



Diagram showing the front view of the indoor unit with dimensions: 290 mm height, 799 mm width, and 232 mm depth.

Energy Saving

A+ " for SCOP (heating).

| Unit | SEER | SCOP |
|--------------|------|------|
| MSZ-DW 25VF | 6.2 | 4.3 |
| MSZ-DW 35VF | 6.2 | 4.3 |
| MSZ-DWV 50VF | 6.5 | 4.3 |

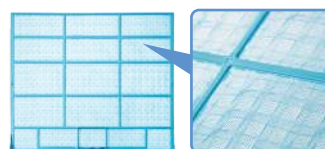
SEER Rank A+ (5.6)

SEER Rank A+ (6.1)

SCOP Rank A+ (4.0)

Simple Control

Air Purifying Filter



Suppression Removal Removal

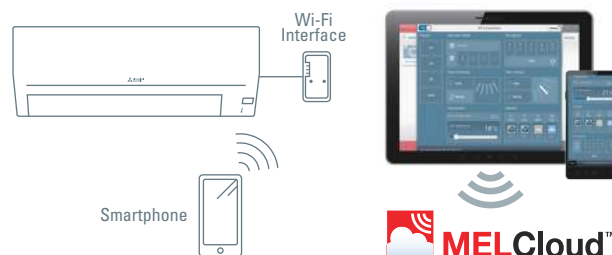
The three-dimensional surface expands the filter's capture area and contributes to the better dust collection performance than conventional filters.

Wi-Fi and System Control

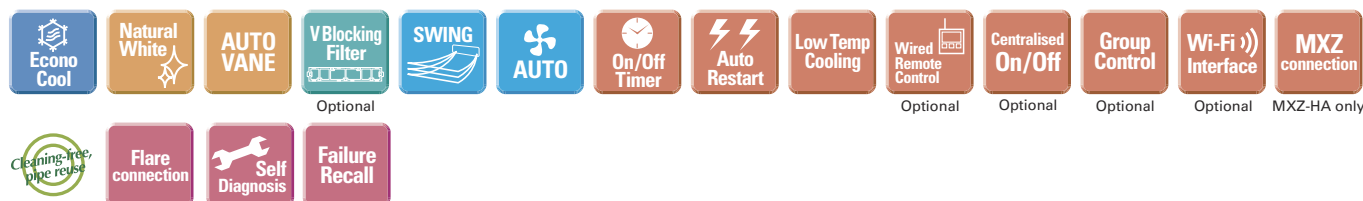
Wi-Fi Interface (Optional)

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

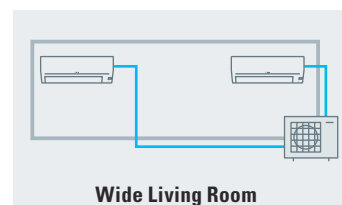
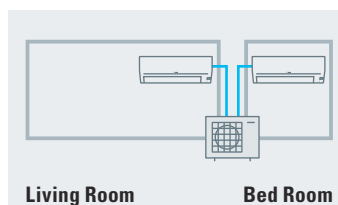
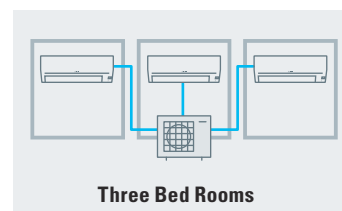
Multi connection

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.



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 | |
| | 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 | |
| Heating (Average Season) | Design load | | kW | 1.9 (-10°C) | 2.4 (-10°C) | 3.8 (-10°C) | |
| | 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 | |
| | 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 | |
| Heating (Warmer Season) | 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) | |
| | Annual electricity consumption (*1) | | kWh/a | 287 | 331 | 554 | |
| | SCOP | | | 5.3 | 5.2 | 5.2 | |
| | Energy efficiency class | | | A+++ | A+++ | A+++ | |
| | 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 | 0.20 | 0.27 | 0.36 | |
| | 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 | |
| | | 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 | |
| | | 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 |
| | 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 | |

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