



Single-split wall unit

	airHome 200 NEW  IU: RAK-CJ-PHAE OU: RAC-CJ-WHAE R32 ULTRA LOW GWP	airHome 400 NEW  IU: RAK-DJ-RHAE OU: RAC-DJ-WHAE R32 ULTRA LOW GWP	airHome 600 NEW  IU: RAK-VJ-RHAE OU: RAC-VJ-WHAE R32 ULTRA LOW GWP	airHome 800 NEW  IU: RAK-XJ-RHBE(G) OU: RAC-XJ-WHBE R32 ULTRA LOW GWP
Compatibility	Single-split	Single-split & Multi-splits		
Color scheme	White	White	White	White & Gray
Compactness: 78 cm wide	●	●	●	-
Performance				
Energy class (D to A+++; Cooling/Heating)	A++/A+	A++/A++	A+++/A++	A+++/A+++
Operating range (Cooling - Heating)	(-10°C/+46°C) - (-15°C/+24°C)	(-10°C/+46°C) - (-15°C/+21°C)		(-10°C/+46°C) - (-20°C / +21°C)
Maintain heating capacity up to -15°C outside.	-	-	-	●
Comfort				
Motion sensor	-	-	●	●
Vertical scanning	●	●	●	●
Horizontal scanning	Manually	Manually	●	●
Blowing speeds	5			
Sleep function	●	●	●	●
Eco mode	●	●	●	●
Acoustic comfort	● From 20 dB(A)	● From 20 dB(A)	● From 19 dB(A)	● From 21 dB(A)
Connectivity				
Wi-Fi	Optional	Integrated		
Air handling				
Antivirus filter	-	●	●	●
Pre-filter	●	-	-	-
AQtiV-Ion ionizer	-	-	●	●
FrostWash Indoor Unit (cleaning the heat exchanger)	-	●	●	● FrostWash 3.0
FrostWash Outdoor Unit (cleaning the heat exchanger)	-	-	-	●
Mold Guard (drying the heat exchanger)	●	●	●	● Mold Guard 2.0
DuraSpin (outdoor unit fan reversed)	-	-	-	●
Capacities				
2.0 kW	●	●	●	-
2.5 kW	●	●	●	●
3.5 kW	●	●	●	●
4.2 kW	-	-	●	-
5.0 kW	●	●	●	●
6.0 kW	-	●	●	-
7.1 kW	-	●	●	-

airHome 200

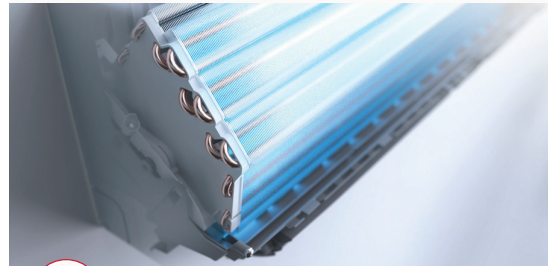
2.0 to 5.0 kW (R32), single-split

NEW



APPRAISAL

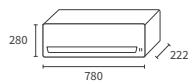
- **Mold Guard function:** Drying the heat exchanger to protect it from mold during periods of high humidity (in Cooling mode).



EASY TO INSTALL

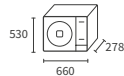
- Compact width of 78 cm, regardless of the size of the indoor unit.
- Refrigerant connections Ø 1/4" (liquid) and Ø 3/8" (gas) on all sizes.

Indoor units

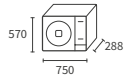


RAK-CJ20PHAE
RAK-CJ25PHAE
RAK-CJ35PHAE
RAK-CJ50PHAE

Outdoor units



RAC-CJ20WHAE
RAC-CJ25WHAE
RAC-CJ35WHAE



RAC-CJ50WHAE

Compatible controls and accessories

Infrared controls and connectivity



Standard infrared remote control
Ref.: RC-AGL1IA0E
Included
(Remote control holder not included)



