

PCA-RP Cooling Only

R407c Ceiling Suspended System

New Models

- > Split system comprising of ceiling suspended indoor unit, outdoor unit and wall mounted control panel
- > Indoor unit designed for direct ceiling suspension
- > Flush to wall installation for concealment of service connections
- > Electronic control includes learning defrost, fault finding diagnostics, low ambient fan speed control and anti-phase/single phase protection



Technical Information >>

PCA-RP - INDOOR UNITS

| MODEL REFERENCE | | PCA-RP2GA | PCA-RP2.5GA | PCA-RP3GA | PCA-RP4GA | PCA-RP5GA | PCA-RP6GA |
|---------------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| CAPACITY (kW) | Cooling (nominal) | 5.35 | 6.6 | 7.45 | 9.6 | 12.3 | 14.2 |
| | Cooling (UK) | 4.8 | 5.95 | 6.7 | 8.65 | 11.05 | 12.8 |
| SHF (nominal) | | 0.72 | 0.75 | 0.73 | 0.76 | 0.77 | 0.74 |
| AIRFLOW (m3/min) | Lo-MiI-Mi2-Hi | 10-11-12-13 | 14-15-16-18 | 14-15-16-18 | 20-21-23-25 | 27-30-32-34 | 27-30-32-34 |
| PIPE SIZE mm(in) | Gas | 15.88 (5/8") | 15.88 (5/8") | 15.88 (5/8") | 19.05 (3/4") | 19.05 (3/4") | 19.05 (3/4") |
| | Liquid | 9.52 (3/8") | 9.52 (3/8") | 9.52 (3/8") | 9.52 (3/8") | 9.52 (3/8") | 9.52 (3/8") |
| NOISE (dBA) | Lo-MiI-Mi2-Hi | 37-38-40-42 | 37-39-41-43 | 37-39-41-43 | 40-41-43-45 | 41-43-45-46 | 42-44-46-48 |
| DIMENSIONS (mm) | Width | 1000 | 1310 | 1310 | 1310 | 1620 | 1620 |
| | Depth | 680 | 680 | 680 | 680 | 680 | 680 |
| | Height | 210 | 210 | 210 | 270 | 270 | 270 |
| WEIGHT (kg) | | 27 | 34 | 34 | 37 | 43 | 45 |
| 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 |
| PHASE | | Single | Single | Single | Single | Single | Single |
| FUSE RATING (BS88) – HRC (A) | | 6 | 6 | 6 | 6 | 6 | 6 |
| INTERCONNECTING CABLE No. CORES | | 4 | 4 | 4 | 4 | 4 | 4 |

PU-P - OUTDOOR UNITS

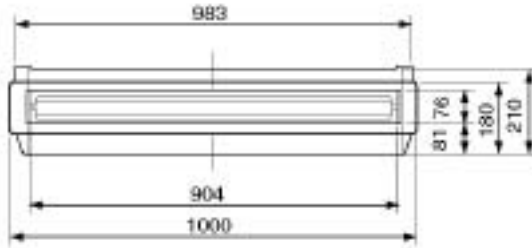
| MODEL REFERENCE | | PU-P2YGAA | PU-P2.5YGAA | PU-P3YGAA/YGAA | PU-P4YGAA | PU-P5YGAA | PU-P6YGAA |
|------------------------------|-----------|----------------|----------------|---------------------------------|----------------|----------------|----------------|
| NOISE (dBA) | | 48 | 48 | 49 | 51 | 55 | 57 |
| WEIGHT (kg) | | 71 | 82 | 82 | 96 | 122 | 122 |
| DIMENSIONS (mm) | Width | 900 | 900 | 900 | 900 | 1050 | 1050 |
| | Depth | 330 + 20 | 330 + 20 | 330 + 20 | 330 + 20 | 330 + 20 | 330 + 20 |
| | Height | 855 | 855 | 855 | 1260 | 1260 | 1260 |
| ELECTRICAL SUPPLY | | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz / 380-415v, 50Hz | 380-415v, 50Hz | 380-415v, 50Hz | 380-415v, 50Hz |
| PHASE | | Single | Single | Single / 3 | 3 | 3 | 3 |
| SYSTEM POWER INPUT (kW) | (nominal) | 2.35 | 2.62 | 3.37 | 3.62 | 4.91 | 5.89 |
| | (UK) | 2.00 | 2.23 | 2.86 | 3.08 | 4.17 | 5.01 |
| STARTING CURRENT (A) | | 62 | 77 | 93 / 47 | 49 | 65.5 | 74 |
| SYSTEM RUNNING CURRENT (A) | | 10.67 | 12.43 | 15.34 / 5.82 | 6.24 | 8.61 | 10.04 |
| FUSE RATING (BS88) – HRC (A) | | 16 | 25 | 32 / 16 | 20 | 20 | 25 |
| MAINS CABLE No. Cores | | 3 | 3 | 3 / 5 | 5 | 5 | 5 |
| MAX PIPE LENGTH (m) | | 40 | 50 | 50 | 50 | 50 | 50 |
| MAX HEIGHT DIFFERENCE (m) | | 40 | 50 | 50 | 50 | 50 | 50 |
| CHARGE R407c (kg) | | 2.6 | 3.1 | 3.3 | 4.0 | 4.6 | 4.9 |

Notes: All units are charged to 20m (2-2.5) and 30m (3-6) pipe length.

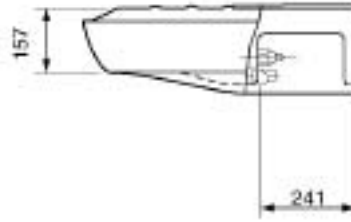
INDOOR UNIT PCA-RP2GA

For PCA-RP4-6GA schematics please see page 47

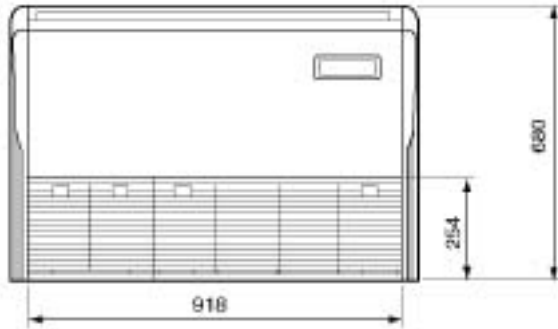
Front View >



Side View >

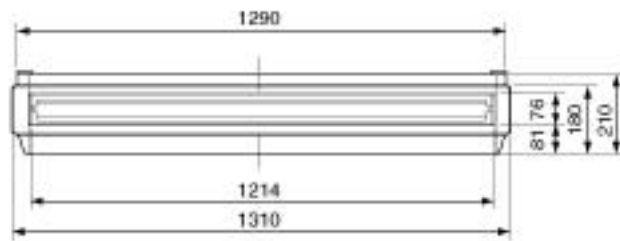


Lower View >



INDOOR UNIT PCA-RP2.5-3GA

Front View >



Side View >



Lower View >

