

# MSZ-FT V GK SERIES



## Indoor Unit



FT25/35/50V GK



## Outdoor Unit



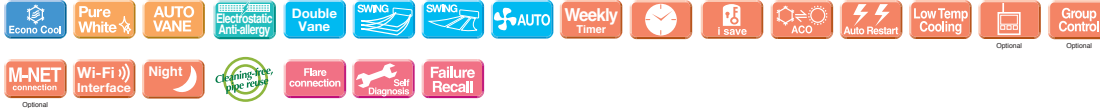
MUZ-FT25VGHZ

MUZ-FT35/50VGHZ

## Remote Controller



back light



Type	Inverter Heat Pump						
Indoor Unit	MSZ-FT25V GK	MSZ-FT35V GK	MSZ-FT50V GK				
Outdoor Unit	MUZ-FT25VGHZ	MUZ-FT35VGHZ	MUZ-FT50VGHZ				
Refrigerant	R32 (*1)						
Power Supply	Outdoor power supply 230 / Single / 50						
Cooling	Design Load	kW	2.5	3.5	5.0		
	Annual Electricity Consumption (*2)	kWh/a	101	142	243		
	SEER (*4)	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	
	EER			4.31	3.85	3.07	
		EEL Rank		A	A	B	
	Heating (Average Season)	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		Energy Efficiency Class		A++	A++	A+	
		Capacity	Rated	kW	3.2	4.0	5.0
		Min	kW	0.9	0.9	0.9	
		Max at 7°C	kW	6.2	6.6	7.8	
	Max at -15°C	kW	3.6	4.4	5.0		
	Max at -15°C	kW	3.0	3.4	3.6		
Total Input	Rated	kW	0.760	1.020	1.300		
COP			4.21	3.92	3.85		
	EEL Rank		A	A	A		
Heating (Warmer Season)	Design Load	kW	1.8(2°C)	2.2(2°C)	2.7(2°C)		
	Declared Capacity	at reference design temperature	kW	1.8(2°C)	2.2(2°C)	2.7(2°C)	
		at bivalent temperature	kW	1.8(2°C)	2.2(2°C)	2.7(2°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(2°C)	0.0(2°C)	0.0(2°C)		
	Annual Electricity Consumption (*2)	kWh/a	432	527	684		
	SCOP	Energy Efficiency Class		A+++	A+++	A+++	
		Operating Current (max)	A	10.0	13.9	13.9	
	Indoor Unit	Input	Rated	kW	0.039	0.04	0.047
			Operating Current (max)	A	0.4	0.4	0.4
Dimensions		H x W x D	mm	280 838 229	280 838 229	280 838 229	
Weight			kg	10	10	10	
Air Volume (SLo-Lo-Mid-Hi-SHi (Dry/Wet))		Cooling	m <sup>3</sup> /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 <sup>3</sup> /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)		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	60	60	
Outdoor Unit		Dimensions	H x W x D	mm	550 800 285	714 800 285	714 800 285
	Weight		kg	34	40	40	
	Air Volume	Cooling	m <sup>3</sup> /min	30.4	40.2	40.2	
		Heating	m <sup>3</sup> /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)		dB(A)	60	61	64	
	Operating Current (max)	A		9.6	13.5	13.5	
	Breaker Size	A		12	16	16	
	Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Chargeless piping length		Out-In	m	7.5	7.5	7.5	
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<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. 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.