airCloud Go gateway
Ref.: SPX-WFG03

Wired controls



Programmable wired remote control
(color screen)
Ref.: SPX-URFG1



Simplified wired remote control
Ref.: SPX-RCDB1



H-Link box
Ref.: PSC-6RAD



5 m shielded standard
cable
Ref.: SPX-WKT5MS

External controls

Dry contact ON/OFF cable
Ref.: SPX-WDC3

Models	Unit	2.0 kW	2.5 kW	3.5 kW	5.0 kW
Performance, cooling					
Nominal power (min. - max.)	kW	2.00 (0.90 - 2.50)	2.40 (0.90 - 3.10)	3.20 (0.90 - 4.00)	4.60 (1.90 - 5.20)
Nominal power consumption (min. - max.)	kW	0.58 (0.25 - 1.00)	0.74 (0.25 - 1.20)	0.99 (0.25 - 1.48)	1.77 (0.50 - 2.00)
EER	-	3.45	3.23	3.23	2.60
Energy class (D to A+++)	-	A++			
SEER (average climate)	-	6.80		6.60	6.10
Operating range	°C	-10°C/+46°C			
Performance, heating					
Nominal heating capacity (min. - max.)	kW	2.50 (0.90 - 3.20)	2.80 (0.90 - 3.80)	3.90 (0.90 - 5.00)	5.60 (2.20 - 6.50)
Nominal power consumption (min. - max.)	kW	0.64 (0.25 - 0.85)	0.76 (0.25 - 1.30)	1.05 (0.25 - 1.44)	1.65 (0.50 - 2.30)
Full load capacity at -7°C without defrosting ⁽¹⁾	kW	2.20	2.90	3.50	4.80
Full load capacity at -7°C with defrosting ⁽¹⁾	kW	1.75	2.40	2.70	3.80
COP	-	3.90	3.71	3.71	3.40
Energy class (D to A+++)	-	A+			
SCOP (average climate)	-	4.00		4.20	4.00
Operating range	°C	-15°C/+24°C			
Indoor units	Unit	RAK-CJ20PHAE	RAK-CJ25PHAE	RAK-CJ35PHAE	RAK-CJ50PHAE
Sound pressure in Cooling mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	21/24/29/33/37	21/25/30/36/40	21/27/35/39/43	28/33/38/42/46
Sound pressure in Heating mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	20/24/30/34/38	20/25/31/36/41	20/30/37/40/44	25/31/37/42/47
Sound power	dB(A)	51	54	57	60
Airflow in Cooling mode (very low/low/medium/high speed)	m³/h	200/260/400/450/515	200/260/405/480/570	210/270/420/500/585	250/300/500/560/610
Airflow in Heating mode (very low/low/medium/high speed)		220/290/480/550/600	220/335/495/620/690	230/405/550/650/715	255/410/550/680/750
Dehumidification	l/h	1.2	1.4	1.6	2.0
Dimensions (HxWxD)	mm	280 x 780 x 222			
Net weight	kg	7.0		7.7	
Remote control	-	RC-AGL11A0E (included)			
Outdoor units	Unit	RAC-CJ20WHAE	RAC-CJ25WHAE	RAC-CJ35WHAE	RAC-CJ50WHAE
Sound pressure Cooling ⁽²⁾	dB(A)	45	47	48	50
Sound pressure Heating ⁽²⁾	dB(A)	46	48	49	51
Sound power	dB(A)	59	61	62	64
Airflow (Cooling/Heating)	m³/h	1860 / 1620			2100 / 2100
Dimensions (HxWxD)	mm	530 x 660 (720) ⁽³⁾ x 278			570 x 750 (810) ⁽³⁾ x 288
Net weight	kg	21.2		22.6	31.5
Compressor	-	Rotary			2-cylinder rotary
Cooling properties					
Subject to the DESP, category II					
Diameter of pipes (Liq - Gas)	inches	1/4" - 3/8"			
Condensate pipe diameter (out)	mm	16			
Initial refrigerant fill	kg	0.50		0.70	0.90
Preloaded for	m	20			
Minimum length	m	3			
Max. length	m	20			
Max. drop (outdoor unit top/bottom)	m	10/10			
Refrigerant	-	R32			
Electrical features					
Power supply	V/Ph/Hz	230V/1Ph/50Hz			
Operating current (Cooling/Heating)	A	5.00 / 4.50	5.70 / 6.10	6.90 / 6.80	8.80 / 10.20
Cable section	mm²	1.50 x 2 + GROUND			
Indoor/outdoor connection (protected)	mm²	1.50 x 3 + GROUND			

⁽¹⁾ Consult our technical catalogs to find the data relevant to your project.

