

# 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<sup>(1)</sup>

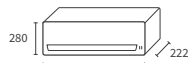
## + APPRAISAL

- **FrostWash technology<sup>(2)</sup>**: 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).

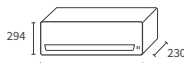
## + COMFORT AT YOUR FINGERTIPS

- 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

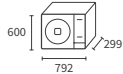


RAK-DJ60RHAE  
RAK-DJ70RHAE

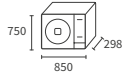
### Outdoor units



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

<sup>(1)</sup> Tests conducted in accordance with JIS L 1922:2024 by Japan Textile Products Quality and Technology Center and BOKEN Quality Evaluation Institute.

<sup>(2)</sup> 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
<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)	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++			
<b>SEER (average climate)</b>	-	7.50			7.00	6.80	6.20
Operating range	°C	-10°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)	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 <sup>(1)</sup>	kW	2.30	3.10	3.90	5.20	4.90	5.20
Full load capacity at -7°C with defrosting <sup>(1)</sup>	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+	
<b>SCOP (average climate)</b>	-	4.60			4.50	4.10	4.00
Operating range	°C	-15°C/+21°C					
<b>Indoor units</b>							
Sound pressure in Cooling mode (very low/low/medium/high/very high speed) <sup>(2)</sup>	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) <sup>(2)</sup>	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 <sup>3</sup> /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 Heating mode (very low/low/medium/high speed)	m <sup>3</sup> /h	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)					
<b>Outdoor units</b>							
Sound pressure Cooling <sup>(2)</sup>	dB(A)	45	47	48	50	53	54
Sound pressure Heating <sup>(2)</sup>	dB(A)	46	48	49	51	54	
Sound power	dB(A)	59	61	62	64	64	67
Airflow (Cooling/Heating)	m <sup>3</sup> /h	1860 / 1620			2160 / 2160	2700 / 2700	
Dimensions (HxWxD)	mm	530 x 660 (720) <sup>(3)</sup> x 278			600 x 792 (877) <sup>(3)</sup> x 299	750 x 850 (956) <sup>(3)</sup> x 298	
Net weight	kg	23.0		24.4	39.1	48.0	
Compressor	-	Rotary			2-cylinder rotary	Rotary	
<b>Cooling properties</b>		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					
<b>Electrical features</b>							
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	mm <sup>2</sup>	1.50 x 2 + GROUND			2.50 x 2 + GROUND		
Indoor/outdoor connection (protected)	mm <sup>2</sup>	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.

#### 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	RAK-DJ18WHAE	RAK-DJ25WHAE	RAK-DJ35WHAE	RAK-DJ50WHAE	RAK-DJ60WHAE	RAK-DJ70WHAE
Price for the entire Indoor + Outdoor unit						

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

