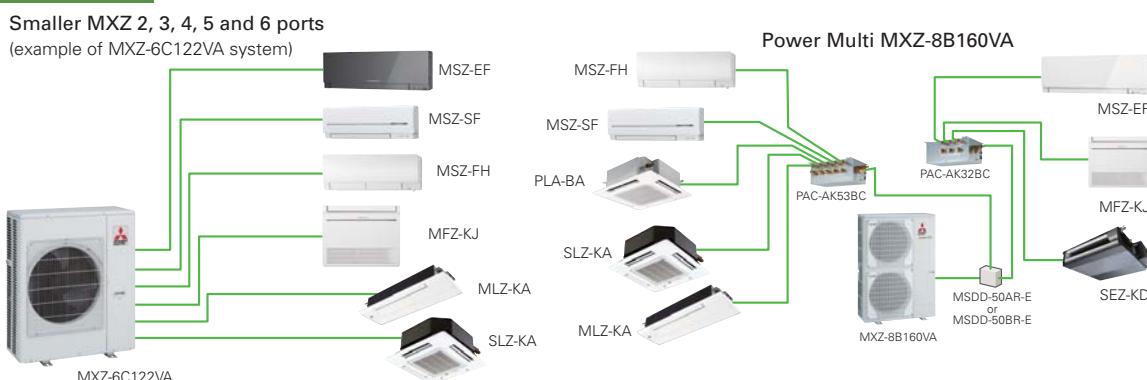


MXZ SERIES

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



EXAMPLE SYSTEM



Handle Up to 8 Rooms with a Single Outdoor Unit

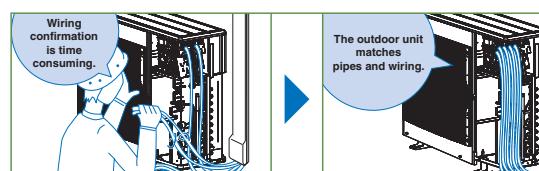
The MXZ Series offers a fourteen-system line-up to choose from, ranging between 3.3 and 15.5kW. All of them are compatible with specific M, S and P series indoor units. A single outdoor unit can handle a wide range of building layouts.

Support Functions

Wiring/Piping Correction Function* (3D54/3D68/4D72/4D83/5D102/6C122)

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.



Automatic Line Correcting

(MXZ-2D33VA/2D42VA/2D53VA(H)/3D54VA2)

Improper wiring or piping can be automatically detected when one indoor unit is operated in COOL mode for 30 minutes. When improper wiring or piping is detected, wiring lines are corrected (A to B/B to A) with the software.

* This function may not work due to the condition or environment of the unit, such as the following:

- gas leak, closed stop valve
- unit failure such as defective LEV
- indoor/outdoor temperature

* This function does not work when the "2" of SW2 on the outdoor display P.C. board is turned OFF.

Ampere Limit Adjustment

(4D83/5D102/6C122/8B140/8B160)

Dipswitch settings can be used to adjust the maximum electrical current for operation. This function is highly recommended for managing energy costs. (For details, refer to the outdoor unit installation manual.)

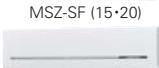
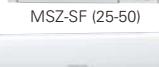
* Maximum capacity is lowered with the use of this function.

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.)

SELECTION

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

STEP 1		SELECT INDOOR UNITS			
Select the indoor unit to be installed in each room.					
Wall-mounted  MSZ-FH  MSZ-EF  MSZ-SF (15-20)  MSZ-SF (25-50)  MSZ-GF		Floor-standing  MFZ-KJ		Cassette  SLZ  PLA	
Ceiling-suspended  PCA		Ceiling-concealed  SEZ  PEAD			

STEP 2		SELECT OUTDOOR UNITS			
Select the best outdoor unit based on the number of indoor units and overall system capacity required.					
2-port Connect up to 2 indoor units	3-port Connect up to 3 indoor units	4-port Connect up to 4 indoor units	8-port Connect up to 8 indoor units	Outdoor Unit  MXZ-2D33VA MXZ-2D42VA MXZ-2D53VA(H)	
5-port Connect up to 5 indoor units	6-port Connect up to 6 indoor units	 MXZ-3D54VA2 MXZ-3D68VA	 MXZ-4D72VA	 MXZ-4D83VA	Branch Box  PAC-AK32BC  PAC-AK53BC
 MXZ-5D102VA		 MXZ-6C122VA		MXZ-8B140V(Y)A MXZ-8B160V(Y)A Connection to indoor units requires an appropriate branch box (distribution piping is required when connecting two branch boxes).	

STEP 3		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.					