

MSZ-EF R32

Zen Wall Mounted System

Inverter Heat Pump

Mseries

The **MSZ-EF** Zen range is a modern wall mounted air conditioning system that effortlessly blends streamlined design with energy efficiency, low noise, Wi-Fi control and air purification.

Available in capacities from 1.8kW to 5kW and connectable as a single or multi-split system, the Zen is the ideal solution for residential and small office applications.

R32

Key Features & Benefits:

- Stylish design with a choice of 3 sleek colours - black, silver and white
- Built in Wi-Fi interface enables system control & monitoring via the Mitsubishi Electric MELCloud app; plus voice control - compatible with Amazon Alexa or Google Assistant enabled devices
- In-room air purification through our advanced V-Blocking filter, neutralising bacteria, viruses, allergens, dust and mould
- Easy operation via a backlit controller with 7 day time clock
- Compatible with Plasma Quad Connect - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust



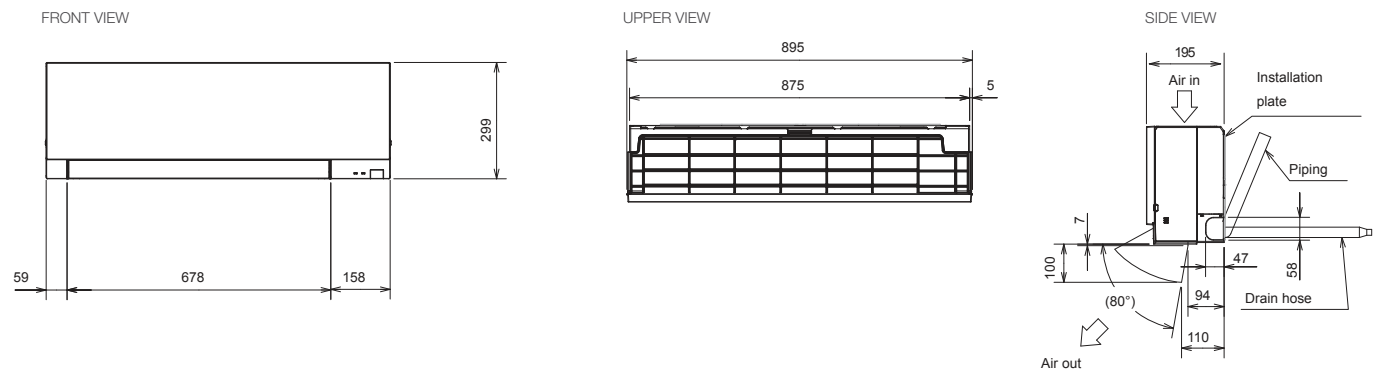


| MSZ-EF B/S/W INDOOR UNITS | | MSZ-EF18VGK B/S/W | MSZ-EF22VGK B/S/W | MSZ-EF25VGK B/S/W | MSZ-EF35VGK B/S/W | MSZ-EF50VGK B/S/W |
|---------------------------------|------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--|
| CAPACITY (kW) | Heating (nominal) | 2.0 (0.9 - 4.0) | 2.6 (1.0-4.5) | 3.2 (1.0-4.2) | 4.0 (1.3-5.1) | 5.8 (1.4-7.5) |
| | Cooling (nominal) | 1.8 (0.9 - 3.0) | 2.2 (1.0-3.2) | 2.5 (0.9-3.4) | 3.5 (1.1-4.0) | 5.0 (1.4-5.4) |
| | Heating (UK) | - | - | 2.65 (0.91-3.49) | 3.32 (1.08-4.23) | 4.82 (1.16-6.23) |
| | Cooling (UK) | - | - | 2.48 (0.89-3.37) | 3.47 (1.09-3.96) | 4.96 (1.39-5.36) |
| SHF (nominal) | - | - | 0.97 | 0.80 | 0.70 | |
| COP / EER (nominal) | - | - | 4.57 / 4.63 | 4.21 / 3.85 | 3.72 / 3.25 | |
| SCOP / SEER (BS EN14825) | - | - | 4.7 / 9.1 | 4.6 / 8.8 | 4.5 / 7.5 | |
| ERP ENERGY EFFICIENCY CLASS | Heating/Cooling | - | - | A++ / A+++ | A++ / A+++ | A+ / A++ |
| AIRFLOW (l/s) | Heating/Cooling - SLo-Lo-Mi-Hi-SHi | 67-77-103-148-198 / 67-77-105-138-175 | 67-77-103-148-198 / 67-77-105-138-175 | 67-77-103-148-198 / 67-77-105-138-175 | 67-77-103-148-212 / 67-77-105-138-175 | 107-120-150-185-243 / 97-113-132-153-188 |
| PIPE SIZE mm (in) | Gas | 9.52 (3/8") | 9.52 (3/8") | 9.52 (3/8") | 9.52 (3/8") | 9.52 (3/8") |
| | Liquid | 6.35 (1/4") | 6.35 (1/4") | 6.35 (1/4") | 6.35 (1/4") | 6.35 (1/4") |
| SOUND PRESSURE LEVEL (dBA) | Heating/Cooling - SLo-Lo-Mi-Hi-SHi | 21-24-29-37-45 / 19-23-29-36-42 | 21-24-29-37-45 / 19-23-29-36-42 | 21-24-29-37-45 / 19-23-29-36-42 | 21-24-30-38-46 / 21-24-30-36-42 | 30-33-37-43-49 / 30-33-36-40-43 |
