

Warranty card

Warranty description

We have the following-up service of our products, one year warranty period for free maintenance. After the warranty period, we will provide the maintenance fee service and lifelong maintenance service to the users. The maintenance fee service includes: the maintenance service after the warranty period; the maintenance service for repairing the fault which is not in the scope of maintenance fee service. If needs repairing, please contact the dealer or head office.

The exceptions are as below:

1. Changing the exchanger of the evaporation (except for a quality problem);
2. Malfunctions or damage caused by the users when the users change the original components of the internal machine.
3. Malfunctions or damage caused by an unsuitable environment of the user, such as the instability of the voltage, water containing impurities, or the serious pollution of outside air quality, etc.
4. Malfunctions or damage caused by "Force Majeure" (extraordinary events or circumstances beyond the control of the parties, such as a war, strike, riot, crime, or an event described by the legal term "act of God" (e.g.: flooding, earthquake, volcano).
5. Malfunctions or damage caused by the faulty installation.
6. Malfunctions or damage caused by lack of maintaining.
7. Malfunctions or damage caused by lack of maintaining the unit properly, such as obstructing the evaporative exchanger and dust screens, not replacing burnt fuses, using a faulty fan, using faulty electrical connections, etc.
8. Any other negligent acts by the user that damages the unit.

User's information

Model: _____ Bar code: _____

User name: _____

Tel: _____ Contact person: _____

Address: _____

Dealer: _____ Contact person: _____

Tel: _____ Purchase date: _____

Address: _____

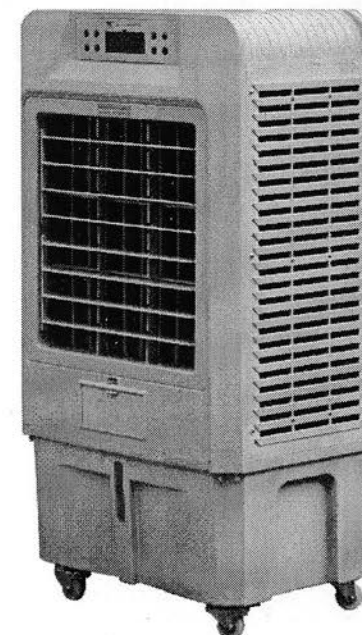


◎ Instruction Manual ◎

Please read this instruction manual carefully before using

Evaporative Air Cooler

Model: AIRBLASTER 6



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Safety Instruction

1. Do not put your hand or other stuff in the air outlet of the operation machine. otherwise, it may cause injury.
2. Do not place heavy object on the unit, keep child away from the unit.
3. Do not put gas cooker in the place which the unit can blow directly. Otherwise, it may cause carbon monoxide poisoning.
4. Do not disassemble or modify the unit since the wrong operation may cause water leakage, fire or electric shock.
5. Do not install the unit where there is inflammable and explosive gas, if there's leakage of gas in different directions around the unit, it could easily cause fire.
6. When not using the unit for a long time, please drain the water tank of all the water. Then keep the unit operating in fan mode for 10 minutes to dry the cooling pad, then turn off the power switch.
7. This unit must have a reliable earth wire connection. If the earth wire is connected with the unit incorrectly, it may cause electric shock or fire.

Product brief introduction

Evaporative air cooler has the following advantages:

Energy saving: compared with the traditional conditioner, the energy saving can reach above 80%.

Environmental protection: when running, it will not emit harmful substances to the outside and non-freon.

Efficient: The minimum energy produce the largest refrigeration purifying effect.

Evaporative air cooler is the combination of Asia's climatic conditions and the development of a new generation of products, suitable for use in most parts of Asia. The product uses a new generation of fan blade, high rotation speed, large airflow and good effect.

Its working theory is the fresh air high-pressure water gasify in a short period, a large number endothermic theory, research and development, design and manufacture. energy-saving air conditioning products, new technology. When work, water pump pumps the clean water in the water tank, through water distributor water-uniformly distributed to the special textile imports manufacturing evaporative heat exchanger, and the large flow of centrifugal fan rotation make fresh outdoor air to a very high rate of heat transfer through evaporative heat exchanger.

