

# MFZ-KT R32

Floor Mounted System

Inverter Heat Pump



The MFZ-KT series is extremely versatile and is designed for wall attached installation at floor level.

The auto swing vane provides a more natural and comfortable airflow throughout the room and the lightweight, compact design makes installation easy. To aid control and energy saving, the controller has an inbuilt 7 day timeclock.



## Key Features & Benefits:

- Simple flat asymmetrical design that harmonises with all types of interiors
- Swing vane mode with autovane shutter
- Optimum air distribution through the use of three uniquely shaped vanes



## Air Conditioning Product Information

### **MFZ-KT R32** Floor Mounted System Inverter Heat Pump







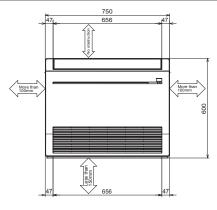


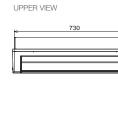


| MFZ-KT INDOOR UNITS               |   | MFZ-KT25VG                      | MFZ-KT35VG                      | MFZ-KT50VG                      |
|-----------------------------------|---|---------------------------------|---------------------------------|---------------------------------|
| CAPACITY (kW)                     | Heating (nominal)   | 3.4 (1.3-4.2)                   | 4.3 (1.1-5.0)                   | 6.0 (1.5-7.2)                   |
|                                   | Cooling (nominal)   | 2.5 (1.6-3.2)                   | 3.5 (0.9-3.9)                   | 5.0 (1.2-5.6)                   |
|                                   | Heating (UK)  | 2.79 (1.07-3.44)                | 3.53 (0.9-4.10)                 | 4.92 (1.23-5.90)                |
|                                   | Cooling (UK)  | 2.45 (1.57-3.14)                | 3.43 (0.88-3.82)                | 4.90 (1.18-5.49)                |
| SHF (nominal)                     |   | 0.79                            | 0.70                            | 0.72                            |
| COP / EER (nominal)               |   | 3.74 / 4.03                     | 3.41 / 3.30                     | 3.23 / 3.23                     |
| SCOP / SEER (BS EN14825)          |   | 4.2 / 6.5                       | 4.4 / 6.6                       | 4.2 / 6.8                       |
| ErP ENERGY EFFICIENCY CLASS       | Heating/Cooling   | A+ / A++                        | A+ / A++                        | A+ / A++                        |
| AIRFLOW (I/s)                     | Heating - Silent-Lo-Mi-Hi-SHi   | 58-67-93-122-162                | 58-67-93-122-162                | 100-128-157-193-233             |
|                                   | Cooling - Silent-Lo-Mi-Hi-SHi   | 65-80-108-130-148               | 65-80-108-130-148               | 93-112-143-173-205              |
| PIPE SIZE mm (in)                 | Gas   | 9.52 (3/8")                     | 9.52 (3/8")                     | 12.7 (1/2")                     |
|                                   | Liquid  | 6.35 (1/4")                     | 6.35 (1/4")                     | 6.35 (1/4")                     |
| SOUND PRESSURE LEVEL (dBA)        | Heating/Cooling - Silent-Lo-Mi-Hi-SHi   | 19-23-30-37-44 / 19-24-31-37-41 | 19-23-30-37-44 / 19-24-31-37-41 | 29-35-40-44-49 / 28-32-37-42-48 |
| SOUND POWER LEVEL (dBA)           |   | 54                              | 54                              | 60                              |
| DIMENSIONS (mm)                   | Width x Depth x Height  | 750 x 215 x 600                 | 750 x 215 x 600                 | 750 x 215 x 600                 |
| VEIGHT (kg)                       |   | 14.5                            | 14.5                            | 15                              |
| LECTRICAL SUPPLY                  |   | Fed by Outdoor Unit             | Fed by Outdoor Unit             | Fed by Outdoor Unit             |
| USE RATING (BS88) - HRC (A)       |   | 6                               | 6                               | 6                               |
| NTERCONNECTING CABLE No. CORES    | S   | 4                               | 4                               | 4                               |
| SUZ-M OUTDOOR UNITS               |   | SUZ-M25VAR2                     | SUZ-M35VAR2                     | SUZ-M50VAR2                     |
| SOUND PRESSURE LEVEL (dBA)        | Heating/Cooling   | 46 / 45                         | 48 / 48                         | 49 / 48                         |
| SOUND POWER LEVEL (dBA)           | Cooling   | 59                              | 59                              | 64                              |
| WEIGHT (kg)                       |   | 30                              | 35                              | 41                              |
| 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)   | 0.80 / 0.71                     | 1.07 / 1.00                     | 1.61 / 1.54                     |
|                                   | Heating/Cooling (UK)  | 0.68 / 0.61                     | 0.91 / 0.86                     | 1.37 / 1.32                     |
| STARTING CURRENT (A)              |   | 3.7                             | 5.0                             | 8.0                             |
| SYSTEM RUNNING CURRENT (A)        | Heating/Cooling [MAX]   | 3.7 / 3.0 [6.8]                 | 5.0 / 4.1 [8.5]                 | 8.0 / 7.1 [13.5]                |
| FUSE RATING (BS88) - HRC (A)      |   | 10                              | 10                              | 20                              |
| MAINS CABLE No. CORES             |   | 3                               | 3                               | 3                               |
| MAX PIPE LENGTH (m)               |   | 20                              | 20                              | 30                              |
| MAX HEIGHT DIFFERENCE (m)         |   | 12                              | 12                              | 30                              |
|                                   |   | 0.05.10.14                      | 0.90 / 0.61                     | 1.20 / 0.81                     |
| CHARGE REFRIGERANT (kg) / CO2 EQI | JIVALENT (t) - R32 (GWP 675) - 7m<br>/ C0 <sub>2</sub> EQUIVALENT (t) - R32 (GWP 675) | 0.65 / 0.44                     | 0.9070.01                       | 1.20/0.01                       |

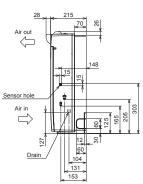
#### MFZ-KT25/35/50VG DIMENSIONS

FRONT 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), R134a (GWP:1430), R513A (GWP:631), R454B (GWP-465), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:137), R454B (GWP:455), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of May 2020



