



# Evaporative Air Cooler RKF 506α-A·406α-E

5°C (9°F) cooler than ambient temperature

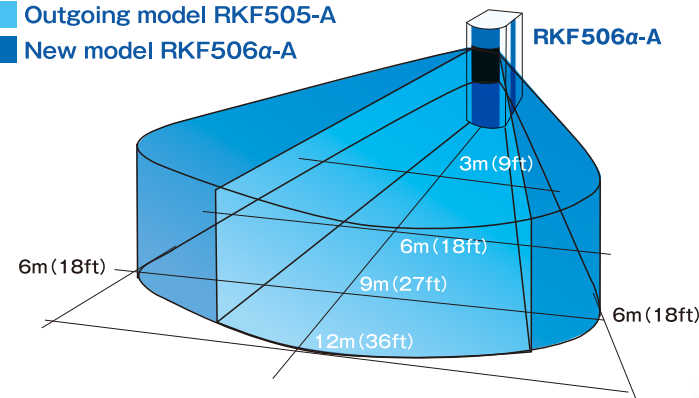
## 150% More Effective Cooling!

(Compared to previous model)

### 1 150% More effective cooling! Wider cooling area with an automatically swinging louver.

(Compared to previous model)

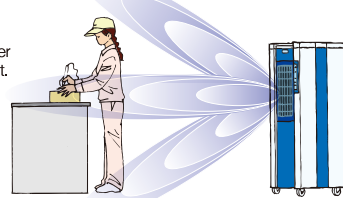
Outgoing model RKF505-A  
New model RKF506α-A



Cool area with wind speeds 1.1m/s or higher

**RKF 506α-A** In the area of 6m (18ft) left and right 9m(27ft) ahead  
**RKF 406α-E** In the area of 3m (9ft) left and right 6m(18ft) ahead

Wind speed 3.1m/s ahead 3m (RKF 406)  
Up and down swing louver deliver more cooling effect.



### Adjustable intensity

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



## 2 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.



The edge of the tank lid is designed to support weight during fills.

### 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.  
(3) For autonomous start/stop, connect hose to auto-supply valve.



## 3 Simple and Easy Maintenance.

### Water tank can be cleaned with little effort.

Circulating water could collect dust and debris, thus periodic cleaning of the tank is necessary.



Remove the water supply quick connect fitting.



Pull out water tank.



Wipe off and clean water tank through wide opening of water tank.

### Water refreshener tablet included with unit

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



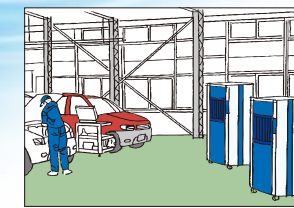
Place water refreshener tablet into a tank filter bag.



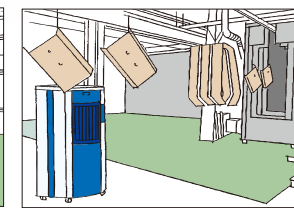
Water refreshener tablet RKF506α-A

## Great success in various markets according to size and application.

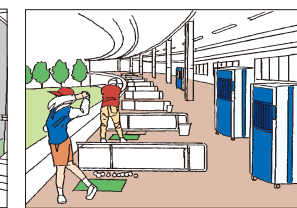
An efficient way to combat heat exhaustion and cool parts during manufacturing.



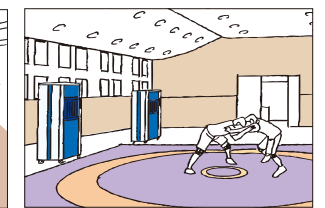
Measures against heat of various factories such as automobile maintenance.



Cooling painted parts and various parts.



Measures against heat exhaustion such as at driving ranges.



Measures against heat exhaustion during sports activities.



Approximately 4~6 people

Approximately 2~4 people



## Comparison of power consumption

When compared to a Two-port spot air conditioner

2 ports type Spot air conditioner (designed for two)

1.72kW

85%

RKF406α-E (For two to four)

0.245kW (60Hz) 85% Reduction in Energy and Cost!



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.



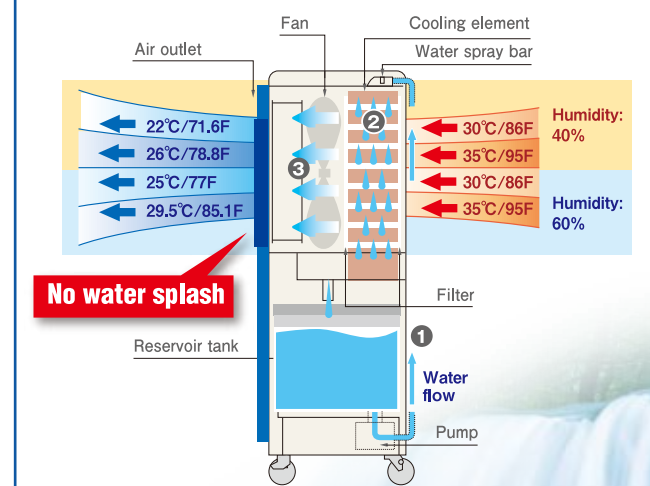
Easy handling: Wheels make moving cooler just as easy.

### Built-in off timer sets as default.



OFF Timer Automatically turns off from 1, 4, and 8 hours, Saving More Energy, and cutting cost.

### Cooling principle



- 1 Water in tank is pumped up and distributed evenly onto the cooling element.
- 2 Evaporation occurs in the cooling element which causes actual temperature of the air to decrease.
- 3 Large fan distributes the cooled air farther away.

### Added new feature for alpha model.

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



NEW

### Maintenance notification features

The cooler automatically notifies the user to perform any maintenance by manufacturer's recommendation. **NEW**

### 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 RKF406α-E.

### Maintenance note:

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

