

# 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.







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).



Odour

Removal

#### Simple and Compact Design

**Energy Saving** 

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.

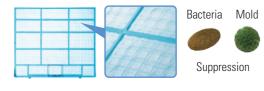


### Air Purifying Filter

31



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.



## MSZ-DW SERIES Indoor Unit R32

MSZ-DW25/35/50VF



















MUZ-DW35VF





































ре					Inverter Heat Pump		
Indoor Unit				MSZ-DW25VF	MSZ-DW35VF	MSZ-DW50VF	
Outdoor Unit				MUZ-DW25VF	MUZ-DW35VF	MUZ-DW50VF	
frigerar	nt				R32 <sup>(*1)</sup>		
Power Source				Outdoor Power supply			
pply	Outdoor (V / Phase / Hz)			230V/Single/50Hz			
	Design load		kW	2.5	3.4	5.0	
	Annual electricity consumption (*2)		kWh/a	135	184	261	
	SEER (*4)	•		6.2	6.2	6.5	
oling		Energy efficiency class		A++	A++	A++	
		Rated	kW	2.5	3.4	5.0	
	Capacity	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	
	Design load		kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	
		at reference design temperature		1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	
	Declared 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)	
ting	Back up heating capacity		kW	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	
age	Annual electricity consumption (*2)		kWh/a	618	781	1174	
	SCOP <sup>(4)</sup>			4.3	4.3	4.3	
		Energy efficiency class		A <sup>+</sup>	A <sup>+</sup>	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	
ratin	Current (Max)		A	5.0	6.7	10.0	
	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	
oor	Air Volume	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	
:	(Lo-Mid-Hi-SHi <sup>(*3)</sup> )	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 <sup>(*3)</sup> )	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	
		Cooling	m³/min	30.3	32.2	33.5	
	Air Volume	Heating	m³/min	30.3	32.2	32.7	
door	0 11 1/07::	Cooling	dB(A)	50	51	50	
t	Sound Level (SPL)	Heating	dB(A)	50	51	51	
	Sound Level (PWL)		dB(A)	63	64	64	
	Operating Current (Max)		Α	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	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	
		Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	

<sup>)</sup> 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 550. This means that if 1 kg of 100 years. Never try to interfere with the refrigerant cloud warming would be 550 times higher than 1 kg of CO;, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or discassemble the productly ourself and always ask a professional.

The GWP of R3; is 675 in the IPCC 44h Assessment Report.

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

<sup>(2)</sup> Sets Super High (2) Se