

# Effortless comfort with hassle-free controls

## Control your AC from anywhere

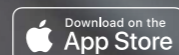
All airHome air conditioners can connect to our next-generation airCloud app via home wifi.

Check and control your air conditioner's status from wherever you are, whenever you need.

You will never worry if you've left the AC on ever again.



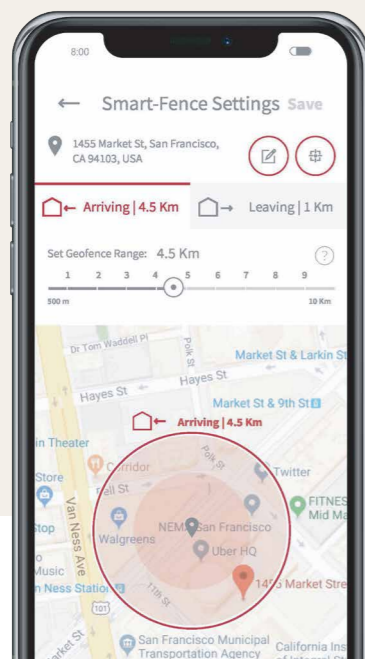
airCloud Home app



## airCloud Home: automatic comfort as you come & go

Link your phone's location to your air conditioner with airCloud Home app's Smart-Fence function. Your air conditioner will heat or cool to your ideal temperature once you reach a preset distance to your home.

As you leave home, you can set your air conditioner to automatically turn off or switch to a more energy-saving temperature.



## More airCloud Home features for better indoor climate control from the convenience of your phone



Turn the air conditioner on/off and set the desired temperature, fan speed and airflow direction.



The **Energy Cost Estimator** enables you to monitor and budget your energy expenditure. Set alerts to notify you as you approach your budget limit.



Program your air conditioning operation with the Simple Timer and/or Weekly Timer.



Pair your account with unlimited air conditioners.



Invite up to 20 users to manage each air conditioner.



Required router supporting 2.4GHz band.

# Specifications

airHome 400

Series		airHome 400							
Model	Indoor Unit	RAK-DJ18PHAE	RAK-DJ25PHAE	RAK-DJ35PHAE	RAK-DJ50PHAE	RAK-DJ60PHAE	RAK-DJ70PHAE		
	Outdoor Unit	RAC-DJ18PHAE	RAC-DJ25PHAE	RAC-DJ35PHAE	RAC-DJ50PHAE	RAC-DJ60PHAE	RAC-DJ70PHAE		
Performance	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)	6.00 (1.75 - 6.80)	7.10 (1.75 - 7.50)
		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)	7.00 (1.75 - 7.80)	8.10 (1.75 - 8.30)
	Energy Efficiency	SEER		7.5	7.5	7.5	7.0	6.8	6.2
		SCOP		4.6	4.6	4.6	4.5	4.1	4.0
Energy Rating (Energy class)	Cooling		A++	A++	A++	A++	A++	A++	
	Heating		A++	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	•	•	•	•	•	•	
Air Purification Technologies	Air Purification Filter	ViroSense Z1 filter	•	•	•	•	•	•	
	FrostWash	automatic selfcleaning	•	•	•	•	•	•	
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	580 (250 - 1010)	700 (250 - 1290)	1084 (250 - 1460)	1548 (500 - 2100)	1813 (500 - 3050)	2628 (500 - 3150)	
	Nominal Heating Power Input (Min. - Max.)	Watts	595 (250 - 970)	850 (250 - 1250)	1050 (250 - 1700)	1617 (500 - 2750)	2000 (500 - 3050)	2611 (500 - 3150)	
	Starting Current (cooling/heating)	Amps	3.22/3.51	3.89/4.53	5.38/5.30	7.11/7.42	9.23/12.05	9.23/12.05	
	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	2.70-13.10 / 2.50-12.50	2.70-14.50 / 2.50-14.50	
	Operation Range	Cooling	°C	-10°C ~ 46°C	-10°C ~ 46°C	-10°C ~ 46°C	-10°C ~ 46°C	-15°C ~ 46°C	-15°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	-15°C ~ 21°C
	Refrigerant	Type		R32	R32	R32	R32	R32 / 675	R32 / 675
		Current Amount	kg	0.58	0.58	0.72	0.93	1.50 / 1.012 (Chargeless)	1.50 / 1.012 (Chargeless)
	Compressor Type		Rotary	Rotary	Rotary	2 Cylinder Rotary	Rotary	Rotary	
	Diameter of Pipes	Liquid	Inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
		Gas	Inch	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"
	Maximum Pipe Length	m	20	20	20	20	30	30	
	Maximum Piping Elevation	m	10	10	10	10	20	20	
Dehumidification	l / h	1.2	1.4	1.6	2.0	2.8	4.8		
Indoor Unit	Dimension (W x H x D)	mm	780 x 280 x 222	780 x 280 x 222	780 x 280 x 222	780 x 280 x 222	950 x 294 x 230	950 x 294 x 230	
	Weight	kg	7.7	7.7	7.7	8.4	11.5	11.5	
	Air Flow (Max.)	m <sup>3</sup> / h	545	620	653	663	1000	1000	
	Sound Power	dB(A)	51	54	57	60	60	62	
Outdoor Unit	Dimension (W x H x D)	mm	660 x 530 x 278	660 x 530 x 278	660 x 530 x 278	792 x 600 x 299	850 x 750 x 298	850 x 750 x 298	
	Weight	kg	23.0	23.0	24.4	39.1	48.0	48.0	
	Sound Power	dB(A)	59	61	62	64	60/64	62/67	
	Sound Pressure	dB(A)	46	48	49	51	54	54	