

Air Conditioning

Product Information

MSY-TP R32
High SHF Wall Mounted System
Inverter Heat Pump (Cooling Only)

Making a
World of
Difference

M series



The M Series **MSY-TP R32** High SHF wall mounted system blends energy efficiency with a modern white design. This cooling only unit has a high sensible cooling capacity, making it ideal for small computer rooms or areas that require a greater degree of sensible cooling. The MSY-TP also utilises low GWP R32 refrigerant.

Key Features

- Compact and stylish white design
- High sensible cooling ability
- Highly energy efficient, utilising low GWP R32 refrigerant
- Weekly timer provides greater control of scheduling
- Cooling down to -25°C outdoor air temperature



Cooling | Heating | Ventilation | Controls

R32

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| MSY-TP - INDOOR UNITS | | MSY-TP35VF | MSY-TP50VF |
|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| CAPACITY (kW) | Cooling (nominal) Cooling (UK) | 3.5 (1.5-4.0) 3.47 (1.48-3.96) | 5.0 (1.5-5.7) 4.96 (1.48-5.65) |
| SHF (nominal) | | 0.98 | 0.82 |
| EER (nominal) | | 4.61 | 3.45 |
| SEER (BS EN14825) | | 9.00 | 8.00 |
| EP ENERGY EFFICIENCY CLASS | Cooling | A+++ | A++ |
| AIRFLOW (l/s) | Cooling - Lo-Mi-Hi-SHi | 168-193-228-273 | 168-193-228-273 |
| PIPE SIZE mm (in) | Gas | 9.52 (3/8") | 9.52 (3/8") |
| | Liquid | 6.35 (1/4") | 6.35 (1/4") |
| SOUND PRESSURE LEVEL (dBA) | Cooling - Lo-Mi-Hi-SHi | 31-36-40-45 | 31-36-40-45 |
| SOUND POWER LEVEL (dBA) | | 60 | 60 |
| DIMENSIONS (mm) | Width x Depth x Height | 923 x 250 x 305 | 923 x 250 x 305 |
| WEIGHT (kg) | | 12.5 | 12.5 |
| ELECTRICAL SUPPLY | | 220-240v, 50Hz | 220-240v, 50Hz |
| FUSE RATING (BS88) - HRC (A) | | 10 | 10 |
| INTERCONNECTING CABLE No. CORES | | 4 | 4 |

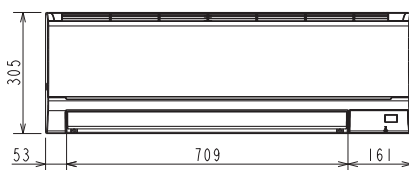
| MUY-TP - OUTDOOR UNITS | | MUY-TP35VF | MUY-TP50VF |
|--|------------------------|--------------------|--------------------|
| SOUND PRESSURE LEVEL (dBA) | Cooling | 45 | 47 |
| SOUND POWER LEVEL (dBA) | Cooling | 58 | 61 |
| WEIGHT (kg) | | 34 | 34 |
| DIMENSIONS (mm) | Width x Depth x Height | 800 x 285 x 550 | 800 x 285 x 550 |
| ELECTRICAL SUPPLY | | Fed by Indoor Unit | Fed by Indoor Unit |
| PHASE | | Single | Single |
| SYSTEM POWER INPUT (kW) | Cooling (nominal) | 0.76 | 1.45 |
| | Cooling (UK) | 0.64 | 1.12 |
| STARTING CURRENT (A) | | 3.6 | 6.4 |
| SYSTEM RUNNING CURRENT (A) | Cooling [MAX] | 3.6 [9.2] | 6.4 [9.2] |
| FUSE RATING (BS88) - HRC (A) | | 10 | 10 |
| MAINS CABLE No. CORES | | 3 | 3 |
| MAX PIPE LENGTH (m) | | 20 | 20 |
| MAX HEIGHT DIFFERENCE (m) | | 12 | 12 |
| CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) | | 0.85 / 0.57 | 0.85 / 0.57 |
| MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) | | 0.13 / 0.09 | 0.13 / 0.09 |

Notes: The SHF figures are based on nominal conditions. Requires an additional MAC-334IF-E interface and PAR-40MAA wired remote controller

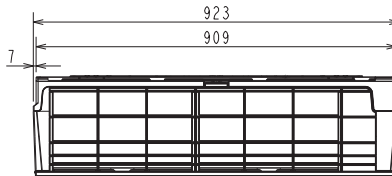
PRODUCT DIMENSIONS

MSY-TP35/50VF

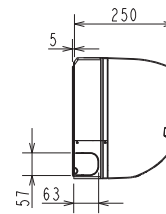
Front View



Upper View



Side View



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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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