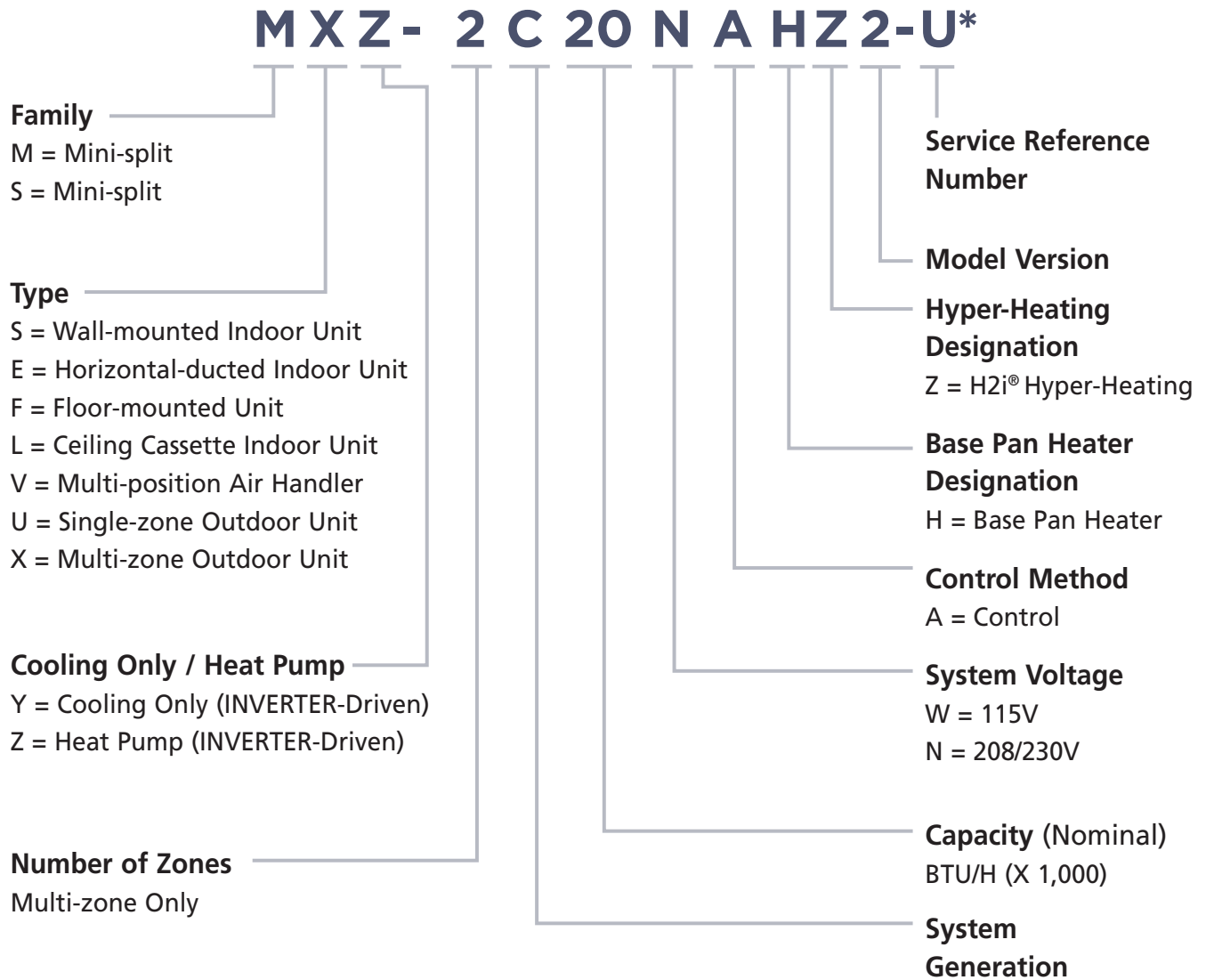


M-Series Model Reference Guide

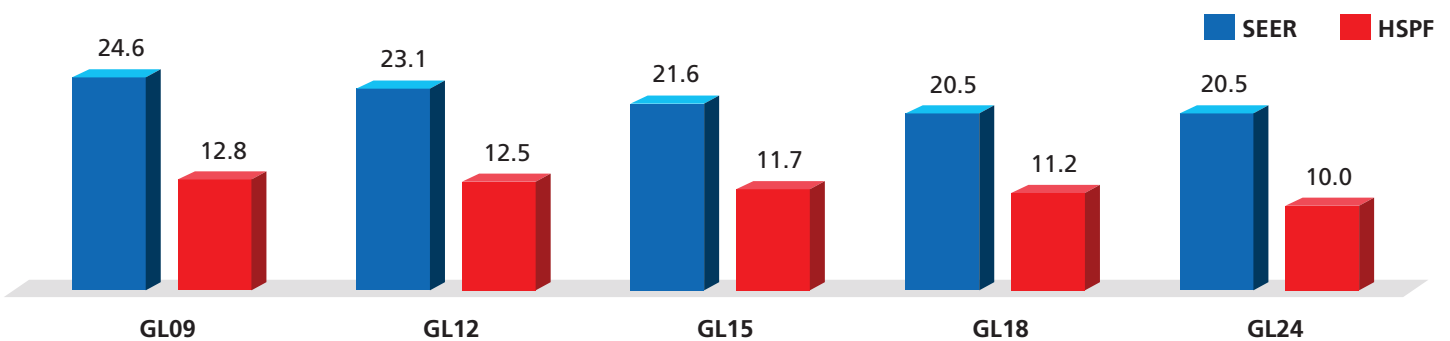


- Designed for residential applications
- User-friendly zoned cooling and heating solutions for single- or multi-room applications or the whole home
- Hyper-Heating INVERTER® (H2i®) outdoor units can provide high heating performance at lower ambient temperatures
- Many ENERGY STAR® certified models



MSY/MSZ-GL Model MSY/MSZ-D Model

Standard Wall Mount



Large Range of Capacities

The MSY/MSZ-GL and MSY/MSZ-D wall-mounted indoor units offer our highest design flexibility. Combinations include single-zone (cooling only or heat pump) and multi-zone (heat pump or hyper-heating heat pump) systems. A large selection of sizes ranges from 6,000 to 36,000 BTU/H.



