



## CO<sub>2</sub> Reducing Cooler

Green Energy-saving Natural

## Evaporative Air Cooler

**RKF** series  
505-A·405-E

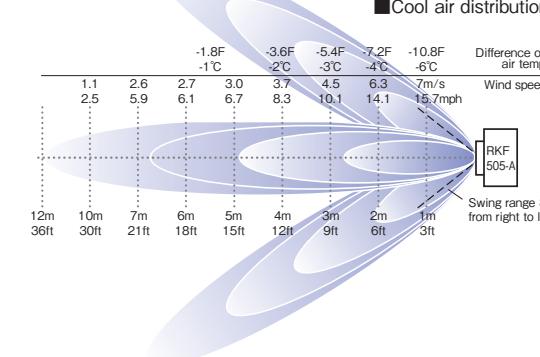


**Shizuoka Seiki**

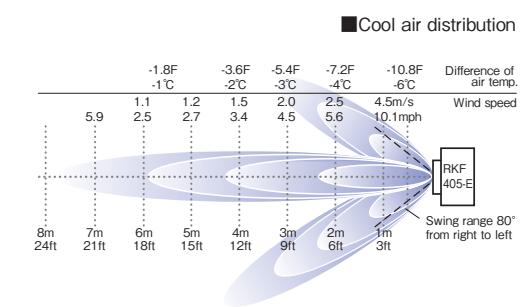
**RKF** series  
505-A·405-E



**RKF 505-A**



**RKF 405-E**



### Specifications

Model	RKF505-A	RKF405-E
Power source	110-120V 50/60Hz	220-230V 50/60Hz
Power consumption (W)	360/520	175/235
Cooling capacity *1 (kW)	7.2/8.6	3.5/4.0
Air flow (Max)	130 m <sup>3</sup> /min., 4,600 CFM/150 m <sup>3</sup> /min., 5,300 CFM	105 m <sup>3</sup> /min., 3,700 CFM/116 m <sup>3</sup> /min., 4,100 CFM
Amount of water evaporation *1	10.2 liters, 2.7 gallons/12.2 liters, 3.2 gallons	5 liters, 1.4 gallons/5.6 liters, 1.5 gallons
Tank capacity	50 liters, 13.2 gallons	
Continuous operating time *1 (Hrs.)	4.8/4.0	10.0/8.9
Safety devices	Fuse, Water shortage detection, Motor overheat protection	
Operation noise (dB(A))	65/68	59/63
Dimensions (H×W×D)	1,565×680×655 mm 61.6×26.8×25.8 inch	1,368×562×563 mm 53.9×22.2×22.2 inch
Dry weight	78 kg, 172.0 lbs	47 kg, 103.7 lbs

\*1 The above specifications are derived when the temperature of air at inlet is 30°C(86F) and its relative humidity is 50%.



### Caution

• 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.  
• Operating this cooler in closed area may result in the increase of humidity. This may then cause not only decreased cooling effect but rust with other equipments or materials.

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## Evaporative Air Cooler



Green Energy-saving Natural

### Cool air by water evaporation

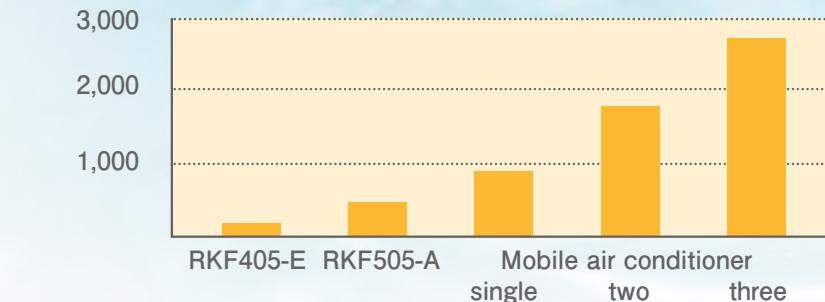
RKF Series has adopted the natural cooling phenomenon from a waterfall and applied it to its cooler which creates a comfortable working environment. Cooling air by vaporizing water, this vaporization cooling system emits no heat exhaust, is earth friendly and health-oriented.

