

MXZ SERIES

INVERTER MULTI



Type (Inverter Multi - Split Heat Pump)			Up to 2 Indoor Units				Up to 3 Indoor Units			Up to 4 Indoor Units			Up to 5 Indoor Units
Indoor Unit			Please refer to *3										
Outdoor Unit			MXZ-2F33VF5	MXZ-2F42VF5	MXZ-2F53VF5	MXZ-2F53VFH5	MXZ-3F54VF5	MXZ-3F68VF5	MXZ-4F72VF5	MXZ-4F80VF5	MXZ-4F83VF3	MXZ-5F102VF3	
Refrigerant			R32										
Power Supply			Outdoor power supply										
Source			220 - 230 - 240V / Single / 50Hz										
Cooling	Capacity	Rated	kW	3.3	4.2	5.3	5.4	6.8	7.2	8.0	8.3	10.2	
		Min - Max	kW	1.1 - 3.8	1.1 - 4.4	1.1 - 5.6	2.9 - 6.8	2.9 - 8.4	3.7 - 8.8	3.7 - 9.0	3.7 - 9.2	3.9 - 11.0	
	Input	Rated	kW	0.85	0.98	1.40	1.32	1.84	1.85	2.25	1.97	2.80	
	Design Load		kW	3.3	4.2	5.3	5.4	6.8	7.2	8.0	8.3	10.2	
	Annual Electricity Consumption*1		kWh/a	189	169	216	222	301	311	368	342	436	
	SEER*3			6.1	8.7	8.6	8.5	7.9	8.1	7.6	8.5	8.2	
	Energy Efficiency Class*3			A++		A+++			A++		A+++	A++	
Heating	Capacity	Rated	kW	4.0	4.5	6.4	7.0	8.6	8.8	9.3	10.5		
		Min - Max	kW	1.0 - 4.1	1.0 - 4.8	1.0 - 7.0	2.6 - 9.0	2.6 - 10.6	3.4 - 10.7	3.4 - 11.0	3.4 - 11.6	4.1 - 14.0	
	Input	Rated	kW	0.91	0.88	1.56	1.40	1.91	1.87	2.00		2.28	
	Design Load		kW	2.7		3.5	5.2	6.8		7.0		7.4	
	Declared Capacity	at reference design temperature	kW	2.2		2.7	4.2	5.7		5.6		5.9	
		at bivalent temperature	kW	2.4		2.9	4.8	6.4		6.2		6.4	
		at operation limit temperature	kW	1.6		2.3	3.2	4.6		4.8		4.9	
	Back Up Heating Capacity		kW	0.5		0.8	1.0	1.1		1.4		1.5	
	Annual Electricity Consumption*1		kWh/a	944		1065	1089	1583	2321		2389	2087	2205
	SCOP*3			4.0		4.6	4.5	4.6		4.1		4.7	
	Energy Efficiency Class*3			A+		A++	A+	A++		A+		A++	
Max. Operating Current (Indoor+Outdoor)			A	10.0		12.2			18.0			21.4	
Outdoor Unit	Dimensions		H*W*D	mm	550 - 800 (+69) - 285 (+59.5)				710 - 840 - 330 (+66)			796 - 950 - 330	
	Weight		kg	33		37	38	58		59		61	
	Air Volume	Cooling	m³/min	30.8	28.4		32.7	31		35.4	40.3	57	63
		Heating	m³/min	32.3	33.5		34.7	31	39.6	42.7	44.1	62	75
	Sound Level (SPL)	Cooling	dB(A)	49	44		46		48	50	49	52	
		Heating	dB(A)		50		51	50	53	54	55	51	56
	Sound Level (PWL)		dB(A)	60	59		61	60		63	65	61	65
Breaker Size			A		15			25					
Ext. Piping	Port Diameter	Liquid	mm	6.35 × 2				6.35 × 3		6.35 × 4		6.35 × 5	
		Gas	mm	9.52 × 2				9.52 × 3		12.7 × 1+9.52 × 3		12.7 × 1+9.52 × 4	
	Total Piping Length (max)		m	20		30	50		60		70	80	
	Each Indoor Unit Piping Length (max)		m	15		20			25				
	Max. Height		m	10		15 (10)*2			15 (10)*2			15	
	Chargeless Length		m	20		30	50		60		70	80	
	Guaranteed Operating Range [Outdoor]		Cooling	°C					-10 ~ +46				
		Heating	°C	-15 ~ +24				-20 ~ +24		-15 ~ +24			
Refrigerant/GWP							R32/675*4				R32/675*3		
Pre-Charged Quantity		Weight	kg	0.8		1.0					2.4		
		CO ₂ equivalent	t	0.54		0.68					1.62		
Max Added Quantity		Weight	kg	0.8		1.0					2.4		
		CO ₂ equivalent	t	0.54		0.68					1.62		

