

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 MSZ-LN (18·25·35·50) MSZ-EF MSZ-AY25-50 MSZ-AP60VG MSZ-AP15-20 MSZ-BT	Floor-standing MFZ-KT SFZ	2-port up to 2 indoor units MXZ-2F33VF4 MXZ-2F42VF4 MXZ-2F53VF(H)4 MXZ-2F53VFHZ2		3-port up to 3 indoor units MXZ-3F54VF4 MXZ-3F68VF4
		5-port up to 5 indoor units MXZ-5F102VF2		4-port up to 4 indoor units MXZ-4F72VF4 MXZ-4F80VF4 MXZ-4F83VF2 MXZ-4F83VFHZ2
Cassette SLZ MLZ-KP MLZ-KY	Ceiling-suspended PCA Ceiling-concealed SEZ PEAD	6-port up to 6 indoor units MXZ-6F120VF2		

R410A INDOOR UNITS		R410A OUTDOOR UNITS		
Wall-mounted MSZ-LN (25·35) MSZ-AY25-50 MSZ-AP15-20 MSZ-SF25-50 MSZ-FH MSZ-SF15-20 MSZ-EF MSZ-GF	Floor-standing MFZ-KJ Ceiling-suspended PCA Ceiling-concealed SEZ PEAD	2-port up to 2 indoor units MXZ-2D33VA MXZ-2D42VA2 MXZ-2D53VA(H)2 MXZ-2E53VAHZ		3-port up to 3 indoor units MXZ-3E54VA MXZ-3E68VA
		5-port up to 5 indoor units MXZ-5E102VA		4-port up to 4 indoor units MXZ-4E72VA MXZ-4E83VA MXZ-4E83VAHZ
Cassette SLZ MLZ-KP PLA		6-port up to 6 indoor units 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.



R32

2-port

MXZ-2F33VF4
MXZ-2F42VF4
MXZ-2F53VF(H)4



R32

3-port 4-port

MXZ-3F54VF4
MXZ-3F68VF4
MXZ-4F72VF4
MXZ-4F80VF4



R32

4-port 5-port

MXZ-4F83VF2
MXZ-5F102VF2



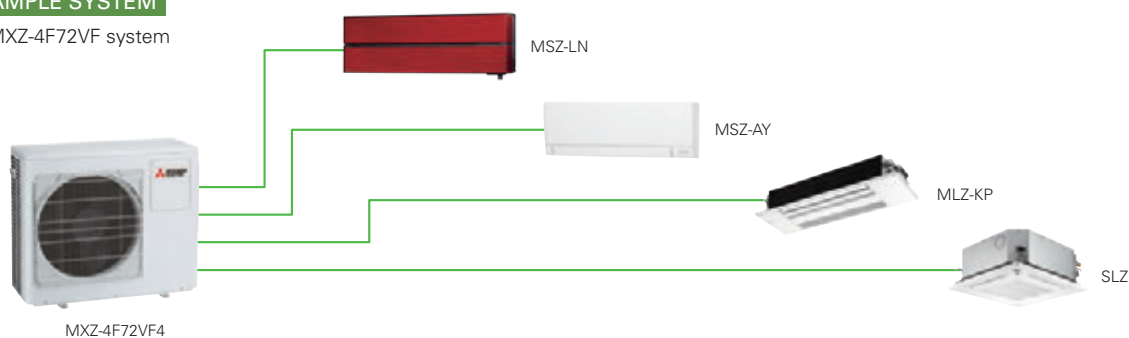
R32

6-port

MXZ-6F120VF2

EXAMPLE SYSTEM

MXZ-4F72VF system



Units can be used even if it is connected to only one indoor unit (4F83/5F102/6F120)

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

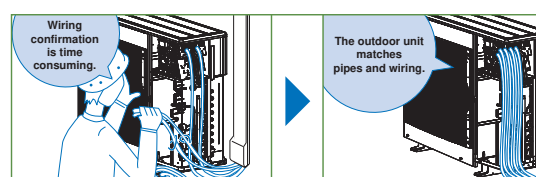
The MXZ Series for R32 offers a ten-system line-up to choose from, ranging between 3.3 and 12.0kW. All of them are compatible with specific M, S and P series indoor units. A single outdoor unit can handle a wide range of building layouts.

Support Functions

Wiring/Piping Correction Function* (3F54/3F68/4F72/4F80/4F83/5F102/6F120)

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.)

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				Please refer to*3									
Outdoor Unit				MXZ-2F33VF4	MXZ-2F42VF4	MXZ-2F53VF4	MXZ-2F53VFH4	MXZ-3F54VF4	MXZ-3F68VF4	MXZ-4F72VF4	MXZ-4F80VF4	MXZ-4F83VF2	MXZ-5F102VF2
Refrigerant				R32									
Power Supply	Source	Outdoor power supply											
	Outdoor (V/Phase/Hz)	220 - 230 - 240V / Single / 50Hz											
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
	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*1		kWh/a	189	169	216	216	222	301	311	368	342	436
	SEER*3			6.1	8.7	8.6	8.6	8.5	7.9	8.1	7.6	8.5	8.2
Heating	Energy Efficiency Class*3			A++	A+++	A+++	A+++	A+++	A++	A++	A++	A+++	A++
	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
	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	4.8	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*1		kWh/a	944	1065	1065	1089	1583	2321	2389	2389	2087	2205
	SCOP*3			4.0	4.6	4.6	4.5	4.6	4.1	4.1	4.1	4.7	4.6
Energy Efficiency Class*3			A+	A++	A++	A+	A++	A+	A+	A+	A++	A++	
Max. Operating Current (Indoor+Outdoor)				A	10.0	12.2	12.2	12.2	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 - 330 (+66)				796 - 950 - 330	
	Weight		kg	33	37	37	38	58	58	59	59	62	62
	Air Volume	Cooling	m³/min	30.8	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
	Breaker Size		A	15	15	15	15	25	25	25	25	25	25
Ext. Piping	Port Diameter	Liquid	mm	6.35 x 2	6.35 x 2	6.35 x 2	6.35 x 2	6.35 x 3	6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 4	6.35 x 5
		Gas	mm	9.52 x 2	9.52 x 2	9.52 x 2	9.52 x 2	9.52 x 3	9.52 x 3	12.7 x 1+9.52 x 3	12.7 x 1+9.52 x 3	12.7 x 1+9.52 x 3	12.7 x 1+9.52 x 4
	Total Piping Length (max)	m	20	30	30	30	50	60	60	60	70	80	
	Each Indoor Unit Piping Length (max)	m	15	20	20	20	25	25	25	25	25	25	
	Max. Height	m	10	15 (10)*2	15 (10)*2	15 (10)*2	15 (10)*2	15 (10)*2	15 (10)*2	15 (10)*2	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	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
	Heating	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-20 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24
Refrigerant/GWP				R32/675*4	R32/675*4	R32/675*4	R32/675*4	R32/675*4	R32/675*4	R32/675*4	R32/675*4	R32/675*3	R32/675*3
Pre-Charged Quantity	Weight	kg	0.8	1.0	1.0	1.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	CO2 equivalent	t	0.54	0.68	0.68	0.68	1.62	1.62	1.62	1.62	1.62	1.62	1.62
Max Added Quantity	Weight	kg	0.8	1.0	1.0	1.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	CO2 equivalent	t	0.54	0.68	0.68	0.68	1.62	1.62	1.62	1.62	1.62	1.62	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 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-2F33VF4 MSZ-AP15VG + MSZ-LN18VG2
 MXZ-2F42VF4 MSZ-LN18VG2 + MSZ-LN25VG2
 MXZ-2F53VF4/VFH4 MSZ-LN18VG2 + MSZ-LN35VG2
 MXZ-3F54VF4 MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2
 MXZ-3F68VF4 MSZ-LN18VG2 + MSZ-LN25VG2 + MSZ-LN25VG2
 MXZ-4F72VF4 MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2
 MXZ-4F80VF4 MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN25VG2
 MXZ-4F83VF2 MSZ-LN18VG + MSZ-LN18VG + MSZ-LN25VG + MSZ-LN25VG
 MXZ-5F102VF2 MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN25VG2 + MSZ-LN25VG2

