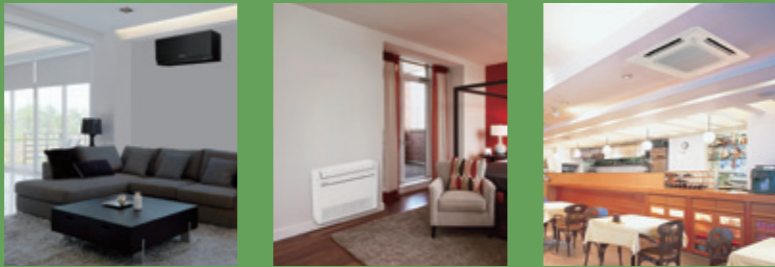


MULTI SPLIT

SERIES



SELECTION

Choose from types of indoor units and outdoor units that can run up to six indoor units each.
Create the system that best matches room shapes and number of rooms.

R32		INDOOR UNITS		R32		OUTDOOR UNITS			
Wall-mounted		Floor-standing		2-port up to 2 indoor units		3-port up to 3 indoor units		4-port up to 4 indoor units	
 MSZ-LN (18-25-35-50)		 MFZ-KT		 MXZ-2F33VF3		 MXZ-3F54VF3		 MXZ-4F72VF3	
 MSZ-AP25-50		Ceiling-suspended		 MXZ-2F42VF3		 MXZ-3F68VF3		 MXZ-4F80VF3	
 MSZ-AP15-20		 PCA		 MXZ-2F53VF(H)3		 MXZ-4F83VF		 MXZ-4F83VFHZ	
 MSZ-AP60VG		Ceiling-concealed		 MXZ-2F53VFHZ		5-port up to 5 indoor units		6-port up to 6 indoor units	
 MSZ-BT		 SEZ		 MXZ-5F102VF		 MXZ-6F122VF			
Cassette		 PEAD							
 SLZ									
 MLZ-KP									

R410A INDOOR UNITS		R410A OUTDOOR UNITS			
Wall-mounted	MSZ-LN (25-35)	Floor-standing	2-port up to 2 indoor units	3-port up to 3 indoor units	4-port up to 4 indoor units
	MSZ-AP25-50		MFZ-KJ	MXZ-2D33VA MXZ-2D42VA2 MXZ-2D53VA(H)2	MXZ-3E54VA MXZ-3E68VA
	MSZ-SF25-50	Ceiling-suspended			
	MSZ-FH		Ceiling-concealed	SEZ PEAD	
MSZ-SF15-20	SLZ MLZ-KP PLA				
MSZ-EF		MXZ-2E53VAHZ	5-port up to 5 indoor units	6-port up to 6 indoor units	
MSZ-GF	MXZ-5E102VA		MXZ-6D122VA2		

CHECK SYSTEM COMPATIBILITY

Possible combinations depends on the outdoor unit chosen. Please check the following points.

Check Indoor Units

Refer to the "Indoor Unit Compatibility Table" to check if the indoor units selected can be used with the outdoor unit selected. (Indoor units not listed in the table cannot be used.)