MSZ-GL06/09/12/15NA
MSY-GL09/12/15NA



MSZ/MSY-GL18NA



MSZ/MSY-GL24NA



MSZ/MSY-D30/36NA

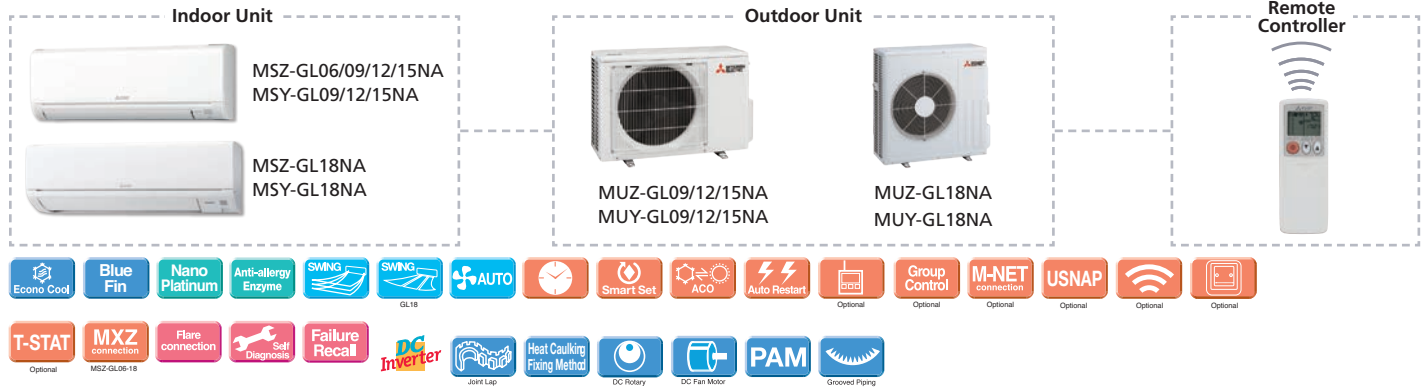
Compact Design

Slim and compact indoor units provide enhanced, industry-leading performance for cooling and heating.



All MSY-GL and MSZ-GL single-zone systems are ENERGY STAR® certified.

