



WALL

MAIN FEATURES

- **Wide range** -> 5.0, 6.0 and 7.0kW
- **High seasonal efficiency**
 - SEER: A++
 - SCOP: A++
- **High heating capacity at low temperature**
- **Human sensor** (standard)
- **Compact dimensions** (width 900 mm)
- **4 WAY SWING:** Horizontal and vertical auto-swing
- **Long piping length** = up to **30m**
- **Wide working range**
 - Cooling: -15°C / +46°C
 - Heating: -15°C / +24°C

ZOOM ON THE HUMAN SENSOR

- **Eco sensor** (standard): the unit adapts its temperature settings depending on whether people are detected in the room -> Energy savings.
- When people are not detected for 20 minutes, the set temperature is automatically shifted for energy saving. If no-one is in the room for 60 minutes, the set temperature is shifted further.

CONTROLS

WIRELESS REMOTE CONTROL



- Ref: SPX-RCKA2
- Weekly timer
- Info display: room temperature, power consumption, alarm code

WIRED REMOTE CONTROL



- Ref: SPX-WKT3
- Weekly Timer
- Info display: room temperature, power consumption, alarm code
- Temperature sensor embedded

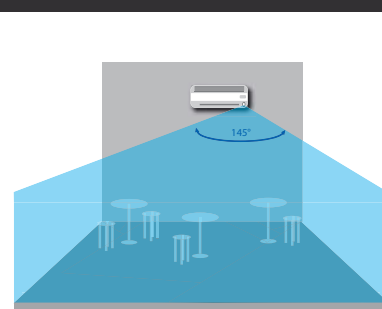
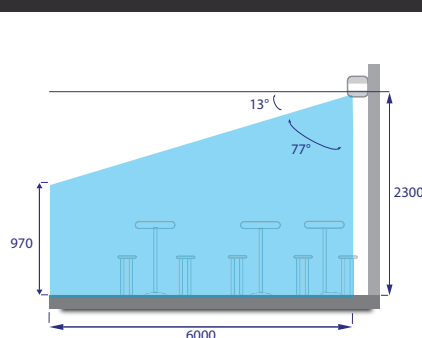


- Ref: SPX-RCDB
- Simple Timer

WIFI SOLUTION



- Ref: SPX-WFG01 (Wifi gateway)
- Weekly Timer
- Info display: room temperature, alarm code
- Out of home control





Aesthetic and efficient solution for public spaces such as bars and shops.



Ideal solution for server rooms
-> cooling up to -15°C.

R32 LIGHT COMMERCIAL WALL MOUNTED

INDOOR UNIT	UNIT	RAK-50PPD	RAK-60PPD	RAK-70PPD
Nominal Cooling capacity (min - max)	kW	5.00 (1.20 - 5.80)	6.00 (1.20 - 6.50)	7.00 (1.50 - 8.00)
Sensible Cooling	kW	3.62	4.28	5.85
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	kW	4.20	4.80	5.80
Noise level cooling (sound pressure) (SL / L / M / H)	dB(A)	26 / 33 / 39 / 47	30 / 33 / 42 / 48	30 / 35 / 42 / 47
Noise level (sound power)	dB(A)	60		
Air flow cooling mode (SL / L / M / H)	m³/h	310 / 410 / 570 / 720		510 / 630 / 870 / 1020
Dehumidification	l/h	2.8		4.8
Dimensions (H x W x D)	mm	300 x 900 x 230		300 x 1100 x 260
Weight	kg	11.5		15
Condensate drain	mm	φ16mm		
Power supply	V	220 - 240V / 1Ph / 50/60Hz		
Cable section	mm²	1.50x 3+EARTH		
Piping diameter (Liq / Gas)	Inch	1/4" / 1/2"		1/4" / 5/8"
Remote control (options)		SPX-RCKA2 / SPX-RCDB / SPX-WKT3		

OUTDOOR UNIT	UNIT	RAC-50NPD	RAC-60NPD	RAC-70NPD
Nominal cooling power input (min - max)	kW	1.420 (0.300 - 2.500)	1.710 (0.300 - 2.650)	2.000 (0.500 - 2.700)
Nominal heating power input (min - max)	kW	1.500 (0.300 - 2.650)	1.840 (0.300 - 2.650)	2.100 (0.500 - 2.800)
EER / COP		3.52 / 4.00	3.51 / 3.80	3.50 / 3.81
SEER / SCOP		7.30 / 4.60	6.50 / 4.20	7.00 / 4.60
Energy class (SEER/SCOP)		A++ / A++	A++ / A+	A++ / A++
Noise level cooling (sound pressure)	dB(A)	50		52
Noise level (sound power)	dB(A)	65		67
Air flow (Cooling / Heating)	m³/h	2160 / 2160		2700 / 2700
Dimensions (H x W x D)	mm	750 x 850 x 298		800 x 850 x 298
Weight	kg	50		52
Power supply	V/Ph/Hz	220 - 240V / 1Ph / 50/60Hz		
Recommended fuse size	A	20		
Starting current	A	10		
Cable section (power)	mm²	2.50x 2+EARTH		
Interconnection between indoor unit and outdoor unit	mm²	1.50x 3+EARTH		
Piping diameter (Liq / Gas)	Inch	1/4" / 1/2"		1/4" / 5/8"
Minimum piping length	m	3		
Maximum piping length / height difference	m	30 / 20		
Current quantity of refrigerant	kg / TeqCO²	1.50 / 1.01		1.60 / 1.08
Chargeless length / Additional refrigerant charge	m / g/m	30 / -		
Working range (cooling / heating)	°C	-15°C - 46°C // -15°C - 24°C		
Refrigerant / GWP		R32 / 675		
Compressor		ROTARY		
System Price	(€)	1,202	1,449	1,962

Price includes infra-red controller