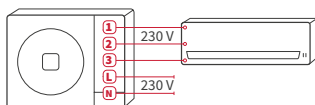
⁽²⁾ Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalog).

⁽³⁾ Dimensions with refrigeration connection.

Retail price per unit excluding taxes

Indoor unit (Infrared remote control included)	RAK-CJ20PHAE	RAK-CJ25PHAE	RAK-CJ35PHAE	RAK-CJ50PHAE
Outdoor unit	RAC-CJ20WHAE	RAC-CJ25WHAE	RAC-CJ35WHAE	RAC-CJ50WHAE
Price for the entire Indoor + Outdoor unit				

Indoor units are powered at 220-230 V from the outdoor unit.



airHome 400

2.0 to 7.1 kW (R32), Single-split and Multi-splits



reddot winner 2022



INDOOR AIR QUALITY

Standard antivirus filter.

99%
of viruses and
bacteria are
eliminated⁽¹⁾

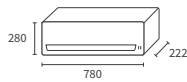
APPRAISAL

- **FrostWash technology⁽²⁾**: self-cleaning of the heat exchanger.
- **Mold Guard function**: Drying the heat exchanger to protect it from mold during periods of high humidity (in Cooling mode).

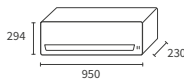
COMFORT AT YOUR FINGERTIPS

- Connected as standard via the airCloud Go app.
- Wi-Fi box included in the unit.
- Unique geotagging feature.

Indoor units



RAK-DJ18RHAE
RAK-DJ25RHAE
RAK-DJ35RHAE
RAK-DJ50RHAE

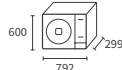


RAK-DJ60RHAE
RAK-DJ70RHAE

Outdoor units



RAC-DJ18WHAE
RAC-DJ25WHAE
RAC-DJ35WHAE



RAC-DJ50WHAE



RAC-DJ60WHAE
RAC-DJ70WHAE

Compatible controls and accessories

Infrared controls



Standard infrared remote control
Ref.: RC-AGU1EA0G
Included
(Remote control holder not included)

Wired controls



Programmable wired remote control
(color screen)
Ref.: SPX-URFG1



Simplified wired remote control
Ref.: SPX-RCDB1



H-Link box
Ref.: PSC-6RAD



5 m shielded standard
cable
Ref.: SPX-WKT5MS

External controls

Dry contact ON/OFF cable
Ref.: SPX-WDC3

⁽¹⁾ Tests conducted in accordance with JIS L 1922:2024 by Japan Textile Products Quality and Technology Center and BOKEN Quality Evaluation Institute.
⁽²⁾ Tests conducted by Kitasato Research Environmental Science (test no. 2020-0650).



