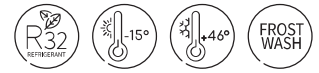


Summit

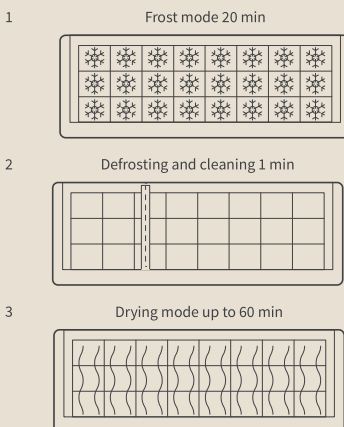
Simple yet effective



Exclusive and innovative solution, FrostWash*

to distribute clean air.

*FrostWash stages



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.

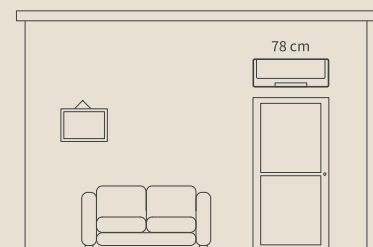
Maximum use of space

Thanks to its small size, you can install it discreetly. With a width of 780 mm, it will fit anywhere, including above a doorway. (Fig. 1)

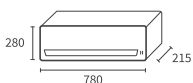
Silent operation

With a low noise level of just 19dB*, you can enjoy a comfortable environment without noticing that the indoor unit is even running.

Fig. 1



Indoor units

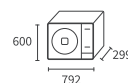


RAK-18REF
RAK-25REF
RAK-35REF
RAK-50REF

Outdoor units



RAC-18WEF
RAC-25WEF
RAC-35WEF



RAC-50WEF

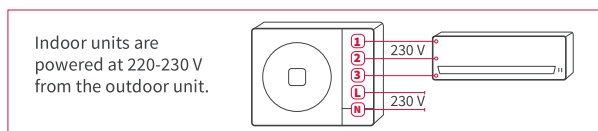
* Refer to your model.

Performance, cooling	Unit	1.8 kW	2.5 kW	3.5 kW	5.0 kW	
Nominal cooling capacity (min-max)	kW	2.00 (0.90 - 2.50)	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	5.00 (1.90 - 5.20)	
UK cooling capacity (UK sensible)	kW	2.00 (1.93)	2.50 (2.21)	2.84 (2.26)	3.83 (2.58)	
Rated power input Cooling (min-max)	kW	0.58 (0.25 - 1.01)	0.70 (0.25 - 1.29)	1.09 (0.25 - 1.46)	1.56 (0.50 - 2.10)	
EER	-	3.45	3.57	3.21		
Energy class Cooling	-	A++				
SEER (average climate)	-	6.10				
Working range in Cooling	°C	-10°C /+ 46°C				
Performance, heating						
Nominal heating capacity (min-max)	kW	2.50 (0.90 - 3.20)	3.40 (0.90 - 4.40)	4.20 (0.90 - 5.00)	6.00 (2.2 - 7.30)	
Heating capacity at -7°C ⁽¹⁾	kW	2.00	2.50	3.00	4.00	
Rated power input Heating (min-max)	kW	0.62 (0.25 - 0.97)	0.88 (0.25 - 1.25)	1.10 (0.25 - 1.70)	1.66 (0.50 - 2.75)	
COP	-	4.03	3.86	3.82	3.61	
Energy class Heating	-	A+				
SCOP (average climate)	-	4.20				
Working range in Heating	°C	-15°C /+ 21°C				
Indoor units						
Unit	RAK-18REF	RAK-25REF	RAK-35REF	RAK-50REF		
Sound pressure in Cooling mode (EL / L / M / H) ⁽²⁾	dB(A)	21 / 24 / 33 / 37	22 / 24 / 33 / 40	25 / 26 / 36 / 43	28 / 30 / 40 / 46	
Sound pressure in Heating mode (EL / L / M / H) ⁽²⁾	dB(A)	19 / 22 / 33 / 38	20 / 23 / 34 / 41	26 / 27 / 36 / 44	25 / 30 / 39 / 47	
Sound power in Cooling mode	dB(A)	52	54	57	60	
Airflow in Cooling mode (EL / L / M / H)	m ³ /h	312 / 350 / 400 / 440	333 / 370 / 430 / 510	333 / 400 / 485 / 600	333 / 450 / 600 / 700	
Dehumidification	l/h	1.2	1.4	1.6	2	
Dimensions (H x L x D)	mm	280 x 780 x 215				
Net weight	kg	7.7			8.2	
Remote control	-	Infrared (included)				
Outdoor units						
Unit	RAC-18WEF	RAC-25WEF	RAC-35WEF	RAC-50WEF		
Sound pressure in Cooling mode ⁽²⁾	dB(A)	45	47	48	50	
Sound power in Cooling mode	dB(A)	59	61	62	64	
Airflow (Cooling / Heating)	m ³ /h	1860 / 1620		2160 / 2160		
Dimensions (H x L x D)	mm	530 x 660 x 278		600 x 792 x 299		
Net weight	kg	23.7		25.0		39.5
Compressor	-	Rotary		Double twin rotary		
Refrigeration characteristics						
Diameter of pipes (Liq / Gas)	inches	1/4" / 3/8"		1/4" / 1/2"		
Initial refrigerant charge	kg	0.53		0.70	0.93	
Pre-charged for	m	20				
Min. length	m	3				
Max. length / Additional charge	m/g/m	20 / -				
Max. level difference (outdoor unit above / outdoor unit below)	m	10 / 10				
Refrigerant	-	R32				
Electrical features						
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz				
Operating current (Cooling / Heating)	A	1.09 - 4.39 / 1.09 - 4.22	1.09 - 5.61 / 1.09 - 5.43	1.09 - 6.35 / 1.09 - 7.39	2.17 - 9.13 / 2.17 - 11.96	
Recommended fuse size	A	15	15	15	25	
Cable width (EN 60 335-1) ⁽³⁾	mm ²	1.50 x 2 + E		2.50 x 2 + E		
Indoor/outdoor connection (shielded)	mm ²	1.50 x 3 + E		2.50 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
RAR-7PE1
Included



Wired standard remote control
SPX-RCDB1



Wired programmable remote control
SPX-WKT4



H-Link box
PSC-6RAD

Other (price excluding taxes):

- Control box for multi-indoor units SPX-DST1 + SPX-WDST8M
- interface airCloud Home SPX-WFG02
- Hi-Box AHP-SMB-01
- Hi Kumo interface for Hi-Box SPX-TAG01
- Single dry contact kit SPX-WDC3
- Single error report kit SPX-WDC7 + HA-S100TSA