

CG MERIDIA



AIR COOLER INSTRUCTION MANUAL

Read this manual carefully before operation

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



MODEL : CGMAR35C01R

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

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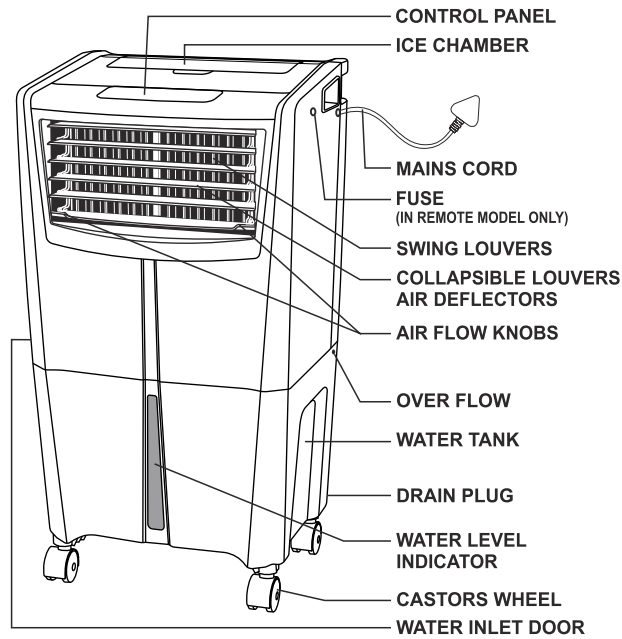
TECHNICAL SPECIFICATIONS

DESCRIPTION		TYPE / MODEL NO.
		CGMAR35C01R
SUPPLY VOLATAGE		220~240 V
FREQUENCY		50 Hz
POWER CONSUMPTION	Watt (Max)	140 watt
	Current (Max)	1.6 A
FAN SPEED		Three
AIR DEFLECTION		Four Way
NOMINAL CAPACITY		1300 m ³ / Hr
RESERVOIR CAPACITY (Max)		35 Ltrs.
TYPE OF COOLING MEDIA		Honeycomb
WEIGHT		10.7 kg
DIMENSION (L x W x H) in cm		46.5 x 37 x 861
COOLING EFFICIENCY		> 50% at 45°C & < 25% RH
STANDARD ACCESSORIES / PORTABILITY		Castors Provided
TIMER		1 to 7 hours

SAFETY : Earthing is provided. (In select models only)

NOTE : * Design & Specifications are subject to change without prior notice due to continuous Research & Development .

KNOW YOUR AIR COOLER



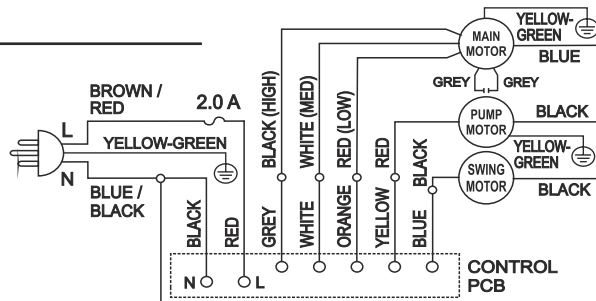
APPLICATIONS

The air cooler has been designed to wheel easily from room to room so that you can enjoy the comfort, it provides where you need it most. Some of the applications to which AIR COOLER can be adapted are.

- Living Room
- Dining Room
- Offices
- Restaurants
- Bed Room
- Kitchen Room
- Clinics
- Shops
- Study Room
- Balcony
- Hotel Rooms

In fact the applications of your AIR COOLER are limitless.

WIRING DIAGRAM



ADVANTAGES OF AIR COOLER

- **STURDY DESIGN**

Air coolers are designed to have excellent aesthetics & are made of sturdy thermoplastic material having excellent finish & corrosion free life.

- **COLLAPSIBLE LOUVERS**

Prevents dust and insects from entering air cooler while it is not in use.

- **FOUR WAY AIR DEFLECTION SYSTEM**

This unique feature consists of specially designed horizontal louvers & motorised vertical louvers to ensure uniform distribution of air throughout the room, thus maintaining even cool air flow in the room.

- **SPECIAL HONEYCOMB PAD**

These are specially designed for Air cooler, made up of Antifungus environmental friendly cellulose based paper. The construction of the same is such that, it gives maximum contact surface with air & water. Which ensures efficient evaporation of water & gives better cooling effect.

Minimum two-three drain cycles to be carried out on purchase of the air cooler to eliminate smell of Honeycomb pads.