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

Type (Inverter Multi - Split Heat Pump)				Up to 6 Indoor Units	
Indoor Unit				Please refer to*1	
Outdoor Unit				MXZ-6F120VF2	
Refrigerant				R32	
Power Supply	Source			Outdoor power supply	
	Outdoor (V/Phase/Hz)			220 - 230 - 240V / Single / 50Hz	
Cooling	Capacity	Rated	kW	12.0	
	Input	Rated	kW	3.60	
	EER*1			3.33	
Heating	Capacity	Rated	kW	14.0	
		Min-Max	kW	3.5 - 16.5	
	Input	Rated	kW	3.31	
	COP*1			4.23	
Operating Current (max)			A	29.8	
Outdoor Unit	Dimensions	H x W x D		mm	1048-950-330
	Weight			kg	87
	Air Volume	Cooling	m³/min	63	
		Heating	m³/min	77	
	Sound Level (SPL)	Cooling	dB(A)	55	
		Heating	dB(A)	57	
	Sound Level (PWL)	Cooling	dB(A)	69	
		Heating	dB(A)	74	
Breaker Size			A	32	
Ext. Piping	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
Refrigerant/GWP				R32/675*2	
Pre-Charged Quantity		Weight	kg	2.4	
		CO ₂ equivalent	t	1.62	
Max Added Quantity		Weight	kg	2.4	
		CO ₂ equivalent	t	1.62	

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

MXZ-6F120VF2

[EER/COP] MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN25VG2 + MSZ

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

PUMY-SP SERIES

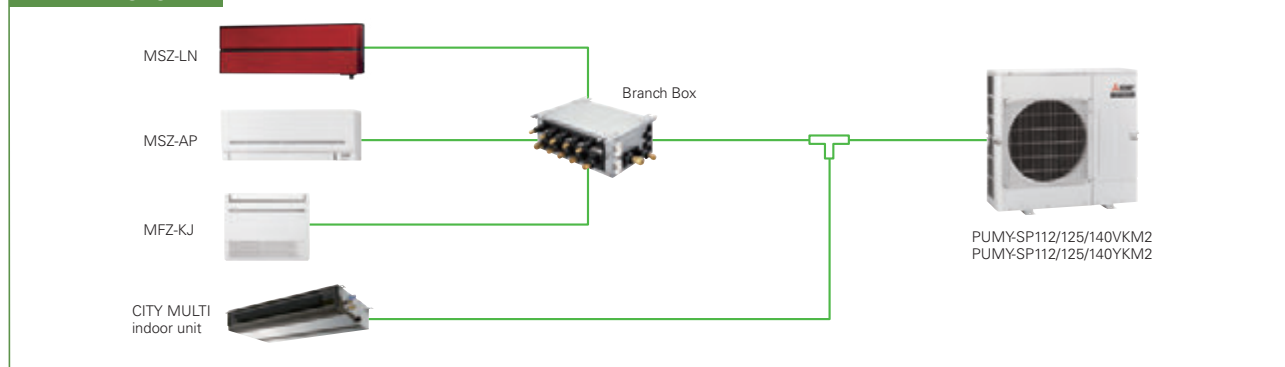
Air conditioning system supports replacement work by simplifying the installation process. Ideal for supporting renewal needs at small offices and stores, home offices, etc.



R410A

PUMY-SP112/125/140VKM2
PUMY-SP112/125/140YKM2

EXAMPLE SYSTEM



Light weight and compact size

Compact design fits into narrow outdoor unit space of condominiums and offices. Light weight design facilitates easy installation and transportation.



PUMY-P112/125/140YKM5(-BS)

Height 1,338mm
Weight 125kg

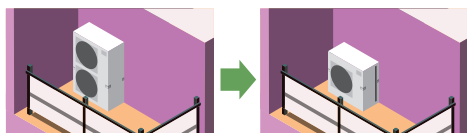


PUMY-SP112/125/140YKM2(-BS)

Height 981mm **27% reduction**
Weight 94kg **25% reduction**

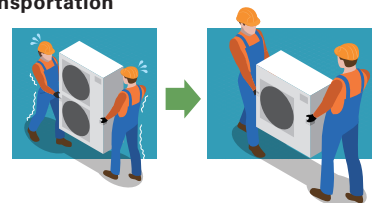
Unobstructive, compact, and easy to hide from view

Conventional 2-fan type outdoor units may spoil the view. Due to its compact size, the new outdoor fan unit can be installed in locations that would have been inappropriate.



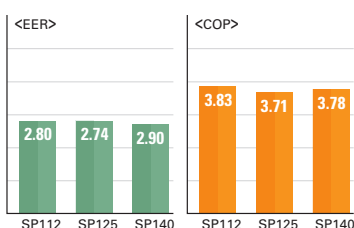
Easy installation and transportation

The reduced weight and height allow for better transportation performance. Carrying and installing become easier.



Industry's top energy efficiency

Even with its compact size and light weight, it has a high EER and COP. Costs are reduced with the industry's best energy saving abilities.



Super silent mode*

Noise level can be reduced up to 10dB(A). This allows you to operate the unit even in the night in a residential zone.

*Capacity reduction differs by mode setting.

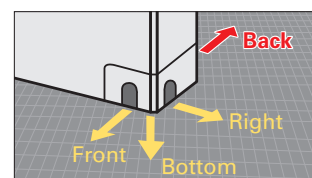
*PAC-SC36NA-E is required to activate Super Silent mode.

Rear piping is available

Freedom with layout due to its piping pullout locations in four directions

The in-door unit allows piping from any four directions; front, back, bottom, or right. This enables easier horizontal connection for collective layout.

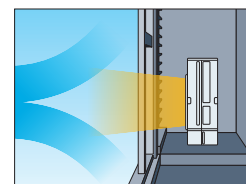
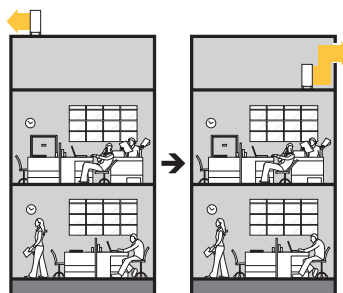
The out-door unit with an expanded piping layout flexibility greatly improves piping workability.



An external static pressure of 30Pa

The installation location is flexible, thanks to its 30Pa static pressure. You can install it in locations that you could not before.

An external static pressure of 30Pa allows outdoor unit to be installed on balconies in high-rise building or spaces near louvers.



*Noise level will increase when using this function.

