

MXZ-HA SERIES

INVERTER MULTI



Type (Inverter Multi - Split Heat Pump)				Up to 2 Indoor Units		Up to 3 Indoor Units	
Indoor Unit				Please refer to*3			
Outdoor Unit				MXZ-2HA40VF3	MXZ-2HA50VF3	MXZ-3HA50VF3	
Refrigerant				R32			
Power Supply				Outdoor power supply			
Source				220 - 230 - 240V / Single / 50Hz			
Outdoor (V/Phase/Hz)							
Cooling	Capacity	Rated	kW	4.0	5.0		
		Min-Max	kW	1.1 - 4.3	1.1 - 5.4	2.9 - 6.5	
	Input	Rated	kW	1.05	1.52	1.26	
		Design Load	kW	4.0	5.0		
	Annual Electricity Consumption*2			kWh/a	172	225	241
	SEER*1				8.1	78	73
	Energy Efficiency Class*3				A++		
Heating	Capacity	Rated	kW	4.3	6.0	6.0	
		Min-Max	kW	1.0 - 4.7	1.0 - 6.4	2.6 - 7.5	
	Input	Rated	kW	0.91	1.54	1.30	
		Design Load	kW		3.2	4.0	
	Declared Capacity	at reference design temperature		kW	2.4	3.0	
		at bivalent temperature		kW	2.9	3.6	
		at operation limit temperature		kW	2.1	2.6	
	Back Up Heating Capacity			kW	0.8	1.0	
	Annual Electricity Consumption*2			kWh/a	1043	1394	
	SCOP*3				4.3	4.0	
	Energy Efficiency Class*3				A+		
Max. Operating Current (Indoor+Outdoor)				A	12.2	18.0	
Outdoor Unit	Dimensions		H*W*D	mm	550 - 800 (+69) - 285 (+59.5)		710 - 840 - 330 (+66)
	Weight			kg	37		57
	Air Volume	Cooling	m ³ /min	28.4	32.7	31.0	
		Heating	m ³ /min	33.5	34.7	29.1	
	Sound Level (SPL)	Cooling	dB(A)	44	47	46	
		Heating	dB(A)	50	51	50	
	Sound Level (PWL)	Cooling	dB(A)	59	64	61	
Breaker Size			A	15	25		
Ext. Piping	Port Diameter	Liquid	mm	6.35 x 2			
		Gas	mm	9.52 x 2			
	Total Piping Length (max)		m	30	50		
	Each Indoor Unit Piping Length (max)		m	20	25		
	Max. Height		m		15(10)*2		
Chargeless Length		m	30	40			
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46				
	Heating	°C	-15 ~ +24				
Refrigerant/GWP				R32/675**4			
Pre-Charged Quantity	Weight	Kg	0.9	1.4			
	CO ₂ equivalent	t	0.61	0.95			
Max Added Quantity	Weight	Kg	0.9	1.6			
	CO ₂ equivalent	t	0.61	1.08			

*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 If the outdoor unit is installed higher than the indoor unit, max. height is reduced to 10 m.

*3 SEER/SCOP values and energy efficiency class are measured when connected to the indoor units listed below.

MXZ-2HA40VF3 → MSZ-HR25VF2 + MSZ-HR25VF2
 MXZ-2HA50VF3 → MSZ-HR25VF2 + MSZ-HR25VF2
 MXZ-3HA50VF3 → MSZ-HR25VF2 + MSZ-HR25VF2 + MSZ-HR25VF2

*4 This GWP value is based on Regulation(EU) No 517/2014 from IPCC 4th edition,