Type (Inverter Multi - Split Heat Pump)				Up to 6 Indoor Units	
Indoor Unit				Please refer to *3	
Outdoor Unit				MXZ-6F120VF3	
Refrigerant				R32	
Power Supply				Outdoor power supply	
Source				220 - 230 - 240V / Single / 50Hz	
Cooling	Capacity	Rated	kW	12.0	
		Min - Max	kW	3.5 - 14.0	
	Input	Rated	kW	3.60	
	Design Load		kW	12.0	
	Annual Electricity Consumption*1		kWh/a	612	
	SEER*3			6.8	
			Energy Efficiency Class*3	A++	
Heating	Capacity	Rated	kW	14.0	
		Min - Max	kW	3.5 - 16.5	
	Input	Rated	kW	3.31	
	Design Load		kW	8.1	
	Declared Capacity	at reference design temperature	kW	6.9	
		at bivalent temperature	kW	7.6	
		at operation limit temperature	kW	5.7	
	Back Up Heating Capacity		kW	1.2	
	Annual Electricity Consumption*1		kWh/a	2794	
	SCOP*3			4.0	
		Energy Efficiency Class*3	A+		
Max. Operating Current (Indoor+Outdoor)				A	
				29.8	
Outdoor Unit	Dimensions		H*W*D	mm	
				1048 - 950 - 330	
	Weight		kg	87	
	Air Volume	Cooling	m³/min	63	
		Heating	m³/min	77	
	Sound Level (SPL)	Cooling	dB(A)	55	
		Heating	dB(A)	57	
	Sound Level (PWL)		Cooling	dB(A)	69
Breaker Size		A	32		
Ext. Piping	Port Diameter	Liquid	mm	6.35 × 6	
		Gas	mm	12.7 × 1 + 9.52 × 5	
	Total Piping Length (max)		m	80	
	Each Indoor Unit Piping Length (max)		m	25	
	Max. Height		m	15	
	Chargeless Length		m	80	
	Guaranteed Operating Range [Outdoor]		Cooling	°C	-10 ~ +46
		Heating	°C	-15 ~ +24	
Refrigerant/GWP				R32/675*4	
Pre-Charged Quantity		Weight	kg	2.4	
		CO ₂ equivalent	t	1.62	
Max Added Quantity		Weight	kg	2.4	
		CO ₂ equivalent	t	1.62	

*1 Energy consumption based on standard test results.

Actual energy consumption will depend on how the appliance is used and where it is located.

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

*3 SEER/SCOP values and energy efficiency class are measured when connected to the indoor units listed below.

MXZ-2F33VF5	MSZ-AY15VGKIP2 + MSZ-LN18VG3
MXZ-2F42VF5	MSZ-LN18VG3 + MSZ-LN25VG3
MXZ-2F53VF(H)5	MSZ-LN18VG3 + MSZ-LN35VG3
MXZ-3F54VF5	MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN18VG3
MXZ-3F68VF5	MSZ-LN18VG3 + MSZ-LN25VG3 + MSZ-LN25VG3
MXZ-4F72VF5	MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN18VG3
MXZ-4F80VF5	MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN25VG3
MXZ-4F83VF3	MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN25VG3 + MSZ-LN25VG3
MXZ-5F102VF3	MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN25VG3 + MSZ-LN25VG3
MXZ-6F120VF3	MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN25VG3 + MSZ-LN25VG3 + MSZ-LN25VG3

*4 This GWP value is based on Regulation(EU) No 517/2014 from IPCC 4th edition.