

# MSZ-D SERIES

R410A

MSZ-DM25/35VA

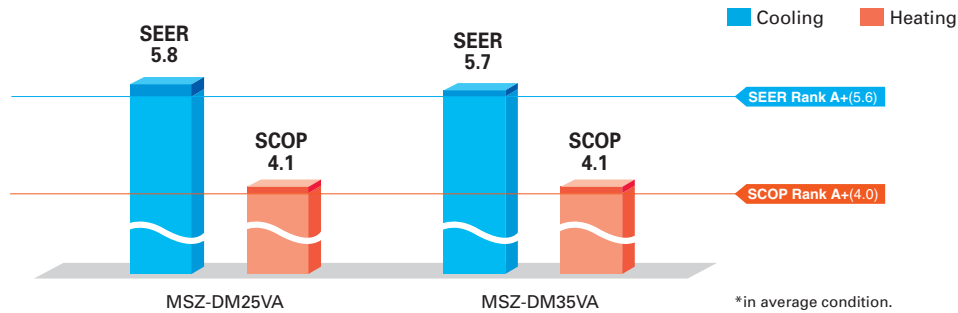


Compact, high-performance indoor and outdoor units equipped with high-performance air purifying filters contribute to greater room comfort. Wi-Fi and system controller connectivity enable enhanced expandability.

## Advanced Inverter Control – Efficient Operation All the Time



Mitsubishi Electric's cutting-edge inverter technologies are adopted to provide automatic adjustment of operation load according to need. This reduces excessive consumption of electricity, and thereby realises an Energy Rank "A+".



## Wider Cooling Operating Range

As a result of an extended operating range in cooling, these models accommodate a wider range of usage environments and applications than previous models.



## Wi-Fi and System Control

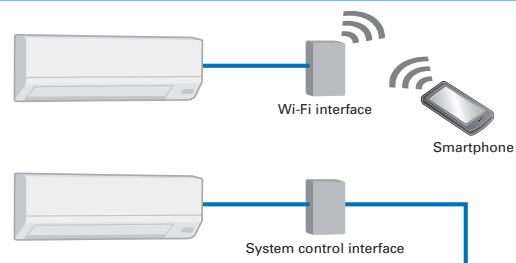
### Wi-Fi Interface (Optional)

Optional interface enabling users to control air conditioners and check operating status via devices such as personal computers, tablets and smartphones.

### System Control Interface (Optional)

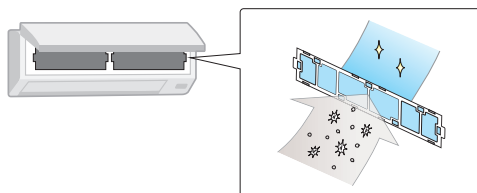
- Remote on/off operation is possible by input to the connector.
- Depending on the interface used, connecting a wired remote-control such as the PAR-40MAA is possible.
- Centralised control is possible when connected to M-NET.

\*Wi-Fi Interface and System Control Interface cannot be used simultaneously.



## Silver-ionized Air Purifying Filter

The high performance filter is attached as standard. Captures the bacteria, pollen and other allergens in the air and neutralises them.



## Compact Units

The width of both indoor and outdoor units are compact, making installation in smaller, tighter spaces possible.

Indoor Unit: MSZ-DM25VA



Only 799mm width

Outdoor Unit: MUZ-DM25/35VA



Only 699mm width

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## Indoor Unit

**R410A**



MSZ-DM25/35VA

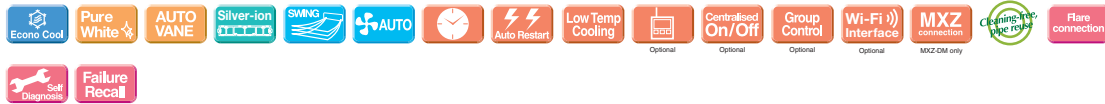
## Outdoor Unit

**R410A**



MUZ-DM25/35VA

## Remote Controller



Type	Inverter Heat Pump			
Indoor Unit	MSZ-DM25VA		MSZ-DM35VA	
Outdoor Unit	MUZ-DM25VA		MUZ-DM35VA	
Refrigerant	R410A <sup>(1)</sup>			
Power Supply	Indoor Power supply 230V/Single/50Hz			
Cooling	Design load	kW	2.5	
	Annual electricity consumption <sup>(2)</sup>	kWh/a	149	
	SEER <sup>(3)</sup>		5.8	
	Capacity	Energy efficiency class		A+
		Rated	kW	2.5
	Total Input	kW	1.3 - 3.0	
Heating (Average Season) <sup>(3)</sup>	Design load	kW	1.9 (-10°C)	
	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)
		at bivalent temperature	kW	1.9 (-10°C)
		at operation limit temperature	kW	1.9 (-10°C)
	Back up heating capacity	kW	0.0 (-10°C)	
	Annual electricity consumption <sup>(2)</sup>	kWh/a	647	
	SCOP <sup>(3)</sup>		4.1	
	Capacity	Energy efficiency class		A+
		Rated	kW	3.15
	Total Input	kW	0.9 - 3.5	
Indoor Unit	Operating Current (Max)	A	5.8	
	Input	Rated	kW	0.020
		Operating Current(Max)	A	0.3
	Dimensions	H*W*D	mm	290-799-232
	Weight	kg		9
	Air Volume (SLo-Le-Mid-Hi-SH <sup>(3)</sup> ) (Dry/Wet)	Cooling	m <sup>3</sup> /min	3.8 - 5.5 - 7.3 - 9.5
		Heating	m <sup>3</sup> /min	3.5 - 5.5 - 7.5 - 10.0
	Sound Level (SPL) (SLo-Le-Mid-Hi-SH <sup>(3)</sup> )	Cooling	dB(A)	22 - 30 - 37 - 43
		Heating	dB(A)	23 - 30 - 37 - 43
	Sound Level (PWL)	Cooling	dB(A)	57
Dimensions	H*W*D	mm	538-699-249	
	Weight	kg	24	
Air Volume	Cooling	m <sup>3</sup> /min	31.5	
	Heating	m <sup>3</sup> /min	31.5	
Sound Level (SPL)	Cooling	dB(A)	50	
	Heating	dB(A)	50	
Sound Level (PWL)	Cooling	dB(A)	63	
Operating Current (Max)	A		5.5	
Breaker Size	A		10	
Ext. Piping	Diameter	Liquid/Gas	mm	6.35/9.52
	Max.Length	Out-In	m	20
	Max.Height	Out-In	m	12
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46	
	Heating	°C	-10 ~ +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 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO<sub>2</sub> 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 R410A is 2088 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) SH: Super High

(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 51-52 for heating (warmer season) specifications.