



Air Cooler

INSTRUCTION MANUAL

Read this manual carefully before operation

Pictures in this manual are for reference only, the product in kind prevail.



COOLKIN 28R

This instruction manual contains important information & recommendations that we would ask you to comply with to obtain best results from your products.

Congratulations on your purchase of this versatile CG Evaporative Air Cooler. For optimum cooling from your cooler, fill the water tank to maximum level before you turn on your air cooler.

Cooler Location (Important - Please Read!)

Place the cooler in front of an open door or window. Ensure that there is adequate cross -ventilation in the room by leaving a door or window open opposite the cooler. Following these guideline will ensure your cooler will work as effectively as possible. Keep distance of minimum 0.5 meters from the wall.

Not an Air Conditioner (Important - Please Read!)

The evaporative air cooler is not an air conditioner as it does not use a compressor or refrigerant gas. It should not be expected to cool as efficiently as a refrigerated air conditioner

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Read all instructions carefully before setting up and operating the cooler, and please keep this instruction manual for future reference. This manual is designed to provide you with important information needed to setup, operate, maintain, and troubleshoot your cooler. Failure to follow these instructions may damage and/or impair its operation and void the warranty

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QUICK START GUIDE



Fill the tank with water and plug the cooler in standard power outlet socket.

Note: Please make sure the household power voltage matches the product specifications.

Place near an open door or window.

Note: Evaporative air cooler requires cross ventilation.

Turn ON and enjoy the cooling breeze.

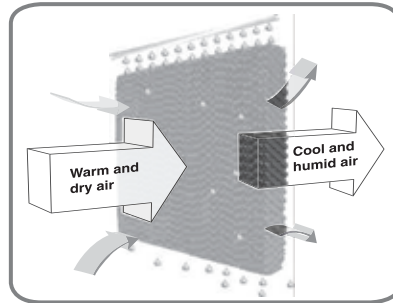
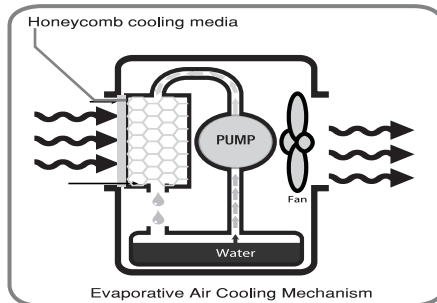
Note: Start with low speed and gradually increase to higher speed for optimum cooling performance.

USER TIPS

CG

Energy efficient, No compressor

CG Evaporative Air Coolers are built to maximize energy efficiency and keep costs low. Warm air is drawn into the cooler through the Honeycomb Cooling Media. Water pumped from the tank pours over the honeycomb media. As the warm air passes through the cooling media, the water absorbs the heat, naturally cooling and humidifying the air. A fan propels the cooled air out into the room. This no-compressor system cools naturally, efficiently and inexpensively.



The recommended maximum relative humidity level is 60% or less, which allows a noticeable temperature decrease. The temperature decrease will be greater in drier climates because higher evaporation occurs when the humidity is low.

The evaporative air cooler should not be used in enclosed spaces. It must be kept level and there must be water in the water tank. The room should have doors and windows opened to allow free air flow. The evaporative air cooler works best when placed near an open window, so that outside air is drawn into the evaporative air cooler, the air circulates in the room, then exits via the door. The maximum cooling effect is felt when a person is in the flow of air coming out of the evaporative air cooler.

NOTE

When the product is used for the first time the Honeycomb cooling media will have an odor which will dissipate in a week or so of initial use



Room with open windows & door (RECOMMENDED)



Room with closed windows & door (NOT-RECOMMENDED)

READ AND SAVE THESE INSTRUCTIONS:

When using electrical appliances, basic safety precautions should always be followed:

- Your cooler runs on 230 Volt AC, 50 Hz. Check the household voltage to ensure it matches the appliance's rated specification.
- Before operating the product remove it from its packaging and check that it is in good condition.
- DO NOT operate any product with a damaged cord or plug. We recommend not using an extension cord with this appliance.
- DO NOT run power cord under carpeting, or cover it with rugs or runners. Keep the cord away from areas where it may be tripped over.
- Always unplug the product before refilling the water tank.
- Always unplug the appliance from the power source before cleaning, servicing or relocating the unit.
- Remove the power cord from the electrical receptacle by grasping and pulling on the power cord plug-end only, never pull the cord.
- DO NOT use the product in areas where gasoline, paint or other flammable goods and objects are stored.
- When using the "COOL" setting, check the water tank to ensure that it is full. Operation of this cooler on the "COOL" setting with an empty tank may result in damage to the water pump.
- DO NOT attempt to repair or adjust any electrical or mechanical functions of the cooler, as this may void the warranty.