Models	Unit	2.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.1 kW
Performance, cooling							
Nominal power (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)	6.00 (1.75 - 6.80)	7.10 (1.75 - 7.50)
Nominal power consumption (min. - max.)	kW	0.58 (0.25 - 1.01)	0.70 (0.25 - 1.29)	1.08 (0.25 - 1.46)	1.55 (0.50 - 2.10)	1.81 (0.50 - 3.05)	2.63 (0.50 - 3.15)
EER	-	3.45	3.57	3.23		3.31	2.70
Energy class (D to A+++)	-	A++					
SEER (average climate)	-	7.50			7.00	6.80	6.20
Operating range	°C	-10°C/+46°C					
Performance, heating							
Nominal power (min. - max.)	kW	2.50 (0.90 - 3.20)	3.40 (0.90 - 4.40)	4.20 (0.90 - 5.00)	6.00 (2.20 - 7.30)	7.00 (1.75 - 7.80)	8.10 (1.75 - 8.30)
Nominal power consumption (min. - max.)	kW	0.60 (0.25 - 0.97)	0.85 (0.25 - 1.25)	1.05 (0.25 - 1.70)	1.62 (0.50 - 2.75)	2.00 (0.50 - 3.05)	2.61 (0.50 - 3.15)
Full load capacity at -7°C without defrosting ⁽¹⁾	kW	2.30	3.10	3.90	5.20	4.90	5.20
Full load capacity at -7°C with defrosting ⁽¹⁾	kW	1.75	2.50	3.00	4.00	3.74	3.75
COP	-	4.20	4.00	4.00	3.71	3.50	3.10
Energy class (D to A+++)	-	A++			A+		
SCOP (average climate)	-	4.60			4.50	4.10	4.00
Operating range	°C	-15°C/+21°C					
Indoor units	Unit	RAK-DJ18RHAE	RAK-DJ25RHAE	RAK-DJ35RHAE	RAK-DJ50RHAE	RAK-DJ60RHAE	RAK-DJ70RHAE
Sound pressure in Cooling mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	20/24/29/33/37	20/24/30/36/40	20/27/35/39/43	28/33/38/42/46	30/33/42/45/48	30/36/42/45/48
Sound pressure in Heating mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	20/24/30/34/38	20/25/31/36/41	20/28/36/40/44	25/31/37/42/47	30/33/42/45/48	30/36/42/45/48
Sound power	dB(A)	51	54	57	60		62
Airflow in Cooling mode (very low/low/medium/high speed)	m³/h	204/255/384/431/545	204/255/394/513/620	204/302/446/608/653	265/360/528/608/663	360/510/700/940/1000	
Airflow in Cooling mode (very low/low/medium/high speed)		218/287/446/505/611	218/310/460/569/683	218/407/569/653/773	255/413/528/687/749	350/532/690/780/850	
Dehumidification	l/h	1.2	1.4	1.6	2.0	2.8	4.8
Dimensions (HxWxD)	mm	280 x 780 x 222				294 x 950 x 230	
Net weight	kg	7.7			8.4	10.5	
Remote control	-	RC-AGU1EA0G (included)					
Outdoor units	Unit	RAC-DJ18WHAE	RAC-DJ25WHAE	RAC-DJ35WHAE	RAC-DJ50WHAE	RAC-DJ60WHAE	RAC-DJ70WHAE
Sound pressure Cooling ⁽²⁾	dB(A)	45	47	48	50	53	54
Sound pressure Heating ⁽²⁾	dB(A)	46	48	49	51	54	
Sound power	dB(A)	59	61	62	64	64	67
Airflow (Cooling/Heating)	m³/h	1860 / 1620			2160 / 2160	2700 / 2700	
Dimensions (HxWxD)	mm	530 x 660 (720) ⁽³⁾ x 278			600 x 792 (877) ⁽³⁾ x 299	750 x 850 (956) ⁽³⁾ x 298	
Net weight	kg	23.0		24.4	39.1	48.0	
Compressor	-	Rotary			2-cylinder rotary	Rotary	
Cooling properties		Subject to the DESP, category II				Not subject to the DESP	
Diameter of pipes (Liq - Gas)	inches	1/4" - 3/8"				1/4" - 1/2"	1/4" - 5/8"
Condensate pipe diameter (out)	mm					16	
Initial refrigerant fill	kg	0.58		0.72	0.93	1.50	
Preloaded for	m	20				30	
Minimum length	m					3	
Max. length	m	20				30	
Max. drop (outdoor unit top/bottom)	m	10/10				20/20	
Refrigerant	-	R32					
Electrical features							
Power supply	V/Ph/Hz	230V/1Ph/50Hz					
Operating current (Cooling/Heating)	A	4.39 / 4.22	5.61 / 5.43	6.35 / 7.39	9.13 / 11.96	13.10 / 12.50	14.50 / 14.50
Cable section	mm²	1.50 x 2 + GROUND			2.50 x 2 + GROUND		
Indoor/outdoor connection (protected)	mm²	1.50 x 3 + GROUND					

⁽¹⁾ Consult our technical catalogs to find the data relevant to your project.

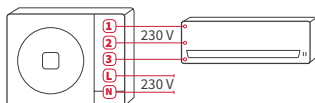
⁽²⁾ Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalog).

⁽³⁾ Dimensions with refrigeration connection.