Main parameter

Model	AIRBLASTER 6
Max.air flow	6000 m ³ /h
Voltage/Frequency	220V-60Hz
Working current	1 A
Power	220W
Motor Protection Grade	F
Fan type	Axial fan
Water capacity(L)	50L
Dimension(mm)	1160X640X440
Net weight(KG)	30kg
Applicable area(m ²)	20~35
Wind speed	3 /
Noise(dB)	≤58dB
Water consumption(L/h)	5-10L/h

Applicable range

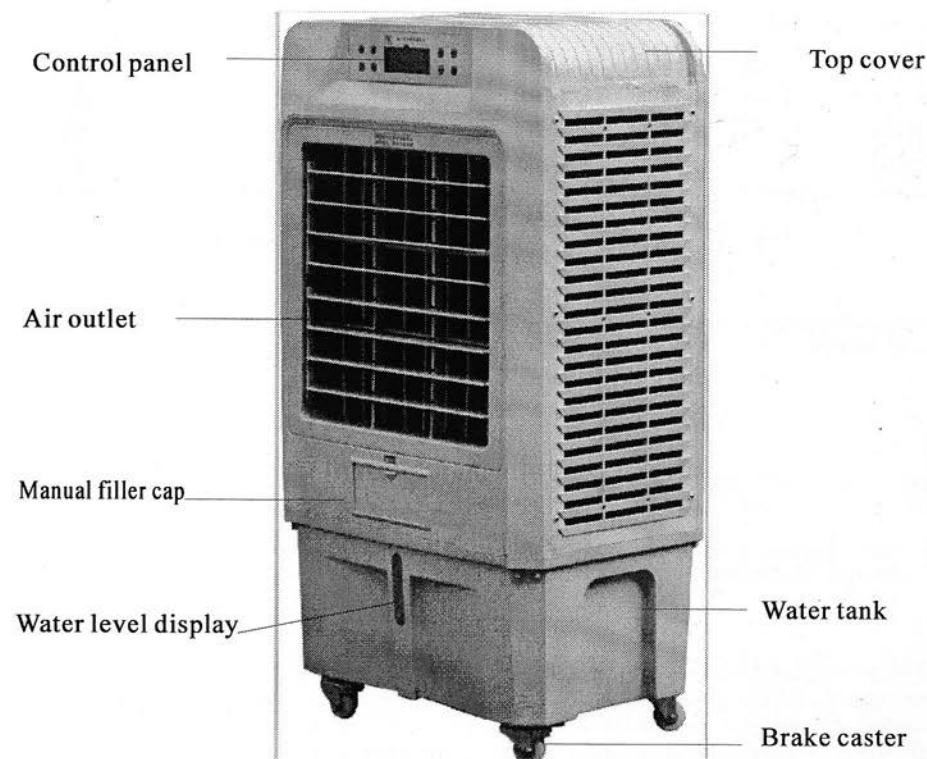
Due to the features of evaporative air cooler,like cooling,humidifying,air exchanging,it's mainly applicable for the places need to be cooling and ventilating,like:

- 1.Electronic,shoes,printworks,plastic,clothes,printing,packing factories,etc.
- 2.Textile,machine,ceramics,chemicals,glasses,hardware,leather factories,etc.
- 3.Hospital,school,waiting room,internet bar,shopping mall,supermarkets,etc.
- 4.Some public places like kitchen,vegetable market,clubs,parking lot,bus station,etc.
- 5.Greenhouses,flowers and fowl farm,etc.
- 6.The room which has requirements of high humidifying.

Environmental conditions

- 1.Ambient temp: 2 ~ 45 ;
- 2.Ambient humidity: ≤90% ;
- 3.Water should be processed with softening,water temp. 0 ~ 45, water pressure 0.15~0.6Mpa ;
- 4.Input voltage should be within 10% of rated voltage ;
- 5.No corrosive gas around ;
- 6.No inflammable,explosive gas or inflammable,explosive powder around.

Brief diagram of structure



AIRBLASTER 6 Structural drawing

Using cautions

To prevent injury to the user or other people or property damage, the following instructions must be followed:

△ This symbol indicates-- "CAUTION"

⊘ This symbol indicates-- "NEVER DO THIS"

❗ This symbol indicates-- "ALWAYS DO THIS"

Only authorized service technician are allowed for repair or maintenance.



Prohibit detaching

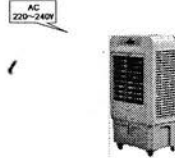


It may cause fire or injury.

Please keep the unit operating in AC 220V±10%.

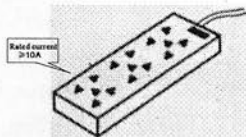


Forbid



It may cause fire or electric shock.

Before operating, please make sure the rated current of socket is above 10A!



Please keep away from using the same socket with other machines. It may cause fire.

Always ensure effective earthing.

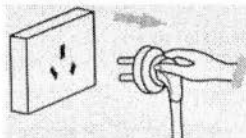


Earthing



Incorrect earthing may cause electric shock.

When pull the power plug, please seize the front of the power plug parts, rather than seizing the power cord. Operating with wet hands is strictly prohibited.

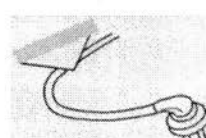


It may cause electric shock or fire.

