

# Air Conditioning

Designed to reduce energy consumption  
and running costs in the built environment



# SLZ-M R32

## 600x600 4-Way Blow Ceiling Cassette System

### Standard Inverter Heat Pump (Single Phase)



The **SLZ-M Standard Inverter** ceiling cassette unit provides a smart air conditioning solution for tight ceiling spaces. Combining a stylish square design with energy-saving technologies, it is designed to fit snugly into ceilings, making the unit ideal in both small commercial spaces, offices and retail applications.

#### Key Features & Benefits

- Height of only 245mm to allow installation in narrow ceiling spaces
- Increased comfort levels through advanced airflow
- New PAR-41MAA controller allows effective energy consumption monitoring
- Small footprint, single fan chassis across entire outdoor unit range
- Optional 3D i-see sensor grille provides energy efficient, customised comfort by automatically monitoring room occupancy, position and body temperatures (SLP-2FAE)
- Optional V Blocking filter provides in-room air purification, neutralising viruses, allergens, dust and mould



| SLZ-M - INDOOR UNITS              | SLZ-M15FA2                                                                                               | SLZ-M25FA2                                                                     | SLZ-M35FA2                                                                     | SLZ-M50FA2                                                                     | SLZ-M60FA2                                                                     |
|-----------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| CAPACITY (kW)                     | 1.7 (0.9-3.1)<br>2.5 (1.4-3.2)<br>Heating (nominal)<br>Cooling (nominal)<br>Heating (UK)<br>Cooling (UK) | 3.2 (1.3-4.2)<br>2.5 (1.4-3.2)<br>2.72 (1.11-3.57)<br>2.30 (1.29-2.94)<br>0.78 | 4.0 (1.0-5.0)<br>3.5 (0.7-3.9)<br>3.40 (0.85-4.25)<br>3.22 (0.64-3.59)<br>0.72 | 5.0 (1.3-5.5)<br>4.6 (1.0-5.2)<br>4.25 (1.11-4.68)<br>4.42 (0.92-4.79)<br>0.68 | 6.4 (1.6-7.3)<br>5.7 (1.5-6.3)<br>5.44 (1.36-6.21)<br>5.25 (1.38-5.80)<br>0.68 |
| SHF (nominal)                     | -                                                                                                        | -                                                                              | -                                                                              | -                                                                              | -                                                                              |
| COP / EER (nominal)               | -                                                                                                        | 3.61 / 3.80                                                                    | 3.71 / 3.20                                                                    | 3.20 / 3.40                                                                    | 3.00 / 3.40                                                                    |
| SCOP / SEER (BS EN14825)          | -                                                                                                        | 4.30 / 6.30                                                                    | 4.30 / 6.70                                                                    | 4.20 / 6.30                                                                    | 4.10 / 6.20                                                                    |
| EFP ENERGY EFFICIENCY CLASS       | -                                                                                                        | A+ / A++                                                                       | A+ / A++                                                                       | A+ / A++                                                                       | A+ / A++                                                                       |
| AIRFLOW (l/s)                     | Lo-Mi-Hi                                                                                                 | 100-108-117                                                                    | 108-125-142                                                                    | 117-150-192                                                                    | 125-192-217                                                                    |
| PIPE SIZE mm (in)                 | Lo-Mi-Hi                                                                                                 | 9.52 (3/8")                                                                    | 9.52 (3/8")                                                                    | 12.7 (1/2")                                                                    | 15.88 (5/8")                                                                   |
| PIPE SIZE mm (in)                 | Lo-Mi-Hi                                                                                                 | 6.35 (1/4")                                                                    | 6.35 (1/4")                                                                    | 6.35 (1/4")                                                                    | 6.35 (1/4")                                                                    |
| SOUND PRESSURE LEVEL (dBA)        | Lo-Mi-Hi                                                                                                 | 24-26-28                                                                       | 25-28-31                                                                       | 25-30-34                                                                       | 27-34-39                                                                       |
| SOUND POWER LEVEL (dBA)           | Lo-Mi-Hi                                                                                                 | 45                                                                             | 48                                                                             | 51                                                                             | 56                                                                             |
| DIMENSIONS (mm)                   | Width x Depth x Height                                                                                   | 570 (625) x 570 (625) x 245 (10)                                               | 570 (625) x 570 (625) x 245 (10)                                               | 570 (625) x 570 (625) x 245 (10)                                               | 570 (625) x 570 (625) x 245 (10)                                               |
| WEIGHT (kg)                       | Unit / Grille                                                                                            | 15 / 3                                                                         | 15 / 3                                                                         | 15 / 3                                                                         | 15 / 3                                                                         |
| ELECTRICAL SUPPLY                 | Unit / Grille                                                                                            | Fed by Outdoor Unit                                                            | Fed by Outdoor Unit                                                            | Fed by Outdoor Unit                                                            | Fed by Outdoor Unit                                                            |
| FUSE RATING (BS888) - HRC (A)     | Unit / Grille                                                                                            | 6                                                                              | 6                                                                              | 6                                                                              | 6                                                                              |
| INTERCONNECTING CABLE No. Cores   | Unit / Grille                                                                                            | 4                                                                              | 4                                                                              | 4                                                                              | 4                                                                              |
| GRILLE REFERENCE                  | Unit / Grille                                                                                            | SLP-2FA                                                                        | SLP-2FA                                                                        | SLP-2FA                                                                        | SLP-2FA                                                                        |
| WIRED REMOTE CONTROLLER REFERENCE | Unit / Grille                                                                                            | PAR-41TMAA                                                                     | PAR-41TMAA                                                                     | PAR-41TMAA                                                                     | PAR-41TMAA                                                                     |

Note: SLZ-M15FA only available with R32 MXZ Multi-Split outdoor units.

