

PLA-M R32

4-Way Blow Ceiling Cassette System

Standard Inverter Heat Pump (Three Phase)

Mr. SLIM™

The cost-effective **PLA-M Standard Inverter range** is a ceiling cassette system that blends a host of outstanding features with a streamlined design. Offering advanced control options and quiet operation, this range provides extreme flexibility and ease of installation.

With a 14° set point option on 10~14kW models, this system is also suitable for applications where a specialist ambient condition is required.

R32

Key Features & Benefits:

- **Increased comfort levels** through advanced airflow and smart defrost features (size 100 -140)
- **14°C set point option;** ideal for applications where a specialist ambient condition is required (size 100 -140; requires PAR-41MAA or PAR-SL101A-E controller)
- **Energy usage display** available as standard with the PAR-41MAA controller
- **Optional 3D Total Airflow casement** to allow 360° directional delivery of air (size 100 -140; requires PAR-41MAA or PAR-SL101A-E controller)
- **Optional 3D i-see sensor grille** (PLP-6EAE) provides customised comfort by automatically monitoring room occupancy, position and body temperatures
- **Optional filter-lowering operation,** down to 4m (PLP-6EAJ), allowing for easier maintenance
- **Optional black satin grille** (PLP-6EA-B), ideal for applications with exposed ceilings or stylish aesthetics
- **Optional V Blocking filter** (PAC-SK53KF-E) provides in-room air purification, neutralises viruses, bacteria, allergens, dust and mould
- **Compatible with Plasma Quad Connect** - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust (PAC-SK51FT-E)





