

# MXZ-VFHZ SERIES



## Outdoor Unit

R32



MXZ-2F53VFHZ3

R32



MXZ-4F83VFHZ3

Type				Inverter Heat Pump		
Indoor Unit				Please refer to *2 *3		
Outdoor Unit				MXZ-2F53VFHZ3	MXZ-4F83VFHZ3	
Refrigerant				R32*4		
Power Supply	Source			Outdoor power supply		
	Outdoor (V/Phase/Hz)			220 - 230 - 240V / Single / 50		
Cooling	Capacity	Rated	kW	5.3	8.3	
		Min - Max	kW	1.1 - 6.0	3.5 - 9.2	
	Total Input	Rated	kW	1.29	1.90	
	Design Load		kW	5.3	8.3	
	Annual Electricity Consumption*1		kWh/a	274	398	
	SEER*5			6.8	7.3	
Energy Efficiency Class				A++		
Heating (Average Season)	Capacity	Rated	kW	6.4	9.0	
		Min - Max	kW	1.0 - 7.0	3.5 - 11.6	
	Total Input	Rated	kW	1.36	1.70	
	Design Load		kW	6.4	10.1	
	Declared Capacity	at reference design temperature	kW	6.9	10.6	
		at bivalent temperature	kW	7.4	11.5	
		at operation limit temperature	kW	4.1	5.7	
	Back Up Heating Capacity		kW		0.0	
	Annual Electricity Consumption*1		kWh/a	2172	3286	
SCOP*5			4.1	4.3		
Energy Efficiency Class				A+		
Max. Operating Current (Indoor+Outdoor)			A	15.6	28.0	
Outdoor Unit	Dimensions		H*W*D	mm	796 × 950 × 330	1048 × 950 × 330
	Weight			kg	60	86
	Air Volume	Cooling		m <sup>3</sup> /min	43	63
		Heating		m <sup>3</sup> /min	41	77
	Sound Level (SPL)	Cooling		dB(A)	45	55
		Heating		dB(A)	47	57
	Sound Level (PWL)	Cooling		dB(A)	55	66
	Breaker Size			A	16	30
Ext. Piping	Port Diameter	Liquid	mm	6.35 × 2	6.35 × 4	
		Gas	mm	9.52 × 2	12.7 × 1+9.52 × 3	
	Total Piping Length (max)			m	30	70
	Each Indoor Unit Piping Length (max)			m	20	25
	Max. Height			m	15	15
	Chargeless Length			m	30	70
Guaranteed Operating Range [Outdoor]	Cooling		°C	-10 ~ +46		
	Heating		°C	-25 ~ +24		
Refrigerant/GWP				R32/675*4		
Pre-Charged Quantity	Weight		kg	2.4		
	CO <sub>2</sub> equivalent		t	1.62		
Max Added Quantity	Weight		kg	2.4		
	CO <sub>2</sub> 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 SEER/SCOP values and energy efficiency class are measured when connected to the indoor units listed below.  
 If the outdoor unit is installed higher than the indoor unit, max. height is reduced to 10 m  
 MXZ-2F53VFHZ3 MSZ-LN18VG3 + MSZ-LN35VG3  
 MXZ-4F83VFHZ3 MSZ-LN18VG3 + MSZ-LN18VG3 + MSZ-LN25VG3 + MSZ-LN25VG3  
 \*3 Indoor unit compatibility table is shown on page 120.  
 \*4 This GWP value is based on Regulation(EU) No 517/2014 from IPCC 4th edition.