Retail price per unit excluding taxes

Indoor unit (Infrared remote control included)	RAK-DJ18RHAE	RAK-DJ25RHAE	RAK-DJ35RHAE	RAK-DJ50RHAE	RAK-DJ60RHAE	RAK-DJ70RHAE
Outdoor unit	RAC-DJ18WHAE	RAC-DJ25WHAE	RAC-DJ35WHAE	RAC-DJ50WHAE	RAC-DJ60WHAE	RAC-DJ70WHAE
Price for the entire Indoor + Outdoor unit						

Indoor units are powered at 220-230 V from the outdoor unit.



airHome 600

2.0 to 7.0 kW (R32), Single-split and Multi-splits



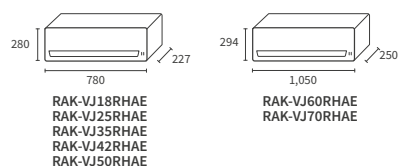
INDOOR AIR QUALITY

- **AQtiv-Ion ionizer** integrated as standard in the unit
- 3 other air treatment technologies included as standard:
 - Antivirus filter
 - FrostWash
 - Mold Guard

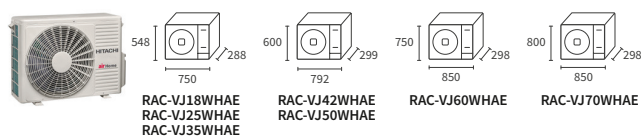
Eliminates up to 99.9%⁽¹⁾ of pollutants



Indoor units



Outdoor units



Compatible controls and accessories

Infrared controls



Standard infrared remote control
Ref.: RC-AGS1EA0E
Included

Wired controls



Programmable wired remote control
(color screen)
Ref.: SPX-URFG1



H-Link box
Ref.: PSC-6RAD



Simplified wired remote control
Ref.: SPX-RCDB1



5 m shielded standard
cable
Ref.: SPX-WKT5MS

External controls

Dry contact ON/OFF cable
Ref.: SPX-WDC3

Error reporting interface + operating
status
Ref.: SPX-WDC8



FOR ENERGY COST SAVINGS

- **Motion detector:** detects the presence of people in the room and adjusts the power and temperature.
- **4 way Swing scanning:** Uniform distribution of air throughout the room.



COMFORT AT YOUR FINGERTIPS

- Connected as standard via the airCloud Go app.
- Wi-Fi box included in the unit.
- Unique geotagging feature.



⁽¹⁾ Tests conducted by Kitasato Research Environmental Science (test no. 2020-0650).
Tests conducted by Japan Textile Product Quality and Technology Center in accordance with ISO 18184:2019 and by Nissenken Quality Evaluation Center in accordance with JIS L1902:2015.
Tests conducted by the Institute of Tokyo Environmental Allergy (tests no. 11M-RPTJUN025; 11M-RPTMAY043 and 11M-RPTJUN031); Using able Ltd. in accordance with the JIS L-1920 method (test no. REP00864); Nara Medical University; Boken Quality Evaluation in accordance with JIS Z 2801 (test no. 028669) and by atKinki Bunseki Center, Ltd. (test n°2011-061015, 071127).

Models	Unit	2.0 kW	2.5 kW	3.5 kW	4.2 kW	5.0 kW	6.0 kW	7.0 kW
Performance, cooling								
Nominal power (min. - max.)	kW	2.00 (0.90 - 2.50)	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	4.20 (1.70 - 5.00)	5.00 (1.90 - 5.20)	6.00 (1.90 - 6.80)	7.00 (1.90 - 7.50)
Nominal power consumption (min. - max.)	kW	0.42 (0.25 - 1.01)	0.55 (0.25 - 1.29)	0.88 (0.25 - 1.46)	1.12 (0.30 - 1.70)	1.47 (0.30 - 2.10)	1.71 (0.50 - 3.05)	2.16 (0.50 - 3.50)
EER	-	4.77	4.55	4.00	3.75	3.40	3.50	3.24
Energy class (D to A+++)	-	A+++			A++			
SEER (average climate)	-	8.50			7.50	7.35	7.00	
Operating range	°C	-10°C/+46°C					-15°C/+46°C	

