



Type (Inverter Multi - Split Heat Pump)			Up to 2 Indoor Units				Up to 3 Indoor Units		Up to 4 Indoor Units			
Indoor Unit			Please refer to *4									
Outdoor Unit			MXZ-2F33VF3	MXZ-2F42VF3	MXZ-2F53VF3	MXZ-2F53VFH3	MXZ-3F54VF3	MXZ-3F68VF3	MXZ-4F72VF3	MXZ-4F80VF3		
Refrigerant			R32*1									
Power Supply	Source		Outdoor power supply									
	Outdoor (V/Phase/Hz)		220 - 230 - 240V / Single / 50Hz									
Cooling	Capacity	Rated	kW	3.3	4.2	5.3	5.3	5.4	6.8	7.2	8.0	
	Input	Rated	kW	0.85	0.98	1.40	1.40	1.32	1.84	1.85	2.25	
	EER*2			3.88	4.29	3.79	3.79	4.10	3.70	3.89	3.56	
	Design Load			kW	3.3	4.2	5.3	5.3	5.4	6.8	7.2	8.0
	Annual Electricity Consumption*2			kWh/a	189	169	216	216	222	301	311	368
	SEER*4				6.1	8.7	8.6	8.6	8.5	7.9	8.1	7.6
Heating (Average Season)			Energy Efficiency Class*4	A++	A+++	A+++	A+++	A+++	A++	A++	A++	
	Capacity	Rated	kW	4.0	4.5	6.4	6.4	7.0	8.6	8.6	8.8	
	Input	Rated	kW	0.91	0.88	1.56	1.56	1.40	1.91	1.87	2.00	
	COP*4			4.40	5.11	4.10	4.10	5.00	4.50	4.60	4.40	
	Design Load			kW	2.7	3.5	3.5	3.5	5.2	6.8	7.0	7.0
	Declared Capacity	at reference design temperature		kW	2.2	2.7	2.7	2.7	4.2	5.7	5.6	5.6
		at bivalent temperature		kW	2.4	2.9	2.9	2.9	4.7	6.4	6.2	6.2
	Back Up Heating Capacity	at operation limit temperature		kW	1.6	2.3	2.3	2.1	3.2	4.6	4.8	4.8
				kW	0.5	0.8	0.8	0.8	1.0	1.1	1.4	1.4
	Annual Electricity Consumption*2			kWh/a	944	1065	1065	1089	1583	2321	2389	2389
	SCOP*4				4.0	4.6	4.6	4.5	4.6	4.1	4.1	4.1
			Energy Efficiency Class*4		A+	A++	A++	A+	A++	A+	A+	A+
Operating Current (max)			A	10.0	12.2	12.2	12.2	18.0	18.0	18.0	18.0	
Outdoor Unit	Dimensions		H x W x D	550 - 800 (+69) - 285 (+59.5)				710 - 840 (+30) - 330 (+66)				
	Weight		kg	33	37	37	38	58	59	59	59	
	Air Volume	Cooling	m <sup>3</sup> /min	31.5	28.4	32.7	32.7	31	35.4	35.4	40.3	
		Heating	m <sup>3</sup> /min	32.3	33.5	34.7	34.7	31	39.6	42.7	44.1	
	Sound Level (SPL)	Cooling	dB(A)	49	44	46	46	46	48	48	50	
		Heating	dB(A)	50	50	51	51	50	53	54	55	
	Sound Level (PWL)	Cooling	dB(A)	60	59	61	61	60	63	63	65	
		Operating Current	A	4.3 - 4.1 - 3.9	4.9 - 4.7 - 4.5	6.5 - 6.2 - 6.0	6.5 - 6.2 - 6.0	6.0 - 5.7 - 5.5	8.4 - 8.0 - 7.7	8.5 - 8.1 - 7.8	10.3 - 9.9 - 9.5	
	Breaker Size	A		15	15	15	15	25	25	25		
	Ext. Piping	Port Diameter		Liquid / Gas	6.35 x 2 / 9.52 x 2		6.35 x 2 / 9.52 x 2		6.35 x 3 / 9.52 x 3		6.35 x 4 / 12.7 x 1 + 9.52 x 3	
Total Piping Length (max)		m	20	30	30	30	50	60	60			
Each Indoor Unit Piping Length (max)		m	15	20	20	20	25	25	25			
Max. Height		m	10	15(15)*3	15(15)*3	15(15)*3	15(15)*3	15(15)*3	15(15)*3			
Chargeless Length		m	20	30	30	30	50	60	60			
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 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 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 15m.