PUMY-SP SERIES

INVERTER MULTI



Model		PUMY-SP112VKM2 (-BS)	PUMY-SP125VKM2 (-BS)	PUMY-SP140VKM2 (-BS)	PUMY-SP112VKM2 (-BS)	PUMY-SP125VKM2 (-BS)	PUMY-SP140VKM2 (-BS)
Power Source		1-phase 220-230-240V 50Hz, 220V 60Hz			3-phase 380-400-415V 50Hz, 380V 60Hz		
Cooling Capacity (Nominal)	*1	kW	12.5	14.0	15.5	12.5	14.0
	Power Input	kW	4.46	5.11	5.34	4.46	5.11
	Current Input	A	20.69 - 19.79 - 18.97, 20.69	23.71 - 22.68 - 21.73, 23.71	24.77 - 23.70 - 22.71, 24.77	7.14 - 6.78 - 6.54, 7.14	8.18 - 7.77 - 7.49, 8.18
	EER	kW / kW	2.80	2.74	2.90	2.80	2.74
Temp. Range of Cooling	Indoor Temp.	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)
	Outdoor Temp.*2	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)
Heating Capacity (Nominal)	*3	kW	14.0	16.0	16.5	14.0	16.5
	Power Input	kW	3.66	4.31	4.36	3.66	4.31
	Current Input	A	16.98 - 16.24 - 15.57, 16.98	20.00 - 19.13 - 18.33, 20.00	20.23 - 19.35 - 18.54, 20.23	5.86 - 5.57 - 5.36, 5.86	6.90 - 6.55 - 6.32, 6.90
	COP	kW / kW	3.83	3.71	3.78	3.83	3.71
Temp. Range Of Heating	Indoor Temp.	D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)
	Outdoor Temp.	W.B.	-20.0~15.0°C (-4~59°F)	-20.0~15.0°C (-4~59°F)	-20.0~15.0°C (-4~59°F)	-20.0~15.0°C (-4~59°F)	-20.0~15.0°C (-4~59°F)
Indoor Unit Connectable	Total Capacity		50~130 % of outdoor unit capacity	50~130 % of outdoor unit capacity	50~130 % of outdoor unit capacity	50~130 % of outdoor unit capacity	50~130 % of outdoor unit capacity
	Model / Quantity	City Multi*4	10-140/12	10 - 140 / 12	10 - 140 / 12	10 - 140 / 12	10 - 140 / 12
	Mixed System	Branch Box 1 unit	City Multi	15 - 100 / 8	15 - 100 / 8	15 - 100 / 8	15 - 100 / 8
		Branch Box 2 units	City Multi	10 - 140 / 5	10 - 140 / 5	10 - 140 / 5	10 - 140 / 5
Sound Pressure Level (Measured In Anechoic Room)	Branch Box 1 unit	City Multi	10 - 140 / 5	10 - 140 / 5	10 - 140 / 5	10 - 140 / 5	10 - 140 / 5
		City Multi	15 - 100 / 5	15 - 100 / 5	15 - 100 / 5	15 - 100 / 5	15 - 100 / 5
		City Multi	10 - 140 / 3	10 - 140 / 3	10 - 140 / 3	10 - 140 / 3	10 - 140 / 3
	Branch Box 2 units	City Multi	15 - 100 / 8	15 - 100 / 8	15 - 100 / 8	15 - 100 / 8	15 - 100 / 8
Sound Power Level (Measured In Anechoic Room)		dB <A>	52/54	53/56	54/56	52/54	53/56
Refrigerant Piping Diameter		mm (in.)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Fan	Liquid Pipe	mm (in.)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
	Gas Pipe	mm (in.)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
	Type x Quantity		Propeller Fan x 1	Propeller Fan x 1	Propeller Fan x 1	Propeller Fan x 1	Propeller Fan x 1
	Air Flow Rate	m³/min	77	83	83	77	83
Compressor	Motor Output	kW	0.20 x 1	0.20 x 1	0.20 x 1	0.20 x 1	0.20 x 1
	External Static Press.	Pa	30Pa*6	30Pa*6	30Pa*6	30Pa*6	30Pa*6
	Type x Quantity		Twin rotary hermetic compressor x 1				
	Starting Method		Inverter				
External dimension H x W x D	Motor Output	kW	3.9	3.9	4.2	3.9	4.1
	mm		981 x 1,050 x 330 (+40)				
	in.		38-5/8 x 41-3/8 x 13 (+1-37/64)				
	kg (lbs)		93 (205)*7				
Net Weight			94 (207)*8				

*1,*3 Nominal conditions

	Indoor	Outdoor	Piping Length	Level Difference	External Static Press. (Outdoor Unit)
Cooling	27°C DB / 19°C WB	35°C	7.5m (24 - 9' 16ft.)	0m (0ft)	0 Pa
Heating	20°C DB	7°C DB / 6°C WB	7.5m (24 - 9' 16ft.)	0m (0ft)	0 Pa

*2 10 to 52°C; In case of connecting PKFY-P15/P20/P25VBM, PKFY-P10/15/20/25/32VLM, PFFY-P20/P25/P32VKM, PFFY-P20/25/32VCM, PFFY-P20/P25/P32VLE(R)M indoor unit and M series indoor unit with connection kit and M series, S series, and P series type indoor unit with branch box.

*4 It is possible to connect 1 Fresh Air type indoor unit to 1 outdoor unit. (1:1 system)

*5 At least 2 indoor units must be connected when using branch box.

*6 0 Pa as initial setting

*7 94 (207), for PUMY-SP112/125/140YKM2-BS

*8 95 (209), for PUMY-SP112/125/140YKM2-BS

Type	Branch Box	
Model Name	PAC-MK54BC	PAC-MK34BC
Connectable Number of Indoor Units	Maximum 5	Maximum 3
Power Supply (from outdoor unit)	~ / N, 220 / 230 / 240 V, 50 Hz, ~ / N, 220 / 230 V, 60 Hz	
Input	kW	0.003
Running Current	A	0.05 (Max. 6)
Dimensions	H x W x D	mm
Weight	kg	170 x 450 x 280
Piping Connection (Flare)	Branch	mm
	[Indoor Side]	Liquid
		Gas
	Main	mm
	[Outdoor Side]	Liquid
		Gas
		mm
		mm

* The piping connection size differs according to the type and capacity of outdoor/indoor units. Match the piping connection size of branch box with outdoor/indoor unit. If the piping connection size of branch box does not match the piping connection size of outdoor/indoor unit, use optional different-diameter (deformed) joints to the branch box side. (Connect deformed joint directly to the branch box side.)

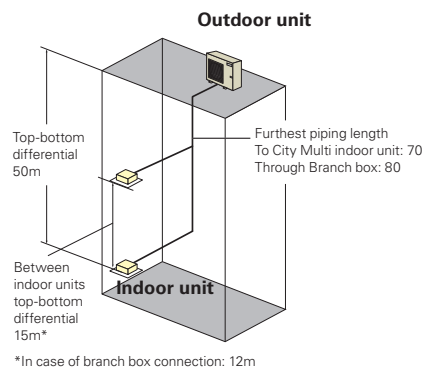
<Branch box compatible table>

Branch box		PAC-MK31/ 51BC(B)	PAC-MK32/ 52BC(B)	PAC-MK33/ 53BC(B)	PAC-MK33/ 54BC
Outdoor unit					
Outdoor unit 1fan	PUMY-SP112/125/140V/YKM2(-BS)	N/A	N/A	✓*	✓*
Outdoor unit 2fan	PUMY-P112/125/140VKM6(-BS)	N/A	N/A	✓	✓
	PUMY-P112/125/140YKM5(-BS)	N/A	N/A	✓	✓
	PUMY-P200YKM3(-BS)	N/A	N/A	✓*	✓*
	PUMY-P250/300YBM2(-BS)	N/A	N/A	✓*	✓*

*ecodan is NG

[SP112~140V/YKM2(-BS)]

Refrigerant Piping Lengths	Maximum meters	Vertical differentials between units	Maximum meters
Total length	120	Indoor/outdoor (outdoor higher)	50
Maximum allowable length	To City Multi indoor unit: 70	Indoor/outdoor (outdoor lower)	30
	Through Branch box: 80	Indoor/indoor	15*



PUMY-P SERIES

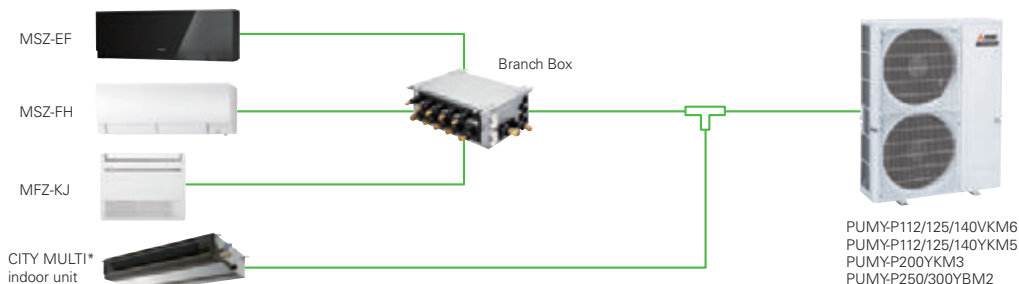
Air conditioning system supports replacement work by simplifying the installation process. Ideal for supporting renewal needs at small offices and stores, home offices, etc.



