



**MITSUBISHI  
ELECTRIC**

*Changes for the Better*

# MSZ-DW

SERIES

R32



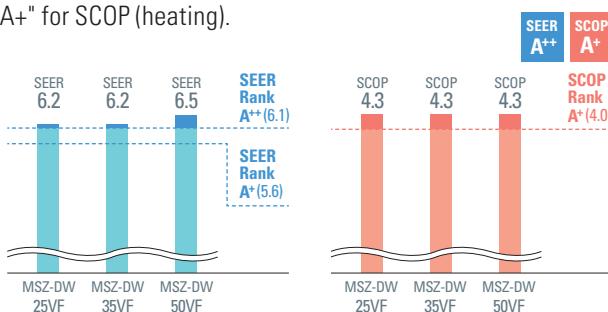
## Simple and Compact Design

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

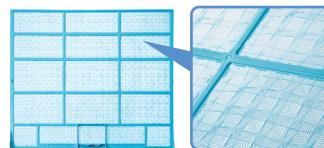
The simple remote controller and functions provide the easy control solution and comforts of life.



## Other Functions



## Air Purifying Filter



Bacteria      Mold      Odour  
Suppression      Removal

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.



**MELCloud™**

## Outdoor Units

### Single connection



MUZ-DW25VF



MUZ-DW35VF



MUZ-DW50VF

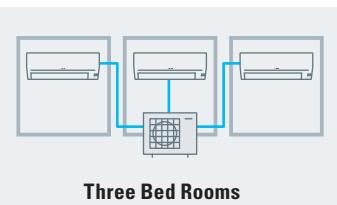
### Multi connection

MXZ-2HA40VF  
MXZ-2HA50VF

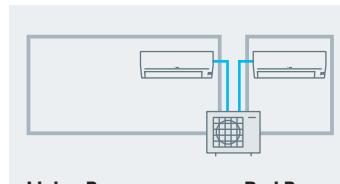
MXZ-3HA50VF

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

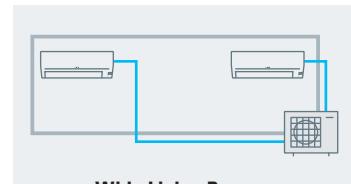
Multi-port outdoor units (R32 MXZ) make it possible easily to provide wide range and various simple combinations.



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		
Weight	kg		0.50	0.55	0.97
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 (*1)	kWh/a	141	189	269
	SEER		6.2	6.2	6.5
Heating (Average Season)	Capacity	A++		A++	A++
	Rated	kW	2.5	3.4	5.0
	Min-Max	kW	0.5-2.9	0.9-3.4	1.3-5.0
Heating (Warmer Season)	Total Input	kW	0.800	1.210	2.050
	Design load	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)
	at reference design temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)
Heating (Warmer Season)	Declared Capacity	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)
Heating (Warmer Season)	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
	SCOP		4.3	4.3	4.3
Operating Current (Max)	Capacity	A+		A+	A+
	Rated	kW	3.15	3.6	5.4
	Min-Max	kW	0.7-3.5	0.9-3.7	1.4-6.5
Indoor Unit	Total Input	kW	0.850	0.975	1.550
	Design load	kW	1.1 (2°C)	1.3 (2°C)	2.1 (2°C)
	at reference design temperature	kW	1.1 (2°C)	1.3 (2°C)	2.1 (2°C)
Outdoor Unit	Declared Capacity	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)
Outdoor Unit	Back up heating capacity	kW	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)
	Annual electricity consumption (*1)	kWh/a	287	331	554
	SCOP		5.3	5.2	5.2
Ext.Piping	Energy efficiency class	A+++		A+++	A+++
	Input	A	5.0	6.7	10.0
	Operating Current (Max)	kW	0.023	0.028	0.029
Ext.Piping	Dimensions	A	0.20	0.27	0.36
	Weight	mm	290*799*232	290*799*232	290*799*232
	Air Volume	kg	9	9	10
Ext.Piping	(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
		Heating	m³/min	3.4 - 5.6 - 7.7 - 10.3	3.4 - 5.6 - 7.7 - 10.7
	Sound Level (SPL)	Cooling	dB (A)	21 - 30 - 37 - 43	22 - 31 - 38 - 46
Ext.Piping	(Lo-Mid-Hi-SHi)	Heating	dB (A)	21 - 30 - 37 - 43	21 - 30 - 37 - 44
	Sound Level (PWL)	Cooling	dB (A)	57	60
					60
Ext.Piping	Dimensions	H*W*D	mm	538*699*249	538*699*249
	Weight	kg	23	24	35
	Air Volume	Cooling	m³/min	30.3	32.2
Ext.Piping		Heating	m³/min	30.3	32.2
	Sound Level (SPL)	Cooling	dB (A)	50	51
		Heating	dB (A)	50	51
Ext.Piping	Sound Level (PWL)	Cooling	dB (A)	63	64
	Operating Current (Max)	A	4.8	6.4	9.6
	Breaker Size	A	10	10	12
Ext.Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52
	Max.Length	Out-In	m	20	20
	Max.Height	Out-In	m	12	12
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46
	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.