

# MXZ-DM SERIES

INVERTER MULTI



Type (Inverter Multi - Split Heat Pump)				Up to 2 Indoor Units		Up to 3 Indoor Units		
Indoor Unit						Please refer to (*4)		
Outdoor Unit				MXZ-2DM40VA		MXZ-3DM50VA		
Refrigerant				R410A*1				
Power Source				Outdoor power supply				
Supply Outdoor (V/Phase/Hz)				230 / Single / 50				
Cooling	Capacity	Rated	kW	4.0		5.0		
	Input*4	Rated	kW	1.05		1.13		
	EER*4			3.81		4.42		
		EEL Rank*4		A		A		
	Design Load		kW	4.0		5.0		
	Annual Electricity Consumption*2		kWh/a	226		283		
	SEER*4			6.1		6.1		
		Energy Efficiency Class*4		A++		A++		
	Heating (Average Season)	Capacity	Rated	kW	4.3		6.0	
		Input	Rated	kW	1.16		1.31	
COP*4				3.71		4.58		
		EEL Rank*4		A		A		
Design Load			kW	3.2		4.0		
Declared Capacity		at reference design temperature		kW	2.73		3.34	
		at bivalent temperature		kW	3.01		3.73	
		at operation limit temperature		kW	2.27		2.70	
Back Up Heating Capacity			kW	0.47		0.66		
Annual Electricity Consumption*2			kWh/a	1105		1455		
SCOP*4			4.0		3.8			
	Energy Efficiency Class*4		A+		A			
Operating Current (max)				A	12.2	A	18.0	
Outdoor Unit	Dimensions		H x W x D	mm	550 - 800 (+69) - 285 (+59.5)	710 - 840 (+30) - 330 (+66)		
	Weight			kg	32	57		
	Air Volume	Cooling		m <sup>3</sup> /min	29.2	37.5		
		Heating		m <sup>3</sup> /min	31.9	39.6		
	Sound Level (SPL)	Cooling		dB(A)	48	50		
		Heating		dB(A)	52	53		
	Sound Level (PWL)	Cooling		dB(A)	63	64		
	Operating Current	Cooling		A	5.1	5.0		
		Heating		A	5.6	5.8		
	Breaker Size			A	15	25		
Ext. Piping	Port Diameter		Liquid / Gas	mm	6.35 x 2 / 9.52 x 2	6.35 x 3 / 9.52 x 3		
	Total Piping Length (max)			m	30	50		
	Each Indoor Unit Piping Length (max)			m	20	25		
	Max. Height			m	15 (10)*3	15 (10)*3		
	Chargeless Length			m	20	40		
Guaranteed Operating Range [Outdoor]				Cooling	°C	-10 ~ +46		
				Heating	°C	-15 ~ +24		

\*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO<sub>2</sub> over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

\*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

\*3 If the outdoor unit is installed higher than the indoor unit, max height is reduced to 10m.

\*4 EER/COP, EEL rank, SEER/SCOP values and energy efficiency class are measured when connected to the indoor units listed below.

MXZ-2DM40VA MSZ-DM25VA + MSZ-DM25VA

MXZ-3DM50VA MSZ-DM25VA + MSZ-DM25VA + MSZ-DM25VA