Do not modify the power cord. Do not place heavy object on the power cord. If the power cord damage, please replace the power cord immediately.

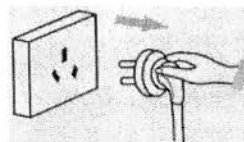


Forbid



It may cause electric shock or fire.

Make sure to unplug the power plug from stock when cleaning the water tank and cooling pad, moving the machine or long time non-use.



May get an electric shock and injury.

The power cord of this machine damage, in order to avoid the risk, must be designated by the factory maintenance or similar to be replacement of full-time staff.



Easily to occur negative effect.

Use 0.15~0.6MPa water pressure! No longer exceed 45°C temperature.



forbid



May be cooling pad dissolved and plastic product deformation, damage and affect the performance.

Please do not insert air inlet with foreign body; do not let the children be close to operation unit; and can not let the children penetrate sundries into unit.



forbid



Can let the children penetrate into unit protecting with hands and sundries.

△ This machine applied to indoor use.

⊘ No using in the environment of explosive and flammable materials.

△ Keep the unit working in a flat place.

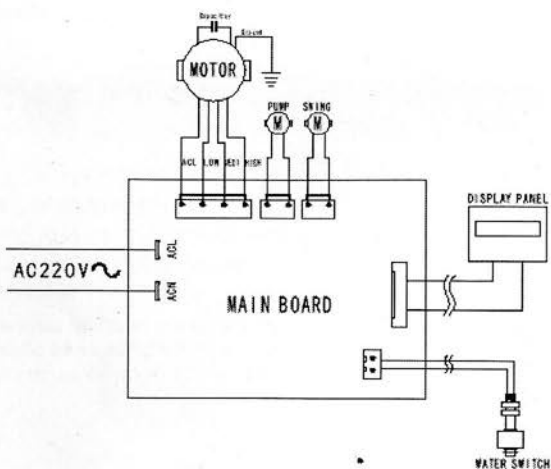
△ Make the air outlet & inlet not close to wall, curtain, etc., it may affect the performance.

△ Do not let the machine be closed to wall, curtain and other material, or it will block up the airflow and air supply effect.

△ Only authorized service technician are allowed for repair or maintenance.

⊗ Don't random discard the parts of that machine. Prohibited to throw it into dustbin.

Schematic circuit diagram



Installation

1. Open the package, and put the machine on the flat floor.
2. Please check whether all parts are in the packing bag or not.
3. Add the clean water into the water tank, but please don't let the water over the high (H) water level.
4. Before operating, please check whether the parameters of power are same as the machine's.
5. Plug the power, press "power" button on the control panel, choose the appropriate wind speed position, that can run the air cooler.

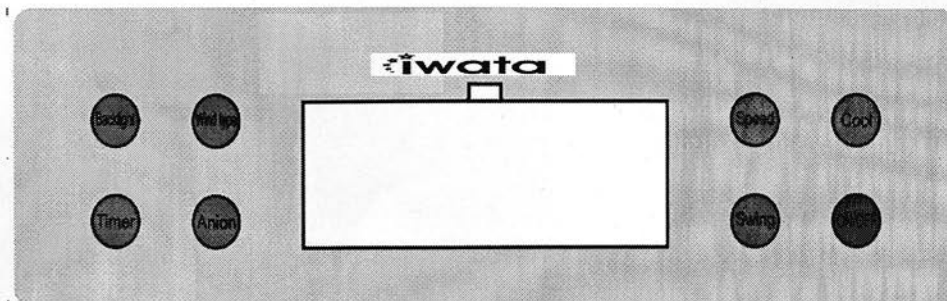
Attention:

- Don't insert or extract the plug with wet hands. It may cause the electric shock.
- When moving the machine, unplug the power plug.
- Insert a plug into power socket, and to ensure good contact.
- Access to power, the machine is in standby state, press the control panel "power" button, evaporative air cooler running.
- Don't put the leakage protector on the place near the water. If that protector is soaked, please clean it completely. and keep on using until make sure it is OK.

Warm suggestion: After the installation, please keep this instruction book and packing case for future use.

Brief introduction of control panel

The buttons display that: Backlight button, Wind type button, Speed button, Cool button, Timer button, Anion button, Swing button and ON/OFF button.

