

Evaporative Air cooler

Manual

Forward

Thank you for your trust and support for choosing our Evaporative Air Cooler.

The appearance of the air cooler you are using may not be the same as the one in this manual. But it does not influence your operation and use. For you can use this air cooler more efficiently, please read this manual carefully before using it.

● Precautions

Please read it carefully before operation.

- Be sure to prevent it from any source of fire.
- Power lines and control lines should be connected correctly. Notice that earth line's section is at least 1.5mm², and do not share socket.
- Try to make voltage within $\pm 10V$. For air cooler will not start or be on and off repeatedly if the voltage is too low, and it could easily be damaged if being.

● Working Principle

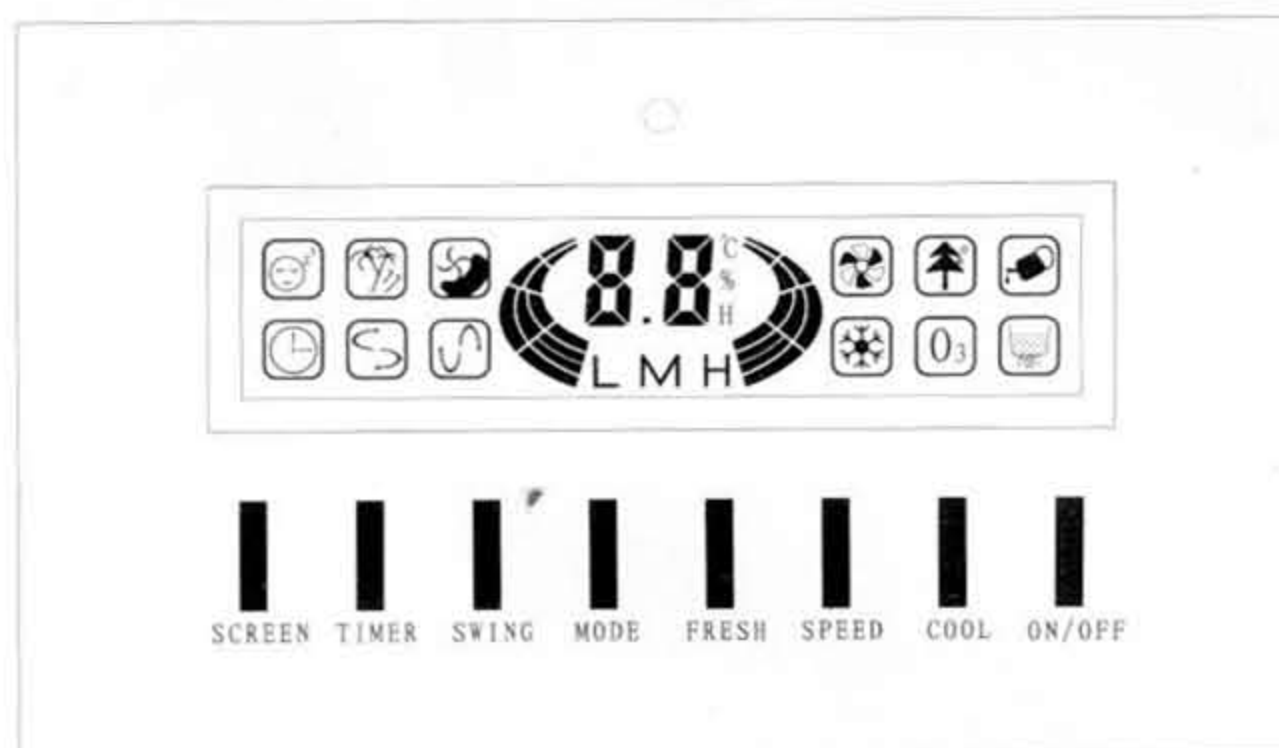
The evaporative air cooler cools the air through water evaporation. Its working principle is: circulating pump continuously suck water from the tank, and distribute water equably to cooling pads by water distributor, then water on cooling pads effects with the outside air and evaporate to drop the temperature. Thus we have fresh, cool and clean air.