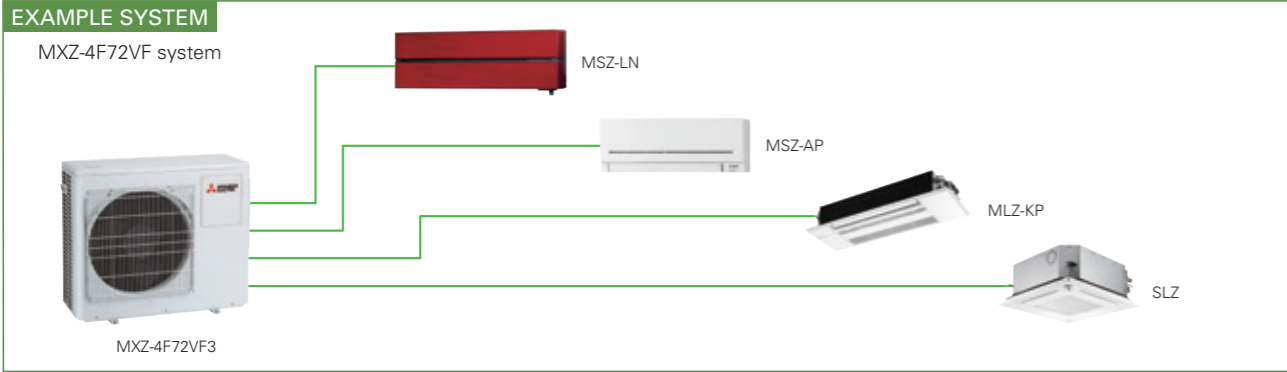
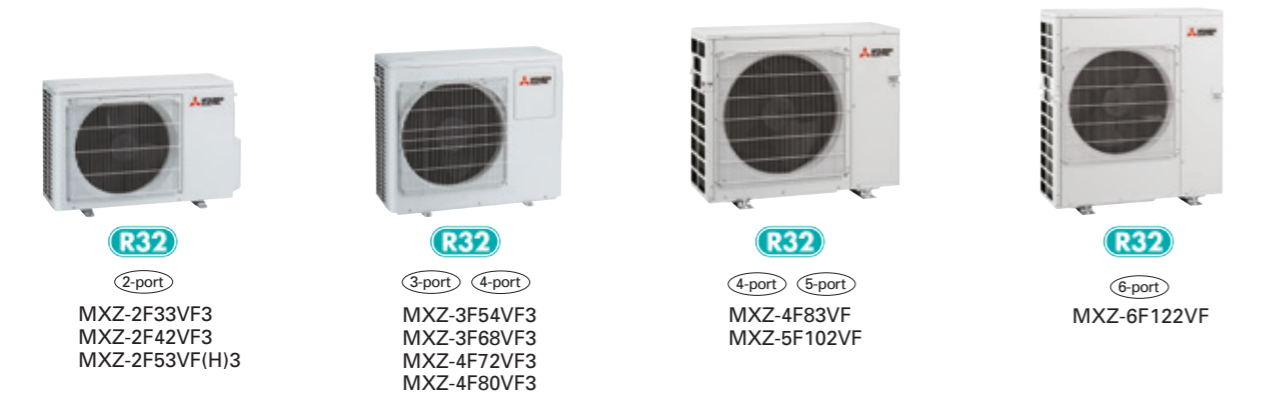
Check Indoor Unit Capacity Combination

Refer to the "Combination Table" to check if the capacity combination of the indoor unit selected is connectable. (Combinations not listed cannot be connected.)

If the desired combination cannot be found, please change either the indoor or outdoor unit to match one of the combinations shown in the tables.

MXZ SERIES

Advancements in the MXZ Series include efficiency and flexibility in system expansion capabilities. The best solution when requiring multi-system air conditioning needs.



Units can be used even if it is connected to only one indoor unit (4F83/5F102/6F122)

This unit can be used even if it is connected to only one indoor unit. This offers more flexibility for wide range of application that satisfies various customers' demand.

No necessity for refrigerant charging

Depending on the pipe length and the indoor units that are connected, conventional models have required refrigerant charging, but no R32 MXZ model needs to be charged with additional refrigerant. This eliminates troublesome work at the site of installation, and reduces the amount of additional work for the installer.

Handle Up to 6 Rooms with a Single Outdoor Unit

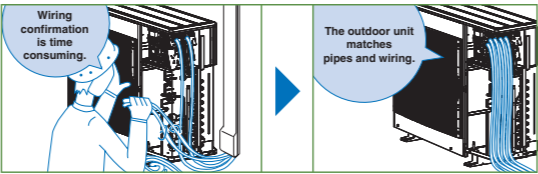
The MXZ Series for R32 offers a ten-system line-up to choose from, ranging between 3.3 and 12.2kW. All of them are compatible with specific M, S and P series indoor units. A single outdoor unit can handle a wide range of building layouts.

Support Functions

Wiring/Piping Correction Function* (3F54/3F68/4F72/4F80/4F83/5F102/6F122)

Simply press a single button to confirm if wiring and piping are properly connected. Wiring errors are corrected automatically when discovered. This eliminates the need to confirm complicated wiring connections when expanding the system. (For details, refer to the outdoor unit installation manual.)

* Function cannot be used when the outdoor temperature is below 0°C. The correction process requires 10–20 minutes to complete and must be conducted with the unit set to the "Cooling" mode.