PLP-6EA



PLP-6EA-B

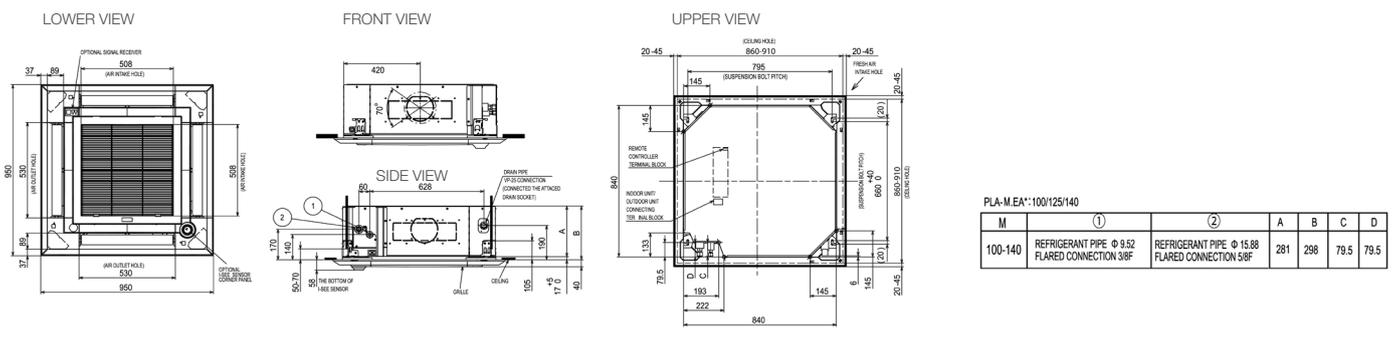


| PLA-M INDOOR UNITS | | PLA-M100EA2 | PLA-M125EA2 | PLA-M140EA2 |
|---|-------------------|---------------------------------|----------------------------------|----------------------------------|
| CAPACITY (kW) | Heating (nominal) | 11.2 (2.8-12.5) | 13.5 (4.1-15.0) | 15.0 (4.2-15.8) |
| | Cooling (nominal) | 9.5 (4.0-10.6) | 12.1 (5.8-13.0) | 13.4 (5.8-14.1) |
| | Heating (UK) | 9.63 (2.41-10.75) | 11.49 (3.49-12.77) | 12.77 (3.57-13.45) |
| | Cooling (UK) | 8.65 (3.64-9.65) | 11.01 (5.28-11.83) | 12.19 (5.28-12.83) |
| | SHF (nominal) | 0.77 | 0.72 | 0.70 |
| COP / EER (nominal) | | 3.71 / 3.50 | 3.71 / 3.01 | 3.41 / 2.70 |
| SCOP (ηsh) / SEER (ηsc) (BS EN14825) | | 4.60 / 7.00 | 4.1 (162%) / 5.6 (231.9%) | 4.1 (161.3%) / 5.7 (232.7%) |
| ERP ENERGY EFFICIENCY CLASS Heating/Cooling | | A++ / A++ | A+ / A+ | A+ / A+ |
| AIRFLOW (l/s) | | 317-383-433-483 | 350-417-467-517 | 400-433-483-533 |
| PIPE SIZE mm (in) | | 15.88 (5/8") / 9.52 (3/8") | 15.88 (5/8") / 9.52 (3/8") | 15.88 (5/8") / 9.52 (3/8") |
| SOUND PRESSURE LEVEL (dBA) | | 31-34-37-40 | 33-37-41-44 | 36-39-42-44 |
| SOUND POWER LEVEL (dBA) | | 61 | 65 | 65 |
| DIMENSIONS (mm) | | Width x Depth x Height (Grille) | 840 (950) x 840 (950) x 298 (40) | 840 (950) x 840 (950) x 298 (40) |
| WEIGHT (kg) | | Unit / Grille | 24 / 5 | 26 / 5 |
| 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 |
| 3D TOTAL AIRFLOW CASEMENT | | PLP-U160ELR-E | PLP-U160ELR-E | PLP-U160ELR-E |
| 3D I-SEE SENSOR | | PLP-6EAE | PLP-6EAE | PLP-6EAE |
| SELF-ELEVATING GRILLE | | PLP-6EAJ | PLP-6EAJ | PLP-6EAJ |
| GRILLE REFERENCE | | PLP-6EA | PLP-6EA | PLP-6EA |
| | | White | PLP-6EA-B | PLP-6EA-B |
| | | Black Satin | PLP-6EA-B | PLP-6EA-B |
| V BLOCKING FILTER | | PAC-SK53KF-E | PAC-SK53KF-E | PAC-SK53KF-E |
| WIRED REMOTE CONTROLLER REFERENCE | | PAR-41MAA | PAR-41MAA | PAR-41MAA |
| WIRELESS REMOTE CONTROLLER REFERENCE | | PAR-SL101A-E | PAR-SL101A-E | PAR-SL101A-E |

| PUZ-M OUTDOOR UNITS | | PUZ-M100YKA2 ^③ | PUZ-M125YKA2 ^③ | PUZ-M140YKA2 ^③ |
|--|--|---------------------------|---------------------------|---------------------------|
| SOUND PRESSURE LEVEL (dBA) | | Heating/Cooling | 51 / 54 | 54 / 56 |
| SOUND POWER LEVEL (dBA) | | Cooling | 70 | 72 |
| WEIGHT (kg) | | | 78 | 85 |
| DIMENSIONS (mm) | | Width x Depth x Height | 1050 x 330 x 981 | 1050 x 330 x 981 |
| ELECTRICAL SUPPLY | | | 380-415v, 50Hz | 380-415v, 50Hz |
| PHASE | | | Three | Three |
| SYSTEM POWER INPUT (kW) | | Heating/Cooling (nominal) | 3.01 / 2.71 | 3.63 / 4.01 |
| | | Heating/Cooling (UK) | 2.71 / 2.50 | 3.27 / 3.33 |
| STARTING CURRENT (A) | | | 3.5 | 4.9 |
| SYSTEM RUNNING CURRENT (A) | | Heating/Cooling [MAX] | 4.7 / 4.2 [11.5] | 5.6 / 6.3 [11.5] |
| FUSE RATING (BS88) - HRC (A) | | | 16 | 16 |
| MAINS CABLE No. CORES | | | 5 | 5 |
| MAX PIPE LENGTH (m) | | | 55 | 65 |
| MAX HEIGHT DIFFERENCE (m) | | | 30 | 30 |
| CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) | | | 3.10 / 2.09 | 3.60 / 2.43 |
| MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) | | | 4.10 / 2.77 | 5.00 / 3.38 |

^③ Three Phase

PLA-M100/125/140EA2 DIMENSIONS



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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. The fuse rating is for guidance only and 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 equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of March 2023

