

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	Inverter	For energy efficiency		●	●	●	●	●
	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	Stainless 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	220-240V / 1Ph / 50Hz	220-240V / 1Ph / 50Hz
	Nominal Cooling Power Input (Min. - Max.)	Watts	419 (250 - 1010)	549 (250 - 1290)	875 (250 - 1460)	1120 (300 - 1700)	1471 (300 - 2100)	
	Nominal Heating Power Input (Min. - Max.)	Watts	519 (250 - 970)	733 (250 - 1500)	1000 (250 - 1700)	1317 (500 - 2100)	1558 (500 - 2750)	
	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	1/4"	1/4"	1/4"	1/4"	1/4"
		Gas	Inch	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	

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	7.0	
		SCOP		4.6	4.6	4.6	4.5	
	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	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	1/4"	1/4"	1/4"	1/4"	
		Gas	Inch	3/8"	3/8"	3/8"	3/8"	
	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		