

Air Conditioning

Product Information

MSZ-HR R32
Classic Wall Mounted System
Inverter Heat Pump

Making a
World of
Difference

M series



Mitsubishi Electric's range of classic, flat panel wall mounted models make use of inverter technology, whilst providing extremely good value for money, costing approximately 20% less than the MSZ-AP equivalent.

Key Features

- Compact and stylish white design, including a new 5.0kW model
- Highly energy efficient, utilising low GWP R32 refrigerant
- Optional Wi-Fi interface now available with this model, enabling control and monitoring using a smartphone, tablet or PC via the MELCloud app
- Extremely quiet sound levels whilst also delivering economical air conditioning with improved SCOP / SEER figures
- Weekly timer provides greater control of scheduling



Cooling | Heating | Ventilation | Controls

R32

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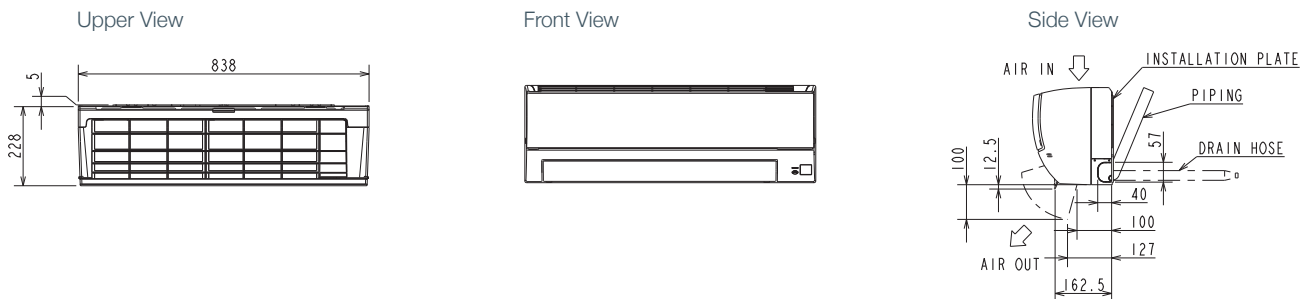
Making a
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Difference



| MSZ-HR - INDOOR UNITS | | MSZ-HR25VF | MSZ-HR35VF | MSZ-HR50VF |
|---------------------------------|--------------------------------|-------------------------------|-------------------------------|-----------------------------------|
| CAPACITY (kW) | Heating (nominal) | 3.15 (0.7-3.5) | 3.60 (0.9-3.7) | 5.40 (1.4-6.5) |
| | Cooling (nominal) | 2.50 (0.5-2.9) | 3.40 (0.9-3.4) | 5.00 (1.3-5.0) |
| | Heating (UK) | 2.61 (0.6-2.9) | 2.99 (0.75-3.1) | 4.48 (1.16-5.39) |
| | Cooling (UK) | 2.48 (0.5-2.8) | 3.37 (0.89-3.4) | 4.96 (1.29-4.96) |
| SHF (nominal) | | 0.78 | 0.78 | 0.73 |
| COP / EER (nominal) | | 3.71 / 3.13 | 3.69 / 2.81 | 3.48 / 2.44 |
| SCOP / SEER (BS EN14825) | | 4.30 / 6.20 | 4.30 / 6.20 | 4.30 / 6.50 |
| ErP ENERGY EFFICIENCY CLASS | Heating/Cooling | A+ / A++ | A+ / A++ | A+ / A++ |
| AIRFLOW (l/s) | Heating/Cooling - Lo-Mi-Hi-SHi | 55-90-123-168 / 60-90-120-162 | 55-90-123-175 / 60-93-130-195 | 102-138-187-242 / 107-153-187-218 |
| PIPE SIZE mm (in) | Gas | 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") |
| SOUND PRESSURE LEVEL (dBA) | Heating/Cooling - Lo-Mi-Hi-SHi | 21-30-37-43 / 21-30-37-43 | 21-30-37-44 / 22-31-38-46 | 27-34-41-47 / 28-36-40-45 |
| SOUND POWER LEVEL (dBA) | | 57 | 60 | 60 |
| DIMENSIONS (mm) | Width x Depth x Height | 838 x 228 x 280 | 838 x 228 x 280 | 838 x 228 x 280 |
| WEIGHT (kg) | | 8.5 | 8.5 | 9 |
| ELECTRICAL SUPPLY | | Fed by Outdoor Unit | Fed by Outdoor Unit | Fed by Outdoor Unit |
| FUSE RATING (BS88) - HRC (A) | | 6 | 6 | 6 |
| INTERCONNECTING CABLE No. CORES | | 4 | 4 | 4 |

| MUZ-HR - OUTDOOR UNITS | | MUZ-HR25VF | MUZ-HR35VF | MUZ-HR50VF |
|--|---------------------------|-----------------|-----------------|-----------------|
| SOUND PRESSURE LEVEL (dBA) | Heating/Cooling | 50 / 50 | 51 / 51 | 51 / 50 |
| SOUND POWER LEVEL (dBA) | Cooling | 63 | 64 | 64 |
| WEIGHT (kg) | | 23 | 24 | 35 |
| DIMENSIONS (mm) | Width x Depth x Height | 699 x 249 x 538 | 699 x 249 x 538 | 800 x 285 x 550 |
| ELECTRICAL SUPPLY | | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz |
| PHASE | | Single | Single | Single |
| SYSTEM POWER INPUT (kW) | Heating/Cooling (nominal) | 0.85 / 0.80 | 0.98 / 1.21 | 1.55 / 2.05 |
| | Heating/Cooling (UK) | 0.77 / 0.63 | 0.89 / 0.96 | 1.40 / 1.62 |
| STARTING CURRENT (A) | | 4.1 | 5.9 | 9.0 |
| SYSTEM RUNNING CURRENT (A) | Heating/Cooling [MAX] | 4.1 / 3.8 [4.8] | 4.6 / 5.9 [6.4] | 6.9 / 9.0 [9.6] |
| FUSE RATING (BS88) - HRC (A) | | 10 | 10 | 16 |
| MAINS CABLE No. CORES | | 3 | 3 | 3 |
| MAX PIPE LENGTH (m) | | 20 | 20 | 20 |
| MAX HEIGHT DIFFERENCE (m) | | 12 | 12 | 12 |
| CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) | | 0.40 / 0.27 | 0.45 / 0.30 | 0.80 / 0.54 |
| MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) | | 0.26 / 0.18 | 0.26 / 0.18 | 0.26 / 0.18 |

PRODUCT DIMENSIONS



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Note: The fuse rating is for guidance only. 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) or R134a (GWP:1430). *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).



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