

MSZ-A SERIES

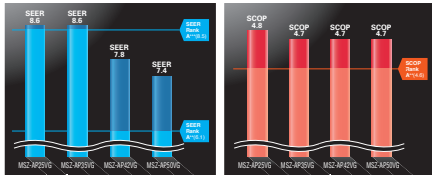
Introducing a compact and stylish indoor unit with various capacity, designed to match number of rooms. High performance indoor and outdoor units enabled to achieve "Rank A+++" for SEER. *MSZ-AP25/35/42/50V/G



High energy saving

SEER A+++ SCOP A++

All models in the series, from the low-capacity 25 to the high-capacity 50, have achieved either the "Rank A+++" or "Rank A++" for SEER and SCOP as energy-savings rating. Our air conditioners are contributing to reduce energy consumption in a wide range.



Compact and stylish

15/20 class are for multi-systems and 25-50 class are introduced as single-split and multi-systems. From small rooms to living rooms, it is possible to coordinate residences with a unified design.



Evolved comfortable convenience function

Horizontal Airflow

Auto Vane Control

The Function

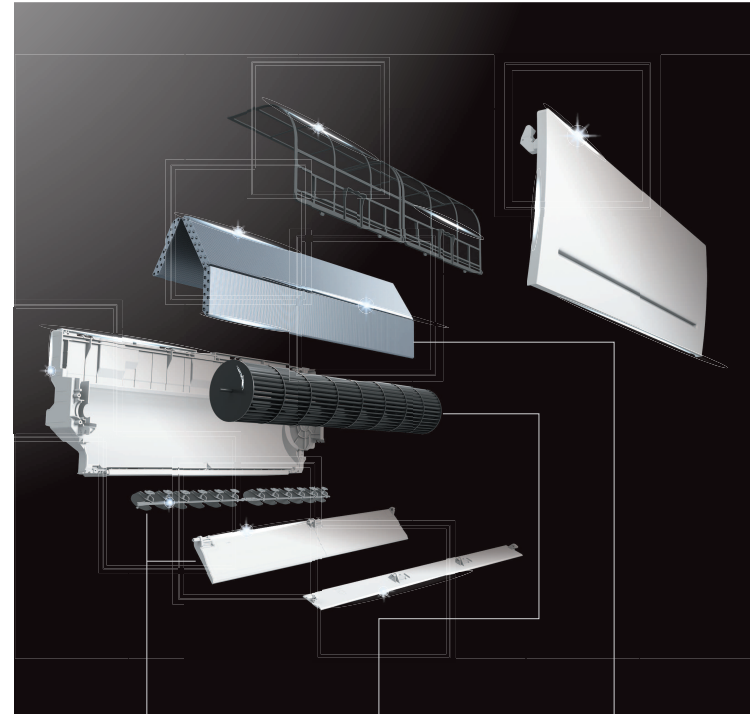
- Econo Cool
- AUTO VANE
- Air Purifying
- SWING
- AUTO Weekly Timer
- Low Temp Cooling
- Group Control
- M-NET connection
- Wi-Fi (i) Interface
- MXZ connection
- 10°C sensor
- Night
- Child Lock
- Fibre connection
- Self Diagnosis
- Failure Recall

The new airflow control which spreads across the ceiling eliminates the uncomfortable drafty feeling.

Auto vanes can be moved left and right, and up and down using the remote controller.

*Only for 25/35/42/50 models.

High performance and compact size are realised by refining all parts



Vertical and Horizontal Vane

Comfort

New vertical and horizontal vanes are double the size of the previous model, improving airflow control elaborately.

Line Flow Fan

High Performance

New line flow fan is 122% larger and 108% wider than the previous model, leading to higher aerodynamic performance. Also, same sound level as the previous model.

Heat Exchanger

High Performance

New e5 Heat exchanger enables to realise 32% thinner depth than the previous model. It realises low pressure loss leading to high performance.

“Weekly Timer”

Weekly Timer

Easily set desired temperatures and operation start/stop times to match lifestyle patterns. Reduce wasted energy consumption by using the timer to prevent forgetting to turn off the unit and eliminate temperature setting adjustments.