R410A

PUMY-P112/125/140VKM6
PUMY-P112/125/140YKM5
PUMY-P200YKM3
PUMY-P250/300YBM2

EXAMPLE SYSTEM



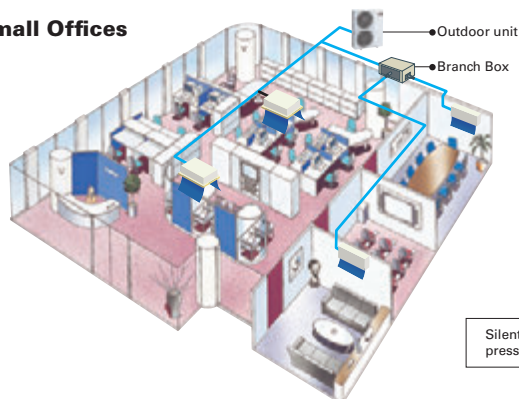
*In case of mix system (CITY MULTI indoor unit with Branch box), PKFY and PFFY series are not connectable. (P112/125/140/250/300)

The two-pipe zoned system designed for Heat Pump Operation

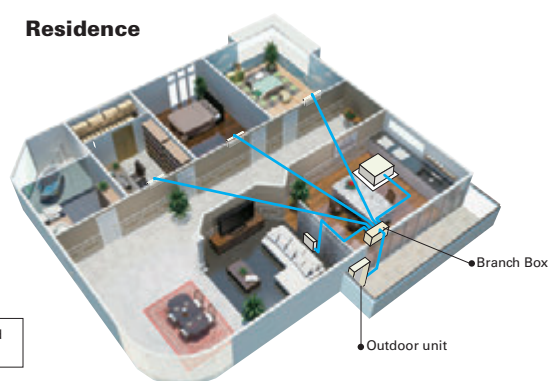
PUMY series make use of a two-pipe refrigerant system, which allows for system changeover from cooling to heating, ensuring that a constant indoor climate is maintained in all zones. The compact outdoor unit utilizes R410A refrigerant and an INVERTER-driven compressor to use energy effectively.

With a wide range of indoor unit line-up in connection with a flexible piping system, PUMY series can be configured for all applications. Up to 12 (P250/300: Up to 30) indoor units can be connected with up to 130% connected capacity to maximize engineer's design options. This feature allows easy air conditioning in each area with convenient individual controllers.

Small Offices



Residence



Silent mode can reduce sound pressure level by 3dB(A)

			Maximum Meters			
P112/125/140	Refrigerant Piping Length	Total Length	Only City Multi*1 Indoor Unit	Only Branch Box Connection	Mixed System (City Multi*1 Indoor Unit + Branch Box) City Multi*1 Indoor Unit	Via Branch Box
		Maximum Allowable Length	300	150	240 (2 Branch boxes) / 300 (1 Branch box)	80
P112/125/140	Vertical Differentials Between Units	Farthest Indoor From First Branch	150 (175 equivalent)	80	85 (95 equivalent)	80
		Piping Length Between Outdoor Unit and Branch Boxes	30	—	30	—
		Indoor/Outdoor (Outdoor higher)	—	55	—	55
		Indoor/Outdoor (Outdoor Lower)	50	50	50	—
		Indoor/Outdoor (Outdoor Lower)	40*2	40	40	—
		Indoor/Indoor	15	12	12	—
P200	Refrigerant Piping Length	Total Length	150	150	150	—
		Maximum Allowable Length	80 (90 equivalent)	80	80 (90 equivalent)	80
		Farthest Indoor From First Branch	30	—	30	—
		Piping Length Between Outdoor Unit and Branch Boxes	—	55	—	55
		Indoor/Outdoor (Outdoor higher)	50	50	50	—
		Indoor/Outdoor (Outdoor Lower)	40	40	40	—
P250/300	Refrigerant Piping Length	Total Length	310	240	310	—
		Maximum Allowable Length	150 (175 equivalent)	80	85 (95 equivalent)	80
		Farthest Indoor From First Branch	30	—	30	—
		Piping Length Between Outdoor Unit and Branch Boxes	—	95	—	95
		Indoor/Outdoor (Outdoor higher)	50	50	50	—
		Indoor/Outdoor (Outdoor Lower)	40	40	40	—
P250/300	Vertical Differentials Between Units	Indoor/Outdoor (Outdoor Lower)	40	40	40	—
		Indoor/Indoor	15	12	12	—

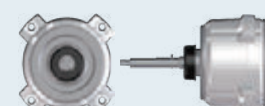
*1 Include system with connection kit *2 In case of including PKFY or PFFY, height between units is 30m.

30Pa external static pressure* Option (requires PAC-SJ71FM-E)

An external static pressure of 30Pa enables the outdoor unit to be installed on balconies in high-rise building or spaces near louvers.

* PUMY-P112/125/140VKM6(-BS), PUMY-P112/125/140YKM5(-BS) only.
* Noise level will increase when using this function.

30Pa external static pressure fan motor (option)
(PAC-SJ71FM-E)





