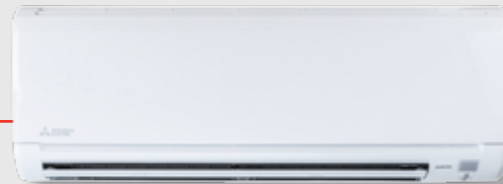


## HM INDOOR UNITS “PRO LINE”

### PRODUCT LAUNCH GUIDE



#### Product Overview

The new Pro Line family of residential systems offers a high-quality, low cost wall-mounted unit that provides Zoned Comfort Solutions™ at an affordable price. These indoor units offer variable fan speeds with auto changeover.

#### Features and Benefits

- ▶ Single-zone heat pump systems: 9, 12, 15, 18, 24 kBtu/h
- ▶ Efficiency: 18 SEER/8.5 HSPF
- ▶ Blue fin coating on outdoor unit for increased coil protection and longer life
- ▶ Four-fan speeds
- ▶ Anti-mold filter
- ▶ INVERTER-driven heat pump
- ▶ Cooling operation range: 14° F to 115° F
- ▶ Heating operation range: 5° F to 75° F
- ▶ Hand held remote controller
- ▶ 12-hour timer
- ▶ ECONO COOL mode
- ▶ Auto restart

Model Name	Indoor Unit		MSZ-HM09NA	MSZ-HM12NA	MSZ-HM15NA	MSZ-HM18NA	MSZ-HM24NA	
	Outdoor Unit		MUZ-HM09NA2	MUZ-HM12NA2	MUZ-HM15NA2	MUZ-HM18NA2	MUZ-HM24NA2	
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	17,200	22,500	
	Capacity Range	Btu/h	3,800-10,000	3,800-12,200	3,100-16,000	5,800-18,000	5,800-22,500	
	Rated Total Input	W	750	1210	1170	1640	2,630	
	Energy Efficiency	SEER	18.0	18.0	18.0	18.0	18.0	
	Moisture Removal	Pints/h	1.5	2.5	2.7	2.1	2.3	
	Sensible Heat Factor		0.82	0.77	0.780	0.860	0.870	
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	12,200	18,000	18,000	26,000	
	Capacity Range	Btu/h	4,500-11,800	4,500-14,500	4,800-18,500	5,400-20,900	5,400-26,000	
	Rated Total Input	W	900	990	1,600	1,590	2,500	
	HSPF (IV)	Btu/h/W	8.5	8.5	8.5	8.5	8.5	
Heating at 17° F *3	Rated Capacity	Btu/h	6,700	7,600	11,500	11,500	18,500	
	Rated Total Input	W	700	800	1,320	1,300	2,300	
	Maximum Capacity	Btu/h	7,200	9,000	14,000	15,000	18,500	
Heating at 5° F	Maximum Capacity	Btu/h	6,000	7,500	11,800	12,700	15,000	
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					
Indoor Unit	MCA	A	1.0					
	Blower Motor (ECM)	F.L.A.	0.76			0.67		
	Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	DRY (CFM)	170-237-321-399		272-335-420-533		328-431-530-625	
		WET (CFM)	134-201-286-364		237-300-385-498		295-388-477-562	
	Airflow at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	DRY (CFM)	170-237-321-406		247-304-367-463		307-431-530-625	
		WET (CFM)	134-201-286-364		237-300-385-498		295-388-477-562	
	Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	dB(A)	22-30-37-43		32-38-44-49		30-37-42-47	
	Sound Pressure Level at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	dB(A)	22-30-37-43		30-35-40-46		30-37-42-47	
	External Finish Color		Munsell 1.0Y 9.2 / 0.2					
	Dimension Unit	W: In.	31-7/16			36-5/16		
		D: In.	9-1/8			9-13/16		
		H: In.	11-5/8			12		
	Weight Unit	Lbs.	22			28		
Field Drainpipe Size O.D.	In.	5/8						
Outdoor Unit	MCA	A	12		10		14	
	MOCP	A	15					
	Fan Motor (ECM)	F.L.A.	0.5			0.93		
	Compressor	Model Type		DC INVERTER-driven Twin Rotary				
		R.L.A.	6.6		7.4		10	
		L.R.A.	8.2		9.3		12.5	
	Airflow (Cooling / Heating)	CFM	1,151 / 1,225		1,243 / 1,229		1,691 / 1,691	
	Refrigerant Control		Linear Expansion Valve					
	Defrost Method		Reverse Cycle					
	Sound Pressure Level at Cooling *1	dB(A)	46		49		54	
	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.	73		81		121		
Refrigerant	Type		R410A					
	Charge	Lbs., Oz.	1, 12		2, 9		2, 10	
	Oil	Type (fl. oz.)	NE022 (10.8)			FV50S (11.8)		
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 | Five years parts and seven years compressor.