Performance, heating								
Nominal power (min. - max.)	kW	2.50 (0.90 - 3.20)	3.40 (0.90 - 4.40)	4.20 (0.90 - 5.00)	5.40 (1.70 - 6.00)	6.00 (2.20 - 7.30)	7.00 (1.90 - 7.80)	8.00 (1.90 - 8.30)
Nominal power consumption (min. - max.)	kW	0.52 (0.25 - 0.97)	0.73 (0.25 - 1.50)	1.00 (0.25 - 1.70)	1.32 (0.50 - 2.10)	1.56 (0.50 - 2.75)	1.84 (0.50 - 3.05)	2.15 (0.50 - 3.50)
Full load capacity at -7°C without defrosting ⁽¹⁾	kW	2.60	3.50	3.95	4.50	5.30	5.00	6.20
Full load capacity at -7°C with defrosting ⁽¹⁾	kW	2.30	3.00	3.40	3.80	4.20	3.74	4.00
COP	-	4.82	4.64	4.20	4.10	3.85	3.80	3.72
Energy class (D to A+++)	-				A++			
SCOP (average climate)	-	4.90			4.60			
Operating range	°C	-15°C/+21°C					-15°C/+24°C	

Indoor units	Unit	RAK-VJ18RHAE	RAK-VJ25RHAE	RAK-VJ35RHAE	RAK-VJ42RHAE	RAK-VJ50RHAE	RAK-VJ60RHAE	RAK-VJ70RHAE
Sound pressure in Cooling mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	21/24/33/35/37	22/24/33/38/40	25/26/36/41/43	25/28/39/44/46		32/36/42/45/47	32/36/42/45/48
Sound pressure in Heating mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	19/22/33/36/38	20/23/34/39/41	26/27/36/42/44	27/31/39/44/46		32/36/42/45/47	32/36/42/45/48
Sound power	dB(A)	51	54	57	60		63	
Airflow in Cooling mode (very low/low/medium/high speed)	m³/h	206/240/330/390/500	206/240/340/440/550	210/260/400/500/680	230/300/420/560/720	230/300/420/560/750	545/660/800/925/1050	573/690/830/950/1080
Airflow in Heating mode (very low/low/medium/high speed)	m³/h	220/250/410/480/600	220/260/430/520/650	240/330/530/600/780	300/450/550/670/800	300/450/550/670/820	475/625/770/900/1060	475/650/800/955/1085
Dehumidification	l/h	1.2	1.4	1.6	1.8	2.0	2.8	4.8
Dimensions (HxWxD)	mm	280 x 780 x 227					294 x 1050 x 250	
Net weight	kg	8.6			8.8		12.5	
Remote control	-	RC-AGS1EA0E (included)						

Outdoor units	Unit	RAC-VJ18WHAE	RAC-VJ25WHAE	RAC-VJ35WHAE	RAC-VJ42WHAE	RAC-VJ50WHAE	RAC-VJ60WHAE	RAC-VJ70WHAE
Sound pressure in Cooling mode ⁽²⁾	dB(A)	44	46	48	49		53	54
Sound pressure Heating ⁽²⁾	dB(A)	45	47	49	50		54	
Sound power	dB(A)	58	60	61	63		65	67
Airflow (Cooling/Heating)	m³/h	1860 / 1620		1920 / 1620	2160 / 2160		2700 / 2700	
Dimensions (HxWxD)	mm	548 x 750 (841) ⁽³⁾ x 288			600 x 792 (877) ⁽³⁾ x 299		750 x 850 (956) ⁽³⁾ x 298	800 x 850 (956) ⁽³⁾ x 298
Net weight	kg	31.6			39.5		48.0	52.0
Compressor	-	Rotary			2-cylinder rotary		Rotary	

Cooling properties		Subject to the DESP, category II		Not subject to the DESP	
Diameter of pipes (Liq - Gas)	inches	1/4" - 3/8"	1/4" - 1/2"	1/4" - 5/8"	
Condensate pipe diameter (out)	mm		16		
Initial refrigerant fill	kg	0.87	1.05	1.50	
Preloaded for	m	20		30	
Minimum length	m		3		
Max. length	m	20		30	
Max. drop (outdoor unit top/bottom)	m	10/10		20/20	
Refrigerant	-		R32		

Electrical features								
Power supply	V/Ph/Hz				230V/1Ph/50Hz			
Operating current (Cooling/Heating)	A	4.39 / 4.22	5.61 / 6.52	6.35 / 7.39	7.39 / 8.70	8.70 / 11.96	10.50 / 14.30	14.20 / 14.50
Cable section	mm ²	1.50 x 2 + GROUND			2.50 x 2 + GROUND			
Indoor/outdoor connection (protected)	mm ²				1.50 x 3 + GROUND			

⁽¹⁾ Consult our technical catalogs to find the data relevant to your project.

