ▶ Wireless Remote Control
- ▶ Multi-Part Filter System - Reduces odours, allergens, viruses and bacteria from the air.
- ▶ Powerful Mode Function - Quickly brings room to desired comfort level.
- ▶ 5 Models Available

#### RELIABLE PERFORMANCE:

- ▶ VCSi INVERTER Technology
- ▶ Self-Check Function - Onboard diagnostics.
- ▶ Automatic Restart - Following a power outage

 **MITSUBISHI  
ELECTRIC**  
Heating and Cooling

# ■ PERFORMANCE SPECIFICATIONS

Model Name	Indoor Unit		MSY-GL09NA	MSY-GL12NA	MSY-GL15NA	MSY-GL18NA	MSY-GL24NA	
	Outdoor Unit		MUY-GL09NA	MUY-GL12NA	MUY-GL15NA	MUY-GL18NA	MUY-GL24NA	
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	18,000	22,500	
	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	EER/SEER	15.4/24.6	13/23.1	13/21.6	13.4/20.5	12.5/20.5	
	Moisture Removal	Pints/h	1.5	2.5	2.7	2.1	5.1	
Power Supply *2	Phase, Cycle, Voltage	Btu/h	1 Phase, 60Hz, 208/230V					
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)	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)	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: mm	31-7/16			36-5/16	43-5/16	
		D: mm	9-1/8			9-13/16	9-3/8	
		H: mm	11-5/8			12	12-13/16	
	Weight Unit	Lbs.	22			28	37	
Field Drainpipe Size O.D.	In.	5/8						
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 (Lo-Med-Hi)	CFM	639/1,102			922/1,742	890/1,769/2,016	
	Sound Pressure Level at Cooling	dB(A)	48		49	54	55	
	External Finish Color		Munsell No. 3Y 7.8 / 1.1					
	Dimensions	W: mm	31 1/2			33 1/16		
D: mm		11 1/4			13			
H: mm		21 5/8			34 5/8			
Weight	kg	81			121	119		
Refrigerant	Type	R410A						
	Charge	Lbs., Oz.	2.9			3.9	4.3	
	Oil	Type (fl. oz.)	FV50S (9.1)	FV50S (11.8)		FV50S (13.5)		
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.

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