● Application Areas

- Living places such as the staff dormitory, drawing room, kitchen, dining room.
- Public places such as office, meeting room, class room, church, and auditorium.
- Business places such as open type store, supermarket, restaurant.
- Outdoor activity places or, places that has heating equipment.
- Entertaining places.

Guide for how to using the cooler

•Instruction for using control system



Standby: When power on with buzzing, then it's in the state of Standby. On LCD shows temperature while up-down grilles are closed.

In first electricity of power resupplied after switch off, up-down grilles will be closed. All operation can't be valid until 15 seconds later.

ON/OFF: Press ON/OFF or while the cooler is standby to start the cooler. And the up-down grilles will open. The mode and the wind speed will followed the last state. For the first operation, the wind speed is 2-speed, standard wind and in cool mode acquiescently. And the LCD show the corresponding dynamic icon.

While working, press ON/OFF or the cooler will continue to work for 10 seconds in vent mode, and then the fan will stop. Finally the up-down grilles closed and the cooler is into Standby mode.

COOL/VENT: Press COOL or to convert between cool and vent. In Cool mode, the cooler will keep a loud buzzer for 2 seconds when flashes. It means it's time to add water. Adding water until the floater valve floats, and extinguished the cooler keep a loud buzzer for a short sound.

FAN SPEED: Press SPEED or to adjust fan speed. The switching sequence of convents fan speed is low speed-medium speed-high speed-low speed.

WIND :Press MODE or to choose wind mode. It changes in turn of stand wind-natural wind-sleeping wind.

(1) : Standard wind: the cooler works as the fan speed.

(2) : Natural wind: fan speed works irregularly and monitor the natural wind. In the help with SPEED key, strong, medium and low natural wind can be choose.

(3) : Sleeping wind: after getting to sleep, temperature of our body will decrease. Fan speed will decrease as below:

A、 In high speed, the cooler will still work in high speed for 30 minutes, then works in medium speed for 30 minutes and then turn to low speed.

B、 In medium speed, the cooler will still work in middle speed for 30 minutes then turn to works in low speed.

C、 In low speed, the cooler will continue to work in low speed.

Swing: Press SWING and to turn on/off swing function.























(1) Press SWING once to turn on left-right swing.

(2) Press SWING twice to turn off left-right swing and turn on un-down swing.

