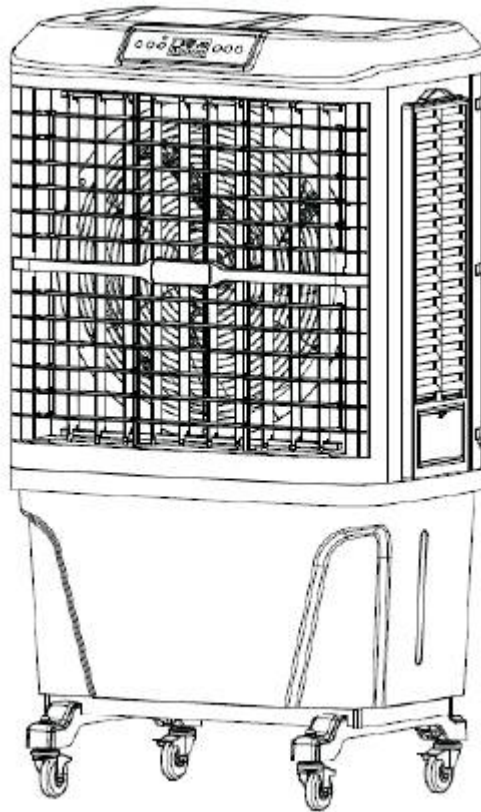


COLORATO

www.colorato.net

INSTRUCTION MANUAL AIR COOLER



MODEL: CLAC-1200N

Read carefully these instruction before using the appliance
and keep them for future reference

Thank you for your trust and support for choosing our Evaporative Air Cooler which will bring you comfort and health.

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

Read carefully the below information before using the appliance.

- Make sure that the appliance is prevented from any source of fire.
- Notice that earth line's section is at least 1.5mm² and make sure that there is available grounding.
- Try to make voltage within $\pm 10V$, as the 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 operated under too low or too high voltage continuously.

❖ Principle of work

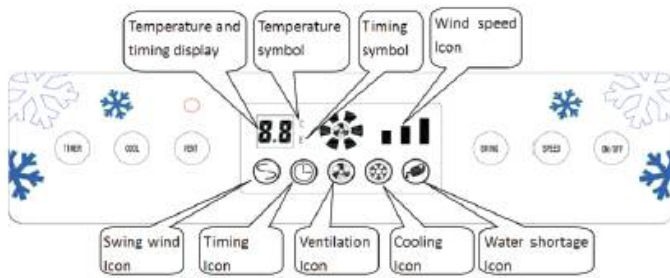
The Evaporative Air Cooler cools air by the temperature variation from the evaporation of water. Its principle is that: Circulating pump continuously suck water from the sump and distribute water equably to the cooling pads by the water distributor, and then the water on the cooling pads effects with the outside air and evaporate to drop the temperature. Thus we have the fresh, cooler and clean air.

❖ Application Areas

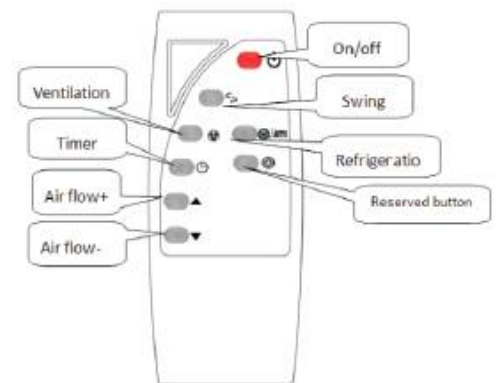
- The staff dormitory and the home must decrease temperature place;
- The plant which must decrease temperature operational site;
- Open type store, supermarket, dining room and so on business places;
- Outdoor equipment maintenance mobility large places;
- Bakes, meeting and so on entertaining places.

❖ Introduction to Evaporative Air Cooler's Model

• Description of electronic control button function



Pic 1 Control Panel



Pic 2 Remote Control

Control functions and operating instructions

1. Standby state:

After the air cooler is connected to the power, the buzzer will beep for a while and the digital tube will display the current ambient temperature, waiting for the user's command to control. This is the standby state.

2. Turn on/off the machine:

In standby mode, press "switch" or "⏻" key. The air cooler runs at low speed for ten seconds and then switches to medium speed or the speed before shutdown. The fan operation icon rotates dynamically and the wind speed icon displays the current wind speed gear.

In the running state, press "switch" or "⏻" key and the air cooler will enter the standby state.

3. Cooling mode:

During ventilation operation, press "refrigeration" or "❄️" . The Air Cooler will get into low speed refrigeration operation for ten seconds and return to original speed. The refrigeration icon is on and the ventilation icon is off.