Model			PUMY-P112VKM6 (-BS)	PUMY-P125VKM6 (-BS)	PUMY-P140VKM6 (-BS)	PUMY-P112YKM5 (-BS)	PUMY-P125YKM5 (-BS)	PUMY-P140YKM5 (-BS)	PUMY-P200YKM3 (-BS)	PUMY-P250YBM2 (-BS)	PUMY-P300YBM2 (-BS)	
Power Source			1-phase 220-230-240V 50Hz, 220-230V 60Hz			3-phase 380-400-415V 50Hz, 380V 60Hz			3-phase 380-400-415V 50Hz			
Cooling Capacity (Nominal)	Power Input	kW	12.5	14.0	15.5	12.5	14.0	15.5	22.4	28.0	33.5	
		kVA	4.34	5.00	5.17	4.34	5.00	5.17	7.18	8.21	11.96	
		A	20.03-19.16-18.36-20.03-19.16	23.08-22.08-21.16-23.08-22.08	23.86-22.86-21.82-23.86-22.83	7.76-7.37-7.11, 7.76	8.45-8.02-7.73, 8.45	8.27-7.86-7.58, 8.27	11.73-11.15-10.75	13.41-12.74-12.28	19.54-18.56-17.89	
EER	kW / kW	2.88	2.80	3.00	2.88	2.80	3.00	3.12	3.41	2.80		
Temp. Range of Cooling	Indoor Temp.	W.B.	15.0-24.0°C (59-75°F)	15.0-24.0°C (59-75°F)	15.0-24.0°C (59-75°F)	15.0-24.0°C (59-75°F)	15.0-24.0°C (59-75°F)	15.0-24.0°C (59-75°F)	15.0-24.0°C (59-75°F)	15.0-24.0°C (59-75°F)	15.0-24.0°C (59-75°F)	
Outdoor Temp.	D.B.	-5.0-52.0°C (23-126°F)	-5.0-52.0°C (23-126°F)	-5.0-52.0°C (23-126°F)	-5.0-52.0°C (23-126°F)	-5.0-52.0°C (23-126°F)	-5.0-52.0°C (23-126°F)	-5.0-52.0°C (23-126°F)	-5.0-52.0°C (23-126°F)	-5.0-52.0°C (23-126°F)	-5.0-52.0°C (23-126°F)	
Heating Capacity (Nominal)	Power Input	kW	14.0	16.0	18.0	14.0	16.0	18.0	25.0	31.5	37.5	
		kVA	3.49	4.06	4.63	3.49	4.06	4.63	5.85	7.91	9.69	
		A	16.11-15.41-14.71-16.11-15.41	18.74-17.83-17.16-18.74-17.83	21.37-20.44-19.59-21.37-20.44	6.24-5.93-5.72, 6.24	6.86-6.52-6.28, 6.86	7.41-7.04-6.79, 7.41	9.56-9.08-8.76	12.92-12.28-11.83	15.83-15.04-14.50	
COP	kW / kW	4.01	3.94	3.89	4.01	3.94	3.89	4.27	3.98	3.87		
Temp. Range Of Heating	Indoor Temp.	D.B.	15.0-27.0°C (59-81°F)	15.0-27.0°C (59-81°F)	15.0-27.0°C (59-81°F)	15.0-27.0°C (59-81°F)	15.0-27.0°C (59-81°F)	15.0-27.0°C (59-81°F)	15.0-27.0°C (59-81°F)	15.0-27.0°C (59-81°F)	15.0-27.0°C (59-81°F)	
Outdoor Temp.	W.B.	20.0-15.0°C (4-59°F)	20.0-15.0°C (4-59°F)	20.0-15.0°C (4-59°F)	20.0-15.0°C (4-59°F)	20.0-15.0°C (4-59°F)	20.0-15.0°C (4-59°F)	20.0-15.0°C (4-59°F)	20.0-15.0°C (4-59°F)	20.0-15.0°C (4-59°F)	20.0-15.0°C (4-59°F)	
Indoor Unit Connectable	Total Capacity		50-130 % of outdoor unit capacity			50-130 % of outdoor unit capacity			50-130 % of outdoor unit capacity			
	Model / Quantity		10 - 140 / 9			10 - 140 / 9			10 - 140 / 12			
	Mixed System	Branch Box 1 unit	City Multi ^{*4}			City Multi ^{*4}			City Multi ^{*4}			
		Branch Box 2 units	15 - 100 / 8			15 - 100 / 8			15 - 100 / 8			
		Branch Box 3 units	10 - 140 / 5			10 - 140 / 5			10 - 140 / 5			
		Branch Box 4 units	15 - 100 / 5			15 - 100 / 5			15 - 100 / 5			
		Branch Box 5 units	10 - 140 / 3 or 2 ^{*3}			10 - 140 / 3			10 - 140 / 3			
		Branch Box 6 units	15 - 100 / 7 or 8 ^{*3}			15 - 100 / 7 or 8 ^{*3}			15 - 100 / 8			
		Branch Box 7 units	-			-			-			
Branch Box 8 units		-			-			-				
Sound Pressure Level (Measured In Anechoic Room)		dB <A>			dB <A>			dB <A>				
		49/51			50/52			51/53				
Sound Power Level (Measured In Anechoic Room)		dB <A>			dB <A>			dB <A>				
		69/71			70/72			71/73				
Refrigerant Piping Diameter	Liquid Pipe	mm (in.)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8) ^{**}	9.52 (3/8) ^{**}	12.7 (1/2)	
Fan	Gas Pipe	mm (in.)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	19.05 (4/3)	22.4 (7/8)	22.4 (7/8)	
Fan	Type x Quantity	Propeller Fan x 2		Propeller Fan x 2		Propeller Fan x 2		Propeller Fan x 2		Propeller Fan x 2		
	Air Flow Rate	m ³ /min	110	110	110	110	110	110	139/141	165/183	165/183	
	L/s	1,833	2,137	1,833	1,833	1,833	1,833	2,317/2,350	2,750/3,050	2,750/3,050		
		cfm	3,884	3,884	3,884	3,884	3,884	3,884	4,909/4,979	5,826/6,462	5,826/6,462	
Compressor	Motor Output	kW	0.074 x 2	0.074 x 2	0.074 x 2	0.074 x 2	0.074 x 2	0.074 x 2	0.20 x 2	0.375 x 2	0.375 x 2	
	Type x Quantity	Scroll hermetic compressor x 1										
	Starting Method	Inverter										
Motor Output		kW	2.9	3.5	3.9	2.9	3.5	3.9		8.87	10.15	
	mm	1,338 x 1,050 x 330 (+40)									1,662 x 1,050 x 460 (+45)	
External Dimension H x W x D	in.	52-11/16 x 41-11/32 x 13 (+1-9/16)									65-7/16 x 41-11/32 x 187/64 (+1-9/64)	
Net Weight	kg (lbs)	123 (271)				125 (276)				141 (311)		
										192 (423)		

*1, *4 Nominal conditions

	Indoor	Outdoor	Piping Length	Level Difference
Cooling	27°C DB / 19°C WB	35°C	75m	0m
Heating	20°C DB	7°C DB / 6°C WB	75m	0m

*2 10 to 52°C D.B.: When connecting PKFY-P10/15/20/25/32VLM, PKFY-P15/20/25VBM, PFFY-P20/25/32VKM and PFFY-P20/25/32VCM, PFFY-P20/25/32VLE(R)M, PEFY-P-VMA3, M, S and P series indoor unit.

*3 When connecting 7 indoor units via branch box, connectable City Multi indoor units are 3; connecting 8 indoor units via branch box, connectable indoor units are 2.

*5 It is possible to connect 1 Fresh Air type indoor unit to 1 outdoor unit. (1:1 system)

*6 At least 2 indoor units must be connected when using branch box.

*7 Liquid pipe diameter: 12.7mm when piping length is more than 60m.

*8 Liquid pipe diameter: 12.7mm, when further piping length is longer than 90m, and when PEFY-P200 or P250 is connected.

Type			Branch Box	
Model Name			PAC-MK54BC	PAC-MK34BC
Connectable Number of Indoor Units			Maximum 5	Maximum 3
Power Supply (from outdoor unit)			~ / N, 220 / 230 / 240 V, 50 Hz, ~ / N, 220 / 230 V, 60 Hz	
Input			kW	
Running Current			A	
Dimensions			H x W x D	
Weight			kg	
Piping Connection (Flare)	Branch [Indoor Side]	Liquid	mm	ø6.35 × 5
		Gas	mm	ø9.52 × 4, ø12.7 × 1
	Main [Outdoor Side]	Liquid	mm	ø9.52
		Gas	mm	ø15.88

* The piping connection size differs according to the type and capacity of outdoor/indoor units.
Match the piping connection size of branch box with outdoor/indoor unit.
If the piping connection size of branch box does not match the piping connection size of outdoor/indoor unit, use optional different-diameter (deformed) joints to the branch box side.
(Connect deformed joint directly to the branch box side.)

Indoor Unit Compatibility Table

■ MXZ Series R32

Possible combinations of outdoor units and indoor units are shown below.