■ Example Operation Pattern (Winter/Heating mode)

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
6:00	ON 20°C	ON 20°C	ON 20°C	ON 20°C	ON 20°C	ON 20°C	ON 20°C
8:00	Automatically changes to high-power operation at wake-up time						
10:00	OFF	OFF	OFF	OFF	OFF	ON 18°C	ON 18°C
12:00	Automatically turned off during work hours					Midday is warmer, so the temperature is set lower	
14:00							
16:00							
18:00	ON 20°C	ON 20°C	ON 20°C	ON 20°C	ON 20°C	ON 20°C	ON 20°C
20:00	Automatically turns on, synchronized with arrival at home					Automatically raises temperature setting to match time when outside-air temperature is low	
22:00							
(during sleeping hours)	ON 18°C	ON 18°C	ON 18°C	ON 18°C	ON 18°C	ON 18°C	ON 18°C
	Automatically lowers temperature at bedtime for energy-saving operation at night						

Settings Pattern Settings: Input up to four settings for each day
Settings: •Start/Stop operation •Temperature setting *The operation mode cannot be set.

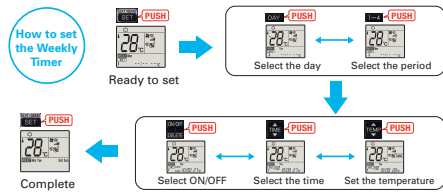
■ Easy set-up using dedicated buttons



The remote controller is equipped with buttons that are used exclusively for setting the Weekly Timer. Setting operation patterns is easy and quick.



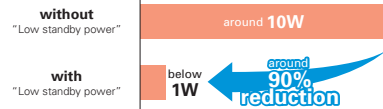
How to set the Weekly Timer



- Start by pushing the “SET” button and follow the instructions to set the desired patterns. Once all of the desired patterns are input, point the top end of the remote controller at the indoor unit and push the “SET” button one more time. (Push the “SET” button only after inputting all of the desired patterns into the remote controller memory. Pushing the “CANCEL” button will end the set-up process without sending the operation patterns to the indoor unit).
- It takes a few seconds to transmit the Weekly Timer operation patterns to the indoor unit. Please continue to point the remote controller at the indoor unit until all data has been sent.
- When “Weekly Timer” is set, temperature can not be set 10°C. (only for 15/20 models)

Low Standby Power

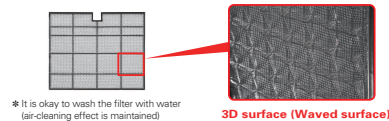
Electrical devices consume standby power even when they are not in actual use. While we obviously strive to reduce power consumption during actual use, reducing this wasted power that cannot be seen is also very important.



Air Purifying Filter

(MSZ-AP25/35/42/50) Air Purifying Filter

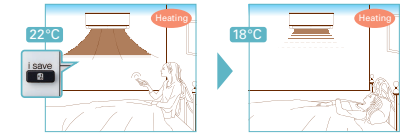
This filter generates stable antibacterial and deodorising effects. The size of the three-dimensional surface has been increased as well, enlarging the filter capture area. These features give the Air Purifying Filter better dust collection performance than conventional filters. The superior air-cleaning effectiveness raises room comfort yet another level.



“i save” Mode

i save Mode

“i save” is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller. Press the same button twice in repetition to immediately return to the previous temperature setting. Using this function contributes to comfortable, waste-free operation, realising the most suitable air conditioning settings and saving on power consumption when, for example, leaving the room or going to bed.



* Temperature can be preset to 10°C when heating in the “i save” mode. (only for 15/20 models)

Outdoor Units for Cold Region

(MSZ-AP25/35/42/50)

Single split-type outdoor units are available in both standard and heater-equipped units. An electric heater is installed in each unit to prevent freezing in cold outdoor environments.



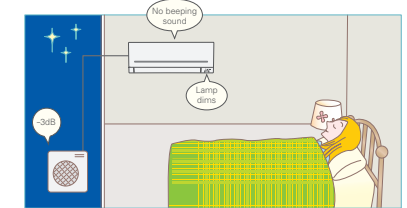
Night Mode

(MSZ-AP25/35/42/50) Night Mode

When Night Mode is activated using the wireless remote controller, air conditioner operation will switch to the following settings.

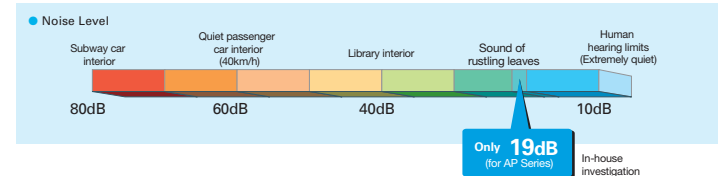
- The brightness of the operation indicator lamp will become dimmer.
- The beeping sound will be disabled.
- The outdoor operating noise will drop to 3dB lower than the rated operating noise specification.

