# MSZ-LN R32

## Premium Wall Mounted System

### Inverter Heat Pump


Ruby Red (R)


Onyx Black (B)


Pearl White (V)


Natural White (W)







The **MSZ-LN** range is our flagship wall mounted system, that blends energy efficiency with a sophisticated streamlined design. Finished with a choice of four rich colours and a premium quality feel, this range features the latest product innovations, all designed to enhance the user experience, and is an excellent choice for residential or small commercial applications.

## Key Features & Benefits

- Built-in Plasma Quad Technology neutralises viruses, bacteria, allergens, PM2.5, mould and dust, inhibiting 99.8% of SARS-CoV-2*
- 3D i-see sensor provides energy efficient, customised comfort by automatically monitoring room occupancy, position and body temperatures
- Built in Wi-Fi interface enables system control & monitoring via the Mitsubishi Electric MELCloud Home app; plus voice control - compatible with Amazon Alexa enabled devices
- Dual-Barrier Coating to the heat exchanger, fan and air duct prevents dust and grease accumulation
- Energy efficient, ultra-quiet operation with a choice of fan speeds
- User-friendly backlit controller for remote operation, including scheduling options

GOOD DESIGN AWARD

R32

| **MSZ-LN** - INDOOR UNITS | | MSZ-LN18VG3 R/B/V/W | MSZ-LN25VG3 R/B/V/W | MSZ-LN35VG3 R/B/V/W | MSZ-LN50VG3 R/B/V/W | MSZ-LN60VG3 R/B/V/W |
|---|---|---|---|---|---|---|
| CAPACITY (KW) | Heating (nominal) | 2.0 (0.9-4.0) | 3.2 (0.7-5.4) | 4.0 (0.9-6.3) | 6.0 (1.0-8.2) | 6.8 (1.8-9.3) |
| | Cooling (nominal) | 1.8 (0.9-3.0) | 2.5 (1.0-3.5) | 3.5 (0.8-4.0) | 5.0 (1.0-6.0) | 6.1 (1.4-6.9) |
| | Heating (UK) | - | 2.64 (0.58-4.45) | 3.3 (0.74-5.2) | 4.94 (0.82-6.75) | 5.6 (1.48-7.66) |
| | Cooling (UK) | - | 2.48 (0.99-3.47) | 3.47 (0.79-3.96) | 4.95 (0.99-5.94) | 6.05 (1.38-6.84) |
| SHF (nominal) | | - | 0.97 | 0.90 | 0.77 | 0.75 |
| COP / EER (nominal) | | - | 5.33 / 5.15 | 4.88 / 4.27 | 4.05 / 3.62 | 3.76 / 3.41 |
| SCOP / SEER (BS EN14825) | | - | 5.2 / 10.5 | 5.1 / 9.5 | 4.6 / 8.5 | 4.6 / 7.5 |
| ErP ENERGY EFFICIENCY CLASS | Heating/Cooling | - | A+++ / A+++ | A+++ / A+++ | A++ / A+++ | A++ / A++ |
| AIRFLOW (l/s) | Heating (SLo-Lo-Mi-Hi-SHi) | 75-110-125-183-232 | 75-110-125-183-232 | 75-110-125-183-232 | 90-107-143-202-262 | 110-158-192-227-262 |
| | Cooling (SLo-Lo-Mi-Hi-SHi) | 78-98-118-153-207 | 78-93-113-142-207 | 78-93-113-142-217 | 95-127-148-177-232 | 118-148-177-212-262 |
| PIPE SIZE MM (in) | Gas | 9.52 (3/8") | 9.52 (3/8") | 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") | 6.35 (1/4") | 6.35 (1/4") |
| SOUND PRESSURE LEVEL (dBA) | Heating (SLo-Lo-Mi-Hi-SHi) | 19-24-29-38-45 | 19-24-29-38-45 | 19-24-29-38-45 | 25-29-34-41-47 | 29-37-41-45-49 |
| | Cooling (SLo-Lo-Mi-Hi-SHi) | 19-23-29-36-42 | 19-23-29-36-42 | 19-24-29-36-43 | 27-31-35-39-46 | 29-37-41-45-49 |
| SOUND POWER LEVEL (dBA) | | 58 | 58 | 59 | 60 | 65 |
| DIMENSIONS (mm) | Width x Depth x Height | 890 x 233 x 307 | 890 x 233 x 307 | 890 x 233 x 307 | 890 x 233 x 307 | 890 x 233 x 307 |
| WEIGHT (kg) | | 15 (R/B/V) / 14 (W) | 15 (R/B/V) / 14 (W) | 15 (R/B/V) / 14 (W) | 15.5 (R/B/V) / 14.5 (W) | 15.5 (R/B/V) / 14.5 (W) |
| ELECTRICAL SUPPLY | | Fed by Outdoor Unit | Fed by Outdoor Unit | Fed by Outdoor Unit | Fed by Outdoor Unit | Fed by Outdoor Unit |
| FUSE RATING (BS88) - HRC (A) | | 6 | 6 | 6 | 6 | 6 |
| INTERCONNECTING CABLE No. CORES | | 4 | 4 | 4 | 4 | 4 |

