

C.4.1 SPECIFICATIONS

C.4.1.1 Inverter Heat Pump

Model Name	Outdoor Unit				MXZ-2F52VF
Power Supply	Outdoor			Source	Outdoor power supply
				V	220 / 230
				Phase	Single
			Hz	60 / 50	
Refrigerant					R32
Cooling	Capacity	Rated	kW	5.2	
		Max.	kW	5.6	
		Min.	kW	1.1	
	Total Input	Rated	kW	1.38	
	EER			3.77	
	AEER			3.72	
Heating	Capacity	Rated	kW	6.1	
		Max.	kW	7.0	
		Min.	kW	1.0	
	Total Input	Rated	kW	1.49	
	COP			4.09	
	ACOP			4.05	
Max. Operating Current			A	12.2	
Outdoor Unit	Dimensions		Height	mm	550
			Width	mm	800
			Depth	mm	285
	Weight		kg	37	
	Air Volume	Cooling	Rated	m³/min.	32.7
		Heating	Rated	m³/min.	34.7
	Sound Level (SPL)	Cooling	Rated	dB(A)	46
		Heating	Rated	dB(A)	50
	Sound Level (PWL)	Cooling	Rated	dB(A)	61
		Heating	Rated	dB(A)	63
Max. Operating Current		A		10.2	
Breaker Size		A		15	
Ext.Piping	Diameter	Liquid	mm	6.35 × 2	
		Gas	mm	9.52 × 2	
	Total piping length (Max.)		Out-In	m	30
	Each indoor unit piping length (Max.)			m	20
	Max.Height	Out-In	Below Indoor	m	15
			Above Indoor	m	10
Chargeless length			m	30	
Guaranteed Operating Range	Outdoor	Cooling	Upper Limit.	°C	+46
			Lower Limit.	°C	-10
		Heating	Upper Limit.	°C	+24
			Lower Limit.	°C	-15

Model Name	Outdoor Unit				MXZ-2F52VGD	MXZ-3F54VGD	MXZ-4F71VGD
Power Supply	Outdoor			Source	Outdoor power supply	Outdoor power supply	Outdoor power supply
				V	220 / 230	220 / 230	220 / 230
				Phase	Single	Single	Single
				Hz	60 / 50	60 / 50	60 / 50
Refrigerant					R32	R32	R32
Cooling	Capacity	Rated	kW	5.2	5.4	7.1	
		Max.	kW	6.0	6.8	8.8	
		Min.	kW	2.0	2.9	3.7	
	Total Input	Rated	kW	1.38	1.25	1.79	
	EER			3.77	4.32	3.97	
	AEER			3.73	4.26	3.93	
Heating	Capacity	Rated	kW	6.1	7.0	8.0	
		Max.	kW	7.2	9.0	10.7	
		Min.	kW	1.8	2.6	3.4	
	Total Input	Rated	kW	1.45	1.43	1.67	
	COP			4.21	4.90	4.79	
	ACOP			4.17	4.84	4.74	
Max. Operating Current			A	12.2	18.0	18.0	
Outdoor Unit	Dimensions		Height	mm	710	710	710
			Width	mm	840	840	840
			Depth	mm	330	330	330
	Weight			kg	57	58	59
	Air Volume	Cooling	Rated	m³/min.	35	35	38
		Heating	Rated	m³/min.	35	35	44
	Sound Level (SPL)	Cooling	Rated	dB(A)	46	46	48
		Heating	Rated	dB(A)	50	50	54
	Sound Level (PWL)	Cooling	Rated	dB(A)	60	60	63
		Heating	Rated	dB(A)	65	65	66
	Max. Operating Current			A	10.2	15.0	15.0
	Breaker Size			A	15	25	25
	Ext.Piping	Diameter	Liquid	mm	6.35 × 2	6.35 × 3	6.35 × 4
Gas			mm	9.52 × 2	9.52 × 3	12.7×1 + 9.52×3	
Total piping length (Max.)		Out-In	m	40	50	60	
Each indoor unit piping length (Max.)		m	20	25	25		
Max.Height		Out-In	Below Indoor	m	15	15	15
			Above Indoor	m	10	10	10
Chargeless length		m	40	50	60		
Guaranteed Operating Range	Outdoor	Cooling	Upper Limit.	°C	+46	+46	+46
			Lower Limit.	°C	-10	-10	-10
		Heating	Upper Limit.	°C	+24	+24	+24
			Lower Limit.	°C	-15	-15	-15

Model Name	Outdoor Unit				MXZ-4F80VGD	MXZ-5F100VGD	MXZ-6F120VGD
Power Supply	Outdoor			Source	Outdoor power supply	Outdoor power supply	Outdoor power supply
				V	220 / 230	220 / 230	220 / 230
				Phase	Single	Single	Single
				Hz	60 / 50	60 / 50	60 / 50
Refrigerant				R32	R32	R32	
Cooling	Capacity	Rated	kW	8.0	10.0	12.0	
		Max.	kW	9.2	11.0	14.0	
		Min.	kW	3.7	3.9	3.5	
	Total Input	Rated	kW	1.98	2.84	3.30	
	EER			4.04	3.52	3.64	
	AEER			4.00	3.49	3.61	
Heating	Capacity	Rated	kW	8.8	10.0	13.2	
		Max.	kW	11.6	14.0	16.5	
		Min.	kW	3.4	4.1	3.5	
	Total Input	Rated	kW	1.68	2.07	3.00	
	COP			5.24	4.83	4.40	
	ACOP			5.18	4.78	4.37	
Max. Operating Current			A	21.4	21.4	29.8	
Outdoor Unit	Dimensions		Height	mm	796	796	1,048
			Width	mm	950	950	950
			Depth	mm	330	330	330
	Weight			kg	61	62	87
	Air Volume	Cooling	Rated	m³/min.	52	59	63
		Heating	Rated	m³/min.	58	68	77
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	52	53
		Heating	Rated	dB(A)	51	56	57
	Sound Level (PWL)	Cooling	Rated	dB(A)	61	65	68
		Heating	Rated	dB(A)	63	67	72
	Max. Operating Current			A	18.4	18.4	26.8
	Breaker Size			A	25	25	32
	Ext.Piping	Diameter	Liquid	mm	6.35 × 4	6.35 × 5	6.35 × 6
Gas			mm	12.7×1 + 9.52×3	12.7×1 + 9.52×4	12.7×1 + 9.52×5	
Total piping length (Max.)		Out-In	m	70	80	80	
Each indoor unit piping length (Max.)		m	25	25	25		
Max.Height		Out-In	Below Indoor	m	15	15	15
			Above Indoor	m	15	15	15
Chargeless length			m	70	80	80	
Guaranteed Operating Range	Outdoor	Cooling	Upper Limit.	°C	+46	+46	+46
			Lower Limit.	°C	-10	-10	-10
		Heating	Upper Limit.	°C	+24	+24	+24
			Lower Limit.	°C	-15	-15	-15