

# MLZ SERIES



## Indoor Unit **R32**



MLZ-KP25/35/50VG



## **R32**



MLZ-KY20VG

## Panel

MLP-450W

MLP-448W

## Outdoor Unit



SUZ-M25/35VA



SUZ-M50VA

For Multi  
Connection Only

## Remote Controller



Built in  
MLZ-KP/KY



\*optional



\*optional



\*optional



| Type                                 |                                                   | Inverter Heat Pump        |                 |                 |                  |
|--------------------------------------|---------------------------------------------------|---------------------------|-----------------|-----------------|------------------|
| Indoor Unit                          |                                                   | MLZ-KY20VG                | MLZ-KP25VG      | MLZ-KP35VG      | MLZ-KP50VG       |
| Outdoor Unit                         |                                                   | For Multi connection only | SUZ-M25VA       | SUZ-M35VA       | SUZ-M50VA        |
| Refrigerant                          |                                                   | R32 <sup>(*)</sup>        |                 |                 |                  |
| Power Supply                         | Source                                            | Outdoor Power supply      |                 |                 |                  |
|                                      | Outdoor ( V / Phase / Hz )                        | 230 / Single / 50         |                 |                 |                  |
| Cooling                              | Design load                                       | kW                        | 2.5             | 3.5             | 5.0              |
|                                      | Annual electricity consumption <sup>(**)</sup>    | kWh/a                     | 141             | 175             | 260              |
|                                      | SEER <sup>(**)</sup>                              |                           | 6.2             | 7.0             | 6.7              |
|                                      | Energy efficiency class                           |                           | A++             |                 |                  |
|                                      | Capacity                                          | kW                        | 2.5             | 3.5             | 5.0              |
| Heating (Average Season)             | Capacity                                          | kW                        | 1.4 - 3.2       | 0.8 - 3.9       | 1.7 - 5.6        |
|                                      | Total Input                                       | kW                        | 0.59            | 0.94            | 1.38             |
|                                      | Design load                                       | kW                        | 2.2             | 2.6             | 4.3              |
|                                      | Declared Capacity                                 | kW                        | 2.0 (-10°C)     | 2.3 (-7°C)      | 3.8 (-10°C)      |
|                                      | Back up heating capacity                          | kW                        | 0.2             | 0.3             | 0.5              |
| Operating Current (Max)              | Annual electricity consumption <sup>(**)</sup>    | kWh/a                     | 697             | 791             | 1397             |
|                                      | SCOP <sup>(**)</sup>                              |                           | 4.4             | 4.6             | 4.3              |
|                                      | Energy efficiency class                           |                           | A+              |                 |                  |
|                                      | Capacity                                          | kW                        | 3.2             | 4.1             | 6.0              |
|                                      | Total Input                                       | kW                        | 1.4 - 4.2       | 1.1 - 4.9       | 1.7 - 7.2        |
| Indoor Unit                          | Input                                             | A                         | 0.80            | 1.10            | 1.86             |
|                                      | Operating Current (Max)                           | A                         | 7.2             | 8.9             | 13.9             |
|                                      | Dimensions                                        | H*W*D                     | 194-842-301     | 185-1102-360    |                  |
|                                      | Weight                                            | kg                        | 11              | 15.5            |                  |
|                                      | Air Volume (SLo-Lo-Mid-Hi <sup>(*)</sup> )        | m³/min                    | 4.3-4.7-5.2-5.6 | 6.0-7.2-8.0-8.8 | 6.0-8.3-9.8-11.4 |
| Panel                                | Sound Level (SPL) (SLo-Lo-Mid-Hi <sup>(*)</sup> ) | dB(A)                     | 30-32-34-37     | 27-31-34-38     | 29-36-41-47      |
|                                      | Sound Level (PWL)                                 | dB(A)                     | 29-32-35-38     | 26-29-34-37     | 26-37-42-48      |
|                                      | Dimensions                                        | H*W*D                     | 40-42-44-50     | 52              | 59               |
|                                      | Weight                                            | kg                        | 34-915-370      | 24-1200-424     |                  |
|                                      | Dimensions                                        | H*W*D                     | 2.6             | 3.5             |                  |
| Outdoor Unit                         | Dimensions                                        | H*W*D                     | 550-800-285     | 714-800-285     |                  |
|                                      | Weight                                            | kg                        | 30              | 35              | 41               |
|                                      | Air Volume                                        | m³/min                    | 36.3            | 34.3            | 45.8             |
|                                      | Sound Level (SPL)                                 | dB(A)                     | 34.6            | 32.7            | 43.7             |
|                                      | Sound Level (PWL)                                 | dB(A)                     | 45              | 48              | 49               |
| Ext. Piping                          | Operating Current (Max)                           | A                         | 46              | 48              | 64               |
|                                      | Breaker Size                                      | A                         | 59              | 8.5             | 13.5             |
|                                      | Diameter                                          | Liquid/Gas                | 6.35/9.52       | 10              | 20               |
|                                      | Max.Length                                        | m                         | 20              | 30              |                  |
|                                      | Max.Height                                        | m                         | 12              | 30              |                  |
| Guaranteed Operating Range (Outdoor) | Cooling                                           | °C                        | -10~+46         | -10~+24         | -15~+46          |
|                                      | Heating                                           | °C                        |                 |                 |                  |

(\*) 1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub> over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

(\*) 2) The GWP of R32 is 675 in the IPCC 4th Assessment Report.

(\*) 3) SEER, SCOP and other related description are based on COMMISSION DELEGATED REGULATION (EU) No.626/2011. The temperature conditions for calculating SCOP are based on "Average Season".

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