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

MXZ-2F33VF3      MSZ-AP15VG + MSZ-LN18VG2  
 MXZ-2F42VF3      MSZ-LN18VG2 + MSZ-LN25VG2  
 MXZ-2F53VF(H)3      MSZ-LN18VG2 + MSZ-LN35VG2  
 MXZ-3F54VF3      MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2  
 MXZ-3F68VF3      MSZ-LN18VG2 + MSZ-LN25VG2 + MSZ-LN25VG2  
 MXZ-4F72VF3      MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2  
 MXZ-4F80VF3      MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN25VG2



Type (Inverter Multi - Split Heat Pump)				Up to 4 Indoor Units	Up to 5 Indoor Units	Up to 6 Indoor Units	
Indoor Unit				Please refer to *4			
Outdoor Unit				MXZ-4F83VF	MXZ-5F102VF	MXZ-6F122VF	
Refrigerant				R32*1	R32*1	R32*1	
Power Supply	Source			Outdoor power supply			
	Outdoor (V/Phase/Hz)			220 - 230 - 240V / Single / 50Hz			
Cooling	Capacity	Rated	kW	8,3	10,2	12,2	
		Min-Max	kW	3,7 - 9,2	3,9 - 11,0	3,5 - 14,0	
	Input	Rated	kW	1,97	2,80	3,66	
	EER*4			4,21	3,64	3,33	
	Design Load			8,3	10,2	12,2	
	Annual Electricity Consumption*2			342	436	559	
SEER*4			8,5	8,2	303,0%		
Heating (Average Season)	Energy Efficiency Class*4			A+++	A++	-	
	Capacity	Rated	kW	9,3	10,5	14,0	
		Rated (-7°C)	kW	6,2	6,4	7,17	
		Rated (-7°C)	kW	6,20	6,40	7,17	
		Max (-15°C)	kW	4,90	4,90	5,20	
		Min-Max	kW	3,4 - 11,6	4,1 - 14,0	3,5 - 16,0	
	Input	Rated	kW	2,00	2,28	3,31	
	COP*4			4,65	4,60	4,23	
	Design Load			7,0	7,4	8,1	
	Declared Capacity	at reference design temperature		kW	5,80	5,90	6,50
		at bivalent temperature		kW	6,20	6,40	7,17
		at operation limit temperature		kW	4,90	4,90	5,20
	Back Up Heating Capacity			1,20	1,50	1,60	
	Annual Electricity Consumption*2			2087	2205	2438	
	SCOP*4			4,7	4,7	183,1%	
	Energy Efficiency Class*4			A++	A++	-	
Max. Operating Current (Indoor+Outdoor)				A	21,4	29,8	
Outdoor Unit	Dimensions		H x W x D	mm	796-950-330	796-950-330	1048-950-330
	Weight			kg	62	62	87
	Air Volume	Cooling	m <sup>3</sup> /min	57	63	63	
		Heating	m <sup>3</sup> /min	62	75	77	
	Sound Level (SPL)	Cooling	dB(A)	49	52	55	
		Heating	dB(A)	51	56	57	
	Sound Level (PWL)	Cooling	dB(A)	61	65	69 / 74	
	Operating Current	Cooling	A	9.1 - 8.7 - 8.3	12.9 - 12.3 - 11.8	16.8 - 16.1 - 15.4	
		Heating	A	9.2 - 8.8 - 8.4	10.5 - 10.0 - 9.6	15.2 - 14.5 - 13.9	
	Starting current (Total)			A	8,8	12,3	16,1
	Breaker Size			A	25	25	32
Ext. Piping	Port Diameter		Liquid	mm	6.35x4	6.35x5	6.35x6
			Gas	mm	12.7 x 1+9.52 x 3	12.7 x 1+9.52 x 4	12.7 x 1+9.52 x 5
	Total Piping Length (max)			m	70	80	80
	Each Indoor Unit Piping Length (max)			m	25	25	25
	Max. Height			m	15	15	15
Guaranteed Operating Range (Outdoor)	Cooling		°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	
	Heating		°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	

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