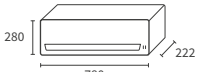
airHome 400

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

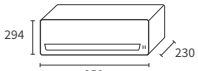
reddot winner 2022



Indoor units



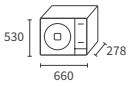
RAK-DJ18RHAE
RAK-DJ25RHAE
RAK-DJ35RHAE
RAK-DJ50RHAE



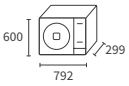
RAK-DJ60RHAE
RAK-DJ70RHAE

Outdoor units

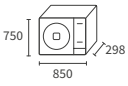




RAC-DJ18WHAE
RAC-DJ25WHAE
RAC-DJ35WHAE



RAC-DJ50WHAE



RAC-DJ60WHAE
RAC-DJ70WHAE

Compatible controls and accessories

Infrared controls



Standard infrared remote control
Model: **RC-AGU1EA0G**
Included
(Remote control holder not included)

Wired controls



Programmable wired remote control
(color screen)
Model: **SPX-URFG1**



Simplified wired remote control
Model: **SPX-RCDB1**



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

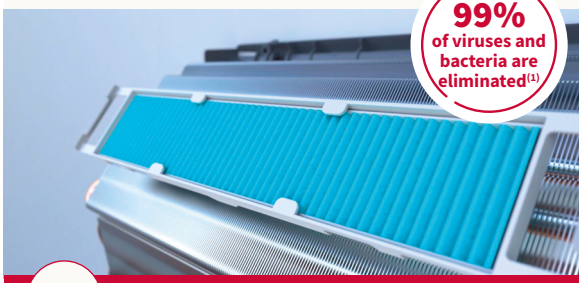
5 m shielded standard cable
Model: **SPX-WKT5MS**

External controls

Dry contact ON/OFF cable
Model: **SPX-WDC3**

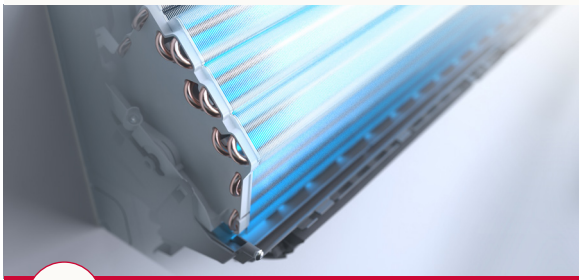
INDOOR AIR QUALITY

Standard antivirus filter.



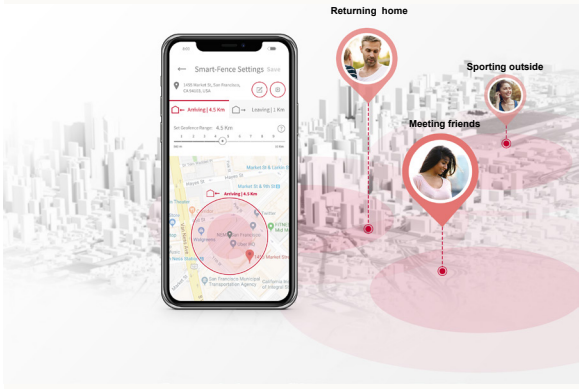
APPRAISAL

- **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.



(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)).

airHome 400

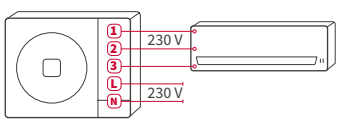
Models	Unit	2.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.1 kW
Performance, cooling							
Nominal power (min. - max.)	kW	2.00 (0.90 - 2.50)	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	5.00 (1.90 - 5.20)	6.00 (1.75 - 6.80)	7.10 (1.75 - 7.50)
Nominal power consumption (min. - max.)	kW	0.58 (0.25 - 1.01)	0.70 (0.25 - 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)	m^3/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 (HxLxD)	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)	m^3/h	1860 / 1620			2160 / 2160	2700 / 2700	
Dimensions (HxLxD)	mm	530 x 660 (720)[3] x 278			600 x 792 (877)[3] x 299	750 × 850 (956)[3] × 298	
Net weight	kg	23.0		24.4	39.1	48.0	
Compressor	-	Rotary			2-cylinder rotary	Rotary	
Cooling properties							
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/50 Hz					
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	mm^2	1.50 x 2 + GROUND			2.50 x 2 + GROUND		
Indoor/outdoor connection (protected)	mm^2	1.50 x 3 + GROUND					

[1] 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).
[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.