Notes: MSZ-LN18VG3 only available with R32 MXZ Multi-Split outdoor units. Ruby Red (R), Onyx Black (B), Pearl White (V), Natural White (W).

| **MUZ-LN** - OUTDOOR UNITS | | MULTI-SPLIT ONLY | MUZ-LN25VG3 | MUZ-LN35VG3 | MUZ-LN50VG3 | MUZ-LN60VG3 |
|---|---|---|---|---|---|---|
| SOUND PRESSURE LEVEL (dBA) | Heating/Cooling | - | 49 / 46 | 50 / 49 | 54 / 51 | 55 / 55 |
| SOUND POWER LEVEL (dBA) | Cooling | - | 60 | 61 | 64 | 65 |
| WEIGHT (kg) | | - | 32 | 34 | 40 | 51.5 |
| DIMENSIONS (mm) | Width x Depth x Height | - | 800 x 285 x 550 | 800 x 285 x 550 | 800 x 285 x 714 | 840 x 330 x 880 |
| ELECTRICAL SUPPLY | | - | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz |
| PHASE | | - | Single | Single | Single | Single |
| SYSTEM POWER INPUT (kW) | Heating/Cooling (nominal) | - | 0.600 / 0.485 | 0.820 / 0.820 | 1.480 / 1.380 | 1.810 / 1.790 |
| | Heating/Cooling (UK) | - | 0.541 / 0.406 | 0.740 / 0.686 | 1.335 / 1.151 | 1.632 / 1.494 |
| STARTING CURRENT (A) | | - | 3.4 | 3.8 | 6.8 | 7.9 |
| SYSTEM RUNNING CURRENT (A) | Heating/Cooling [MAX] | - | 3.4 / 2.7 [7.1] | 3.8 / 3.8 [9.9] | 6.8 / 6.3 [12.6] | 7.9 / 7.9 [15.2] |
| FUSE RATING (BS88) – HRC (A) | | - | 10 | 10 | 16 | 16 |
| MAINS CABLE No. CORES | | - | 3 | 3 | 3 | 3 |
| MAX PIPE LENGTH (m) | | - | 20 | 20 | 30 | 30 |
| MAX HEIGHT DIFFERENCE (m) | | - | 12 | 12 | 12 | 15 |
| CHARGE REFRIGERANT (kg) / $CO_2$ EQUIVALENT (t) - R32 (GWP 675) | | - | 0.8 / 0.54 (10m) | 0.85 / 0.58 (10m) | 1.25 / 0.85 (15m) | 1.45 / 0.98 (7m) |
| MAX ADDITIONAL REFRIGERANT (kg) / $CO_2$ EQUIVALENT (t) - R32 (GWP 675) | | - | 0.20 / 0.14 | 0.20 / 0.14 | 0.30 / 0.21 | 0.46 / 0.32 |

* Derived from and subject to test results, for and on behalf of Mitsubishi Electric conducted at the Microbial Testing Laboratory, Textile Quality and Technology Center, Kobe, Japan.

## Accessories

### Indoor Units

**MAC-286RH-E**

Natural white remote controller holder

### Outdoor Units

**MAC-881SG**

Air outlet guide for MUZ-LN25/35VG3

**MAC-882SG**

Air outlet guide for MUZ-LN50VG3

**MAC-890SG-E**

Air outlet guide for MUZ-LN60VG3

### System Control Units

**PAR-CT01MAA-SB/PB**

Touch screen wired remote controller (PB = Premium Finish)

**PAR-42MAAB/MAAPB**

Standard wired remote controller (MAAPB = Black Finish)

**MAC-334IF-E**

Interface for M-NET, MA remote controller (PAR-42MAAB / PAR-CT01MAA), on/off input and run/fault output

**MAC-497IF-E**

Interface for MA remote controller (PAR-42MAAB / PAR-CT01MAA)

**MELCOBEMS MINI (A1M+)**

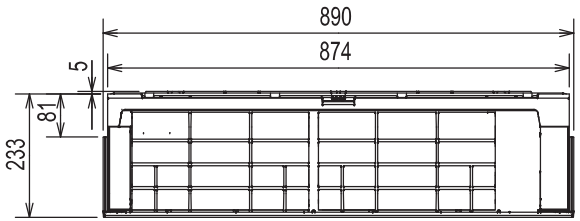
Modbus and BACnet MSTP CN105 adaptor

**MELCORETAIL MINI**

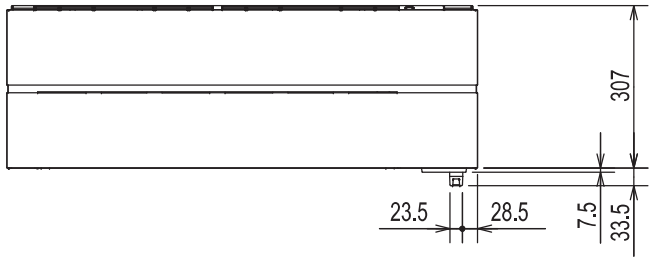
Retail control and input / output interface

## Product Dimensions MSZ-LN18/25/35/50/60VG3 R/B/V/W

Upper View




Front View




Side View