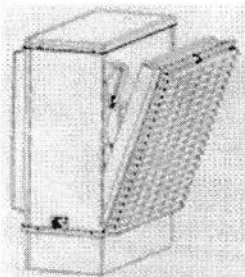


Operating instruction

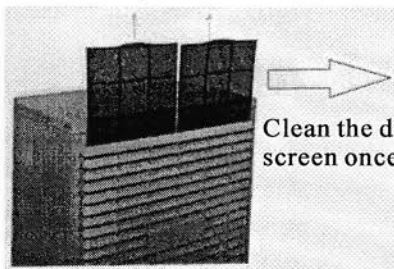
1. When power on, press the reset key in the earth leakage protective device. If the power light is lighting, the power source of machine is working well. (Remark: Please testing the earth leakage protective device at regular time, if it broken, please replace it.)
2. ON/OFF button: at the first start-up, the default is medium wind speed and swing start-up, and then turn on: start-up according to the wind speed setting, swing according to the setting starting-up; Turn off: turn off the machine.
3. Cooling button: in the condition fo low water level, start up the machine according to its setting, if you don't turn on the water pump, the alarm light will flash and an audible alarm will sound for 15 times. then stop for 30 seconds. Then the flashing alarm and audible alarm repeats 15 times and the alarm will keep on. In the condition of high water level, turn on the water pump first, and it will flash according to the setting of wind speed light and swing light. After 30 seconds, turn on the machine according to the setting of wind speed swing.
4. Wind speed button: Adjust the wind speed of the motor (high speed-medium speed-low speed).
5. Swing button: Controls the swing of starting and closing, when the machine stopping, the swing button will be locked.

Washing and maintenance

◆Clean the cooling pad and filter screen

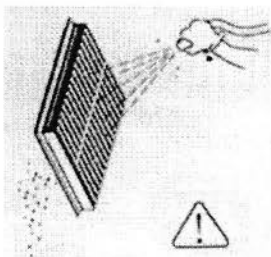


Hold up the filter screen



Clean the dust filter screen once every week.

Unplug the power plug, use a screwdriver to screw off 6 screws from air-inlet grille upper, hold the upper of cooling pad, haul cooling pad out (tote up a little, Detach off the cooling pad).



Attention:

When washing hydraulic pressure can not be too high, do not use acid or alkaline cleaning detergent to wash the cooling pad.

◆Clean the water tank

Cleaning method:

1. Pull the power plug, screw out the screws of the upper part of grille, take off air-inlet shutter grille.
2. Manually reverse drainage ball valve.
3. Clean the batholith with a soft cloth or brush.
4. Wash the dirt on the water level control sensor with a small wet cloth.
5. Clean the dirt on the water pump and filter screen.
6. After washing, tighten up the drain plug.

◆Clean the Cabinet

Clean with moderate and soft cloth. (Do not use a bubble of cleaning fluid, volatile solvents or hard cleaning brush for cleaning, the wrong method of cleaning will result on equipment damage or accident.)

General failure and solution

Problem	Possible causes	Solution
Air cooler does not start	<ol style="list-style-type: none"> 1. The air cooler is unplugged 2. Switch button does not work 3. Lack of phase 4. Too low voltage 	<ol style="list-style-type: none"> 1. Check the power 2. Replace the main control board 3. Check the phase 4. Check the voltage
Fuse blown frequent	<ol style="list-style-type: none"> 1. Submersible pump broken 2. Drainage pump broken 3. Fault from the motor of swing system 	<ol style="list-style-type: none"> 1. Replace the pump 2. Replace the pump 3. Replace the motor of swing system
Water leakage	<ol style="list-style-type: none"> 1. This machine not in a flat place 2. Water tank leakage 3. Water outlet assy broken 4. Water inlet assy broken 5. Water level exceed 6. Water distribute assy broken 7. Dirty cooling pads 	<ol style="list-style-type: none"> 1. Keep the machine in a flat place 2. Repair the water tank 3. Replace the water outlet assy 4. Replace the water inlet assy 5. Adjust the float ball 6. Check the water distribute assy 7. Cleaning the pads
Noise	<ol style="list-style-type: none"> 1. Fan blades damaged or out of shape 2. Motor abrasive 3. There sundries block the air outlet 	<ol style="list-style-type: none"> 1. Replace the blades 2. Replace the motor 3. Clean the blocks
No wind or too low wind	<ol style="list-style-type: none"> 1. Blocking on the cooling pad or filter 2. Control panel damage 3. Main control board damage 4. Motor no working 5. Lack of phase on motor 	<ol style="list-style-type: none"> 1. Clean or replace pads or filter 2. Replace the control panel 3. Replace the main control board 3. Check if motor damage or not 4. Check the phase
Air cooler doesn't cool as it should	<ol style="list-style-type: none"> 1. Lack of water 2. Failure on water control system 3. Drainage pump damaged 4. Cooling button no working 5. Main control board broken 	<ol style="list-style-type: none"> 1. Add water 2. Check water level sensor 3. Replace the drainage pump 4. Replace main control board 5. Replace main control board
White precipitate in cabinet and filter	<ol style="list-style-type: none"> 1. Mineral substance exceed normal rate 	<ol style="list-style-type: none"> 1. Increase draining rate and let water soften