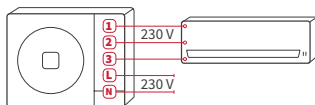
⁽²⁾ Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalog).

⁽³⁾ Dimensions with refrigeration connection.

Retail price per unit excluding taxes

Indoor unit (Infrared remote control included)	RAK-VJ18RHAE	RAK-VJ25RHAE	RAK-VJ35RHAE	RAK-VJ42RHAE	RAK-VJ50RHAE	RAK-VJ60RHAE	RAK-VJ70RHAE
Outdoor unit	RAC-VJ18WHAE	RAC-VJ25WHAE	RAC-VJ35WHAE	RAC-VJ42WHAE	RAC-VJ50WHAE	RAC-VJ60WHAE	RAC-VJ70WHAE
Price for whole set Indoor unit + Outdoor unit							

Indoor units are powered at 220-230 V from the outdoor unit.



airHome 800

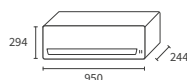
HeatForce

2.5 to 5.0 kW (R32), Single-split and Multi-splits



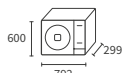
OF COMFORT UP TO -20°C

Indoor units



RAK-XJ25RHBE(G)
RAK-XJ35RHBE(G)
RAK-XJ50RHBE(G)

Outdoor units



RAC-XJ25WHBE
RAC-XJ35WHBE



RAC-XJ50WHBE

Compatible controls and accessories

Infrared controls



Standard infrared remote control
Ref.: RC-BGH1FA0G
Included

Wired controls



Programmable wired remote control
(color screen)
Ref.: SPX-URFG1



Simplified wired remote control
Ref.: SPX-RCDB1



H-Link box
Ref.: PSC-6RAD



5 m shielded standard cable
Ref.: SPX-WKT5MS

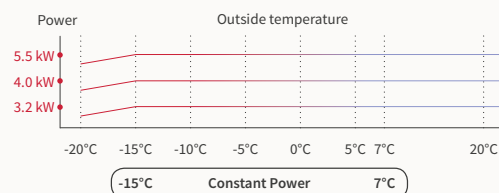
5 m extension cable for wired remote controls
(max. 2 extension cables)
Ref.: SPX-WKT5M

External controls

Dry contact ON/OFF cable
Ref.: SPX-WDC3

Error reporting interface
+ operating status
Ref.: SPX-WDC8

- Constant Power technology:** maintaining heating power up to -15°C outdoors and heating provided up to -20°C.



APPRAISAL

Indoor unit

- FrostWash technology⁽¹⁾ 3.0 :** self-cleaning of the indoor unit heat exchanger.



Heating



Frosting



Defrosting

- Mold Guard 2.0 function:** With the help of a humidity and temperature sensor, the unit detects the risk of mold in the heat exchanger and automatically triggers drying to reduce internal humidity (<30%) and protect it from mold.

Outdoor unit

- FrostWash outdoor unit technology:** self-cleaning of the heat exchanger on the outdoor unit.
- DuraSpin:** In cooling mode, the fan rotates in reverse to remove accumulated dust.



COMFORT AT YOUR FINGERTIPS

- Connected as standard via the airCloud Go app.
- Wi-Fi box included in the unit.
- Unique geotagging feature.