| SOUND POWER LEVEL (dBA) | - | 60 | 60 | 60 | 60 | 60 |
| DIMENSIONS (mm) | Width x Depth x Height | 885 x 195 x 299 | 885 x 195 x 299 | 885 x 195 x 299 | 885 x 195 x 299 | 885 x 195 x 299 |
| WEIGHT (kg) | - | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 |
| ELECTRICAL SUPPLY | - | Fed by Outdoor Unit | Fed by Outdoor Unit | Fed by Outdoor Unit | Fed by Outdoor Unit | Fed by Outdoor Unit |
| FUSE RATING (BS88) - HRC (A) | - | 6 | 6 | 6 | 6 | 6 |
| INTERCONNECTING CABLE No. CORES | - | 4 | 4 | 4 | 4 | 4 |

| MUZ-EF OUTDOOR UNITS | | MXZ Multi-Split Connection Only | MXZ Multi-Split Connection Only | MUZ-EF25VG | MUZ-EF35VG | MUZ-EF50VG |
|--|---------------------------|---------------------------------|---------------------------------|-----------------|-----------------|------------------|
| SOUND PRESSURE LEVEL (dBA) | Heating/Cooling | - | - | 48 / 47 | 50 / 49 | 52 / 52 |
| SOUND POWER LEVEL (dBA) | Cooling | - | - | 58 | 62 | 65 |
| WEIGHT (kg) | - | - | - | 31 | 34 | 40 |
| DIMENSIONS (mm) | Width x Depth x Height | - | - | 800 x 285 x 550 | 800 x 285 x 550 | 800 x 285 x 714 |
| ELECTRICAL SUPPLY | - | - | - | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz |
| PHASE | - | - | - | Single | Single | Single |
| SYSTEM POWER INPUT (kW) | Heating/Cooling (nominal) | - | - | 0.70 / 0.54 | 0.95 / 0.91 | 1.56 / 1.54 |
| | Heating/Cooling (UK) | - | - | 0.64 / 0.44 | 0.87 / 0.73 | 1.42 / 1.24 |
| STARTING CURRENT (A) | - | - | - | 3.6 | 4.4 | 7.1 |
| SYSTEM RUNNING CURRENT (A) | Heating/Cooling [MAX] | - | - | 3.6 / 3.0 [6.8] | 4.4 / 4.2 [6.8] | 7.1 / 6.9 [13.6] |
| FUSE RATING (BS88) - HRC (A) | - | - | - | 10 | 10 | 16 |
| MAINS CABLE No. CORES | - | - | - | 3 | 3 | 3 |
| MAX PIPE LENGTH (m) | - | - | - | 20 | 20 | 30 |
| MAX HEIGHT DIFFERENCE (m) | - | - | - | 12 | 12 | 15 |
| CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) - 7m | - | - | - | 0.62 / 0.42 | 0.74 / 0.50 | 1.05 / 0.71 |
| MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) | - | - | - | 0.26 / 0.18 | 0.26 / 0.18 | 0.46 / 0.31 |

Note: MSZ-EF18VGK only available with R32 MXZ multi-split outdoor units. B = Black S = Silver W = White.

MSZ-EF18/25/35/50VGK B/S/W DIMENSIONS



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[mitsubishielectricuk_les](https://www.youtube.com/channel/UCm5t3u3t3t3t3t3t3t3t3t3)



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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. The fuse rating is for guidance only and please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of April 2023

