

Specifications

Series			airHome 600					
Model	Indoor Unit		RAK-VJ18PHAE	RAK-VJ25PHAE	RAK-VJ35PHAE	RAK-VJ42PHAE	RAK-VJ50PHAE	
	Outdoor Unit		RAC-VJ18PHAE	RAC-VJ25PHAE	RAC-VJ35PHAE	RAC-VJ42PHAE	RAC-VJ50PHAE	
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)	4.20 (1.70- 5.00)	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)	5.40 (1.7- 6.00)	6.00 (2.2- 7.30)
	Energy Efficiency	SEER		8.5	8.5	8.5	7.5	7.35
		SCOP		4.9	4.9	4.9	4.6	4.6
Energy Rating (Energy class)	Cooling		A+++	A+++	A+++	A++	A++	
	Heating		A++	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	Aq tiv-Ion		●	●	●	●	●
TECHNICAL SPECS	Power Supply	V / Phase / Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz	
	Nominal Cooling Power Input (Min. - Max.)	Watts	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)	
	Nominal Heating Power Input (Min. - Max.)	Watts	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)	
	Starting Current (cooling/heating)	Amps	2.46/2.93	3.08/3.87	4.43/5.11	5.10/5.99	6.69/7.09	
	Running Current (cooling/heating)	Amps	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	
	Operation Range	Cooling	°C	-10°C~ 46°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	-15°C~21°C
	Refrigerant	Type		R32	R32	R32	R32	R32
		Current Amount	kg	0.87	0.87	0.87	1.05	1.05
	Compressor Type			ROTARY	ROTARY	ROTARY	2 Cylinder Rotary	2 Cylinder Rotary
	Diameter of Pipes	Liquid	Inch (mm)	1/4"	1/4"	1/4"	1/4"	1/4"
		Gas	Inch (mm)	3/8"	3/8"	3/8"	1/2"	1/2"
	Maximum Pipe Length	m		20	20	20	20	20
	Maximum Piping Elevation	m		10	10	10	10	10
	Dehumidification	l / h		1.2	1.4	1.6	1.8	2.0
	Indoor Unit	Dimension (W×H×D)	mm	780×280×227	780×280×227	780×280×227	780×280×227	780×280×227
		Weight	kg	8.6	8.6	8.6	8.8	8.8
Air Flow (Max.)		m³ / h	500	550	680	720	750	
Sound Power		dB(A)	51	54	57	60	60	
Sound Pressure		dB(A)	19/22/33/36/38	20/23/34/39/41	26/27/36/42/44	27/31/39/44/46	27/31/39/44/46	
Outdoor Unit	Dimension (W×H×D)	mm	750×548×288	750×548×288	750×548×288	792×600×299	792×600×299	
	Weight	kg	31.6	31.6	31.6	39.5	39.5	
	Sound Power	dB(A)	58	60	61	63	63	
	Sound Pressure	dB(A)	45	47	49	50	50	