

Specifications

Series		airHome 400					
Model	Indoor Unit		RAK-DJ18PHAE	RAK-DJ25PHAE	RAK-DJ35PHAE	RAK-DJ50PHAE	
	Outdoor Unit		RAC-DJ18PHAE	RAC-DJ25PHAE	RAC-DJ35PHAE	RAC-DJ50PHAE	
CAPACITY & RATING	Nominal Capacity (Min. - Max.)	Cooling	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)
		Heating	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)
	Energy Efficiency	SEER		7.5	7.5	7.5	7
		SCOP		4.6	4.6	4.6	4.6
	Energy Rating (Energy class)	Cooling		A++	A++	A++	A++
		Heating		A++	A++	A++	A++
FEATURES	Heating function	For winter heating		●	●	●	●
	airCloud Home	App for remote control & scheduling		●	●	●	●
	FrostWash	Maintains airflow performance		●	●	●	●
	Mold Guard	Prevents build-up of mold		●	●	●	●
	Smart Eco	Automated power saving					
Air Purification Technologies	Nano Titanium Pre-Filter	Filters large particles					
	Air Purification Filter	ViroSense Z1 filter		●	●	●	●
	FrostWash	automatic self-cleaning		●	●	●	●
	Ionizer	AqtiV-Ion					
TECHNICAL SPECS	Power Supply	V / Phase / Hz		220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz
	Nominal Cooling Power Input (Min. - Max.)	Watts		0.58 (0.25-1.01)	0.70 (0.25 - 1.29)	1.084 (0.25 - 1.46)	1.548 (0.50 - 2.10)
	Nominal Heating Power Input (Min. - Max.)	Watts		0.595 (0.25-0.97)	0.85 (0.25 - 1.25)	1.050 (0.25 - 1.70)	1.617 (0.50 - 2.75)
	Starting Current (cooling/heating)	Amps		3.22/3.51	3.89/4.53	5.38/5.30	7.11/7.42
	Running Current (cooling/heating)	Amps		1.09-4.39 /1.09-4.22	1.09-5.61 /1.09-5.43	1.09-6.35 /1.09-7.39	2.17-9.13 /2.17-11.96
	Operation Range	Cooling	°C	-10°C ~ 46°C	-10°C ~ 46°C	-10°C ~ 46°C	-10°C ~ 46°C
		Heating	°C	-15°C ~ 21°C	-15°C ~ 21°C	-15°C ~ 21°C	-15°C ~ 21°C
	Refrigerant	Type		R32	R32	R32	R32
		Current Amount	kg	0.58	0.58	0.72	0.93
	Compressor Type			Rotary	Rotary	Rotary	2 Cylinder Rotary
	Diameter of Pipes	Liquid	Inch (mm)	1/4" (6.35)	1/4" (6.35)	1/4" (6.35)	1/4" (6.35)
		Gas	Inch (mm)	3/8" (9.52)	3/8" (9.52)	3/8" (9.52)	3/8" (9.52)
	Maximum Pipe Length	m		20	20	20	20
	Maximum Piping Elevation	m		10	10	10	10
	Dehumidification	l / h		1.2	1.4	1.6	2
	Indoor Unit	Dimension (W×H×D)	mm	780×280×222	780×280×222	780×280×222	780×280×222
		Weight	kg	7.7	7.7	7.7	8.4
		Air Flow (Max.)	m ³ / h	545	620	653	663
		Sound Power	dB(A)	51	54	57	60
		Sound Pressure	dB(A)	20/24/30/34/38	20/25/31/36/41	20/28/36/40/44	25/31/37/42/47
Outdoor Unit		Dimension (W×H×D)	mm	660×530×278	660×530×278	660×530×278	792×600×299
	Weight	kg	23	23	24.4	39.1	
	Sound Power	dB(A)	59	61	62	64	
	Sound Pressure	dB(A)	46	48	49	51	