Indoor Unit			Outdoor Unit		Inverter Models Heat pump type													
					MXZ-3 2F33VF4	MXZ-3 2F42VF4	MXZ-3 2F53VF(H)4	MXZ-3 2F53VFH2	MXZ-3 3F54VF4	MXZ-3 3F68VF4	MXZ-3 4F72VF4	MXZ-3 4F80VF4	MXZ-3 4F83VF2	MXZ-3 4F83VFH2	MXZ-3 5F102VF2	MXZ-3 6F120VF2	MXZ-3 2HA40VF2	MXZ-3 2HA50VF2
M series	Wall-Mounted	MSZ-RW25VG																
		MSZ-RW35VG																
		MSZ-RW50VG																
		MSZ-LN18VG2(W)(V)(R)(B)																
		MSZ-LN25VG2(W)(V)(R)(B)																
		MSZ-LN35VG2(W)(V)(R)(B)																
		MSZ-LN50VG2(W)(V)(R)(B)																
		MSZ-FT25VG																
		MSZ-FT35VG																
		MSZ-FT50VG																
		MSZ-AP15VG(K)																
		MSZ-AP20VG(K)																
		MSZ-AY25VG(K)																
		MSZ-AY35VG(K)																
		MSZ-AY42VG(K)																
		MSZ-AY50VG(K)																
		MSZ-AP60VG(K)																
		MSZ-AP71VG(K)																
		MSZ-EF18VG(K)(W)(B)(S)																
		MSZ-EF22VG(K)(W)(B)(S)																
		MSZ-EF25VG(K)(W)(B)(S)																
		MSZ-EF35VG(K)(W)(B)(S)																
		MSZ-EF42VG(K)(W)(B)(S)																
		MSZ-EF50VG(K)(W)(B)(S)																
		MSZ-BT20VG(K)																
		MSZ-BT25VG(K)																
		MSZ-BT35VG(K)																
		MSZ-BT50VG(K)																
	MSZ-HR25VF(K)																	
	MSZ-HR35VF(K)																	
	MSZ-HR42VF(K)																	
	MSZ-HR50VF(K)																	
	MSZ-HR60VF(K)																	
	MSZ-HR71VF(K)																	
Floor-Standing	MFZ-KT25VG																	
	MFZ-KT35VG																	
	MFZ-KT50VG																	
	1-way Cassette	MLZ-KP25VF																
		MLZ-KP35VF																
MLZ-KP50VF																		
MLZ-KY20VG																		
S series	2x2 Cassette	SLZ-M15FA2																
		SLZ-M25FA2																
		SLZ-M35FA2																
		SLZ-M50FA2																
	Ceiling-Concealed	SEZ-M25DA2 *2																
		SEZ-M25DAL2 *2																
		SEZ-M35DA2																
		SEZ-M35DAL2																
		SEZ-M50DA2																
		SEZ-M50DAL2																
		SEZ-M60DA2																
		SEZ-M60DAL2																
		SEZ-M71DA2																
		SEZ-M71DAL2																
	Concealed Floor-Standing	SFZ-M25VA																
		SFZ-M35VA																
		SFZ-M50VA																
		SFZ-M60VA																
		SFZ-M71VA																
	P series	Ceiling-Suspended	PCA-M50KA2															
PCA-M60KA2																		
PCA-M71KA2																		
Ceiling-Concealed		PEAD-M35JA2																
		PEAD-M35JAL2																
		PEAD-M50JA2																
		PEAD-M50JAL2																
		PEAD-M60JA2																
		PEAD-M60JAL2																
		PEAD-M71JA2																
PEAD-M71JAL2																		

*1 Maximum total current of indoor units: 3A or less.

*2 SEZ-M25 cannot be connected with MXZ-2F/3F/4F when total capacity of connected indoor units is equivalent to outdoor capacity (capacity ratio is 1).

*3 MXZ outdoor units are not designed to operate with a single indoor unit with one-to-one piping work. Please install at least two indoor units.

*4 P series cannot be connected with MXZ-4F83VFH2 when ampere limit adjustment function is operated.

MXZ Series **R410A**

Possible combinations of outdoor units and indoor units are shown below.

Indoor Unit			Outdoor Unit	Inverter Models Heat pump type											
			MXZ- ⁻³ 2D33VA	MXZ- ⁻³ 2D42VA2	MXZ- ⁻³ 2D53VA(H)2	MXZ- ⁻³ 2E53VAHZ	MXZ- ⁻³ 3E54VA	MXZ- ⁻³ 3E68VA	MXZ- ⁻³ 4E72VA	MXZ- ⁻³ 4E83VA	MXZ- ⁻³ 4E83VAHZ	MXZ- ⁻³ 5E102VA	MXZ- ⁻³ 6D122VA2	MXZ- ⁻³ 2DM40VA	MXZ- ⁻³ 3DM50VA
M series	Wall-Mounted	MSZ-LN18VG(W)(V)(R)(B)													
		MSZ-LN25VG(W)(V)(R)(B)	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-LN35VG(W)(V)(R)(B)		●	●	●	●	●	●	●	●	●	●		
		MSZ-LN50VG(W)(V)(R)(B)													
		MSZ-AP15VG ^{*7}	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-AP20VG ^{*7}	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-AP25VG ^{*7}	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-AP35VG ^{*7}		●	●	●	●	●	●	●	●	●	●		
		MSZ-AP42VG ^{*7}			●	●	●	●	●	●	●	●	●		
		MSZ-AP50VG ^{*7}			●	●	●	●	●	●	●	●	●		
		MSZ-EF18VG(W)(B)(S)	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-EF22VG(W)(B)(S)	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-EF25VG(W)(B)(S)	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-EF35VG(W)(B)(S)		●	●	●	●	●	●	●	●	●	●		
		MSZ-EF42VG(W)(B)(S)			●	●	●	●	●	●	●	●	●		
		MSZ-EF50VG(W)(B)(S)			●	●	●	●	●	●	●	●	●		
		MSZ-FH25VE2	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-FH35VE2		●	●	●	●	●	●	●	●	●	●		
		MSZ-FH50VE2					●	●	●	●	●	●	●		
		MSZ-SF15VA	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-SF20VA	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-SF25VE3	●	●	●	●	●	●	●	●	●	●	●		
		MSZ-SF35VE3		●	●	●	●	●	●	●	●	●	●		
		MSZ-SF42VE3			●	●	●	●	●	●	●	●	●		
		MSZ-SF50VE3			●	●	●	●	●	●	●	●	●		
		MSZ-GF60VE2					●	●	●	●	●	●	●		
		MSZ-GF71VE2						●	●	●	●	●	●		
		MSZ-DM25VA												●	●
	MSZ-DM35VA												●	●	
	MSZ-HJ25VA												●	●	
	MSZ-HJ35VA												●	●	
	MSZ-HJ50VA													●	
	Floor-Standing	MFZ-KJ25VE2	● ^{*4*5}	● ^{*4}	● ^{*4}	●	● ^{*4}	● ^{*4}	●	●	●	●	●		
		MFZ-KJ35VE2		● ^{*4}	● ^{*4}	●	● ^{*4}	● ^{*4}	●	●	●	●	●		
		MFZ-KJ50VE2					● ^{*4}	● ^{*4}	●	●	●	●	●		
		MLZ-KP25VF	●	●	●	●	●	●	●	●	●	●	●		
		MLZ-KP35VF		●	●	●	●	●	●	●	●	●	●		
MLZ-KP50VF						●	●	●	●	●	●	●			
S series		2x2 Cassette	SLZ-M15FA												
	SLZ-M25FA		●	●	●	●	●	●	●	●	●	●	●		
	SLZ-M35FA			●	●	●	●	●	●	●	●	●	●		
	SLZ-M50FA						●	●	●	●	●	●	●		
	Ceiling-Concealed	SEZ-M25DA ^{*2}	●	●	●	●	●	●	●	●	●	●	●		
		SEZ-M25DAL ^{*2}	●	●	●	●	●	●	●	●	●	●	●		
		SEZ-M35DA		●	●	●	●	●	●	●	●	●	●		
		SEZ-M35DAL		●	●	●	●	●	●	●	●	●	●		
		SEZ-M50DA					●	●	●	●	●	●	●		
		SEZ-M50DAL					●	●	●	●	●	●	●		
		SEZ-M60DA					●	●	●	●	●	●	●		
		SEZ-M60DAL					●	●	●	●	●	●	●		
		SEZ-M71DA							●	●	●	●	●		
SEZ-M71DAL							●	●	●	●	●				
P series	4-way Cassette	PLA-M50EA					●	●	●	●	● ^{*6}	●	●		
		PLA-M60EA						●	●	●	● ^{*6}	●	●		
		PLA-M71EA							●	●	● ^{*6}	●	●		
	Ceiling-Suspended	PCA-M50KA					●	●	●	●	● ^{*6}	●	●		
		PCA-M60KA						●	●	●	● ^{*6}	●	●		
		PCA-M71KA							●	●	● ^{*6}	●	●		
	Ceiling-Concealed	PEAD-M50JA					● ^{*1}	● ^{*1}	● ^{*1}	● ^{*1}	● ^{*1*6}	● ^{*1}	● ^{*1}		
		PEAD-M50JAL					● ^{*1}	● ^{*1}	● ^{*1}	● ^{*1}	● ^{*1*6}	● ^{*1}	● ^{*1}		
		PEAD-M60JA								● ^{*1}	● ^{*1*6}	● ^{*1}	● ^{*1}		
		PEAD-M60JAL								● ^{*1}	● ^{*1*6}	● ^{*1}	● ^{*1}		
	PEAD-M71JA								● ^{*1}	● ^{*1*6}	● ^{*1}	● ^{*1}			
	PEAD-M71JAL								● ^{*1}	● ^{*1*6}	● ^{*1}	● ^{*1}			

^{*1} Maximum total current of indoor units: 3A or less.