#### Economic efficiency

##### Comparison of power consumption

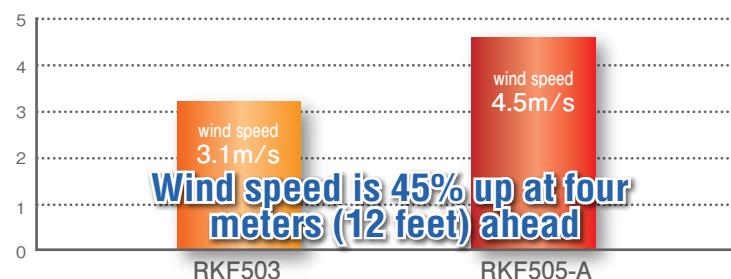


##### Power consumption (W)

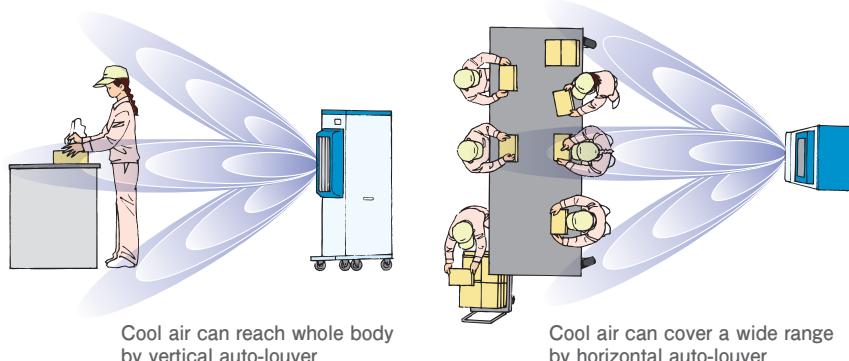


##### Increased feeling of coolness by increased wind speed

Sensible body temperature is decreased by the increase in wind speed.



##### Horizontal and vertical auto-louvers



**NEW**  
**RKF 505-A**



##### Enhanced safety

This wire mesh prevents accidental insertion of fingers or objects.

##### Easy water supply

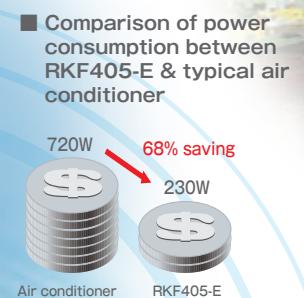
Water tank is easily filled with water via a hose. Auto water supply can be chosen as well.



#### Energy saving

##### Power consumption

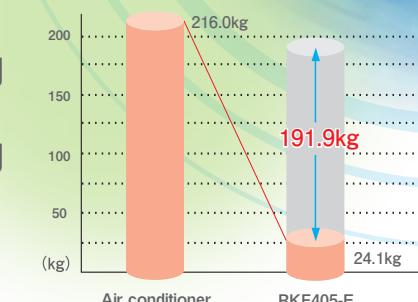
- RKF505-A..... 520W(120V, 60Hz)
- RKF405-E..... 230W (230V, 50Hz)



#### Contributes to the reduction of CO<sub>2</sub>

##### Global greenhouse gas (GHG) emission per month

- RKF505-A ..... 49.2kg
- RKF405-E ..... 24.1kg



**RKF**

#### No heat from exhaust



RKF never emits exhaust heat unlike an air conditioner because RKF is not equipped with a compressor.

#### Easy operation and maintenance

##### Easy transport

Equipped with casters for easy moving



##### Easy cleaning for water tank



Water tank is easily taken out by releasing joint connectors. Water tank is easy to clean due to its large hole.

##### Adjustable speeds

Easy touch button selector for high, medium or low air volumes



##### Drying mode for cooling element

After every operation, cooling element is dried using the Auto-stop operation. This helps to keep the cooler clean

#### RKF provide superior performance more when the outside temperature is high