Operation Lock

To accommodate specific use applications, cooling or heating operation can be specified when setting the control board of the outdoor unit. A convenient option when a system needs to be configured for exclusive cooling or heating service. (For details, refer to the outdoor unit installation manual.)

MXZ SERIES INVERTER MULTI



Type (Inverter Multi - Split Heat Pump)				Up to 2 Indoor Units				Up to 3 Indoor Units				Up to 4 Indoor Units				Up to 5 Indoor Units	
Indoor Unit				MXZ-2F33VF3	MXZ-2F42VF3	MXZ-2F53VF3	MXZ-2F53VFH3	MXZ-3F54VF3	MXZ-3F68VF3	MXZ-4F72VF3	MXZ-4F80VF3	MXZ-4F83VF3	MXZ-5F102VF				
Refrigerant				R32*1													
Power Supply				Outdoor power supply													
Source				220 - 230 - 240V / Single / 50Hz													
Outdoor (V/Phase/Hz)																	
Cooling	Capacity	Rated	kW	3.3	4.2	5.3	5.3	5.4	6.8	7.2	8.0	8.3	10.2				
	Input	Rated	kW	0.85	0.98	1.40	1.40	1.32	1.84	1.85	2.25	1.97	2.80				
	EER*3			3.88	4.29	3.79	3.79	4.10	3.70	3.89	3.56	4.21	3.64				
	Design Load		kW	3.3	4.2	5.3	5.3	5.4	6.8	7.2	8.0	8.3	10.2				
	Annual Electricity Consumption*2		kWh/a	189	169	216	216	222	301	311	368	342	436				
	SEER*3,*5			6.1	8.7	8.6	8.6	8.5	7.9	8.1	7.6	8.5	8.2				
	Energy Efficiency Class*3			A++	A+++	A+++	A+++	A+++	A++	A++	A++	A++	A++	A++			
Heating (Average Season)	Capacity	Rated	kW	4.0	4.5	6.4	6.4	7.0	8.6	8.6	8.8	9.3	10.5				
	Input	Rated	kW	0.91	0.88	1.56	1.56	1.40	1.91	1.87	2.00	2.00	2.28				
	COP*3			4.40	5.11	4.10	4.10	5.00	4.50	4.60	4.40	4.65	4.60				
	Design Load		kW	2.7	3.5	3.5	3.5	5.2	6.8	7.0	7.0	7.0	7.4				
	Declared Capacity	at reference design temperature	kW	2.2	2.7	2.7	2.7	4.2	5.7	5.6	5.6	5.8	5.9				
		at bivalent temperature	kW	2.4	2.9	2.9	2.9	4.7	6.4	6.2	6.2	6.2	6.4				
		at operation limit temperature	kW	1.6	2.3	2.3	2.1	3.2	4.6	4.8	4.8	4.9	4.9				
	Back Up Heating Capacity		kW	0.5	0.8	0.8	0.8	1.0	1.1	1.4	1.4	1.2	1.5				
	Annual Electricity Consumption*2		kWh/a	944	1065	1065	1089	1583	2321	2389	2389	2087	2205				
	SCOP*3,*5			4.0	4.6	4.6	4.5	4.6	4.1	4.1	4.1	4.7	4.7				
	Energy Efficiency Class*3			A+	A++	A++	A+	A++	A+	A+	A+	A++	A++				
Operating Current (max)				A	10.0	12.2	12.2	12.2	18.0	18.0	18.0	18.0	21.4	21.4			
Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 (+69) - 285 (+59.5)				710 - 840 (+30) - 330 (+66)				796 - 950 - 330					
	Weight		kg	33	37	37	38	58	58	59	59	62	62				
	Air Volume	Cooling	m³/min	31.5	28.4	32.7	32.7	31	35.4	35.4	40.3	57	63				
		Heating	m³/min	32.3	33.5	34.7	34.7	31	39.6	42.7	44.1	62	75				
	Sound Level (SPL)	Cooling	dB(A)	49	44	46	46	46	48	48	50	49	52				
		Heating	dB(A)	50	50	51	51	50	53	54	55	51	56				
	Sound Level (PWL)	Cooling	dB(A)	60	59	61	61	60	63	63	65	61	65				
	Operating Current	Cooling	A	4.3 - 4.1 - 3.9	4.9 - 4.7 - 4.5	6.5 - 6.2 - 6.0	6.5 - 6.2 - 6.0	6.0 - 5.7 - 5.5	8.4 - 8.0 - 7.7	8.5 - 8.1 - 7.8	10.3 - 9.9 - 9.5	9.1 - 8.7 - 8.3	12.9 - 12.3 - 11.8				
	Heating	A	4.6 - 4.4 - 4.2	4.4 - 4.3 - 4.1	7.5 - 7.1 - 6.8	7.5 - 7.1 - 6.8	6.4 - 6.1 - 5.9	8.8 - 8.4 - 8.0	8.6 - 8.2 - 7.9	9.2 - 8.8 - 8.4	9.2 - 8.8 - 8.4	10.5 - 10.0 - 9.6					
Breaker Size		A	15	15	15	15	25	25	25	25	25	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 2 / 9.52 x 2		6.35 x 3 / 9.52 x 3		6.35 x 4 / 12.7 x 1 + 9.52 x 3		6.35x5/12.7x1+9.52x4			
	Total Piping Length (max)		m	20	30	30	30	50	60	60	70	70	80				
	Each Indoor Unit Piping Length (max)		m	15	20	20	20	25	25	25	25	25	25				
	Max. Height		m	10	15(15)	15(15)	15(15)	15(15)	15(15)	15(15)	15(15)	15	15				
	Chargeless Length		m	20	30	30	30	50	60	60	60	70	80				
Guaranteed Operating Range [Outdoor]			Cooling	°C	-10 ~ +46				-10 ~ +46								
			Heating	°C	-15 ~ +24				-15 ~ +24								