MSZ/MSY-GL Model



Indoor Unit				MSY-GL09NA	MSY-GL12NA	MSY-GL15NA	MSY-GL18NA	MSY-GL24NA	MSY-D30NA	MSY-D36NA
Outdoor Unit				MUY-GL09NA	MUY-GL12NA	MUY-GL15NA	MUY-GL18NA	MUY-GL24NA	MUY-D30NA	MUY-D36NA
Cooling	Capacity	Rated ¹	BTU/H	9,000	12,000	14,000	18,000	22,500	30,700	34,600
	Capacity Range	Min-Max	BTU/H	3,600-12,200	1,500-13,600	3,100-18,200	5,800-22,000	8,200-31,400	9,800-30,600	9,800-34,600
	Power Input	Rated ¹	W	585	209	1,080	1,340	1,800	3,380	4,249
	Moisture Removal	Pints/h		1.5	2.5	2.7	2.1	5.1	9.9	11.9
	Sensible Heat Factor			0.820	0.770	0.780	0.870	0.750	0.640	0.620
Heating	Capacity at 47°F	Rated	BTU/H	—	—	—	—	—	—	—
	Capacity Range	Min-Max	BTU/H	—	—	—	—	—	—	—
	Power Input at 47°F	Rated	W	—	—	—	—	—	—	—
	Capacity at 17°F	Rated	BTU/H	—	—	—	—	—	—	—
		Max	BTU/H	—	—	—	—	—	—	—
	Capacity at 5°F	Max	BTU/H	—	—	—	—	—	—	—
	Capacity at -5°F	Max	BTU/H	—	—	—	—	—	—	—
Efficiency	SEER			24.6	23.1	21.6	20.5	20.5	16.0	15.1
	EER			15.4	13.0	13.0	13.4	12.5	9.1	8.2
	HSPF			—	—	—	—	—	—	—
	COP			—	—	—	—	—	—	—
	ENERGY STAR® Certified			Yes	Yes	Yes	Yes	Yes	No	No
Indoor Unit	Air Flow Rate - Cooling (Quiet-Lo-Med-Hi-SHi)	Dry	CFM	145-170-237-321-399	145-170-237-321-399	205-272-335-420-533	258-332-417-522-646	388-469-544-628-738	389-639-848-887	389-639-848-887
	Air Flow Rate - Cooling (Quiet-Lo-Med-Hi-SHi)	Wet	CFM	109-134-201-286-364	109-134-201-286-364	170-237-300-385-498	232-299-375-470-581	347-420-487-562-661	350-576-763-798	350-576-763-798
	Air Flow Rate - Heating (Quiet-Lo-Med-Hi-SHi)	Dry	CFM	—	—	—	—	—	—	—
	Sound Pressure Level (Quiet-Lo-Med-Hi-SHi)	Cooling	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	32-42-49-51	32-42-49-51
	Sound Pressure Level (Quiet-Lo-Med-Hi-SHi)	Heating	dB(A)	—	—	—	—	—	—	—
	External Static Pressure	In. W.G.		—	—	—	—	—	—	—
	Condensate Lift Mechanism	In. [mm]		—	—	—	—	—	—	—
	Dimensions	H	In. [mm]	11-5/8 [295]	11-5/8 [295]	11-5/8 [295]	12 [305]	12-13/16 [325]	14-3/8 [365]	14-3/8 [365]
		W	In. [mm]	31-7/16 [798]	31-7/16 [798]	31-7/16 [798]	36-5/16 [923]	43-5/16 [1100]	46-1/16 [1170]	46-1/16 [1170]