*The cooling/heating capacity may drop.



Quiet Operation

The indoor unit noise level is as low as 19dB for AP Series, offering a peaceful inside environment.



Built-in Wi-Fi Interface

(MSZ-AP25/35/42/50VQG) Wi-Fi Interface



The indoor unit is equipped with a Wi-Fi Interface inside an exclusive pocket in the unit. This eliminates the need to install a Wi-Fi interface, and also contributes to the beautiful appearance since the interface is hidden.

MSZ-A SERIES














Indoor Unit **R32 R410A**

Outdoor Unit **Remote Controller**

For MXZ Connection Only

MSZ-AP15/20VF




MSZ-A SERIES

Indoor Unit **R32 R410A**

Outdoor Unit **R32**

Remote Controller













GOOD DESIGN

MSZ-AP25/35/42/50VG(K)
*VGK model Wi-Fi Interface built-in.

MUZ-AP25/35/42VG(H)

MUZ-AP50VG(H)

Type	Inverter Heat Pump							
Indoor Unit	MSZ-AP15VF	MSZ-AP20VF	MSZ-AP25VG(K)	MSZ-AP35VG(K)	MSZ-AP50VG(K)	MSZ-AP50VG(K)		
Outdoor Unit	for MXZ connection		MUZ-AP25GH	MUZ-AP35GH	MUZ-AP50GH	MUZ-AP50GH		
Refrigerant	Single: R32 ⁽¹⁾ / Multi: R410A or R32 ⁽²⁾							
Power [Source]	Outdoor Power supply							
Supply	Outdoor (V / Phase / Hz)							
230/Single/50								
Cooling	Design load	kW		2.5	2.5	3.5	3.5	
	Annual electricity consumption ⁽³⁾	kWh/a		101	101	142	142	
	SEER ⁽⁴⁾	-		8.6	8.6	8.6	8.6	
	Energy efficiency class	-		A+++	A+++	A+++	A+++	
	Capacity	Rated		kW		2.5	2.5	3.5
Heating	Design load	kW		2.4 (10°C)	2.4 (10°C)	2.9 (10°C)	2.9 (10°C)	
	Annual electricity consumption ⁽³⁾	kWh/a		698	703	862	873	
	SEER ⁽⁴⁾	-		4.8	4.7	4.7	4.8	
	Energy efficiency class	-		A++	A++	A++	A++	
	Capacity	Rated		kW		3.2	3.2	4.0

Type	Inverter Heat Pump							
Indoor Unit	MSZ-AP42VG(K)	MSZ-AP42VG(K)	MSZ-AP50VG(K)	MSZ-AP50VG(K)				
Outdoor Unit	MUZ-AP42GH	MUZ-AP42GH	MUZ-AP50GH	MUZ-AP50GH				
Refrigerant	Single: R32 ⁽¹⁾ / Multi: R410A or R32 ⁽²⁾							
Power [Source]	Outdoor Power supply							
Supply	Outdoor (V / Phase / Hz)							
230/Single/50								
Cooling	Design load	kW		4.2	4.2	5.0	5.0	
	Annual electricity consumption ⁽³⁾	kWh/a		188	188	296	296	
	SEER ⁽⁴⁾	-		7.8	7.8	7.4	7.4	
	Energy efficiency class	-		A++	A++	A+	A+	
	Capacity	Rated		kW		4.2	4.2	5.0
Heating	Design load	kW		3.8 (10°C)	3.8 (10°C)	4.2 (10°C)	4.2 (10°C)	
	Annual electricity consumption ⁽³⁾	kWh/a		1120	1134	1250	1275	
	SEER ⁽⁴⁾	-		4.6	4.5	4.7	4.8	
	Energy efficiency class	-		A+	A+	A+	A+	
	Capacity	Rated		kW		5.4	5.4	5.8

(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 the 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.

(2) The GWP of R32 is 675 in the IPCC AR Assessment Report.

(3) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(4) SEER, SCOP and other related description are based on COMMISSION DELEGATED REGULATION (EU) No. 626/2011. The temperature conditions for calculating SCOP are based on "Average Season".

(5) Please see page 63 for heating (warmer season) specifications.

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