MITSUBISHI ELECTRIC
Changes for the Better

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SPLIT-TYPE AIR CONDITIONERS

MSZ-DA SERIES

R32

MSZ-DA25/35/50VFK

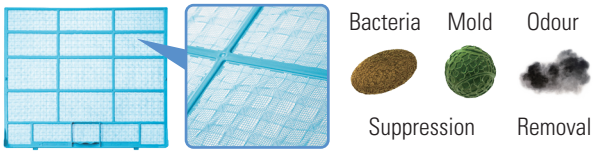
Introducing an indoor unit that is compact yet packed with a variety of features.
High energy saving performance and Air Purifying Filter bring you a comfortable indoor environment.

Simple and Compact Design

The stylish design makes it a natural match for any room.
The width of indoor units is compact, making installation in smaller, tighter spaces possible.

Air Purifying Filter

Air Purifying Filter generates stable antibacterial, antifungal, and deodorant effects. The three-dimensional surface expands the filter's capture area and contributes to the better dust collection performance than conventional filters.



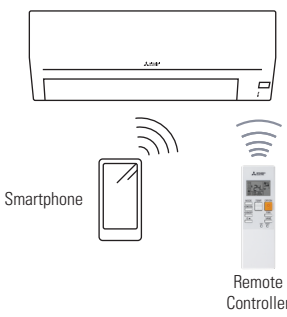
Simple Control

The simple remote controller and functions provide the easy control solution and comforts of life.

Wi-Fi and System Control

Wi-Fi Interface (Attached)
Attached 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-41MAA is possible.
- Centralised control is possible when connected to M-NET.



MSZ-DA SERIES

Indoor Unit R32

MSZ-DA25/35/50VFK

Outdoor Unit

MUZ-DA25/35VF

MUZ-DA50VF

Remote Controller

Type				Inverter Heat Pump		
Indoor Unit				MSZ-DA25VFK	MSZ-DA35VFK	MSZ-DA50VFK
Outdoor Unit				MUZ-DA25VF	MUZ-DA35VF	MUZ-DA50VF
Refrigerant				R32(*1)		
Power Supply	Source			Outdoor Power supply		
	Outdoor (V / Phase / Hz)			230V/Single/50Hz		
Cooling	Design load		kW	2.5	3.4	5.0
	Annual electricity consumption (*2)		kWh/a	135	190	268
	SEER (*4)			6.2		6.5
		Energy efficiency class		A++		
	Capacity	Rated	kW	2.5	3.4	5.0
		Min-Max	kW	0.5-2.9	0.9-3.4	1.3-5.0
	Total Input	Rated	kW	0.800	1.210	2.050
Heating (Average Season)	Design load		kW	1.9 (-10°C)	2.2 (-10°C)	3.8 (-10°C)
	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)	2.2 (-10°C)	3.8 (-10°C)
		at bivalent temperature	kW	1.9 (-10°C)	2.2 (-10°C)	3.8 (-10°C)
		at operation limit temperature	kW	1.9 (-10°C)	2.2 (-10°C)	3.8 (-10°C)
	Back up heating capacity		kW	0.0 (-10°C)		
	Annual electricity consumption (*2)		kWh/a	618	716	1174
	SCOP (*4)			4.3		
		Energy efficiency class		A+		
	Capacity	Rated	kW	3.15	3.5	5.4
		Min-Max	kW	0.7-3.5	0.9-3.7	1.4-6.5
	Total Input	Rated	kW	0.870	0.950	1.550
Operating Current (Max)			A	5.6	7.4	9.6
Indoor Unit	Input	Rated	kW	0.019	0.025	0.028
	Operating Current(Max)		A	0.28	0.32	0.34
	Dimensions	H*W*D	mm	290-799-232		
	Weight		kg	8.3		9.6
	Air Volume (Lo-Mid-Hi-SHi(*3))	Cooling	m^3/min	3.4 - 5.4 - 7.3 - 9.6	3.4 - 5.6 - 7.9 - 11.0	5.7 - 7.7 - 9.8 - 12.5
		Heating	m^3/min	3.4 - 5.4 - 7.5 - 8.4	3.4 - 5.4 - 7.5 - 10.5	5.8 - 7.7 - 9.8 - 12.8
	Sound Level (SPL) (Lo-Mid-Hi-SHi(*3))	Cooling	dB(A)	21 - 30 - 37 - 43	22 - 31 - 38 - 46	28 - 36 - 40 - 45
		Heating	dB(A)	21 - 30 - 37 - 43	21 - 30 - 37 - 44	27 - 34 - 41 - 47
	Sound Level (PWL)	Cooling	dB(A)	57	60	
Outdoor Unit	Dimensions	H*W*D	mm	538-699-249		550-800-285
	Weight		kg	21		34
	Air Volume	Cooling	m^3/min	30.3		33.5
		Heating	m^3/min	30.3	31.8	28.5
	Sound Level (SPL)	Cooling	dB(A)	50	52	50
		Heating	dB(A)	52		51
	Sound Level (PWL)	Cooling	dB(A)	63	64	
	Operating Current (Max)		A	5.3	7.0	9.2
	Breaker Size		A	10		12
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	℃	-10 ~ +46		
		Heating	℃	-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 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 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. The GWP of R32 is 675 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) SHi: 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".

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