

MSZ-DW

SERIES

R32



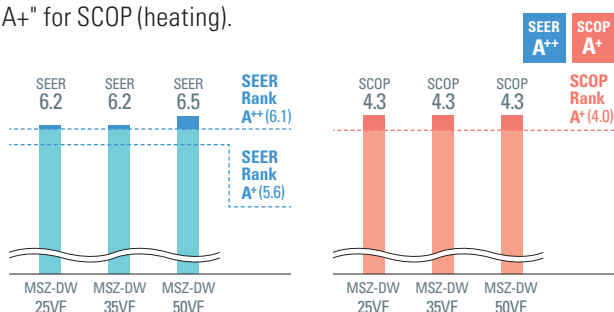
Simple and Compact Design

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.



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).

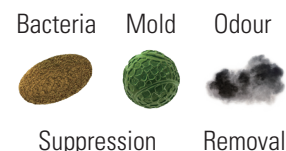
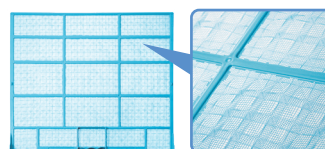


Simple Control

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



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.

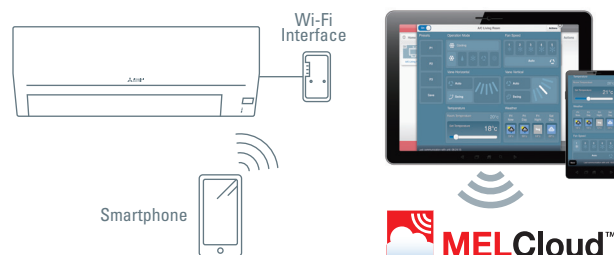
Wi-Fi and System Control

Wi-Fi Interface (Optional)

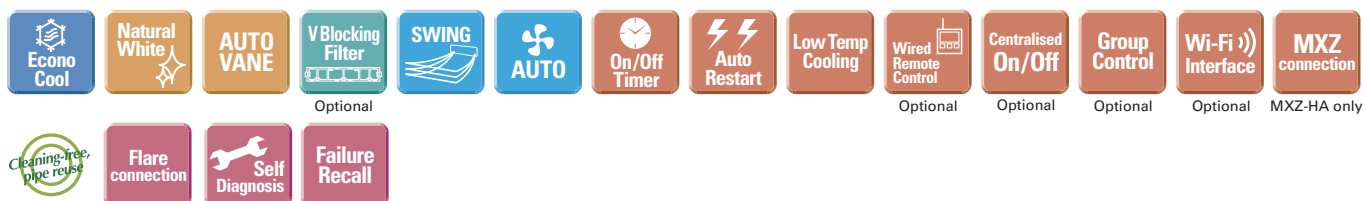
Optional interface and a Cloud-based solution "MELCloud" enable users to control air conditioners and check operating status via devices such as laptops, tablets and smartphones.

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.



Other Functions



Outdoor Units

Single connection



MUZ-DW25VF



MUZ-DW35VF



MUZ-DW50VF

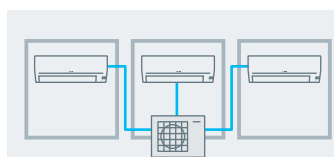
Multi connection

MXZ-2HA40VF
MXZ-2HA50VF

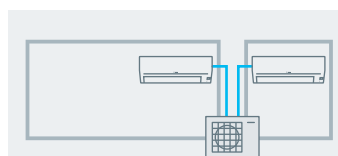
MXZ-3HA50VF

*MSZ-DW50VF is not connectable to MXZ outdoor units.

Multi-port outdoor units (R32 MXZ) make it possible easily to provide wide range and various simple combinations.



Three Bed Rooms



Living Room

Bed Room



Wide Living Room

Specifications

Indoor Unit				MSZ-DW25VF	MSZ-DW35VF	MSZ-DW50VF
Outdoor Unit				MUZ-DW25VF	MUZ-DW35VF	MUZ-DW50VF
Refrigerant				R32		
Power Supply	Weight	kg		0.50	0.55	0.97
	Source			Outdoor Power supply		
Outdoor (V/Phase/Hz)				230V/Single/50Hz		
Cooling	Design load	kW		2.5	3.4	5.0
	Annual electricity consumption (*1)	kWh/a		141	189	269
	SEER			6.2	6.2	6.5
	Energy efficiency class			A++	A++	A++
	Capacity	Rated	kW	2.5	3.4	5.0
Heating (Average Season)	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)
		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 (*1)	kWh/a		616	781	1223
Heating (Warmer Season)	SCOP			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)	Design load	kW		1.1 (2°C)	1.3 (2°C)	2.1 (2°C)
	Declared Capacity	at reference design temperature	kW	1.1 (2°C)	1.3 (2°C)	2.1 (2°C)
		at bivalent temperature	kW	1.1 (2°C)	1.3 (2°C)	2.1 (2°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 (2°C)	0.0 (2°C)	0.0 (2°C)
Indoor Unit	Annual electricity consumption (*1)	kWh/a		287	331	554
	SCOP			5.3	5.2	5.2
	Energy efficiency class			A+++	A+++	A+++
	Input	Rated	kW	0.023	0.028	0.029
	Operating Current (Max)		A	0.20	0.27	0.36
Outdoor Unit	Dimensions	H*W*D	mm	290*799*232	290*799*232	290*799*232
	Weight		kg	9	9	10
	Air Volume (Lo-Mid-Hi-SHi (Dry/Wet))	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) (Lo-Mid-Hi-SHi)	Cooling	dB (A)	21 - 30 - 37 - 43	22 - 31 - 38 - 46	28 - 36 - 40 - 45
Ext.Piping		Heating	dB (A)	21 - 30 - 37 - 43	21 - 30 - 37 - 44	27 - 34 - 41 - 47
	Sound Level (PWL)	Cooling	dB (A)	57	60	60
	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
Guaranteed Operating Range (Outdoor)		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)	Cooling	dB (A)	63	64	64
	Operating Current (Max)		A	4.8	6.4	9.6
Ext.Piping	Breaker Size		A	10	10	12
	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/9.52
	Max.Length	Out-In	m	20	20	20
Ext.Piping	Max.Height	Out-In	m	12	12	12
		Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46
Guaranteed Operating Range (Outdoor)		Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24

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