SHOP SMART. SHOP VALUE
SHOP *differently*

1996 ESTABLISHED

MITSUBISHI ELECTRIC

Air Conditioning Systems

MSZ-AS90VGD-A1





MSZ-AS90VGD-A1

Large Capacity Design



Mitsubishi Electric introduces the **NEW** 9kW wall mounted split system, the MSZ-AS90VGD-A1. With features such as advanced air filtration, Dual Barrier Coating and long airflow operation, the MSZ-AS90VGD-A1 is perfect for large open domestic living areas.

- Capacity: Cooling 9.0kW, Heating 10.3kW
- Unit Dimensions (mm): 1,170 (W) x 295 (D) x 365mm (H)
- Colour: Natural White

Wi-Fi Control*

Unlock the door to smarter heating and cooling systems, for total home comfort. This innovative technology connects your Mitsubishi Electric air conditioner to your smartphone, tablet or online account, giving you the freedom to fully control each unit on-the-go via an internet connection from anywhere in the world.

*Optional Wi-Fi adapter required per unit.
Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.

Advanced Air Filtration

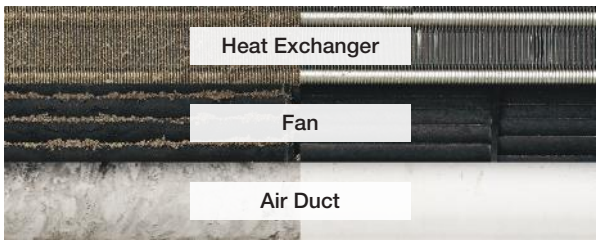
The built-in Anti-Allergy Enzyme Filter works to trap allergens such as mould and bacteria by using enzymes retained in the filter to decompose them.

Night Mode

Night mode is a selectable function via the remote controller that is designed to increase comfort at night. This is achieved by reducing the LED brightness on the indoor unit, disabling the alert beeps and reducing the outdoor units operational noise levels by up to 3dB.

Dual Barrier Coating

The MSZ-AS90VGD-A1 has an advanced Dual Barrier Coating on its heat exchanger and facial surfaces that reduces dust and greasy dirt from adhering to it. This not only helps the unit stay cleaner for longer but also makes cleaning the unit easier. The image shows a simulated comparison of dirt over 10 years, with and without Dual Barrier Coating.



Without With

Auto Restart Function

The MUZ-AS90VGD-A1 has an auto-restart function that activates after the event of a power outage, so you don't have to worry about manually restarting the unit once the power returns.

Demand Response Capable*

The MUZ-AS90VGD-A1 is equipped with a Demand Response Enabling Device (DRED), which allows the activation of 3 preprogrammed modes in response to a signal sent from the electricity supplier. This is designed to help reduce the load on the electrical grid during peak demand.

*Only available in select locations, please contact your local dealer for details.

R32

R32 enables increased energy efficiency compared to R410A, with just one third of the global warming potential, the risk of environmental harm is greatly reduced.

Bluefin

The condenser coils have a corrosion resistant coating to help reduce the effects of the outside elements degrading the coil. This in turn assists with the longevity and quality of the unit operation.





Product Specifications

MSZ-AS (Wall Mounted)				
Indoor Unit				MSZ-AS90VGD-A1
Outdoor Unit				MUZ-AS90VGD-A1
Refrigerant				R32
Cooling	Capacity [Rated]*3		kW	9.00
	Capacity [Min-Max]		kW	2.00 - 10.30
	Total Input [Rated]*3		kW	2.78
	Total Input [Min-Max]		kW	0.43 - 3.98
	EER			3.24
	AEER			3.23
	ZERL Star Rating*1		Hot	3.5
			Average	3.0
			Cold	3.5
	Running Current [Rated]*2 *3		A	12.00
	SPL	In [SLo-Lo-Mid-Hi-SHi]	dB(A)	30 - 36 - 42 - 48 - 54
		Out [PWL]	dB(A)	56 (69)
	Air Volume (In) [Quiet-SHi]		L/S	168.3 - 463.3
Heating	Capacity [Rated]*4		kW	10.30
	Capacity [Min-Max]		kW	2.20 - 11.50
	Total Input [Rated]*4		kW	2.94
	Total Input [Min-Max]		kW	0.42 - 3.90
	COP			3.50
	ACOP			3.50
	ZERL Star Rating*1		Hot	3.0
			Average	2.5
			Cold	2.0
	Running Current [Rated]*2 *4		A	12.60
	SPL	In [SLo-Lo-Mid-Hi-SHi]	dB(A)	32 - 38 - 43 - 47 - 53
		Out [PWL]	dB(A)	56 (69)
	Air Volume (In) [Quiet-SHi]		L/S	203.3 - 430.0
Indoor Unit	Input [Rated] (Cooling/Heating)		W	88/71
	Dimensions [HxWxD]		mm	365 x 1170 x 295
	Weight		kg	20.0
Outdoor Unit	Dimensions [HxWxD]		mm	880 x 840 x 330
	Weight		kg	53.0
	Breaker Size		A	20
Piping	Diameter [Liquid/Gas]		mm	ø6.35/ø12.70
	Max. Length/Height		m	30/15
Guaranteed Operating Range [Outdoor]		Cooling	°C	-10 ~ 46
		Heating	°C	-15 ~ 24

Notes:

*1 Zoned Energy Rating Label - residential air conditioning star rating based on GEMS 2019 Determination.
*2 Rated Load Amps (RLA) is based on nominal conditions. Use Maximum Circuit Amps (MCA) for power supply infrastructure sizing, etc.

Test conditions are based on AS/NZS3823.1.1.

Rating Conditions:

*3 Cooling: Indoor 27°C, D.B./19°C, W.B.
Outdoor 35°C, D.B./24°C, W.B.
*4 Heating: Indoor 20°C, D.B./15°C, W.B.
Outdoor 7°C, D.B./6°C, W.B.

amazon alexa ENABLED *6

works with the Google Assistant *7

Wi-Fi CONTROL *5

*5 Optional Wi-Fi adapter required per unit.
Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.
*6 To use Amazon Alexa to control your air conditioner you will need an Amazon Alexa Echo device.
*7 To use Google Assistant to control your air conditioner you will need a Google Home Smart speaker.