In cooling model, when there is water shortage, the water shortage icon flashes and the buzzer sounds intermittently for ten seconds. When water is added to the standard water level, the water shortage icon goes out, the buzzer stops ringing and the air cooler switches to low speed for ten seconds and then returns to the original speed.

4. Ventilation mode:

When cooling is running, press "ventilation" or "🌀" key to enter into the ventilation mode, the ventilation icon is on and the cooling icon is off.

5. Wind speed switching:

In the running state, press the "wind speed" or "▲", "▼" keys to switch the wind speed.

6. Swing function

In the running state, press the "swing" or "🌀" key to turn on/off the swinging wind function. The swinging wind icon is on when the swinging wind mode is turned on and the swing wind icon is off when the swinging wind mode is turned off.

7. Timer function:

The timer is used to turn on or off the cooler automatically in a later designated N hours. Timer calculates in the unit of hour for its measurement, starts counting down when the setting takes effect and automatically starts or shuts down the cooler when it reaches the designated time. The timer set in the standby state (when cooler is not running) will start the cooler accordingly; the timer set in the running state will allow the cooler to shutdown itself accordingly. When it comes to the timing setting, the digital tube displays the designated time value and the temperature value will be restored after the timing function take effect.

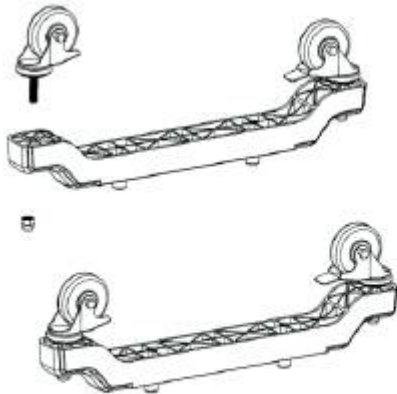
The steps of setting the timer are listed as follows:

Press the "timer" or "🕒" key and the timer icon flashes and the digital tube displays "0H". Then press the "timer" button and the timing value will increase cyclically, with the maximum timing value the 12 hours and it returns to 0 when it reaches 12. After adjusting to the required time value, the setting will take effect automatically after 5 seconds and the timer icon will continue to light up when the timer is effective. After the timer takes effect, by clicking the "timer" button the remaining time will firstly be displayed, then by clicking the "timer" button for the second time you can adjust the timer again.

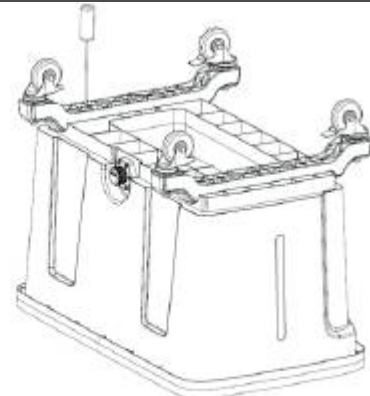
There are several ways to cancel the timing:

- Set the timer to 0H.
- Press the "on/off" key when the timer icon is flashing.
- After the timer takes effect, click the timer button and when the remaining time is displayed click the "on/off" key to cancel the timing.

❖ The installation manual of wheel and wheel holder



Pic 3

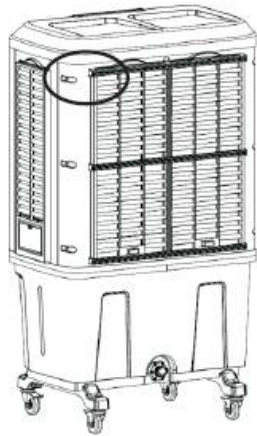


Pic 4

- Take out the wheels and wheel holders and install the wheels to the wheel holders according to Picture 3.
- Fix the wheel holders to the bottom of the water tank by using the ST5× 25 Self-tapping screws, then tighten up the screws by Philips screwdriver according to Picture 4. Pay attention to the hole on the bottom of the water tank during the installation.

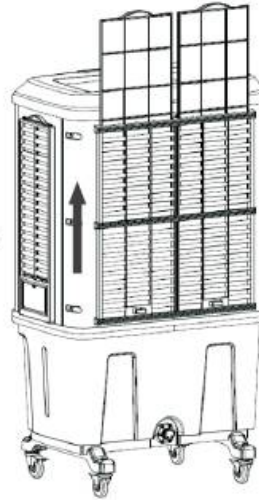
NOTE: The wheel holder with the break should be installed on the air outlet side and the wheel holder should be firmly attached to the water tank bases.