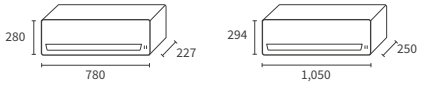


airHome 600

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



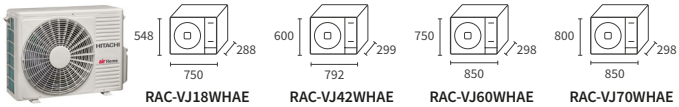
Indoor units



RAK-VJ18RHAE
RAK-VJ25RHAE
RAK-VJ35RHAE
RAK-VJ42RHAE
RAK-VJ50RHAE

RAK-VJ60RHAE
RAK-VJ70RHAE

Outdoor units



RAC-VJ18WHAE
RAC-VJ25WHAE
RAC-VJ35WHAE

RAC-VJ42WHAE
RAC-VJ50WHAE

RAC-VJ60WHAE

RAC-VJ70WHAE

Compatible controls and accessories

Infrared controls



Standard infrared remote control
Model: **RC-AGS1EA0E**
Included

Wired controls



Programmable wired remote control
(color screen)
Model: **SPX-URFG1**



Simplified wired remote control
Model: **SPX-RCDB1**



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

5 m shielded standard cable
Model: **SPX-WKT5MS**

External controls

Dry contact ON/OFF cable
Model: **SPX-WDC3**

Error reporting interface + operating status
Model: **SPX-WDC8**

+ 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



+ FOR ENERGY COST SAVINGS

- **Motion sensor:** 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).

airHome 600

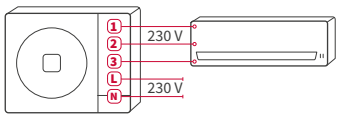
Models	Unit	2.0 kW	2.5 kW	3.5 kW	4.2 kW	5.0 kW	6.0 kW	7.0 kW
Performance, cooling								
Nominal power (min. - max.)	kW	2.00 (0.90 - 2.50)	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	4.20 (1.70 - 5.00)	5.00 (1.90 - 5.20)	6.00 (1.90 - 6.80)	7.00 (1.90 - 7.50)
Nominal power consumption (min. - max.)	kW	0.42 (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)	m^3/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 Cooling mode (very low/low/medium/ high speed)	m^3/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 (HxLxD)	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)	m^3/h	1860 / 1620		1920 / 1620	2160 / 2160		2700 / 2700	
Dimensions (HxLxD)	mm	548 × 750 (841)[3] × 288			600 x 792 (877)[3] x 299		750 × 850 (956)[3] × 298	800 × 850 (956)[3] × 298
Net weight	kg	31.6			39.5		48.0	52.0
Compressor	-	Rotary			2-cylinder rotary		Rotary	
Cooling properties								
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/50 Hz						
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] 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).
[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

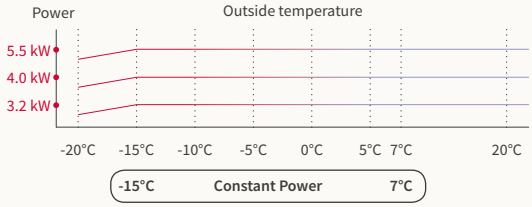
2.5 to 5.0 kW (R32), Single-split and Multi-splits

NEW

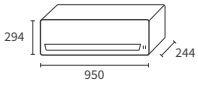


+ OF COMFORT UP TO -20°C

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



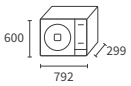
Indoor units



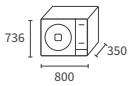
RAK-XJ25RHBE(G)
RAK-XJ35RHBE(G)
RAK-XJ50RHBE(G)

Outdoor units





RAC-XJ25WHBE
RAC-XJ35WHBE



RAC-XJ50WHBE

+ APPRAISAL

Indoor unit

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



- **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.



Compatible controls and accessories

Infrared controls



Standard infrared remote control
Model: **RC-BGH1FA0G**
Included

Wired controls



Programmable wired remote control
(color screen)
Model: **SPX-URFG1**



Simplified wired remote control
Model: **SPX-RCDB1**



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

5 m shielded standard cable
Model: **SPX-WKT5MS**

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

External controls

Dry contact ON/OFF cable
Model: **SPX-WDC3**

Error reporting interface + operating status
Model: **SPX-WDC8**

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

airHome 800

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
Indoor units 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 Cooling 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 (HxLxD)	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 (HxLxD)	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				
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/50 Hz		
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] 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).
[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.