SHOCK HAZARD



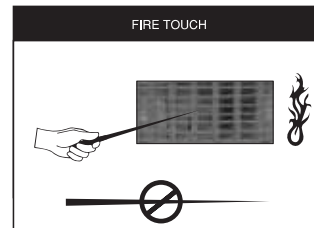
230 Volt AC 50 Hz



WATER LEVEL INDICATOR

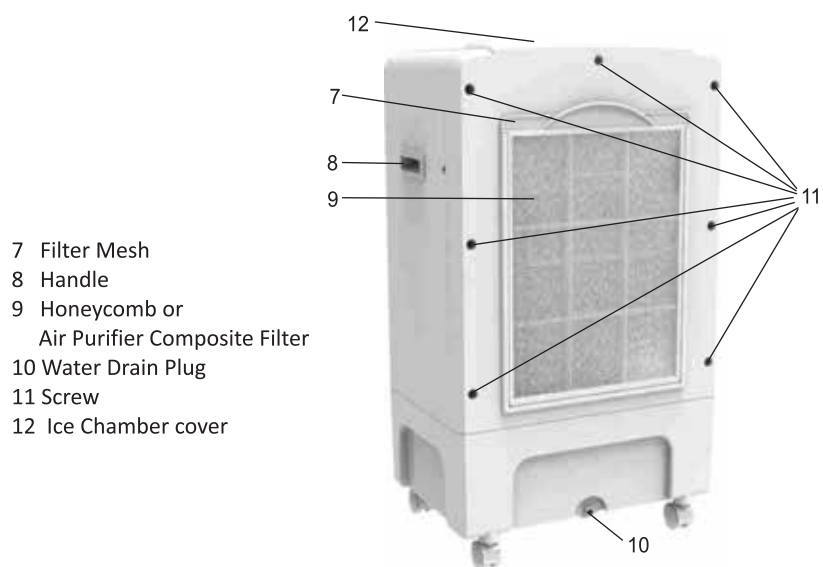


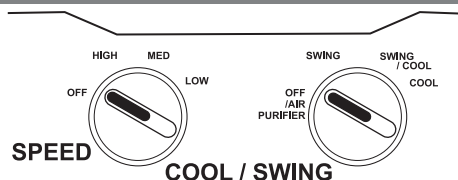
- DO NOT cover the air inlet or outlet on the appliance as this may cause motor damage.
- DO NOT insert or allow objects to enter any ventilation or exhaust opening as this may damage the product and could cause an electrical shock or fire.
- DO NOT operate with the Honeycomb media removed as this will overload and damage the motor.
- DO NOT leave the operating appliance unattended for an extended period of time.
- DO NOT let children play with this appliance, packaging or plastic bags.
- If the unit is damaged or it malfunctions, do not continue to operate it. Refer to the troubleshooting section and seek professional advice.
- Place the unit on a level floor. This product is not intended for use in wet or damp locations.
- DO NOT use in bathrooms. Never locate the product where it may fall into a water container.
- Store in a dry area when not in use. This appliance is not intended for use by persons (including children or elderly) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Always grip the side handles to move the cooler.
- Please ensure Air Purifier composite filter should not get wet in anyway



PARTS DESCRIPTION MECHANICAL

CG



**Control Knobs****SPEED Knob**

Connect to the power supply and turn the SPEED knob.

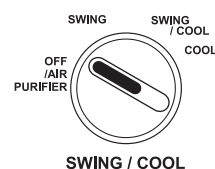
The fan will start change the speed from “High” for High speed, to “Medium” for Medium speed and to “Low” for Low speed.

To switch the fan OFF, turn the SPEED knob to “OFF” position

**SPEED****SWING / COOL Knob**

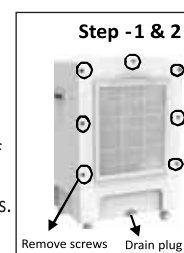
It is multifunction knob.

- Turn the knob towards **SWING** to start automatic movement of Left-Right Vertical Louvers
- Turn the knob towards **SWING+COOL** to get the cool air and Left-Right movement of Vertical Louvers
- Turn the knob towards **COOL** to get the cool air

**SWING / COOL****Air Purifier Mode**

To run the Air Cooler in Air Purifier mode follow below step

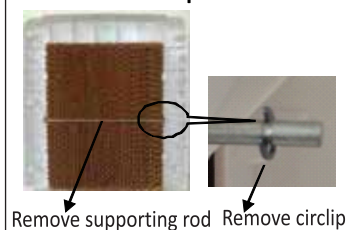
- 1) Remove the Drain plug and empty the water tank
- 2) Remove all 7 screws from back cover and tank it out
- 3) Remove circlip from honeycomb supporting rod & take out Honeycomb pad
- 4) Replace Air purifier composite filter (Mesh part towards blower) in the place of Honeycomb pad.
- 5) Fix the supporting rod with circlip and back cover in the air cooler with all screws.
- 6) Rotate the **COOL/PUMP** knob to Air Purifier mode (as shown above)
- 7) Set the blower speed as per your requirement

**Step - 1 & 2**

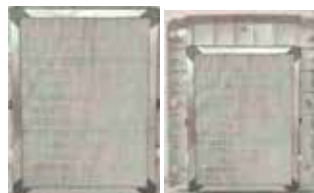
Remove screws Drain plug

Note :-

- 1) When Using as Air Purifier , never switch on Cool/Pump
- 2) There should not be any water in the tank When Air Purifier filter is applied
- 3) Life of filter is 6 to 8 months depending on usage pattern and environmental conditions.

