MSZ-FT VGHZ SERIES

Indoor Unit

MSZ-FT25/35/50VG(K)

Outdoor Unit

MUZ-FT25VGHZ

MUZ-FT35/50VGHZ

Remote Controller

Type				Inverter Heat Pump		
Indoor Unit				MSZ-FT25VG(K)	MSZ-FT35VG(K)	MSZ-FT50VG(K)
Outdoor Unit				MUZ-FT25VGHZ	MUZ-FT35VGHZ	MUZ-FT50VGHZ
Refrigerant				R32 (*1)		
Power Supply	Source			Outdoor power supply		
	Outdoor (V/Phase/Hz)			230 / Single / 50		
Cooling	Design Load		kW	2.5	3.5	5.0
	Annual Electricity Consumption (*2)		kWh/a	101	142	243
	SEER (*4)			8.6	8.6	7.2
		Energy Efficiency Class		A+++	A+++	A++
	Capacity	Rated	kW	2.5	3.5	5.0
		Min - Max	kW	0.8 - 3.5	0.8 - 4.0	0.8 - 5.2
	Total Input	Rated	kW	0.580	0.910	1.630
Heating (Average Season)(*5)	Design Load		kW	3.2 (–10°C)	4.0 (–10°C)	5.0 (–10°C)
	Declared Capacity	at reference design temperature	kW	3.2 (–10°C)	4.0 (–10°C)	5.0 (–10°C)
		at bivalent temperature	kW	3.2 (–10°C)	4.0 (–10°C)	5.0 (–10°C)
		at operation limit temperature	kW	3.0 (–25°C)	3.4 (–25°C)	3.6 (–25°C)
	Back Up Heating Capacity		kW	0.0 (–10°C)	0.0 (–10°C)	0.0 (–10°C)
	Annual Electricity Consumption (*2)		kWh/a	973	1216	1625
	SCOP (*4)			4.6	4.6	4.3
		Energy Efficiency Class		A++	A++	A+
	Capacity	Rated	kW	3.2	4.0	5.0
		Min - Max	kW	0.9 - 6.2	0.9 - 6.6	0.9 - 7.8
	Total Input	Rated	kW	0.760	1.020	1.300
Operating Current (max)			A	10.0	11.6	13.9
Indoor Unit	Input	Rated	kW	0.039	0.04	0.047
	Operating Current (max)		A	0.4		
	Dimensions	H × W × D	mm	280 - 838 - 229		
	Weight		kg	10		
	Air Volume (SLo-Lo-Mid-Hi-SHi (*3))	Cooling	m^3/min	3.9 - 5.9 - 8.2 - 10.4 - 12.3	3.9 - 6.1 - 8.3 - 10.7 - 13.1	5.5 - 7.6 - 9.8 - 12.0 - 13.1
		Heating	m^3/min	3.9 - 6.3 - 9.0 - 12.0 - 13.2	3.9 - 6.9 - 10.2 - 13.5 - 14.7	5.5 - 8.4 - 11.4 - 14.4 - 15.5
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi (*3))	Cooling	dB(A)	19 - 27 - 36 - 41 - 46	19 - 27 - 36 - 42 - 47	28 - 34 - 40 - 45 - 48
		Heating	dB(A)	19 - 31 - 39 - 46 - 49	19 - 33 - 42 - 49 - 52	28 - 36 - 45 - 51 - 54
	Sound Level (PWL)		dB(A)	60		
Outdoor Unit	Dimensions	H × W × D	mm	550 - 800 - 285	714 - 800 - 285	714 - 800 - 285
	Weight		kg	34	40	40
	Air Volume	Cooling	m^3/min	30.4	40.2	40.2
		Heating	m^3/min	30.4	40.2	40.2
	Sound Level (SPL)	Cooling	dB(A)	46	49	51
		Heating	dB(A)	49	52	54
	Sound Level (PWL)	Cooling	dB(A)	60	61	64
	Operating Current (max)		A	9.6	11.2	13.5
	Breaker Size		A	12	12	16
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
	Max. Length	Out-In	m	20	30	30
	Max. Height	Out-In	m	12	15	15
Guaranteed Operating Range [Outdoor]		Cooling	°C	–10 ~ +46	–10 ~ +46	–10 ~ +46
		Heating	°C	–25 ~ +24	–25 ~ +24	–25 ~ +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_2, 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.
The GWP of R410A is 2088 in the IPCC 4th Assessment Report.
(*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) SHi: Super High
(*4) SEER, SCOP and other related description are based on COMMISSION DELEGATED REGULATION (EU) No.626/2011. The temperature conditions for calculating SCOP are based on "Average Season".
(*5) Please see page 53-54 for heating (warmer season) specifications.