Type (Inverter Multi - Split Heat Pump)				Up to 6 Indoor Units			
Indoor Unit				Please refer to (*4)			
Outdoor Unit				MXZ-6F122VF			
Refrigerant				R32*1			
Power Supply				Outdoor power supply			
Source				220 - 230 - 240V / Single / 50			
Outdoor (V/Phase/Hz)							
Cooling	Capacity	Rated	kW	12.2			
	Input	Rated	kW	3.66			
	EER*4			3.33			
Heating	Capacity	Rated	kW	14.0			
	Input	Rated	kW	3.31			
	COP*4			4.23			
Operating Current (max)				A			
Outdoor Unit							
Outdoor Unit	Dimensions	H x W x D	mm	1048 - 950 - 330			
	Weight		kg	87			
	Air Volume	Cooling	m ³ /min	63			
		Heating	m ³ /min	77			
	Sound Level (SPL)	Cooling	dB(A)	55			
		Heating	dB(A)	57			
	Sound Level (PWL)	Cooling	dB(A)	69			
Ext. Piping	Breaker Size		A	32			
	Diameter	Liquid	mm	6.35 x 6			
		Gas	mm	12.7 x 1 + 9.52 x 5			
	Total Piping Length (max)		m	80			
	Each Indoor Unit Piping Length (max)		m	25			
	Max. Height		m	15			
	Chargeless Length		m	80			
Guaranteed Operating Range [Outdoor]				Cooling	°C	-10 ~ +46	
				Heating	°C	-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 EER/COP, SEER/SCOP values and energy efficiency class are measured

when connected to the indoor units listed below.

MXZ-2F33VF3 → MSZ-AP15VG + MSZ-LN18VG2
MXZ-2F42VF3 → MSZ-LN18VG2 + MSZ-LN25VG2
MXZ-2F53VFH3 → MSZ-LN18VG2 + MSZ-LN35VG2
MXZ-3F54VF3 → MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2
MXZ-3F68VF3 → MSZ-LN18VG2 + MSZ-LN25VG2 + MSZ-LN25VG2
MXZ-4F72VF3 → MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2
MXZ-4F80VF3 → MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN25VG2
MXZ-4F83VF → MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN25VG2 + MSZ-LN25VG2
MXZ-5F102VF → MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN25VG2 + MSZ-LN25VG2

*4 EER/COP, values and energy efficiency class are measured

when connected to the indoor units listed below.

MXZ-6F122VF → MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN25VG2 + MSZ-LN25VG2

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