Step -3

Remove supporting rod Remove circlip

Step 4

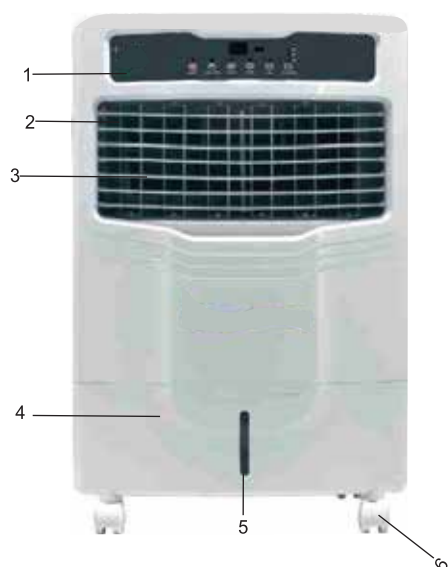
Insert Air Purifier composite filter into back cover

Step - 5

Insert supporting rod and clip

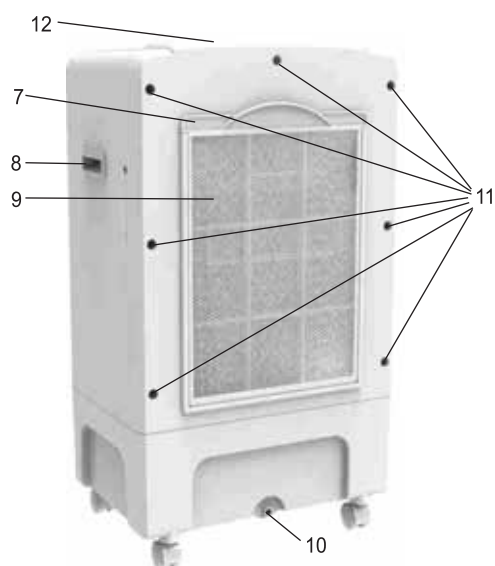
PARTS DESCRIPTION ELECTRONIC

CG



- 1 Electronic Control Panel
- 2 Vertical Swing Louvers
- 3 Horizontal Louvers
- 4 Water Tank
- 5 Water Level Indicator
- 6 Castor Wheel

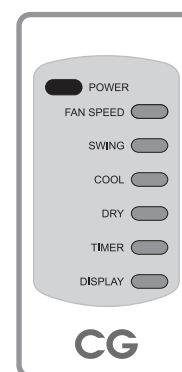
- 7 Filter Mesh
- 8 Handle
- 9 Honeycomb
- 10 Water Drain Plug
- 11 Screw
- 12 Ice Chamber cover



CONTROL PANEL: (REMOTE MODEL):**General Features: -**

The Air Cooler model has following general features:-

- Display – 10 led indicators.
- Different fan speed i.e. low, medium and high.
- Memory backup in case of power failure.
- Timer can be set in hour to turn the system on/off.
- Eco Cool mode to save water and power consumption.

**REMOTE****Note:**

The remote control requires AAA (2 x 1.5V) batteries for replacement.

Open the battery compartment at the back of the remote control and insert the AAA (2 x 1.5V) batteries inside. Care must be taken to insert the batteries according to the correct polarity (+/-) markings shown inside the battery compartment. Always point the remote control signal transmitter towards the unit when operating. Make sure that the signal path is not obstructed.

Remove the batteries if the unit is not going to be used for an extended period of time.

Do not drop the remote control. Do not mix different types of batteries such as alkaline, carbon-zinc, or rechargeable batteries.

Do not mix old and new batteries.

Exhausted batteries are to be removed from the product.

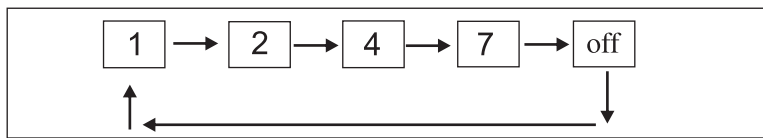
DISPLAY:

There are 10 LED's on the Receiver board (Front display panel) to indicate the following functions:-

- On / Off : To indicate supply in system. This led glow in standby condition.
- Timer : To indicate timer is active or not.
- Swing : To indicate swing is active or not.
- Cool : To indicate the pump on/off condition.
- Fan Speed : To indicate fan speed (low, medium, high). / Off
- Eco Cool : To Indicate ECO Cool mode on/off condition.

