

# MFZ-KT R32

## Floor Mounted System

### Inverter Heat Pump

The **MFZ-KT** floor mounted system is extremely versatile and is designed for wall-attached installation at floor level. Lightweight and compact in design, this unit is ideal for applications such as conservatories, garden rooms and small offices where wall space is limited.

### Key Features & Benefits

- Lightweight, floor mounted design for easy installation
- Auto-swing vane feature provides a natural and comfortable airflow
- Controller with built-in timer
- Optional Wi-Fi interface enabling control & monitoring via the MELCloud app

# R32



| 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 (l/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                 |
| WEIGHT (kg)                     |                                       | 14.5                            | 14.5                            | 15                              |
| 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                               |

| 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               |
| CHARGE REFRIGERANT (KG) / CO <sub>2</sub> EQUIVALENT (T) - R32 (GWP 675) - 7M    |                           | 0.65 / 0.44     | 0.90 / 0.61     | 1.20 / 0.81      |
| MAX ADDITIONAL REFRIGERANT (KG) / CO <sub>2</sub> EQUIVALENT (T) - R32 (GWP 675) |                           | 0.26 / 0.18     | 0.26 / 0.18     | 0.46 / 0.31      |

## Accessories

### Outdoor Units

#### MAC-881SG

Air outlet guide for SUZ-M25/35VAR2

#### MAC-882SG

Air outlet guide for SUZ-M50VAR2

### System Control Units

#### PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB = Premium Finish)

#### PAR-41MAA

Standard wired remote controller

#### MAC-334IF-E

Interface for M-NET, MA remote controller  
(PAR-41MAA / PAR-CT01MAA),  
on/off input and run/fault output

#### MAC-497IF-E

Interface for MA remote controller  
(PAR-41MAA / PAR-CT01MAA)

#### MAC-587IF-E

Interface for connection to Wi-Fi MELCloud service

#### MELCOBEMS MINI (A1M+)

Modbus and BACnet MSTP CN105 adaptor

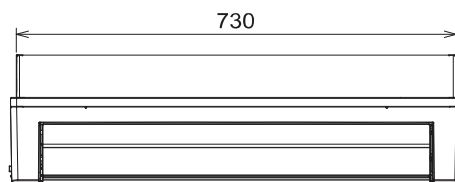
#### MELCORETAIL MINI

Retail control and input / output interface

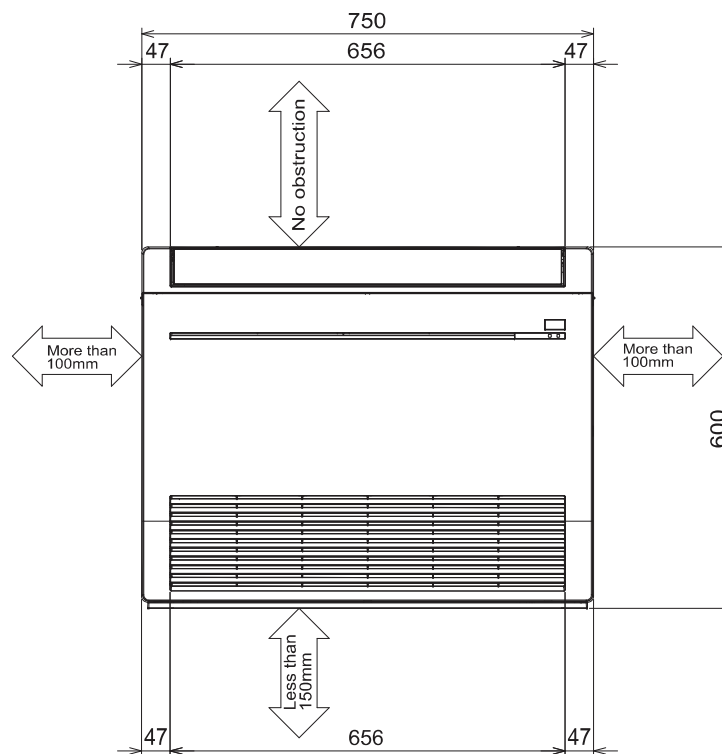
## Product Dimensions

### MFZ-KT25/35/50VG

Upper View



Front View



Side View

