

airHome 600

A hive of technology

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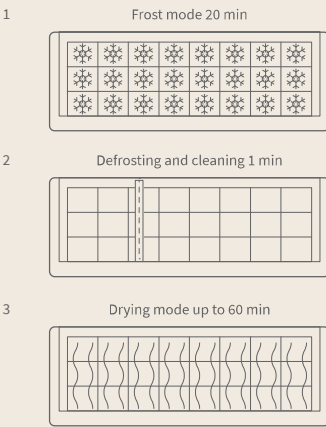


Exchanger self-cleaning

The FrostWash*⁽¹⁾ technology eliminates:



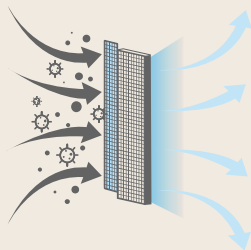
⁽¹⁾ FrostWash stages



*Tests carried out by Kitasato Research Environmental Science (test n°2020-0650)

Diffuses clean and healthy air

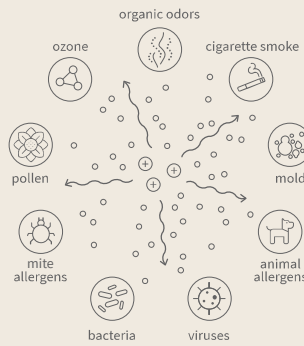
Thanks to the antivirus filter*.



*Tests carried out by Japan Textile Product Quality and Technology Center according to method ISO 18184:2019 and by Nissenken Quality Evaluation Center according to method JIS L1902:2015.

Traps and eliminates airborne particles

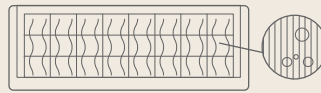
The AQ^{ti}v Ion* technology releases ions in the air. Is 99.997% effective against SARS-COV-2.



*Tests carried out by the Institute of Tokyo Environmental Allergy (tests n°11M-RPTJUN025; 11M-RPTMAY043 and 11M-RPTJUN031); Viable Ltd. according to method JIS-L-1920 (test n°REP00864); Nara Medical University; Boken Quality Evaluation according to method JIS Z 2801 (test n°028669) and by atKinki Bunseki Center, Ltd. (test n°2011-061015, 071127).

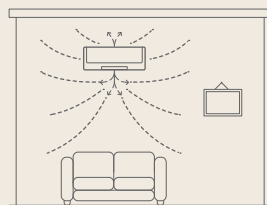
Anti-mold solution

Exchanger drying to protect it from mold thanks to the **Mold Guard** function.



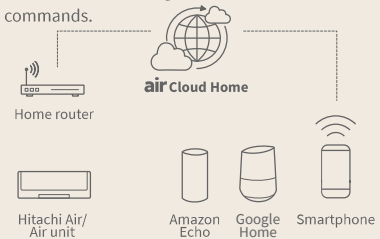
Improves air comfort

Thanks to **4 Way Swing**: blades move vertically as well as horizontally.

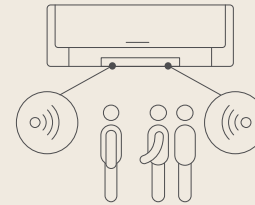


Connected as standard via the airCloud Home application

Compatible with Google Home or Alexa vocal commands.

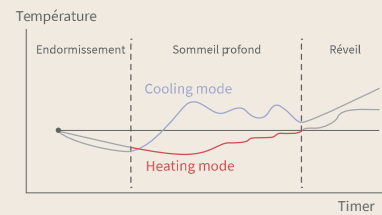


Motion sensor

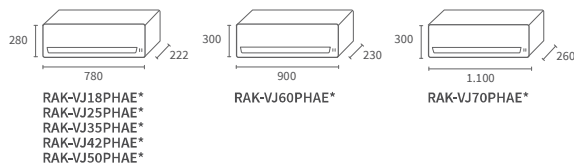


Improves sleep conditions

thanks to the **Air Sleep** mode. This functional also saves you energy while you sleep.



Indoor units



Outdoor groups



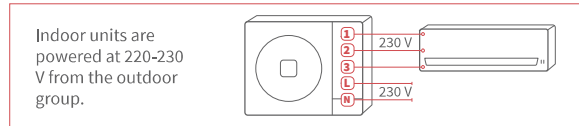
*Provisional dimensions.