^{*2} SEZ-KD25 cannot be connected with MXZ-2D(E)/3E/4E/5E when total capacity of connected indoor units is equivalent to outdoor capacity (capacity ratio is 1).

^{*3} MXZ outdoor units are not designed to operate with a single indoor unit with one-to-one piping work. Please install at least two indoor units.

^{*4} When connecting the MFZ-KJ Series indoor unit, additional refrigerant is required. For details, please refer to page 106.

^{*5} Regarding MXZ-2D33, the second unit should be a different type in the case of selecting one MFZ-KJ.

^{*6} P series cannot be connected with MXZ-4E83VAHZ when ampere limit adjustment function is operated.

^{*7} Connectable outdoor unit are MXZ-2D33VA-E4, MXZ-2D42VA2-E4, MXZ-2D53VA2-E4, MXZ-2E53VAHZ-E2, MXZ-3E54VA-E2, MXZ-3E68VA-E2, MXZ-4E72VA-E2, MXZ-4E83VA-E4, MXZ-4E83VAHZ-E3, MXZ-5E102VA-E4.

■ PUMY-SP Series

Branch Box Connection Compatibility Table for PUMY-SP112/125/140

Series	Type	Model Name	Capacity										
			15	18	20	22	25	35	42	50	60	71	100
M series	Wall-Mounted	MSZ-LN•VG2					●	●		●			
		MSZ-RW•VG-E					●	●		●			
		MSZ-AP•VG(K)	●		●		●	●	●	●			
		MSZ-FH•VE2					●	●		●			
		MSZ-EF•VG(K)		●		●	●	●	●	●			
		MSZ-SF•VA	●		●								
		MSZ-AP•VF-E	●		●								
		MSZ-SF•VE3					●	●	●	●			
		MSZ-GF•VE2									●	●	
	Floor-Standing	MFZ-KT•VG					●	●		●			
		MFZ-KJ•VE-E					●	●		●			
	1-way Cassette	MLZ-KP•VF					●	●		●			
		MLZ-KA•VA-E					●	●		●			
S series	Ceiling-Concealed	SEZ-M•DAL(2)					●*1	●*1		●*1	●*1	●*1	
		SEZ-KD•VA-E					●*1	●*1		●*1	●*1	●*1	
	2×2 Cassette	SLZ-M•FA(2)	●*1				●*1	●*1		●*1			
		SLZ-KF•VA-E					●*1	●*1		●*1			
P series	Ceiling-Suspended	PCA-M•KA(2)						●*1		●*1	●*1	●*1	●*1
		PCA-RP•KAQ-E						●*1		●*1	●*1	●*1	●*1
	4-way Cassette	PLA-M•EA(2)						●*1		●*1	●*1	●*1	●*1
		PLA-RP•EA-E						●*1		●*1	●*1	●*1	●*1
	Ceiling-Concealed	PEAD-M•JA(L)(2)								●*1	●*1	●*1	●*1
		PEAD-RP•JAQ(L)-E								●*1	●*1	●*1	●*1

*1 Some functions that can be used by connecting to the P series outdoor unit cannot be used with the PUMY series.

LEV Kit Connection Compatibility Table for PUMY-SP112/125/140

Series	I/U Type	Model Name	Capacity									
			15	18	20	22	25	35	42	50	60	71
M series	Wall-Mounted	MSZ-LN•VG2					●	●		●		
		MSZ-AP•VG(K)	●		●		●	●	●	●		
		MSZ-FH•VE2					●	●		●		
		MSZ-EF•VG(K)		●		●	●	●	●	●		
		MSZ-SF•VA	●		●							
		MSZ-AP•VF-E	●		●							
		MSZ-SF•VE3					●	●	●	●		
	Floor-Standing	MFZ-KT•VG					●	●		●		

CITY MULTI Indoor Unit Compatibility Table for PUMY-SP112/125/140

Series	Type	Model Name	Capacity													
			P10	P15	P20	P25	P32	P40	P50	P63	P71	P80	P100	P125	P140	P200
CITY MULTI series	1-way cassette	PMFY-P•VBM-E			●	●	●	●	●							
	2-way cassette	PLFY-P•VLMD-E			●	●	●	●	●	●		●	●	●		
	4-way cassette	PLFY-M•VEM-E			●	●	●	●	●	●		●	●	●		
		PLFY-M•VEM6-E			●	●	●	●	●	●	●		●	●		
		PLFY-P•VBM-E					●	●	●	●		●	●	●		
		PLFY-P•VEM-E					●	●	●	●		●	●	●		
		PLFY-P•VCM-E					●	●	●	●		●	●	●		
		PLFY-P•VFM-E		●	●	●	●	●	●							
		CEILING-CONCEALED	PEFY-P•VMR-E-L/R			●	●	●								
		PEFY-P•VMS1(L)-E		●	●	●	●	●	●	●						
	PLFY-P•VMA(L)-E			●	●	●	●	●	●	●	●	●	●	●		
	PEFY-M•VMA(L)-A(1)			●	●	●	●	●	●	●	●	●	●	●		
	PEFY-P•VMH(S)-E						●	●	●	●	●	●	●	●		
	PEFY-P•VMH-E-F									●	●			●		
	PEFY-P•VMHS-E-F												●			
	CEILING-SUSPENDED	PCFY-P•VKM-E	●					●		●			●	●		
	WALL-MOUNTED	PKFY-P•VLM-E	●	●	●	●	●	●	●							
		PKFY-P•VBM-E		●	●	●										
		PKFY-P•VHM-E					●	●	●							
		PKFY-P•VKM-E								●			●			
	Built in	PDFY-P•VM-E			●	●	●	●	●	●	●	●	●	●		
	Floor-standing	PFFY-P•VKM-E2			●	●	●	●								
		PFFY-P•VLEM-E			●	●	●	●	●	●						
		PFFY-P•VLRM-E			●	●	●	●	●	●						
		PFFY-P•VLRMM-E			●	●	●	●	●	●						
		PFFY-P•VCM-E			●	●	●	●	●	●						
Lossnay *1		GUF-50/100RD(H)4														

*1 Do not connect Lossnay remote controller(s). (PZ-61DR-E, PZ-60DR-E, PZ-52SF-E, PZ-43SMF-E)

■ PUMY-P Series

Branch Box Connection Compatibility Table for PUMY-P112/125/140/200

Series	Type	Model Name	Capacity										
			15	18	20	22	25	35	42	50	60	71	100
M series	Wall-Mounted	MSZ-LN•VG2					●	●		●			
		MSZ-AP•VG(K)	●		●		●	●	●	●			
		MSZ-AY•VG(K)					●	●	●	●			
		MSZ-FH•VE2					●	●		●			
		MSZ-EF•VE		●		●	●	●	●	●			
		MSZ-EF•VG(K)		●		●	●	●	●	●			
		MSZ-SF•VA	●		●								
		MSZ-AP•VF	●		●								
		MSZ-SF•VE3					●	●	●	●			
		MSZ-GF•VE2									●	●	
	Floor-Standing	MFZ-KT•VG					●	●		●			
		MFZ-KJ•VE-E					●	●		●			
	1-way Cassette	MLZ-KP•VF					●	●		●			
		MLZ-KA•VA-E					●	●		●			
S series	Ceiling-Concealed	SEZ-M•DA(L)					●	●		●	●	●	
		SEZ-KD•VA-E					●	●		●	●	●	
		SEZ-M•DA(L)2-E					●	●		●	●	●	
	2×2 Cassette	SLZ-M•FA(2)	●				●	●		●			
		SLZ-KF•VA-E					●	●		●			
P series	Ceiling-Suspended	PCA-M•KA(2)						●		●	●	●	●
		PCA-RP•KAQ-E						●		●	●	●	●
	4-way Cassette	PLA-M•EA(2)						●		●	●	●	●
		PLA-RP•EA-E						●		●	●	●	●
	Ceiling-Concealed	PEAD-M•JA(L)								●	●	●	●
		PEAD-RP•JA(L)Q-E								●	●	●	●
		PEAD-M•DA(L)2								●	●	●	●

