

# airHome 600

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



## + INDOOR AIR QUALITY

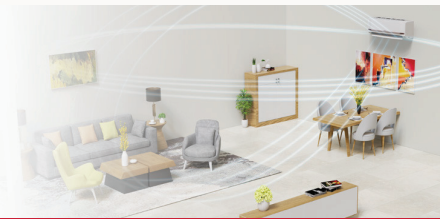
- **AqTiv-Ion ionizer** integrated as standard in the unit
- 3 other air treatment technologies included as standard:
  - Antivirus filter
  - FrostWash
  - Mold Guard

Eliminates up to 99.9%<sup>(1)</sup> of pollutants



## + 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.

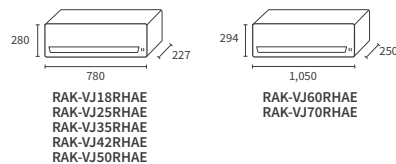


## + COMFORT AT YOUR FINGERTIPS

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



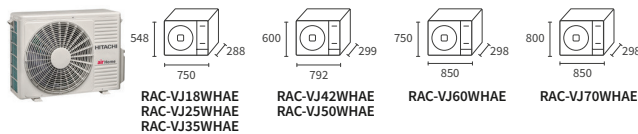
### Indoor units



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  
Ref.: RC-AGS1EA0E  
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

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

<sup>(1)</sup> 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
<b>Performance, cooling</b>								
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++			
<b>SEER (average climate)</b>	-	<b>8.50</b>			<b>7.50</b>	<b>7.35</b>	<b>7.00</b>	
Operating range	°C	-10°C/+46°C					-15°C/+46°C	

<b>Performance, heating</b>								
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 <sup>(1)</sup>	kW	2.60	3.50	3.95	4.50	5.30	5.00	6.20
Full load capacity at -7°C with defrosting <sup>(1)</sup>	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++			
<b>SCOP (average climate)</b>	-	<b>4.90</b>			<b>4.60</b>			
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) <sup>(2)</sup>	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) <sup>(2)</sup>	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 <sup>(2)</sup>	dB(A)	44	46	48	49		53	54	
Sound pressure Heating <sup>(2)</sup>	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) <sup>(3)</sup> x 288			600 x 792 (877) <sup>(3)</sup> x 299		750 x 850 (956) <sup>(3)</sup> x 298	800 x 850 (956) <sup>(3)</sup> x 298	
Net weight	kg	31.6			39.5		48.0	52.0	
Compressor	-	Rotary			2-cylinder rotary		Rotary		

<b>Cooling properties</b>								
			<b>Subject to the DESP, category II</b>				<b>Not subject to the DESP</b>	
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						

<b>Electrical features</b>								
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	mm²	1.50 x 2 + GROUND			2.50 x 2 + GROUND			
Indoor/outdoor connection (protected)	mm²	1.50 x 3 + GROUND						

<sup>(1)</sup> Consult our technical catalogs to find the data relevant to your project.  
<sup>(2)</sup> Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalog).  
<sup>(3)</sup> Dimensions with refrigeration connection.

<b>Retail price per unit excluding taxes</b>							
<b>Indoor unit (Infrared remote control included)</b>	RAK-VJ18RHAE	RAK-VJ25RHAE	RAK-VJ35RHAE	RAK-VJ42RHAE	RAK-VJ50RHAE	RAK-VJ60RHAE	RAK-VJ70RHAE
<b>Outdoor unit</b>	RAC-VJ18WHAE	RAC-VJ25WHAE	RAC-VJ35WHAE	RAC-VJ42WHAE	RAC-VJ50WHAE	RAC-VJ60WHAE	RAC-VJ70WHAE
<b>Price for whole set Indoor unit + Outdoor unit</b>							