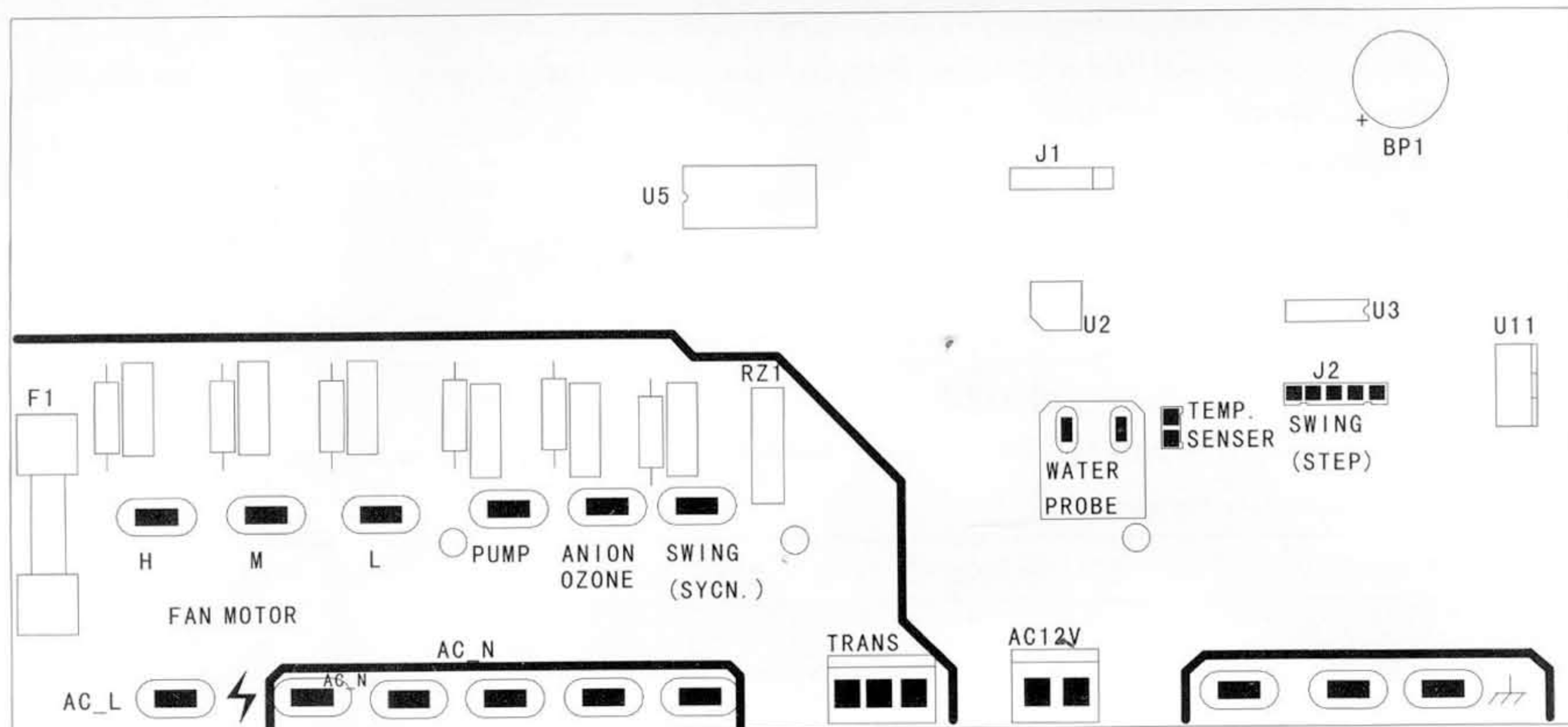
(3) Press SWING for three times to turn off up-down swing.

(4) Press SWING for four times to turn on both left-right and up-down swing.