❖ Guide to install and uninstall the side panel

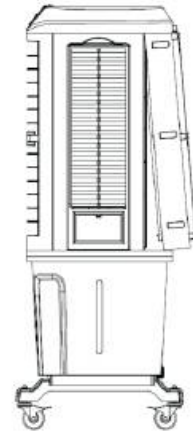


Pic 5

Pull up



Pic 6



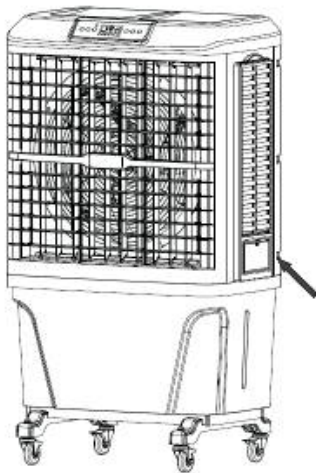
Pic 7

Pull out

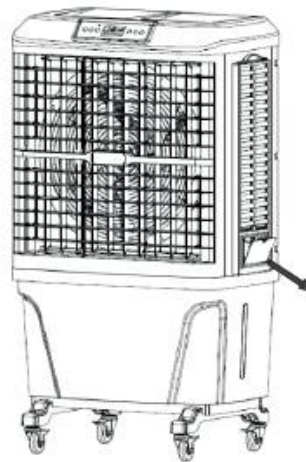
Take out

1. Loose four bolts with cross screwdriver, as Picture 5;
2. Pull up the dust screen and the side panel, as Picture 6;
3. Pull out the side panel after pull it up and then take it ot, as Picture 7;
4. To install it back, follow the contrary steps.

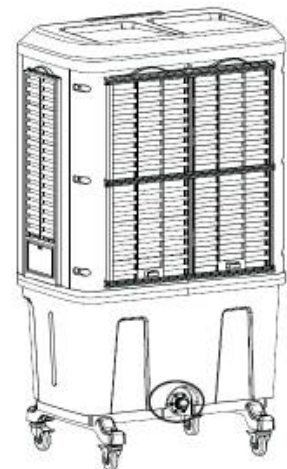
❖ Guide to add water and drain



Pic 8



Pic 9



Pic10

Add water:

1. Pull out the affusion hole, as Picture 8;
2. Add water from this hole, as Picture 9;

Drain:

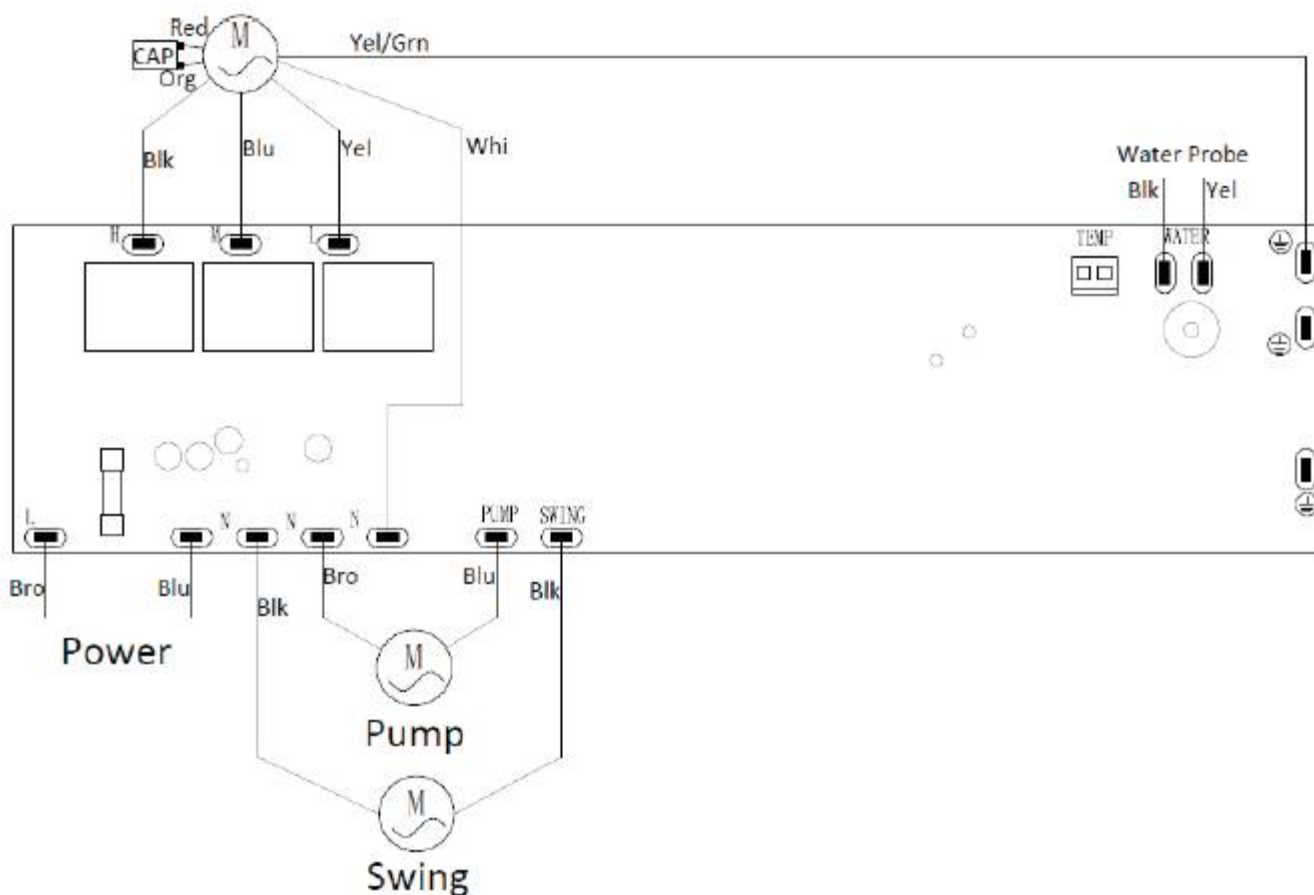
Open the valve cover wither shins, also close it clockwise after drain, as Picture 10.

