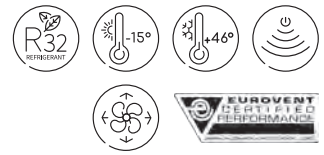# Light commerical wall mount

## Multiple features to fit any setup



## 4-Way Swing

Because the blades move both vertically and horizontally, the air is distributed more uniformly, improving the level of comfort in the room. (Fig. 1)

## Motion sensor

Technology that saves you money – with a motion sensor to continuously analyze the presence of people in the room.
If there is no detection after 20 min, the setpoint is shifted by one degree; after 40 min it shifts one degree again. (Fig. 2)

## Improved comfort

With the SPX-WKT4 remote control, you can choose where to measure the setting temperature (at the remote control or the return or using the average of both readings). This feature improves the level of comfort in the room.

## Flexible installation

With a 30 m long pipe run between the indoor unit and the outdoor unit, this indoor unit can be installed in any part of the building. What's more, the level difference between the two can be up to 20 m.

## Compatible with the airCloud remote controller

In the app, you can turn the system on and off, turn the temperature up or down and program the system from anywhere in the world. All you need is a mobile phone, an Internet connection and Wi-Fi equipment (optional) to connect to the equipment.

## A compact indoor unit

This indoor unit measures only 900 mm wide, so it can be installed anywhere without interfering with other elements in the room.
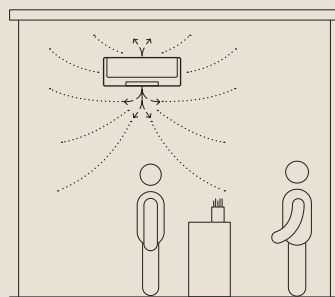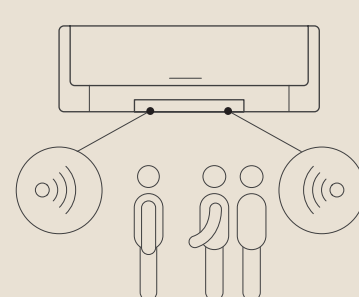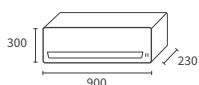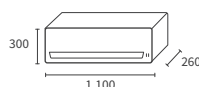
Fig. 1