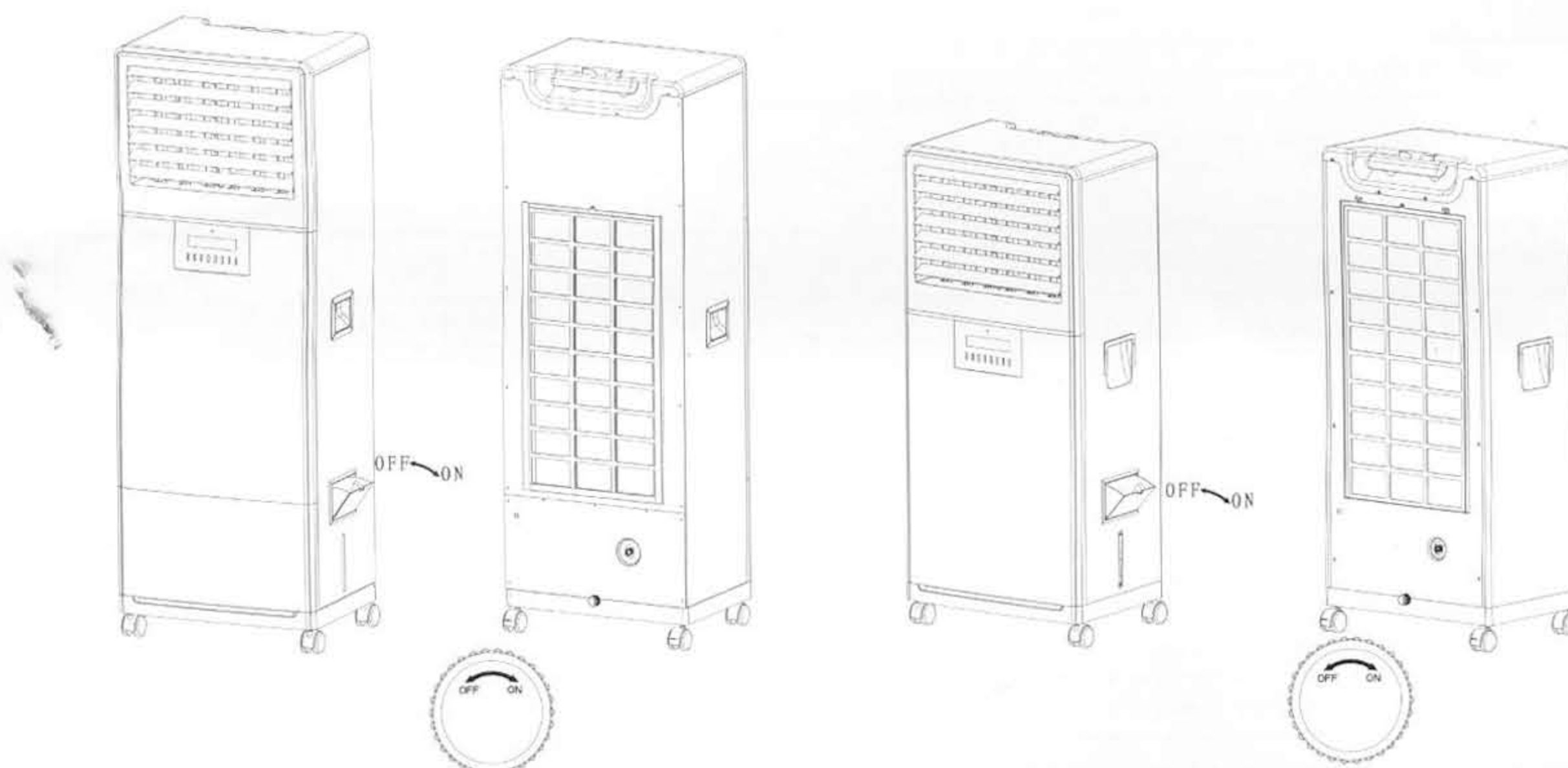
(5) Press SWING for five times to turn off both left-right and up-down swing.

Anion/Ozone: Press FRESH or  to turn on/off anion/ozone function.
<p>Timer : Timing function or  is used to setting auto-on and auto-off. The unit of time-setting is hour. From the time you do the setting, the cooler will auto-on and off after the hour you setting. While the cooler is under standby state, it implements auto-on; contrarily while the cooler is under operation state, it implements auto-off.</p> <p>Press Timer the indicator light of TIMER will twinkle. Then press SPEED to set time. The Time can be set between 0-24 hours. Then press TIMER again to save the setting.</p> <p>How to cancel the timer setting:</p> <ol style="list-style-type: none"> Set the time as 00. Press ON/OFF when  twinkles. Press ON/OFF twice when  twinkles. It means restart cooler.
<p>Pre-cooling: In standby mode, press COOL or  for 3 seconds. Then press SPEED or  to set pre-cooling time. The pre-cooling time is between 0-4 minutes. 0 minutes means turn off pre-cooling function. After time is set press COOL or  again to save the operation.</p>
Backlight: In standby mode or working mode, press SCREEN or  to turn on/off the back light.
●Icon Instuction
 : Remote receiver.
 : Start Icon. The speed of dynamic display depends on the wind speed.
 : Vent Icon. It shows in vent mode.
 : Cool Icon. It shows in cool mode.
 : Anion Icon. It shows when anion function works.
 : Ozone Icon. It shows when ozone function works.
 : Hydropenic icon. It shows when water is lack.
 : Clean icon, or reserved;
 : Standard wind icon. It shows in standard wind mode.
 : Natural wind icon. It shows in natural wind mode.
 : Sleeping wind icon. It shows in sleeping wind mode.
 : Up-down swing icon. It shows when up-down swing works.
 : Left-right swing icon. It shows when left-right swing works.
 : Timer icon. It shows when the time to start/off cooler is set.
L : Low speed icon. It shows when the cooler works in low speed.;
M : Middle speed icon. It shows when the cooler works in middle speed.
H : High speed icon. It shows when the cooler works in high speed.
88 : It shows current temperature. But it will shows the parameter value during setting.
°C: Temperature icon.
%: Humidity icon, or reserved;
H: Hour icon.

