

MXZ-HA SERIES

Multi-port outdoor units exclusively for MSZ-HR indoor units.



R32

2-port

MXZ-2HA40VF
MXZ-2HA50VF



R32

3-port

MXZ-3HA50VF

Stylish Design with Flat Panel Front

A stylish flat panel design is employed for the front of the indoor unit. The simple look matches room aesthetics.



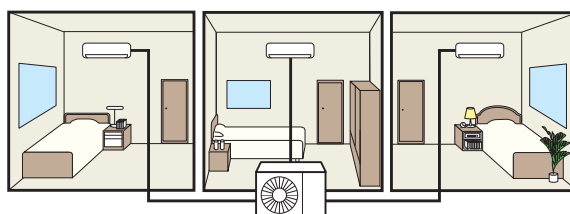
Easy to create various combinations

Wide range of simple combinations only possible using multi-port outdoor units.

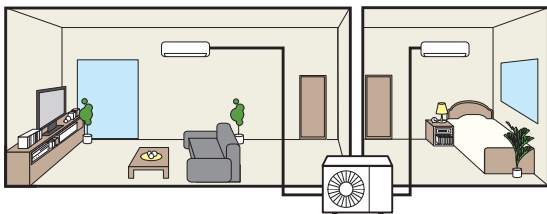
Two bedrooms



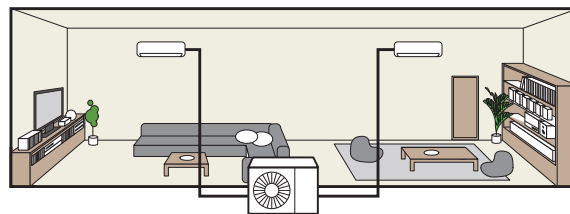
Three bedrooms



Living room and one bedroom



Wide living room





Type (Inverter Multi - Split Heat Pump)				Up to 2 Indoor Units		Up to 3 Indoor Units
Indoor Unit				Please refer to (*4)		
Outdoor Unit				MXZ-2HA40VF	MXZ-2HA50VF	MXZ-3HA50VF
Refrigerant				R32*1		
Power Supply				Outdoor power supply		
Source				220-230-240 / Single / 50		
Outdoor (V/Phase/Hz)						
Cooling	Capacity	Rated	kW	4.0	5.0	5.0
	Input*4	Rated	kW	1.05	1.52	1.26
	EER*4			3.81	3.29	3.97
	EEL Rank*4			A	A	A
	Design Load		kW	4.0	5.0	5.0
	Annual Electricity Consumption*2		kWh/a	172	225	241
	SEER*4,*5			8.12	7.78	7.26
	Energy Efficiency Class*4			A++	A++	A++
	Capacity	Rated	kW	4.3	6.0	6.0
	Input	Rated	kW	0.91	1.54	1.30
Heating (Average Season)	COP*4			4.73	3.90	4.62
	EEL Rank*4			A	A	A
	Design Load		kW	3.2	3.2	4.0
	Declared Capacity	at reference design temperature	kW	2.4	2.4	3.0
		at bivalent temperature	kW	2.9	2.9	3.6
		at operation limit temperature	kW	2.1	2.1	2.6
	Back Up Heating Capacity		kW	0.8	0.8	1.0
	Annual Electricity Consumption*2		kWh/a	1043	1043	1394
	SCOP*4,*5			4.30	4.30	4.02
	Energy Efficiency Class*4			A+	A+	A+
Operating Current (max)				12.2	12.2	18.0
Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 (+69) - 285 (+59.5)	550 - 800 (+69) - 285 (+59.5)	710 - 840 (+30) - 330 (+66)
	Weight		kg	37	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
	Operating Current	Cooling	A	4.9	6.8	5.6
		Heating	A	4.6	6.9	5.8
	Breaker Size		A	15	15	25
Ext. Piping	Port Diameter	Liquid / Gas	mm	6.35 x 2 / 9.52 x 2	6.35 x 2 / 9.52 x 2	6.35 x 3 / 9.52 x 3
	Total Piping Length (max)		m	30	30	50
	Each Indoor Unit Piping Length (max)		m	20	20	25
	Max. Height		m	15 (10)*3	15 (10)*3	15 (10)*3
	Chargeless Length		m	30	30	40
Guaranteed Operating Range						
[Outdoor]						
Cooling				-10 ~ +46		
Heating				-15 ~ +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 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂ 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 R32 is 675 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 If the outdoor unit is installed higher than the indoor unit, max height is reduced to 10m.

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

MXZ-2HA40VF MSZ-HR25VF + MSZ-HR25VF

MXZ-2HA50VF MSZ-HR25VF + MSZ-HR25VF

MXZ-3HA50VF MSZ-HR25VF + MSZ-HR25VF + MSZ-HR25VF

*5 SEER and SCOP are based on 2009/125/EC Energy-related Products Directive and Regulation (EU) No206/2012.