Retour à l'appart

Sortie faire du sport

Partie retrouver des amis

⁽¹⁾ Tests conducted by Kitasato Research Environmental Science (test no. 2020-0650)

Models	Unit	2.5 kW	3.5 kW	5.0 kW	
Performance, cooling					
Nominal power (min. - max.)	kW	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	5.00 (1.90 - 5.20)	
Nominal power consumption (min. - max.)	kW	0.48 (0.25 - 1.00)	0.81 (0.25 - 1.40)	1.43 (0.50 - 2.10)	
EER	-	5.20	4.30	3.50	
Energy class (D to A+++)	-	A+++		A++	
SEER (average climate)	-	9.50	9.00	7.60	
Operating range	°C	-10°C/+46°C			
Performance, heating					
Nominal power (min. - max.)	kW	3.20 (0.90 - 4.40)	4.00 (0.90 - 5.00)	6.00 (2.20 - 7.30)	
Nominal power consumption (min. - max.)	kW	0.59 (0.25 - 1.20)	0.80 (0.25 - 1.60)	1.46 (0.50 - 2.70)	
Full load capacity at -7°C without defrosting ⁽¹⁾	kW	3.60	4.60	5.80	
Full load capacity at -7°C with defrosting ⁽¹⁾	kW	3.20	4.00	5.00	
COP	-	5.40	5.00	4.10	
Energy class (D to A+++)	-	A+++		A++	
SCOP (average climate)	-	5.20		4.70	
Operating range	°C	-20°C /+ 21°C			
Indoor units	White	Unit	RAK-XJ25RHBE	RAK-XJ35RHBE	RAK-XJ50RHBE
	Gray		RAK-XJ25RHBEG	RAK-XJ35RHBEG	RAK-XJ50RHBEG
Sound pressure in Cooling mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	21/27/33/40/43	21/29/34/41/44	25/31/38/43/46	
Sound pressure in Heating mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	21/28/34/40/44	21/29/35/41/45	25/31/39/44/48	
Sound power	dB(A)	57	58	60	
Airflow in Cooling mode (very low/low/medium/high speed)	m³/h	230/300/420/590/680	230/325/485/650/720	260/350/510/680/740	
Airflow in Heating mode (very low/low/medium/high speed)	m³/h	290/390/530/700/780	290/430/605/750/860	355/470/665/820/940	
Dehumidification	l/h	1.4	1.6	2.0	
Dimensions (HxWxD)	mm	294 x 950 x 244			
Net weight	kg	11.5			
Remote control	-	RC-BGH1FA0G (included)			
Outdoor units	Unit	RAC-XJ25WHBE	RAC-XJ35WHBE	RAC-XJ50WHBE	
Sound pressure Cooling ⁽²⁾	dB(A)	47	48	51	
Sound pressure Heating ⁽²⁾	dB(A)	48	50	51	
Sound power	dB(A)	61	62	65	
Airflow (Cooling/Heating)	m³/h	1860 / 1620	1920 / 1620	2160 / 2160	
Dimensions (HxWxD)	mm	600 x 792 (877) ⁽³⁾ x 299		736 × 800 (890.5) ⁽³⁾ × 350	
Net weight	kg	35.8		51.0	
Compressor	-	Rotary		2-cylinder rotary	
Cooling properties					
Subject to the DESP, category II					
Diameter of pipes (Liq - Gas)	inches	1/4" - 3/8"		1/4" - 1/2"	
Condensate pipe diameter (out)	mm	16			
Initial refrigerant fill	kg	1.03		1.30	
Preloaded for	m	20		30	
Minimum length	m	3			
Max. length	m	20		30	
Max. drop (outdoor unit top/bottom)	m	10/10			
Refrigerant	-	R32			
Electrical features					
Power supply	V/Ph/Hz	230V/1Ph/50Hz			
Operating current (Cooling/Heating)	A	4.35 / 5.22	6.09 / 6.96	9.13 / 11.74	
Cable section	mm²	1.50 x 2 + GROUND		2.50 x 2 + GROUND	
Indoor/outdoor connection (protected)	mm²	1.50 x 3 + GROUND			

⁽¹⁾ Consult our technical catalogs to find the data relevant to your project.

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

⁽³⁾ Dimensions with refrigeration connection.

Retail price per unit excluding taxes

Indoor unit (Infrared remote control included)	RAK-XJ25RHBE(G)	RAK-XJ35RHBE(G)	RAK-XJ50RHBE(G)
Outdoor unit	RAC-XJ25WHBE	RAC-XJ35WHBE	RAC-XJ50WHBE
Price for the entire Indoor + Outdoor unit			

Indoor units are powered at 220-230 V from the outdoor unit.