- **TIMER**

- Timer can be selected (in hour) to turn on/off the system.
- Timer(in hours) can be selected as–



Note: While timer is enabled and mains power reset occurs, then timer will get disabled.

CAUTION : Unplug from power when refilling the water.

It is advisable to have proper earth connection in the premise, where air cooler is installed

FILLING WATER(Manual) :

Do not over fill the water tank.

Transmitter/receiver key features: -

Various keys & the function associated with them are as follows:-

- **POWER :**

Pressing the power key, the unit turns to on or off.



- **FAN SPEED :**

Press the fan speed key repeatedly to change the speed between low Medium and High. The indicator light and dual digit display will show the fan speed.



- **SWING :**

Press the swing key to turn on/off the swing motor.
If swing motor is on, its led indicator will illuminate.
If swing motor is off , its led indicator will be off.



- **Note:** For vertical Air flow user can manually adjust the louvers.

- **COOL:**

Pressing the cool key, pump motor and cool led will get on.



- **DRY :**

Pressing the dry key, pump motor and cool led will get off.

- **ECO COOL :**

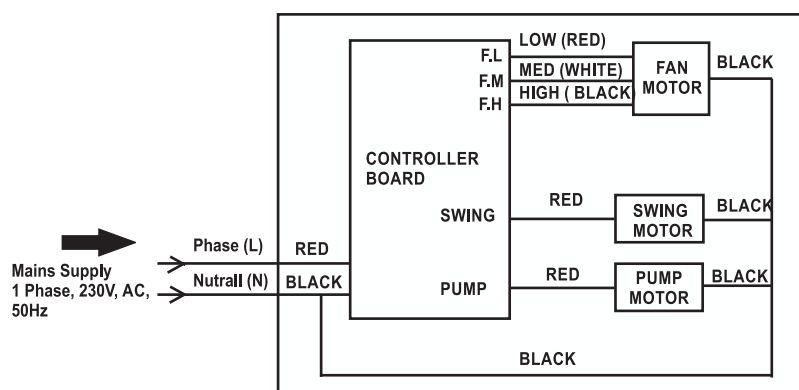
Pressing the ECO Cool key, pump motor will automatically turn On & Off as per predefined periodic cycle.



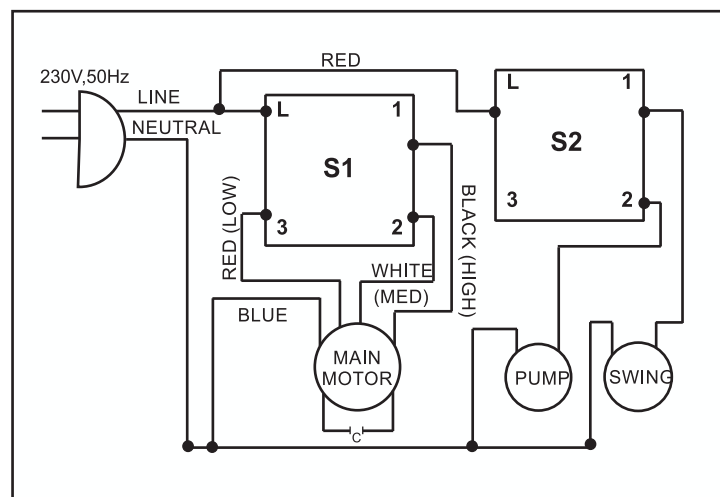
TROUBLESHOOTING GUIDE



No discharge of air	Cord is not plugged in	Make sure power cord is plugged in and the supply switch is on.
	Power is not on	Turn the unit ON by changing the mechanical knob position of the control panel
	Motor Faulty	Contact Service centre
Not Cooling / Unit is making noise	Pump is not turned ON	On control Panel. Turn COOL FUNCTION TO "ON"
	Low or no water in tank, when COOL is selected	Refill water tank.
	Damaged Pump	Contact service centre.
Odor omission	When the Cooler is new	When the unit is used for the first time, the Honeycomb Cooling Media will have an odor, which will dissipate within a week of initial use. This is normal.
	If the Cooler has been used. There may be an algae issue.	Water is stale Clean the tank and fill with fresh water.
		Clean the Honeycomb Media.
		If problem persists contact the service centre.

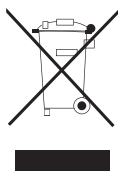


Air Cooler Wiring Diagram (Remote Model)



Air Cooler Wiring Diagram (Manual Model)

**A Quality Product
Of**



**IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT
IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.**

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.

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