Fig. 2



**Indoor units**



300 — 900 — 230

RAK-50RPE1
RAK-60RPE



300 — 1.100 — 260

RAK-70PPD

**Outdoor units**





750 — 850 — 298

RAC-50NPE
RAC-60NPE



800 — 850 — 298

RAC-70NPD

# Light commercial Wall units
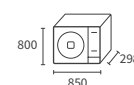
| Performance, cooling | Unit | 5.0 kW | 6.0 kW | 7.0 kW |
|---|---|---|---|---|
| Nominal cooling capacity (min-max) | kW | 5.00 (1.20 - 5.80) | 6.00 (1.20 - 6.50) | 7.00 (1.50 - 8.00) |
| UK cooling capacity (UK sensible) | kW | 4.71 (3.30) | 5.30 (3.67) | 5.54 (4.49) |
| Rated power input Cooling (min-max) | kW | 1.42 (0.30 - 2.500) | 1.71 (0.30 - 2.65) | 2.00 (0.50 - 2.70 |
| EER | - | 3.52 | 3.51 | 3.50 |
| Energy class Cooling | - | | A++ | |
| SEER (average climate) | - | 7.30 | 6.50 | 7.00 |
| Working range in Cooling | °C | | -15°C /+ 46°C | |
| **Performance, heating** | | | | |
| Nominal heating capacity (min-max) | kW | 6.00 (1.20 - 6.80) | 7.00 (1.20 - 8.00) | 8.00 (1.50 - 8.50) |
| Heating capacity at -7°C[1] | kW | 4.20 | 4.80 | 5.80 |
| Rated power input Heating (min-max) | kW | 1.50 (0.30 - 2.650) | 1.84 (0.30 - 2.65) | 2.10 (0.50 - 2.80) |
| COP | - | 4.00 | 3.80 | 3.81 |
| Energy class Heating | - | A++ | A+ | A++ |
| SCOP (average climate) | - | 4.60 | 4.20 | 4.60 |
| Working range in Heating | °C | | -15°C /+ 24°C | |
| **Indoor units** | **Unit** | **RAK-50RPE1** | **RAK-60RPE** | **RAK-70PPD** |
| Sound pressure in Cooling mode (EL / L / M / H) [2] | dB(A) | 26 / 33 / 39 / 47 | 30 / 33 / 42 / 48 | 30 / 35 / 42 / 47 |
| Sound pressure in Heating mode (EL / L / M / H) [2] | dB(A) | 26 / 33 / 39 / 47 | 33 / 34 / 42 / 49 | 30 / 36 / 42 / 47 |
| Sound power in Cooling mode | dB(A) | | 60 | |
| Airflow in Cooling mode (EL / L / M / H) | m³/h | 310 / 410 / 570 / 720 | 480 / 540 / 690 / 930 | 510 / 630 / 870 / 1020 |
| Dehumidification | l/h | | 2.8 | 4.8 |
| Dimensions (H x L x D) | mm | | 300 x 900 x 230 | 300 x 1100 x 260 |
| Net weight | kg | | 12.0 | 15.0 |
| Remote control | - | | Not included | |
| **Outdoor units** | **Unit** | **RAC-50NPE** | **RAC-60NPE** | **RAC-70NPD** |
| Sound pressure in Cooling mode [2] | dB(A) | | 50 | 52 |
| Sound power in Cooling mode | dB(A) | | 65 | 67 |
| Airflow (Cooling / Heating) | m³/h | | 2160 / 2160 | 2700 / 2700 |
| Dimensions (H x L x D) | mm | | 750 x 850 x 298 | 800 x 850 x 298 |
| Net weight | kg | | 50 | 52 |
| Compressor | - | | Rotary | |
| **Refrigeration characteristics** | | | | |
| Diameter of pipes (Liq / Gas) | inches | | 1/4" / 1/2" | 1/4" / 5/8" |
| Initial refrigerant charge | kg | | 1.5 | 1.6 |
| Pre-charged for | m | | 30 | |
| Min. length | m | | 3 | |
| Max. length / Additional charge | m/g/m | | 30 / - | |
| Max. level difference (outdoor unit above / outdoor unit below) | m | | 20 / 20 | |
| Refrigerant | - | | R32 | |
| **Electrical features** | | | | |
| Power supply | V/Ph/Hz | | 230V / 1Ph / 50Hz | |
| Operating current (Cooling / Heating) | A | 5.98-6.52 / 6.31-6.89 | 7.20-7.85 / 7.74-8.45 | 8.42-9.18 / 8.84-9.64 |
| Recommended fuse size | A | 20 | 20 | 20 |
| Cable width (EN 60 335-1) [3] | mm² | | 2.50 x 2 + E | |
| Indoor/outdoor connection (shielded) | mm² | | 1.50 x 3 + E | |

[1] Data includes defrosting. To find out the data for your project, refer to our technical catalogues.
[2] Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalogue).
[3] Data shown is for indication purpose only. It is the installer's responsibility to ensure that these cable widths meet the needs of the facility and current standards.

## Controls and compatible accessories (see page 161)
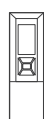
**Infrared remote control**
SPX-RCKA2

**Wired standard remote control**
SPX-RCDB1

**Other (price excluding taxes):**

- Control box for multi-indoor units
  SPX-DST1 + SPX-WDST8M

- airCloud Home SPX-WFG02 interface

- Hi-Box AHP-SMB-01

- Hi Kumo gateway for Hi-Box SPX-TAG01

- Single dry contact kit SPX-WDC3

**Wired programmable remote control**
SPX-WKT4

**H-Link box**
PSC-6RAD