		D	In. [mm]	9-1/8 [232]	9-1/8 [232]	9-1/8 [232]	9-13/16 [250]	9-3/8 [238]	11-5/8 [295]	11-5/8 [295]
Outdoor Unit	Weight	Lbs [kg]		22 [10.0]	22 [10.0]	22 [10.0]	28 [13.0]	37 [17.0]	40 [18.0]	40 [18.0]
	MCA	A		7.0	7.0	9.0	14.0	17.1	21.0	21.0
	MOCP	A		15	15	15	15	20	25	25
	Dimensions	H	In. [mm]	21-5/8 [550]	21-5/8 [550]	21-5/8 [550]	34-5/8 [880]	34-5/8 [880]	33-7/16 [850]	33-7/16 [850]
		W	In. [mm]	31-1/2 [800]	31-1/2 [800]	31-1/2 [800]	33-1/16 [840]	33-1/16 [840]	33-1/16 [840]	33-1/16 [840]
		D	In. [mm]	11-1/4 [286]	11-1/4 [286]	11-1/4 [286]	13 [330]	13 [330]	13 [330]	13 [330]
	Weight	Lbs [kg]		81 [37]	81 [37]	81 [37]	121 [55]	119 [54]	126 [57]	126 [57]
	Air Flow Rate (Cooling/Heating)	CFM		1229/—	1229/—	1243/—	1691/—	1769/—	1941/—	1941/—
	Sound Pressure Level	Cooling	dB(A)	48	49	49	54	55	55	56
		Heating	dB(A)	—	—	—	—	—	—	—
Piping	Diameter	Gas (O.D.)	In. [mm]	3/8 [9.52]	3/8 [9.52]	1/2 [12.7]	1/2 [12.7]	5/8 [15.88]	5/8 [15.88]	5/8 [15.88]
		Liquid (O.D.)	In. [mm]	1/4 [6.35]	1/4 [6.35]	1/4 [6.35]	1/4 [6.35]	3/8 [9.52]	3/8 [9.52]	3/8 [9.52]
		Indoor Drain	In. [mm]	5/8 [15.88]	5/8 [15.88]	5/8 [15.88]	5/8 [15.88]	5/8 [15.88]	5/8 [15.88]	5/8 [15.88]
	Max. Length	ft [m]		65 [20]	65 [20]	65 [20]	100 [30]	100 [30]	100 [30]	100 [30]
	Max. Height	ft [m]		40 [12]	40 [12]	40 [12]	50 [15]	50 [15]	50 [15]	50 [15]
Electrical	Outdoor-Indoor ⁵	V, ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
	Recommended Breaker Size	A		15	15	15	15	20	25	25
Refrigerant Type				R410A	R410A	R410A	R410A	R410A	R410A	R410A
Guaranteed Temperature Operation Range	Cooling ⁶	°F DB [°C DB]		14 to 115 [-10.0 to 46.0]	14 to 115 [-10.0 to 46.0]	14 to 115 [-10.0 to 46.0]	14 to 115 [-10.0 to 46.0]	14 to 115 [-10.0 to 46.0]	14 to 115 [-10.0 to 46.0]	14 to 115 [-10.0 to 46.0]
	Heating	°F DB [°C DB]		—	—	—	—	—	—	—

Notes:
 AHRI Rated Conditions
 (Rated data is determined at a fixed compressor speed)
¹Indoor units receive power from outdoor units through field-supplied interconnected wiring.
⁵Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.