| SUZ-M - OUTDOOR UNITS                                    | N/A MULTI-SPLIT ONLY      | SUZ-M25VAR2     | SUZ-M35VAR2     | SUZ-M50VAR2      | SUZ-M60VAR2      |
|----------------------------------------------------------|---------------------------|-----------------|-----------------|------------------|------------------|
| SOUND PRESSURE LEVEL (dBA)                               | Heating/Cooling           | -               | -               | -                | -                |
| SOUND POWER LEVEL (dBA)                                  | Heating/Cooling           | -               | -               | -                | -                |
| WEIGHT (kg)                                              | Cooling                   | 45 / 46         | 48 / 48         | 48 / 49          | 49 / 51          |
| DIMENSIONS (mm)                                          | Width x Depth x Height    | 800 x 285 x 550 | 800 x 285 x 550 | 800 x 285 x 550  | 840 x 330 x 880  |
| ELECTRICAL SUPPLY                                        | Width x Depth x Height    | 220-240V, 50Hz  | 220-240V, 50Hz  | 220-240V, 50Hz   | 220-240V, 50Hz   |
| PHASE                                                    | Width x Depth x Height    | Single          | Single          | Single           | Single           |
| SYSTEM POWER                                             | Heating/Cooling (nominal) | 0.88 / 0.65     | 1.07 / 1.09     | 1.56 / 1.35      | 2.13 / 1.67      |
| INPUT (kW)                                               | Heating/Cooling (UK)      | 0.75 / 0.56     | 0.91 / 0.94     | 1.33 / 1.16      | 1.81 / 1.44      |
| STARTING CURRENT (A)                                     | Heating/Cooling (nominal) | 3.1             | 5.0             | 5.7              | 7.6              |
| SYSTEM RUNNING CURRENT (A)                               | Heating/Cooling (nominal) | 3.7 / 3.0 [6.8] | 5.0 / 4.1 [8.5] | 8.0 / 7.1 [13.5] | 9.3 / 8.4 [14.9] |
| FUSE RATING (BS888) - HRC (A)                            | Heating/Cooling (UK)      | 10              | 10              | 20               | 20               |
| MAINS CABLE No. Cores                                    | Heating/Cooling (UK)      | 3               | 3               | 3                | 3                |
| MAX PIPE LENGTH (m)                                      | Heating/Cooling (UK)      | 20              | 20              | 30               | 30               |
| MAX HEIGHT DIFFERENCE (m)                                | Heating/Cooling (UK)      | 12              | 12              | 30               | 30               |
| CHARGE REFRIGERANT (KG) / CO <sub>2</sub> EQUIVALENT (T) | Heating/Cooling (UK)      | 0.65 / 0.44     | 0.90 / 0.61     | 1.20 / 0.81      | 1.25 / 0.84      |
| CO <sub>2</sub> EQUIVALENT (T)                           | Heating/Cooling (UK)      | 0.91 / 0.61     | 1.16 / 0.78     | 1.66 / 1.12      | 1.71 / 1.15      |

## Accessories

### Indoor Units

SLP-2FA

Grille for SLZ-M15-60FA2

SLP-2FAE

3D i-see sensor grille for SLZ-M15-60FA2

PAC-SK54KF-E

V Blocking air purifying filter for SLZ-M15-60FA2

### Outdoor Units

MAC-881SG

Air outlet guide for SUZ-M25-35VAR2

MAC-882SG

Air outlet guide for SUZ-M50VAR2

MAC-886SG

Air outlet guide for SUZ-M60VAR2

### System Control Units

PAC-SA89TA

Remote on/off adaptor (3 wire adaptor)

PAC-SA88HA

Run/fault adaptor (5 wire adaptor)

PAC-SE41TS-E

Remote sensor

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

Modbus and BACnet MSTP CN105 adaptor

MELCORETAIL MINI

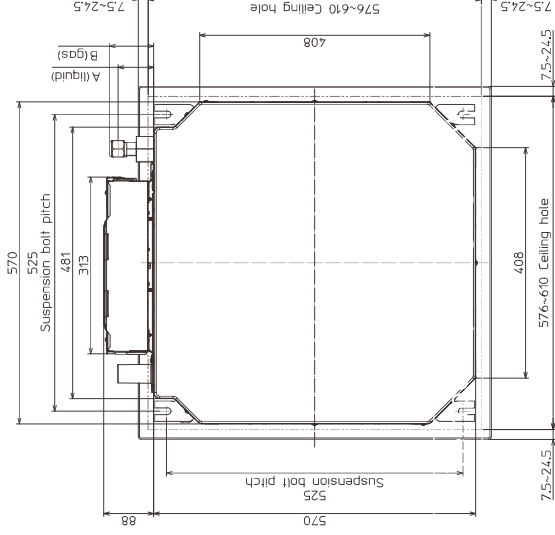
Retail control and input / output interface

Note: Please see page 1.3.60 for the full range of accessories.

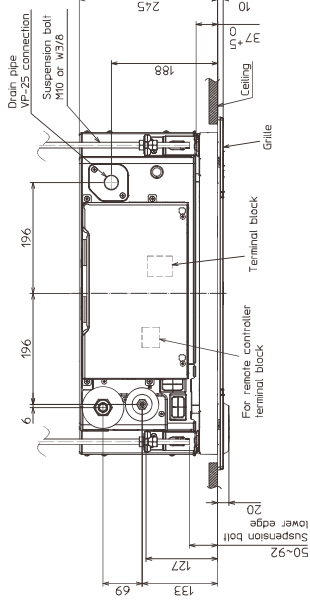
## Product Dimensions

SLZ-M15/25/35/50/60FA2

Upper View



Side View



Front View

