

MSZ-DW.

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.



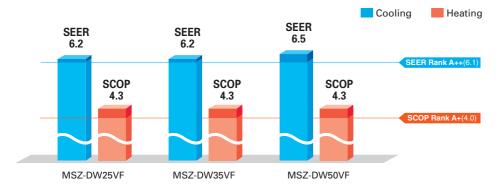
Energy Saving







Mitsubishi Electric's inverter technologies are adopted to provide automatic adjustment of operation load according to need. This reduces excessive consumption of electricity, and thereby realises Energy Rank "A++" for SEER (cooling) and "A+" for SCOP (heating).



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.

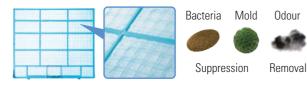


Air Purifying Filter

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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 (Optional)

Optional interface and a Cloud-based solution "MELCloud" enable users to control air conditioners and check operating status via devices such as laptops, 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.



Inverter PAM SEER A** A** MSZ-DW SERIES Indoor Unit R32 **Outdoor Unit** Remote Controller MUZ-DW35VF MSZ-DW25/35/50VF

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Туре					Inverter Heat Pump		
Indoor Unit				MSZ-DW25VF	MSZ-DW35VF	MSZ-DW50VF	
Outdoor Unit				MUZ-DW25VF	MUZ-DW35VF	MUZ-DW50VF	
Refrigerant				R32 ⁽¹⁾			
Power Source				Outdoor Power supply			
Supply		utdoor (V / Phase / Hz)		230V/Single/50Hz			
Cooling	Design load		kW	2.5	3.4	5.0	
	Annual electricity consumption (*2)		kWh/a	135	184	261	
	SEER (14)			6.2	6.2	6.5	
	Energy efficiency class			A++	A++	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) ⁽¹⁵⁾	Design load		kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	
	Declared	at reference design temperature		1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	
	Capacity	at bivalent temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	
	at operation limit temperature		kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	
	Back up heating capacity		kW	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	
	Annual electricity consumption (*2)		kWh/a	618	781	1174	
	SCOP (14)			4.3	4.3	4.3	
		Energy efficiency class	_	A ⁺	A+	A+	
	Capacity	Rated	kW	3.15	3.6	5.4	
		Min-Max	kW	0.7-3.5	0.9-3.7	1.4-6.5	
	Total Input Rated		kW	0.850	0.975	1.550	
Operating Current (Max)			A	5.0	6.7	10.0	
Indoor Unit	Input	Rated	kW	0.023	0.028	0.029	
	Operating Current(Max)		A	0.24	0.28	0.29	
		H*W*D	mm	290-799-232	290-799-232	290-799-232	
	Weight		kg	9	9	10	
	Air Volume (Lo-Mid-Hi-SHi ^(*3))	Cooling	m³/min	3.6 - 5.6 - 7.5 - 9.9	3.6 - 5.8 - 8.1 - 11.3	5.9 - 7.7 - 9.7 - 12.3	
		Heating	m³/min	3.4 - 5.6 - 7.7 - 10.3	3.4 - 5.6 - 7.7 - 10.7	6.0 - 7.7 - 9.7 - 12.6	
	Sound Level (SPL)	Cooling	dB(A)	21 - 30 - 37 - 43	22 - 31 - 38 - 46	28 - 36 - 40 - 45	
	(Lo-Mid-Hi-SHi ^(*3))	Heating	dB(A)	21 - 30 - 37 - 43	21 - 30 - 37 - 44	27 - 34 - 41 - 47	
	Sound Level (PWL)	Cooling	dB(A)	57	60	60	
Outdoor Unit	Dimensions	H*W*D	mm	538-699-249	538-699-249	550-800-285	
	Weight		kg	23	24	35	
	Air Volume	Cooling	m³/min	30.3	32.2	33.5	
	All Volume	Heating	m³/min	30.3	32.2	32.7	
	Sound Level (SPL)	Cooling	dB(A)	50	51	50	
	,	Heating	dB(A)	50	51	51	
	Sound Level (PWL)	1	dB(A)	63	64	64	
	Operating Current (Max)		A	5.3	7.0	9.2	
	Breaker Size		A	10	10	12	
Ext. Piping	Diameter	Liquid/Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	
	Max.Length	Out-In	m	20	20	20	
	Max.Height	Out-In	m	12	12	12	
Guaranteed Operating Range (Outdoor)		Cooling	℃	-10 ~ +46	-10 ~ +46	-10 ~ +46	
		Heating	℃	-10 ~ +24	-10 ~ +24	-10 ~ +24	
(#4) D-6:		tlitb B-fi	at code have	ver global warming potential (GWP) would contribute less to glo	bel		

Herngerant 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 applicance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid with a sake a professional.

The GWP of R23 is 673 in the IPCC 4th Assessment Report.

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

SIH: Super Figure.

^[3] SH:: Superbulling to the control of the control