Circuit drawings



Guide for adding water and draining



1) Adding water:

Open the cover as picture. And then add water. By watching the water gauge to make sure whether the tank is full of water.

NOTE:

- ① please do not splash water to motor and other parts to avoid damage to electron component.
- ② adding water to MAX line is ok, if not water may come out from the cooler.
- ③ please add clean water to the cooler.

2) Draining: Pull out the plug in the bottom.

● Guide for installation and dismantling of back panel



- 1) Discharge the screws at the back panel.
- 2) Press down the clips and pull out the panel.
- 3) Discharge the screws between the back and front panel.
- 4) Holding the back panel and pull it out.
- 5) In reverse the above operation to installation back panel.

● Trouble shooting

Problem	Common cause	Suggested remedy
Air cooler does not work	Incorrect power connection	Connect power correctly
	Fuse burnt	Reset circuit breaker or replace it
	Loose electrical Connections	Check all electrical connections
No airflow	The knob is broken	Replace it
	The capacitance is broken	Replace it
	The motor is broken	Replace it
No cooling	No water	Add water
	The knob is broken	Replace it
	The pump is burnt	Replace it
Unpleasant odour	Dirty water	Change water and clean the cooling pads
No draining	Blocked	Clean the out let

Matters Need to Attention

1. Air cooler must be installed in the place which is well ventilated and dry to ensure that it is bringing 100% fresh air into the room. It helps cooler make a better cooling;
2. Please lock the wheels while the cooler operation, avoid cooler sleeking;
3. The water pump would stop working while the cooler is lack of water.
Please add water in time, do not exceed the highest water line and also power off the air cooler before adding water;
4. For safety, please do not take out the side panel during the cooler is working;
5. Please do not extend anything into the air diffuser while the cooler is working;
6. If the air cooler is used at out door, please power off the cooler while it is raining or thundering;
7. Please power off the air cooler while you do the maintenance;
8. We advise that please drain the water everyday and do the cleanout for tank, for keeping the fresh air;
9. Please clean the dustproof and the pads regularly. You can choose clean water and fluff brush for clearance;
10. Please do not do anything without the laypeople while the air cooler is broken;
11. If there would be a long time no using the air cooler, please drain all the water for keeping clean and avoid ice over during the winter.

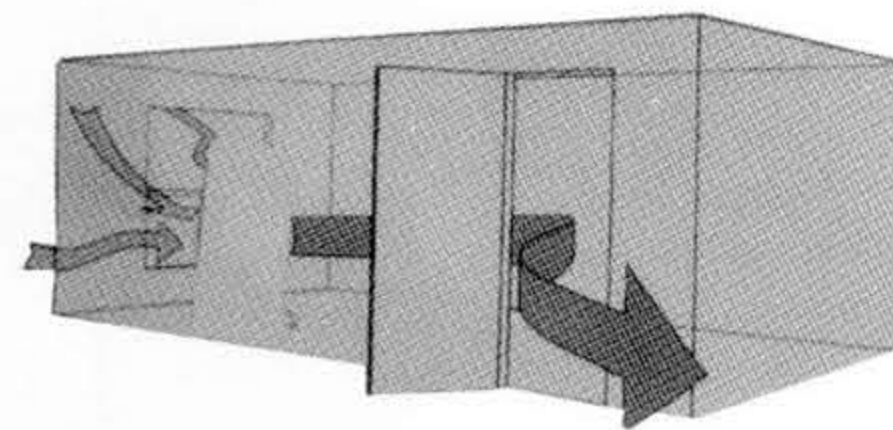


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