



PKA-RP Power Inverter Heat Pump Wall Mounted System

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

- Swing Vane Mode with Auto Vane Shutter
- Infra-red remote controller
- Auto-Restart
- Quiet operation
- Auto-Changeover
- Hot Start - draught prevention
- Factory charged refrigerant up to 30m
- Standard filter
- Quick clean design
- Replace Technology available
- Refrigerant volume check function
- Duty Standby Operation
- Demand Control
- Noise Reduction
- Optional Heating Only



Air Conditioning

Product Information

PKA-RP Power Inverter Heat Pump Wall Mounted System

Making a World of Difference



| PKA-RP - INDOOR UNITS | | PKA-RP35HAL | PKA-RP50HAL | PKA-RP60KAL | PKA-RP71KAL | PKA-RP100KAL | PKA-RP100KAL |
|---------------------------------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| CAPACITY (kW) | Heating (nominal) | 4.1 (1.6-5.2) | 5.0 (2.5-7.3) | 7.0 (2.8-8.2) | 8.0 (3.5-10.2) | 11.2 (4.5-14.0) | 11.2 (4.5-14.0) |
| | Cooling (nominal) | 3.6 (1.6-4.5) | 4.6 (2.3-5.6) | 6.1 (2.7-6.7) | 7.1 (3.3-8.1) | 10.0 (4.9-11.4) | 10.0 (4.9-11.4) |
| | Heating (UK) | 3.5 (1.35-4.4) | 4.25 (2.15-6.2) | 5.95 (2.4-6.95) | 6.8 (3.0-8.65) | 9.5 (3.85-11.9) | 9.5 (3.85-11.9) |
| | Cooling (UK) | 3.3 (1.45-4.15) | 4.23 (2.1-5.15) | 5.5 (2.5-6.15) | 6.55 (3.05-7.45) | 9.2 (4.5-10.5) | 9.2 (4.5-10.5) |
| SHF (nominal & UK) | | 0.81 | 0.72 | 0.86 | 0.78 | 0.73 | 0.73 |
| COP / EER (nominal) | | 3.83 / 3.83 | 3.33 / 3.26 | 3.57 / 3.81 | 3.65 / 3.94 | 3.68 / 3.77 | 3.68 / 3.77 |
| SCOP / SEER (BS EN14825) | | 3.9 / 5.7 | 4.0 / 5.3 | 4.2 / 6.3 | 4.3 / 6.5 | 4.0 / 6.1 | 4.0 / 6.0 |
| ErP ENERGY EFFICIENCY CLASS | Heating/Cooling | A / A+ | A+ / A | A+ / A++ | A+ / A++ | A+ / A++ | A+ / A+ |
| AIRFLOW (m³/min) | Lo-Mi-Hi | 9-10.5-12 | 9-10.5-12 | 18-20-22 | 18-20-22 | 20-23-26 | 20-23-26 |
| PIPE SIZE mm (in) | Gas | 12.7 (1/2") | 12.7 (1/2") | 15.88 (5/8") | 15.88 (5/8") | 15.88 (5/8") | 15.88 (5/8") |
| | Liquid | 6.35 (1/4") | 6.35 (1/4") | 9.52 (3/8") | 9.52 (3/8") | 9.52 (3/8") | 9.52 (3/8") |
| SOUND PRESSURE LEVEL (dBA) | | 36-40-43 | 36-40-43 | 39-42-45 | 39-42-45 | 41-45-49 | 41-45-49 |
| SOUND POWER LEVEL (dBA) | | 60 | 60 | 64 | 64 | 65 | 65 |
| DIMENSIONS (mm) | Width x Depth x Height | 898 x 249 x 295 | 898 x 249 x 295 | 1170 x 295 x 365 | 1170 x 295 x 365 | 1170 x 295 x 365 | 1170 x 295 x 365 |
| WEIGHT (kg) | | 13 | 13 | 21 | 21 | 21 | 21 |
| ELECTRICAL SUPPLY | | Fed by Outdoor Unit | 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 | 6 |
| INTERCONNECTING CABLE No. Cores | | 4 | 4 | 4 | 4 | 4 | 4 |

| PUHZ-ZRP - OUTDOOR UNITS | | PUHZ-ZRP35VKA | PUHZ-ZRP50VKA | PUHZ-ZRP60VHA | PUHZ-ZRP71VHA | PUHZ-ZRP100VKA | PUHZ-ZRP100YKA ³ Three Phase |
|------------------------------|---------------------------|--------------------|--------------------|----------------------|----------------------|------------------------|--|
| SOUND PRESSURE LEVEL (dBA) | Heating/Cooling | 46 / 44 | 46 / 44 | 48 / 47 | 48 / 47 | 51 / 49 | 51 / 49 |
| SOUND POWER LEVEL (dBA) | Cooling | 65 | 65 | 67 | 67 | 69 | 69 |
| WEIGHT (kg) | | 43 | 46 | 67 | 67 | 116 | 124 |
| DIMENSIONS (mm) | Width x Depth x Height | 809 x 300 x 630 | 809 x 300 x 630 | 950 x 330 + 30 x 943 | 950 x 330 + 30 x 943 | 1050 x 330 + 30 x 1338 | 1050 x 330 + 30 x 1338 |
| ELECTRICAL SUPPLY | | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz | 380-415v, 50Hz |
| PHASE | | Single | Single | Single | Single | Single | Three |
| SYSTEM POWER | Heating/Cooling (nominal) | 1.07 / 0.94 | 1.50 / 1.41 | 1.96 / 1.60 | 2.19 / 1.80 | 3.04 / 2.65 | 3.04 / 2.65 |
| | INPUT (kW) | 0.84 / 0.91 | 1.25 / 1.28 | 1.42 / 1.67 | 1.60 / 1.86 | 2.36 / 2.58 | 2.36 / 2.58 |
| STARTING CURRENT (A) | | 4.0 | 5.0 | 5.0 | 6.0 | 12.0 | 4.0 |
| SYSTEM RUNNING CURRENT (A) | Heating/Cooling [MAX] | 4.22 / 3.94 [13.4] | 7.16 / 6.59 [13.4] | 9.23 / 8.11 [19.4] | 8.75 / 7.79 [19.4] | 11.46 / 11.44 [27.1] | 4.82 / 4.41 [8.6] |
| FUSE RATING (BS88) - HRC (A) | | 16 | 16 | 25 | 25 | 32 | 16 |
| MAINS CABLE No. Cores | | 3 | 3 | 3 | 3 | 3 | 5 |
| MAX PIPE LENGTH (m) | | 50 | 50 | 50 | 50 | 75 | 75 |
| MAX HEIGHT DIFFERENCE (m) | | 30 | 30 | 30 | 30 | 30 | 30 |
| CHARGE R410A (kg) - 30m | | 2.2 | 2.4 | 3.5 | 3.5 | 5.0 | 5.0 |

³ Three Phase



Telephone: 01707 282880

email: air.conditioning@meuk.mee.com web: 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)

Country of origin: United Kingdom - Japan - Thailand - Malaysia. ©Mitsubishi Electric Europe 2014. Mitsubishi and Mitsubishi Electric are trademarks of Mitsubishi Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. Mitsubishi Electric is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods are supplied subject to the Company's General Conditions of Sale, a copy of which is available on request. Third-party product and brand names may be trademarks or registered trademarks of their respective owners.



Effective as of May 2014



www.greengateway.mitsubishielectric.co.uk

Mitsubishi Electric UK's commitment to the environment

Follow us @meuk_ies
Follow us @green_gateway

Connect with Green Gateway

mitsubishielectric2