

# INTRODUCING THE NEW JP SERIES 115V

**Mr. SLIM**  
M-Series | MSZ-JP

## ▶ PRODUCT OVERVIEW

The **NEW JP Series** is a 115v heat pump which may be connected to dedicated (15 or 20A) electrical circuits providing significant savings in installation costs. Perfect for add on rooms, spot heating and cooling and the replacement of window air conditioners. This product comes standard with a remote controller and remote control holder.

## > EASE OF INSTALLATION

Can be installed quickly in limited spaces for fast, affordable installation.

## > ENERGY EFFICIENCY

### VCSi Technology

Efficiency: 17.0 SEER/9.0 HSPF. At the heart of the JP Series is our Variable Compressor Speed Inverter Technology. By maintaining a consistent temperature using only the power required, your customers will be provided with increased comfort at a reduced cost.

## > FILTER

Blue fin coating on outdoor unit for increased coil protection and longer life. Washable air filter, dust and allergen control without the expense of replacement filters. Optional anti-allergy enzyme filter improves air quality and helps to reduce allergy symptoms.

## > MULTIPLE CONTROL OPTIONS

Hand-held Remote Controller (provided with unit). Third-party interface options and wired or wireless controllers.

## > QUIET OPERATION

Both the outdoor and indoor units operate quietly. The indoor units can operate as low as 22 dB(A) — that's as quiet as a human whisper.

## JP SERIES 115 VOLT SYSTEMS

MSZ/MUZ-JP 09/12 SERIES UNIT



Cooling operation range: -10° C to 46° C  
Heating operation range: -20° C to 24° C

 **MITSUBISHI  
ELECTRIC**  
Heating and Cooling

Model Name	Indoor Unit		MSZ-JP09WA		MSZ-JP12WA		
	Outdoor Unit		MUZ-JP09WA		MUZ-JP12WA		
Cooling <sup>1</sup>	Rated Capacity	Btu/h	9,000		12,000		
	Rated Power Input	W	750		1,210		
	Capacity Range	Btu/h	3,800-10,000		3,800-12,200		
	Energy Efficiency	EER/SEER	12/17		8.9/17		
	Moisture Removal	Pints/h	1.5		2.5		
Heating at 8° C *2	Rated Capacity	Btu/h	10,900		12,200		
	Rated Power Input	W	900		990		
	Capacity Range	Btu/h	4,500 - 11,800		4,500 - 14,500		
	HSPF (Region IV)				9.0		
Heating at -8° C *3	Rated Capacity	Btu/h	6,700		7,600		
	Rated Power Input	W	700		800		
	Maximum Capacity	Btu/h	7,200		9,000		
Heating at -15° C *3	Rated Capacity	Btu/h	5,180		5,800		
	Rated Power Input	W	510		560		
	Maximum Capacity	Btu/h	6,000		7,500		
Heating at -20° C	Rated Capacity	Btu/h	3,150		3,500		
	Rated Power Input	W	360		400		
	Maximum Capacity	Btu/h	4,600		5,950		
Power Supply *4	Phase, Cycle, Voltage		115V, 1 phase, 60Hz				
Voltage	Indoor-Remote Controller		Wireless Type				
Max Fuse Size			15		20		
Indoor Unit	MCA	A	1.4				
	Blower Motor (ECM)	F.L.A.	1.07				
	Airflow at Cooling (Lo — Med — Hi — Superhi) *1	DRY (CFM)	170-237-321-399				
		WET (CFM)	134-201-286-364				
	Airflow at Heating (Lo — Med — Hi — Superhi) *2	DRY (CFM)	170-237-321-406				
	Sound Pressure Level (Cooling) (Lo — Med — Hi — Superhi) *1	dB(A)	22-30-37-43		22-30-37-45		
			22-30-37-43				
External Finish Color	Munsell No. 1.0Y 9.2 / 0.2						
Outdoor Unit	MCA	A	12		14		
	MOCP	A	15		20		
	Fan Motor (ECM)	F.L.A.	0.7				
	Compressor	CFM COOL Model (Type)	DC INVERTER-driven				
		R.L.A.	8.8		10.4		
		L.R.A.	11.0		13.0		
	Airflow (L,M,H)	CFM	COOL	1063-1105-1105			
			HEAT	1105-1105-1282			
	Refrigerant Control	Linear Expansion Valve					
	Defrost Method	Reverse Cycle					
	Sound Pressure Level at Cooling *1	F.L.A.	46		49		
	Sound Pressure Level at Cooling *2	F.L.A.	50		51		
	Refrigerant Control						
	External Finish Color	Munsell No. 3Y 7.8/1/1					
	Dimensions	WxDxH	In.	31-1/2 x 11-1/4 x 21-5/8			
Weight	Lbs.		73				
Refrigerant	Type	R410A					
	Charge	Lbs., Oz.		1 lb, 12 oz			
	Oil	Type (Fl. Oz.)		FV50S (9.1)			
Refrigerant Pipe	Gas Side O.D.	In.	3/8				
	Liquid Side O.D.		1/4				
	Height Difference (Max.)	Ft.	40				
	Length (Max.)		65				
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.



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