

**Cool & Comfortable**

**Energy-saving & Environment-friendly**

- Reliable quality
- Larger airflow and wider cooling area
- Excellent cooling efficiency
- Automatic swing
- 3 types of wind bring more comfort
- 55L water storage
- Energy-saving, environment-friendly
- Easy to use, easy to clean and maintain

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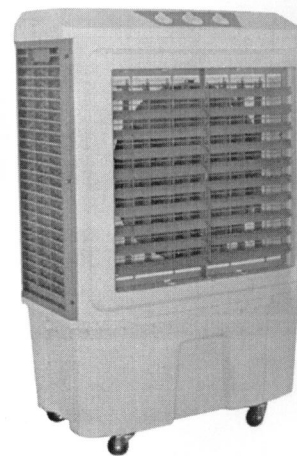
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**4-IN-1** • AIR-COOLER • AIR-CLEANER  
**FUNCTION** • HUMIDIFIER • FAN

## Portable Evaporative Air Cooler **AIRMAX AC-1L**



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## AIRMAX AC-1L PREFACE

Thank you for choosing IWATA portable evaporative air cooler AIRMAX AC-1L

This manual provides you with detailed information of evaporative air cooler AIRMAX AC-1L

, including technical data, product feature, operation instruction, cleaning, maintenance and troubleshooting, etc. Please read it carefully before operation.

We believe that cooling and fresh air of our portable evaporative air cooler AIRMAX AC-1L will give you comfort and better health.

### Package

Portable evaporative air cooler AIRMAX AC-1L 1 PC

User manual 1 PC



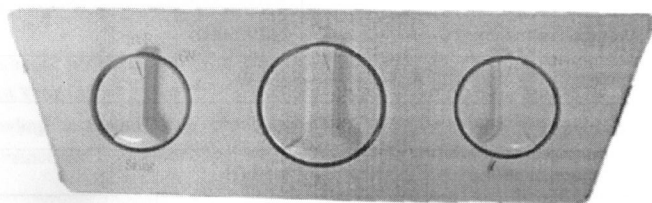
## AIRMAX AC-1L TECHNICAL SPECIFICATION

Model	AIRMAX AC-1L
Max. airflow	5,000 M <sup>3</sup> /H
Voltage/Frequency	220V/60HZ
Power	250 W
Fan type	Axial
Water consumption	4-5 L/H
Water storage	45 L
Dimension	680×425×1050 MM
Net weight	17.5 KG
Cooling capacity	30-50 M <sup>2</sup>
Climate	T

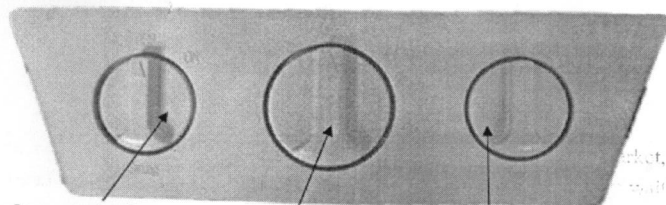
## AIRMAX AC-1L FEATURE

- Reliable quality
- Larger airflow and wider cooling area
- Excellent cooling efficiency
- Automatic swing
- 3 types of wind bring more comfort
- 45 L water storage
- Energy-saving, environment-friendly
- Easy to use, easy to clean and maintain

## AIRMAX AC-1L CONTROL PANEL



## AIRMAX AC-1L CONTROL PANEL OPERATION



Swing control

Fan control

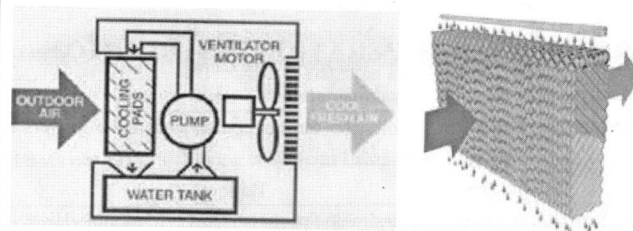
Pump control

## AIRMAX AC-1L BASIC PRINCIPLE

Have you ever wondered why you feel cooler by the sea? This is because the hot air is blown over water, causes some of the water evaporate and absorbs the heat. An evaporative air cooler works on the same basic principle.

When the fan runs inside the air cooler, evaporation is created. Fresh air is sucked into the air cooler through the wet cooling pad. As the hot air passes over the wet surface of cooling pad, the water evaporates into the air stream. This moist air absorbs the heat and therefore cools the air.

Evaporative air cooler is a high-tech product, now this type of product is used widely in many countries.



## AIRMAX AC-1L APPLICATION RANGE

- 1- Shopping mall, supermarket, school, company office, dormitory, family living room, public waiting room, workshop, temple, mosque, indoor/outdoor teahouse, coffee bar, restaurant, recreation facilities, etc.
- 2- Industrial fields such as weaving factories, woolen textile factories, silk factories, socks factories, knitwear factories, cotton spinning factories, flax textile factories, garment workshop, leather industries and shoes-making factories; etc.

## AIRMAX AC-1L WARNING



1. All electrical repairs must only be carried out by a suitably qualified electrician, after all power is disconnected.
2. This cooler is not intended for use by children or persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge.
3. Children should be supervised to ensure that they do not play with the appliance.

## AIRMAX AC-1L OPERATION INSTRUCTION

**SWING:** Turn this key to switch on the air cooler, and make louvers swing leftwards and rightwards.

**FAN:** Turn this key to choose desirable fan speed: Low→Medium→High.

**PUMP:** Turn this key to choose pump works or not.

## AIRMAX AC-1L TROUBLESHOOTING

Problem	Possible reason	Solution
Unable to start the fan	Power failure	Check power supply
	Loose switch connection	Check switch connection
	Switch damaged	Replace switch
	Fuse burned out	Replace fuse
Lower or no airflow	Fan damaged	Replace fan
	Cooling pad jammed	Clean cooling pad
	Starting capacitor damaged	Replace capacitor
	Switch damaged	Replace switch
No cooling airflow	Fan stuck	Check fan and its housing
	Water lack	Fill water into tank
	Cooling pad jammed	Clean cooling pad
	Water pump damaged	Replace water pump
	Water pipe drops off	Tighten water pipe
Grill does not swing	Water distributor jammed	Check water distributor
	Swing motor damaged	Replace swing motor
	Swing motor crankshaft drops off	Check swing motor crankshaft
Leak from drainage outlet	Loose drainage cap	Tighten the cap
	Rubber O-ring damaged	Replace O-ring
Water splashes out of grill	Water pipe drops off	Tighten water pipe

**Note :** Please contact our service center or qualified technicians for further inspection if the malfunction is not listed above.



## **AIRMAX AC-1L CLEANING**

To ensure the air cooler deliver fresh and clean air, change the water and the cooling pad Regularly.

### **Cleaning the cooling pad.**

- 1- Remove plug from wall socket.
- 2- Take out cooling pad from air cooler.
- 3- Clean it from inner-side to out-side with common city water.
- 4- Never use any detergent and high pressure water.
- 5- Make sure cooling pad dry before installation.

### **Clean water tank**

- 1- Unscrew the drainage cap and clean the water tank..
- 2- Clean it with mid detergent on a towel and then wash it in water.

### **Cleaning air cooler casing and inner parts**

- 1- Clean the casing with mild soap and soft clean cloth.
- 2- Never use chemical detergent, it maybe causes damage to the surface of air cooler.
- 3- Wash off dirt on water pump and float valve.

### **NOTE:**

Empty and dry water tank if air cooler is not used for long time.