Model	Unit	1.8 kW	2.5 kW	3.5 kW	4.2 kW	5.0 kW	6.0 kW	7.0 kW	
Performance, cooling									
Capacity, cooling (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 (1.20 - 6.50)	7.00 (1.50 - 8.00)	
Absorbed capacity Cooling (min-max)	kW	0.419 (0.25 - 1.01)	0.549 (0.25 - 1.29)	0.875 (0.25 - 1.46)	1.120 (0.30 - 1.70)	1.471 (0.30 - 2.10)	1.71 (0.30 - 2.65)	2.00 (0.50 - 2.70)	
EER	-	4.77	4.55	4.0	3.75	3.40	3.51	3.50	
Energy class Cooling	-	A+++			A++				
SEER (average climate)	-	8.50			7.50	7.35	6.50	7.00	
Guaranteed performance Cooling for outdoor temp.	°C				-10°C /+ 46°C		-15°C /+ 46°C		
Performance, heating									
Capacity, heating (min-max)	kW	2.50 (0.90 - 3.20)	3.40 (0.90 - 4.40)	4.20 (0.90 - 5.00)	5.40 (1.7 - 6.00)	6.00 (2.2 - 7.30)	7.00 (1.20 - 8.00)	8.00 (1.50 - 8.50)	
Capacity at full load at -7°C ⁽¹⁾	kW	2.30	3.00	3.40	3.80	4.20	4.80	5.80	
Absorbed capacity Heating (min-max)	kW	0.519 (0.25 - 0.97)	0.733 (0.25 - 1.50)	1.000 (0.25 - 1.70)	1.317 (0.50 - 2.10)	1.558 (0.50 - 2.75)	1.84 (0.30 - 2.65)	2.10 (0.50 - 2.80)	
COP	-	4.82	4.64	4.20	4.10	3.85	3.80	3.81	
Energy class Heating	-	A++			A+			A++	
SCOP (average climate)	-	4.90			4.60		4.20	4.60	
Guarantee performance levels, Heating for T° ext.	°C				-15°C /+ 21°C		-15°C /+ 24°C		
Indoor units									
Sound pressure in Cooling mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	21/24/33/37	22/24/33/40	25/26/36/43	25/28/39/46	25/28/39/46	30/33/42/48	30/35/42/47	
Sound pressure in Heating mode (very low/low/medium/high/very high speed) ⁽²⁾	dB(A)	19/22/33/38	20/23/34/41	26/27/36/44	27/31/39/46	25/28/39/46	33/34/42/49	30/36/42/47	
Sound pressure in Cooling mode	dB(A)	51	54	57	60				
Airflow in cooling mode (very low/low/medium/high speed)	m³/h	312/350/400/440	333/370/430/510	353/420/485/680	353/410/540/720	353/410/540/750	480/540/690/930	510/630/870/1020	
Dehumidification	l/h	1.2	1.4	1.6	1.8	2	2.8	4.8	
Dimensions (HxWxD)	mm	280 x 780 x 222					300 x 900 x 230		300 x 1100 x 260
Net weight	kg	8.5					12		15
Remote control	-	Weekly infrared (included)					Not included		
Outdoor groups									
Sound pressure in Cooling mode ⁽²⁾	dB(A)	44	46	48	49	49	50	52	
Sound pressure in Heating mode	dB(A)	58	60	61	63	63	65	67	
Airflow (Cooling/Heating)	m³/h	1860/1620		1920/1620		2160/2160		2160/2160	2700/2700
Dimensions (HxWxD)	mm	548 x 750 x 288			600 x 792 x 299		750 x 850 x 298		800 x 850 x 298
Net weight	kg	32.5			39		50		52
Compressor	-	Rotary			Double twin rotary		Rotary		
Cooling properties									
Diameter of pipes (Liq/Gas)	inches	1/4"/3/8"			1/4"/1/2"			1/4"/5/8"	
Initial refrigerant fill	kg	0.870			1.050		1.5	1.6	
Pre-charged for	m	20			3		30		
Min. length	m				3				
Max. length/Refrigerant refill	m/g/m	20/-					30/-		
Max. drop (outdoor group above/outdoor group below)	m	10/10					20/20		
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 - 6.52	1.09 - 6.35/1.09 - 7.39	1.30 - 7.39/2.17 - 8.70	1.30 - 8.70/2.17 - 11.96	7.20-7.85/7.74-8.45	8.42-9.18/8.84-9.64	
Cable section (EN 60 335-1)	mm²	1.50 x 2+T			2.50 x 2+T				
Indoor/outdoor connection (protected)	mm²	1.50 x 3+T			2.50 x 3+T		1.50 x 3+T		

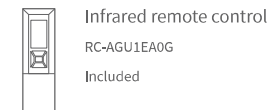
⁽¹⁾ Data includes defrosting. To find out the data for your project, refer to our technical catalogs.
⁽²⁾ Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalog).

Retail price per unit excluding taxes (+eco part.)		RAK-VJ18PHAE	RAK-VJ25PHAE	RAK-VJ35PHAE	RAK-VJ42PHAE	RAK-VJ50PHAE	RAK-VJ60PHAE	RAK-VJ70PHAE
Indoor unit (Infrared remote control included)								
Outdoor group								
Price for whole set Indoor unit + outdoor group								

Eco-participation is a net unit amount excluding taxes and is not discountable. It is added to the net price.



Compatible controls and accessories (see page 197)



- Other (Price ex tax):
- Control box for indoor multi units SPX-DST1 + SPX-WDST8M
 - SPX-WFG02 airCloud home gateway:
 - Hi-Box AHP-SMB-01:
 - Hi Kumo gateway for Hi-Box SPX-TAG01 :
 - Single dry contact kit SPX-WDC3:
 - Single error report kit SPX-WDC7 + HA-S100TSA

