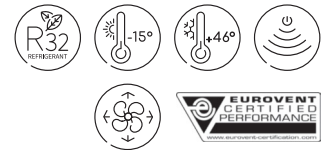


Wall unit for small public buildings

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 cooling pipe 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 Hi Kumo 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

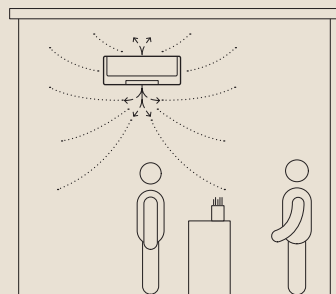
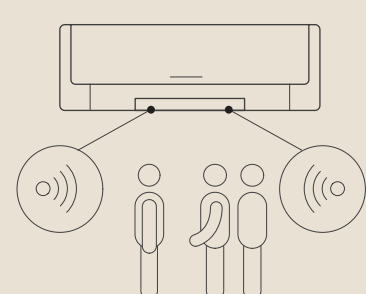
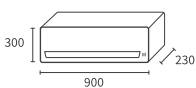


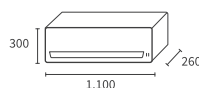
Fig. 2



Indoor units

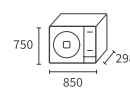


RAK-50RPE1
RAK-60RPE

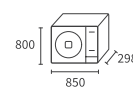


RAK-70PPD

Outdoor units



RAC-50NPE
RAC-60NPE



RAC-70NPD

Wall units for small public buildings

Performance, cooling	Unit	5.0 kW	6.0 kW	7.0 kW
Rated power, cooling (min-max)	kW	5.00 (1.20 - 5.80)	6.00 (1.20 - 6.50)	7.00 (1.50 - 8.00)
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
Guaranteed performance Cooling for outside Temp*	°C	-	-15°C / +46°C	-
Performance, heating				
Rated power, heating (min-max)	kW	6.00 (1.20 - 6.80)	7.00 (1.20 - 8.00)	8.00 (1.50 - 8.50)
Power at full charge 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
Guaranteed performance heating for outside Temp*	°C	-	-15°C / +24°C	-
Indoor units	Unit	RAK-50RPE1	RAK-60RPE	RAK-70PPD
Sound pressure in Cooling mode (spv / pv / mv / gv) ⁽²⁾	dB(A)	26 / 33 / 39 / 47	30 / 33 / 42 / 48	30 / 35 / 42 / 47
Sound pressure in Heating mode (spv / pv / mv / gv) ⁽²⁾	dB(A)	26 / 33 / 39 / 47	33 / 34 / 42 / 49	30 / 36 / 42 / 47
Sound pressure in Cooling mode	dB(A)	-	60	-
Airflow in Cooling mode (spv / pv / mv / gv)	m ³ /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 pressure in Heating mode	dB(A)	-	65	67
Airflow (Cooling / Heating)	m ³ /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	-
Cooling properties				
Diameter of pipes (Liq / Gas)	inches	-	1/4" / 1/2"	1/4" / 5/8"
Initial coolant fill	kg	-	1.5	1.6
Prefilled for	m	-	30	-
Min. length	m	-	3	-
Max. length / Coolant refill	m/g/m	-	30 / -	-
Max. level difference (outdoor unit above / outdoor unit below)	m	-	20 / 20	-
Coolant	-	-	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
Cable width (EN 60 335-1)	mm ²	-	2.50 x 2 + T	-
Indoor/outdoor connection (protected)	mm ²	-	1.50 x 3 + T	-

⁽¹⁾ Data includes defrosting. To find out the data for your project, refer to our technical catalogs.

⁽²⁾ Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalog).

Retail price per unit excluding taxes

(+eco part.)

Indoor unit (Remote control NOT included)	€+1.67	RAK-50RPE1 €1,000	RAK-60RPE €1,100	RAK-70PPD €1,790
External unit	€+6.67	RAC-50NPE €1,700	RAC-60NPE €1,970	RAC-70NPD €2,440
Infrared remote control SPX-RCKA2	€+0.12		€155	
Price for whole set Indoor unit + outdoor unit + infrared remote control SPX-RCKA2	€+8.46	€2,855	€3,225	€4,385

Eco-participation is a net unit amount excluding taxes and is not discountable. It is added to the net price.

Controls and compatible accessories (see page 197)



Infrared remote control

SPX-RCKA2

Price plus taxes: €155



Wired standard remote control

SPX-RCDB1

Price plus taxes: €150



Wired programmable remote control

SPX-WKT4

Price plus taxes: €195



H-Link box

PSC-6RAD

Price plus taxes: €199

Other (price excluding taxes):

- Control box for multi-indoor units
SPX-DST1 (€63) + SPX-WDST8M (€70)
- airCloud Home SPX-WFG02 interface: €143
- Hi-Box AHP-SMB-01: €215
- Hi Kumo gateway for Hi-Box SPX-TAG01: €150
- Single dry contact kit SPX-WDC3: €26