

Deliver gentle coolness

Delivers energy savings while combating the effects of heat stress.

Nature inspired, Eco-Friendly evaporative cooler.





Cools areas wider and farther out

Provides cool air efficiently and without heat exhaust

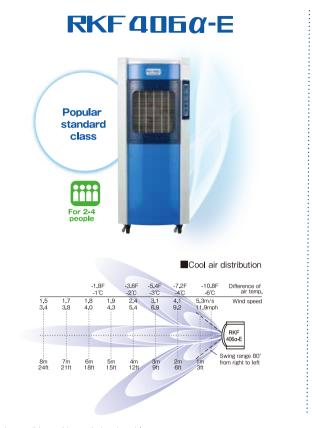
Extended operation with easy maintenance

7 times cheaper to run than a spot air conditioner

Shizuoka Seiki

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RKFseries Specification



The cold wind distribution map is measured under conditions without wind and trouble Power cord length 3 m (all formats)

Model	RKF 506α-A		RKF406α-E			
	50Hz	60Hz	50Hz	60Hz		
Power source	110-120V		220-230V			
Power consumption(W)	335	510	175	245		
Cooling capacity *1(kW)	7.2	8.6	3.5	4.0		
Air flow(Max) *2	130㎡/min.,4,600CFM	150㎡/min.,5,300CFM	105㎡/min.,3,700CFM	116㎡/min.,4,100CFM		
Amount of water evaporation *1	10.2 L/hr,2.7gallons/hr	12.2 L/hr, 3.2 gallons/hr	5 L/hr,1.3gallons/hr	5.6 L/hr, 1.5 gallons/hr		
Tank capacity	50 liters, 13.2gallons					
Continuous operating time *1(Hrs.)	4.8	4.0	10.0	8.9		
Water supply	Water tank with automatic shutoff					
Timer operation	1·4·8 hours					
Safety devices	Fuse, Water shortage detection, Motor overheat protection					
Operation noise(dB(A))	65	68	59	63		
Dimensions(HxWxD)	1,565x673x658 mm, 61.6x26.5x25.9 inch		1,367x550x563 mm, 53.8x21.7x22.2 inch			
Dry weight	74kg, 163 lbs		51kg, 112.3 lbs			

Evaporative Air Cooler Periodic replacement parts

Parts Name	Parts Number	Model	Role	
Cooling element RKF406α-E	50812-201007	RKF406α-E	Evaporate water and	
Cooling element RKF506α-A	50813-201018	RKF506α-A	create cool windCooling element	
Air filter RKF406α-E	50816-201018	RKF406α-E		
Air filter RKF506α-A	50813-201019	RKF506α-A	Take the dirt of the intake air	▲Air filter
Water filter	50805-201005	RKF406α-E RKF506α-A	Take the dirt of the circulating water	Water filter



*1 The above specification is for the inlet air condition at 30°C(86°P) / 50% relative humidity. Air flow measurement by JIS C 9601 Fan air volume calculation method.

After every operation, stop the cooler by Auto-stop operation in order to dry the cooling element. The drying operation lasts for about 20-40 minutes.

Thereafter, operation stops automatically. When used in a narrow closed space, the humidity rises and the cooling performance can not be demonstrated.

Operating ambient temperature is 5°C (41°F) ~ 45°C(113°F).

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Evaporative Air Cooler

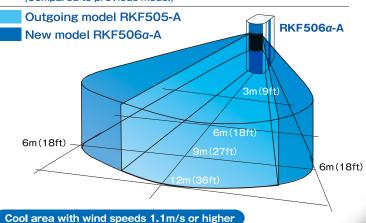
RKF 506α-**A·4**06α-**E**

cooler than ambient temperature

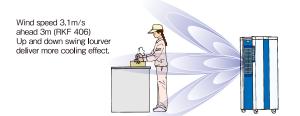
More Effective Cooling!

150% More effective cooling! Wider cooling area with an automatically swinging louver.

(Compared to previous model)



RKF 5□6 (7-P) In the area of 6m(18ft) left and right 9m(27ft) ahead **RKF4060** In the area of 3m (9ft) left and right 6m(18ft) ahead



Adjustable intensity

Select between high, middle, or low intensity with a convenient one touch button.



Supplying water becomes much easier!

There are three ways to supply water.

Simply pull out the tank lid to be used as a funnel.

> (1) Slide out the lid of water tank and use it as a water supply tray.



Two ways to connect a hose to the water tank

(2) Hose can be routed through the tank inlet port on the top of the tank.





\mathbf{Q} Simple and Easy Maintenance.

4~6 people

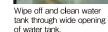
Water tank can be cleaned with little effort.

Circulating water could collect dust and debris, thus periodic









Water refreshener tablet included with unit

Water refreshener tablet suppresses unplesant odors from the water for up to 30 days.

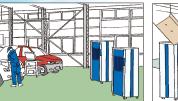


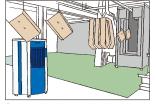


Water refreshener tablet tablet into a tank filter bag. RKF506 α -A

Great success in various markets according to size and application.

An efficient way to combat heat exhaustion and cool parts during manufacturing.









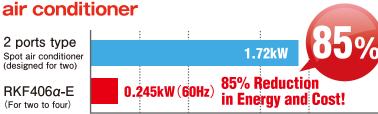
Measures against heat of various factories Cooling painted parts and various parts.

Measures against heat exhaustion such as at driving ranges.

Measures against heat exhaustion during

Comparison of power consumption

When compared to a Two-port spot





CO₂ reduction



Economical

Low consumption contributes to CO2 reduction. Save on power bills.

Safety and Easy control

Cool air outlet is covered with mesh guard to prevent possible injury.

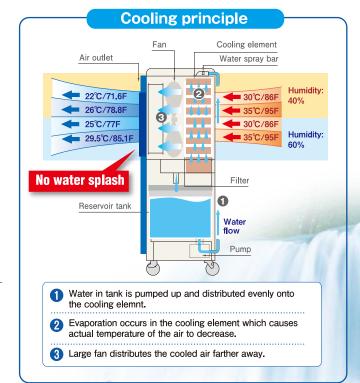


Easy handling: Wheels make

moving cooler just as easy.







Added new feature for alpha model.

Water tray was added to prevent drips when the tank is detached. Maintenance notification



features The cooler automatically notifies the user to perform

any maintenance by



Easy replacement of cooling element

Periodic replacement of the cooling element is necessary for clean operation. No tools are required for this operation. A phillips-head screwdriver is required only on the RKF406 α -E

Maintenance note:

The manufacturer suggests changing the cooling element every 1-2 years for extended clean operation.

