

# Air Conditioning

## Product Information

**PLA-ZRP100BA** (Single Phase)  
**Power Inverter Heat Pump**  
4-Way Blow Ceiling Cassette System

Making a  
World of  
Difference

Mr.SLIM™



Our wide range of Power Inverters offer customers high seasonal efficiency, advanced control options and quiet operation, whilst providing greater flexibility and ease of installation.

### Key Features

- Airflow controllable for ceiling heights up to 3.5m, with automatic adjustment of fan speed
- Reduced draft air distribution, with independent vane control
- Filter lowering operation down to 4m (optional PLP-6BAJ grille required)
- Optional 'i-see sensor' for energy saving and smooth temperature control throughout the room



Air Conditioning | Heating  
Ventilation | Controls



# Air Conditioning

## Product Information

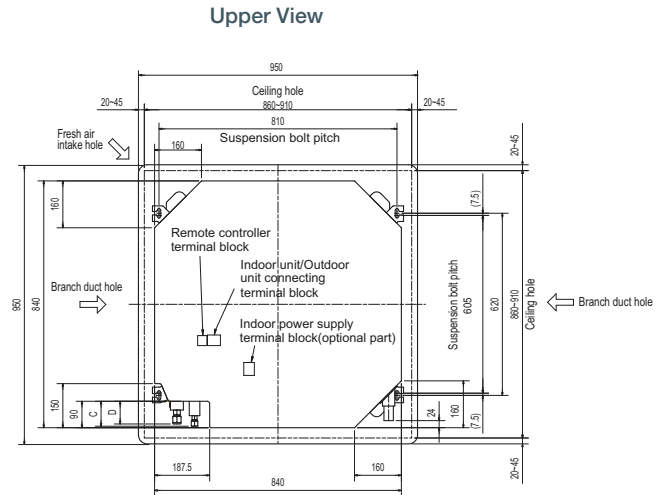
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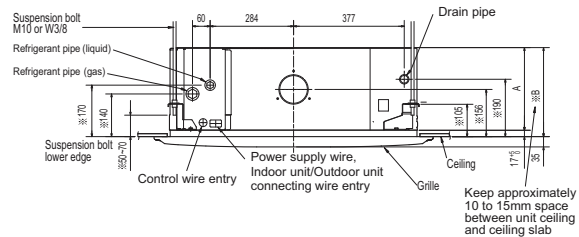
| PLA-ZRP - INDOOR UNITS            |                                 | PLA-ZRP100BA                     |
|-----------------------------------|---------------------------------|----------------------------------|
| CAPACITY (kW)                     | Heating (nominal)               | 11.2 (4.5-14.0)                  |
|                                   | Cooling (nominal)               | 9.5 (4.9-11.4)                   |
|                                   | Heating (UK)                    | 9.5 (3.85-11.9)                  |
|                                   | Cooling (UK)                    | 9.2 (4.5-10.5)                   |
| SHF (nominal & UK)                |                                 | 0.74                             |
| COP / EER (nominal)               |                                 | 4.31 / 4.40                      |
| SCOP / SEER (BS EN14825)          |                                 | 4.8 / 6.9                        |
| EP ENERGY EFFICIENCY CLASS        | Heating/Cooling                 | A++ / A++                        |
| AIRFLOW (l/s)                     | Lo-Mi-Mi2-Hi                    | 333-383-433-500                  |
| PIPE SIZE mm (in)                 | Gas/Liquid                      | 15.88 (5/8") / 9.52 (3/8")       |
| SOUND PRESSURE LEVEL (dBA)        | Lo-Mi-Mi2-Hi                    | 32-34-37-40                      |
| SOUND POWER LEVEL (dBA)           |                                 | 65                               |
| DIMENSIONS (mm)                   | Width x Depth x Height (Grille) | 840 (950) x 840 (950) x 298 (35) |
| WEIGHT (kg)                       | Unit / Panel                    | 26 / 6                           |
| ELECTRICAL SUPPLY                 |                                 | Fed by Outdoor Unit              |
| FUSE RATING (BS88) - HRC (A)      |                                 | 6                                |
| INTERCONNECTING CABLE No. Cores   |                                 | 4                                |
| GRILLE REFERENCE                  |                                 | PLP-6BA                          |
| WIRED REMOTE CONTROLLER REFERENCE |                                 | PAR-31MAA                        |

| PUHZ-ZRP - OUTDOOR UNITS     |                           | PUHZ-ZRP100VKA2        |
|------------------------------|---------------------------|------------------------|
| SOUND PRESSURE LEVEL (dBA)   | Heating/Cooling           | 51 / 49                |
| SOUND POWER LEVEL (dBA)      | Cooling                   | 69                     |
| WEIGHT (kg)                  |                           | 116                    |
| DIMENSIONS (mm)              | Width x Depth x Height    | 1050 x 330 + 40 x 1338 |
| ELECTRICAL SUPPLY            |                           | 220-240v, 50Hz         |
| PHASE                        |                           | Single                 |
| SYSTEM POWER                 | Heating/Cooling (nominal) | 2.60 / 2.61            |
| INPUT (kW)                   | Heating/Cooling (UK)      | 2.09 / 2.24            |
| STARTING CURRENT (A)         |                           | 12.0                   |
| SYSTEM RUNNING CURRENT (A)   | Heating/Cooling [MAX]     | 11.92 / 11.93 [27.2]   |
| FUSE RATING (BS88) - HRC (A) |                           | 32                     |
| MAINS CABLE No. Cores        |                           | 3                      |
| MAX PIPE LENGTH (m)          |                           | 75                     |
| MAX HEIGHT DIFFERENCE (m)    |                           | 30                     |
| CHARGE R410A (kg) - 30m      |                           | 5.0                    |

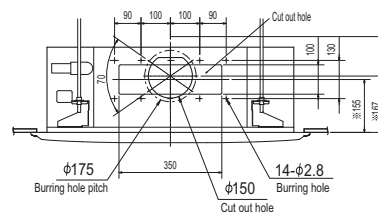
### DIMENSIONS



### Side View



### Front View



| Model        | A   | B   | C  | D  | E   |
|--------------|-----|-----|----|----|-----|
| PLA-ZRP100BA | 281 | 298 | 85 | 77 | 440 |



Telephone: 01707 282880

email: [air.conditioning@meuk.mee.com](mailto:air.conditioning@meuk.mee.com) web: [www.airconditioning.mitsubishielectric.co.uk](http://www.airconditioning.mitsubishielectric.co.uk)

UNITED KINGDOM Mitsubishi Electric Europe Living Environmental Systems Division  
 Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England General Enquiries Telephone: 01707 282880 Fax: 01707 278881

IRELAND Mitsubishi Electric Europe Westgate Business Park, Ballymount, Dublin 24, Ireland  
 Telephone: Dublin (01) 419 8800 Fax: Dublin (01) 419 8890 International code: (003531)

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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 and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.



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Effective as of April 2015