Before using the appliance with direct connection to the water mains, you should open it and cut the plastic tire up which holds attached the float valve.

❖ Attention

1. The Air Cooler must be installed in a place that is well ventilated and dry, to ensure that is bringing 100% fresh air into the room. This way it helps the cooler to make a better cooling.
2. Lock the wheels while the cooler is operating, to avoid cooler sleeking.
3. The water pump would stop working while the cooler is lack of water. Add water in time, do not exceed the highest water line and also power off the air cooler before adding water.
4. For safety reasons, you should not take out the side panel while the appliance is working.
5. While the appliance is working, you should not extend anything into the air diffuser.
6. If the Air Cooler is used outdoors, power it off while it is raining or thundering.
7. Power off the appliance during maintenance.
8. The water should be drained every day and the water tank should be cleaned, in order to keep the air fresh and clean.
9. The dustproof and the pads should be cleaned regularly. You can choose clean water and fluff brush for the cleaning.
- 10. Before using the appliance with direct connection to the water mains, you should open it and cut the plastic tire up which holds attached the float valve.**
11. In case of damage or malfunction in the appliance you should not do anything without the laypeople.
12. If there would be a long time not using the air cooler, you should drain all the water, so that the appliance will be kept clean and you will avoid ice over during winter.

❖ Circuit drawings



❖ Troubleshooting


Problem	Possible cause	Suggested remedy
Air Cooler is not working	Incorrect power connection	Connect power correctly
	Fuse burnt	Reset circuit breaker or replace it
	Loose electrical connections	Check all electrical connections
	PC board was attained	Replace it
No airflow	The knob is broken	Replace it
	The capacitor 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 odor	Dirty water	Change water and clean cooling pads

❖ Technical parameters

Voltage/Frequency (V/Hz)	220-240 /50
Power of motor (W)	300
Speeds of fan	3
Type of fan	Axial
Air supply (m ³ /h)	12000
Controller	LED display + Remote control
Timer (h)	1-12
Water consumption (L/H)	9
Air delivery distance (m)	20
Pre-dust filter	Available
Coverage of indoor areas (m ²)	60-80
Coverage of outdoor areas (m ²)	30-50
Inlet for auto water filling	Available
Noise level (dB)	≤60
Capacity of water tank (L)	90
Weight of appliance (Kg)	33
Weight of appliance with water (Kg)	123
Dimensions of appliance (YxMxΠ) (HxLxW)	1448x842x532
Packing dimensions (HxLxW) (mm)	1310x840x540
Gross weight (Kg)	40

ATTENTION



The symbol  on the product means that at the end of its life, the appliance has not to be considered as a common waste. It is a special waste and has to be demolished in specifies recovery and disposal areas, as prescribed by the EC Directive 2002/96/EC (WEEE). By disposing this product correctly, you can avoid negative consequences for the environment and for the human health, due to the presence of potentially dangerous substances in the product.