LEV Kit Connection Compatibility Table for PUMY-P112/125/140/200

Series	I/U Type	Model Name	Capacity									
			15	18	20	22	25	35	42	50	60	71
M series	Wall-Mounted	MSZ-LN•VG2					●	●		●		
		MSZ-AP•VG(K)	●		●		●	●	●	●		
		MSZ-AY•VG(K)					●	●	●	●		
		MSZ-FH•VE2					●	●		●		
		MSZ-EF•VG(K)		●		●	●	●	●	●		
		MSZ-SF•VA	●		●							
		MSZ-SF•VE3					●	●	●	●		
	Floor-Standing	MFZ-KT•VG					●	●		●		

CITY MULTI Indoor Unit Compatibility Table for PUMY-P112/125/140

Series	Type	Model Name	Capacity														
			P10	P15	P20	P25	P32	P40	P50	P63	P71	P80	P100	P125	P140	P200	
CITY MULTI series	1-way cassette	PMFY-P•VBM-E			●	●	●	●									
	2-way cassette	PLFY-P•VLM-D-E			●	●	●	●	●			●	●	●			
	4-way cassette	PLFY-M•VEM-E			●	●	●	●	●	●		●	●	●			
		PLFY-M•VEM6-E			●	●	●	●	●	●		●	●	●			
		PLFY-P•VFM-E		●	●	●	●	●	●								
	Ceiling-concealed	PEFY-P•VMR-E-L/R			●	●	●										
		PEFY-P•VMS1(L)-E		●	●	●	●	●	●	●							
		PEFY-M•VMA(L)-A(1)			●	●	●	●	●	●	●	●	●	●	●		
		PEFY-P•VMHS-E						●	●	●	●	●	●	●	●		
		PEFY-P•VMHS-E-F												●			
		PCFY-P•VKM-E						●	●	●			●	●			
	Wall-mounted	PKFY-P•VLM-E	●	●	●	●	●	●	●								
		PKFY-P•VKM-E								●			●				
	Floor-standing	PFFY-P•VKM-E2			●	●	●	●						●			
		PFFY-P•VLEM-E			●	●	●	●	●	●	●						
		PFFY-P•VLRM-E			●	●	●	●	●	●	●						
		PFFY-P•VLRMM-E			●	●	●	●	●	●	●						
		PFFY-P•VCM-E			●	●	●	●	●	●							
		PWFY-P•VM-E1 *1											●				
ATW																	
Lossnay *2								GUF-50/100RD(H)4									

CITY MULTI Indoor Unit Compatibility Table for PUMY-P200

Series	Type	Model Name	Capacity													
			P10	P15	P20	P25	P32	P40	P50	P63	P71	P80	P100	P125	P140	P200
CITY MULTI series	1-way cassette	PMFY-P•VBM-E			●	●	●	●								
	2-way cassette	PLFY-P•VLMD-E			●	●	●	●	●	●		●	●	●		
	4-way cassette	PLFY-M•VEM-E			●	●	●	●	●	●		●	●	●		
		PLFY-M•VEM6-E			●	●	●	●	●	●	●		●	●		
		PLFY-P•VFM-E		●	●	●	●	●	●							
	Ceiling-concealed	PEFY-P•VMR-E-L/R			●	●	●									
		PEFY-M•VMA(L)-A(1)			●	●	●	●	●	●	●	●	●	●	●	
		PEFY-P•VMHS-E						●	●	●	●	●	●	●	●	
		PEFY-P•VMHS-E-F														●
	Ceiling-suspended	PCFY-P•VKM-E						●		●			●	●		
	Wall-mounted	PKFY-P•VLM-E	●	●	●	●	●	●	●							
		PKFY-P•VKM-E								●			●			
	Floor-standing	PFFY-P•VKM-E2			●	●	●	●								
		PFFY-P•VLEM-E			●	●	●	●	●	●						
		PFFY-P•VLRM-E			●	●	●	●	●	●						
		PFFY-P•VLRMM-E			●	●	●	●	●	●						
		PFFY-P•VCM-E			●	●	●	●	●	●						
	Lossnay *2															
	GUF-50/100RD(H)4															

*1 Note that connection is not allowed inside EU countries and UK. PWFY can not connect to PUMY-P200YKM3.

*2 Do not connect Lossnay remote controller(s). (PZ-61DR-E, PZ-60DR-E, PZ-52SF-E, PZ-43SMF-E)

■ PUMY-P Series

Branch Box Connection Compatibility Table for PUMY-P250/300

Series	Type	Model Name	Capacity										
			15	18	20	22	25	35	42	50	60	71	100
M series	Wall-Mounted	MSZ-LN•VG2					●	●		●			
		MSZ-RW•VG-E					●	●		●			
		MSZ-AP•VG(K)	●		●		●	●	●				
		MSZ-FH•VE2					●	●		●			
	Floor-Standing	MSZ-EF•VG(K)		●		●	●	●	●				
		MSZ-KT•VG					●	●		●			
S series	Ceiling Concealed	SEZ-M•DA(L)2					●	●		●	●	●	
	2x2 Cassette	SLZ-M•FA2	●				●	●		●			
P series	Ceiling Suspended	PCA-M•KA2						●		●	●	●	●
	4-way Cassette	PCA-M•EA2						●		●	●	●	●
	Ceiling Concealed	PEAD-M•JA(2)								●	●	●	●

LEV Kit Connection Compatibility Table for PUMY-P250/300

Series	I/U Type	Model Name	Capacity							
			15	18	20	22	25	35	42	50
M series	Wall-Mounted	MSZ-LN•VG2					●	●		●
		MSZ-AP•VG(K)	●		●		●	●	●	
		MSZ-FH•VE2					●	●		●
		MSZ-EF•VG(K)		●		●	●	●	●	
	Floor-Standing	MFZ-KT•VG					●	●		●

CITY MULTI Indoor Unit Compatibility Table for PUMY-P250/300

Series	Type	Model Name	Capacity														
			P10	P15	P20	P25	P32	P40	P50	P63	P71	P80	P100	P125	P140	P200	P250
CITY MULTI series	1-way cassette	PMFY-P•VBM-E			●	●	●	●									
	2-way cassette	PLFY-P•VLMD-E			●	●	●	●	●	●		●	●	●			
	4-way cassette	PLFY-M•VEM-E			●	●	●	●	●	●		●	●	●			
		PLFY-M•VEM6-E			●	●	●	●	●	●	●	●	●	●			
		PLFY-P•VFM-E		●	●	●	●	●	●								
	Ceiling-concealed	PEFY-P•VMR-E-L/R			●	●	●										
		PEFY-P•VMS1(L)-E		●	●	●	●	●	●								
		PEFY-M•VMA(L)-A			●	●	●	●	●	●	●	●	●	●	●		
		PEFY-P•VMA(L)-A1			●	●	●	●	●	●	●	●	●	●	●		
		PEFY-P•VMHS-E						●	●	●	●	●	●	●	●	●	●
		PEFY-P•VMHS-E-F															●
	Ceiling-suspended	PCFY-P•VKM-E						●		●			●	●			
	Wall-mounted	PKFY-P•VLM-E	●	●	●	●	●	●	●								
		PKFY-P•VKM-E								●			●				
	Floor-standing	PFFY-P•VKM-E2			●	●	●	●									
		PFFY-P•VLEM-E			●	●	●	●	●	●							
		PFFY-P•VCM-E			●	●	●	●	●	●							
	Lossnay *1		GUF-50/100RD(H)4														

*1 Do not connect Lossnay remote controller(s). (PZ-61DR-E, PZ-60DR-E, PZ-52SF-E, PZ-43SMF-E)