- **UNIFORM WATER SPRAYING ON PAD**

Water is distributed with uniform pressure through shower assembly & distribution tray.

- **CONTROL KNOBS**

Independent controls for Speed Selection & Functions.

- **WATER LEVEL INDICATOR**

An easy to view water level indicator on the front panel, let you keep a check on the water level in the tank.

- **TOUGH & ELEGANT BLOWER**

It is made of non-corrosive material having minimum noise level when running at different speed levels with maximum efficiency.

- **DUST FILTER NET**

A polymetric filter net at air inlet, filters out the irritants & pollutants which are normally carried in the air & let clean fresh air into the cooler.

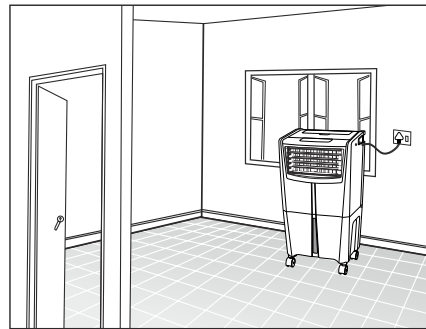
- **FREE WHEELING CASTORS**

The cooler is mounted on castors, which makes it convenient to wheel around from one place to another, even a child can move it around.

GETTING STARTED

INSTALLATION

- 1) Place your Air cooler at least 10 cm away from wall or any other obstruction. The cooler should be placed near a window / door to allow in fresh air. The cooler has been provided with inbuilt wheels for easy maneuverability, The rear wheels can be locked in to fix position by lever as shown.
- 2) Always ensure that there is another open window/door through which warm air can exhaust from the room. Constant air change is very essential for fresh air cooling by your Air cooler.
- 3) Plug in the mains cord of your Cooler to a wall socket. Ensure the plug is properly earthed & is in OFF Position while plugging.
- 4) While plug in the mains cord please ensure that phase (L) & neutral (N) of the mains cord should match with the phase and neutral of the socket as per standard.



OPERATIONS

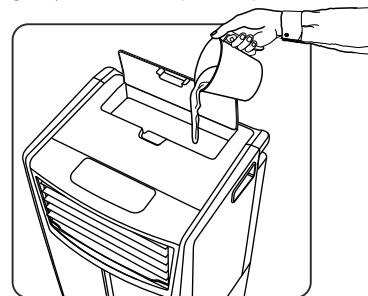
- 1) Install the Cooler as per Installation procedure.

2) FILLING OF WATER :

Just fill water tank (as per tank capacity) of your air cooler through the water inlet port. The water level indicator will Show when the tank is full. It is advisable to use tumbler to fill the water to ensure no spillage. (Ensure the power point is OFF while filling water).



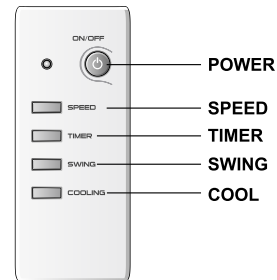
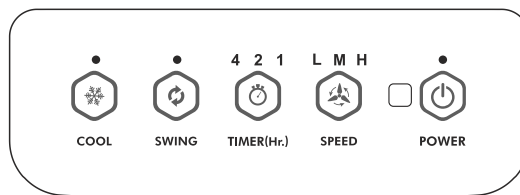
Over Flow Hole








- 3) **POWER SUPPLY :** Ensure that your Air cooler is plugged into specified Voltage & Frequency outlet only. Also ensure proper earthing of power point. Switch 'ON' the power supply.
- 4) **PRE SOAKING:** Before putting on the Cooler fan, it is advisable to run pump for few minutes by rotating FUNCTION KNOB, This will ensure uniform Soaking of cooling media & avoid sprinkling of water if any.
- 5) **BETTER PERFORMANCE :** For better air blast run the cooler on high speed. Run the cooler on low speed to get better cooling & low noise level.

GETTING STARTED

CONTROLS :



-  **1) SPEED**
After plugging the cooler into the specified voltage press the speed button to start the Blower & Select the fan speed level in the following sequence High-Medium-Low. Specified LED will glow according to your selection.
-  **2) SWING**
In order to spread the air around the room press swing button. LED will glow when you press the swing button.
-  **3) TIMER**
Press the timer button to set the desired timing level, the range of the timer is 1-7 hours. Specified LED will glow according to your timing level. No LED glows mean its continuous mode. When cooler will be at timer mode the dimming feature will be active and the light intensity of all LEDs will be reduce up to 20% after 60 second to avoid disturbance in night for sleeping.
-  **4) COOL / SMART COOL (OPTIONAL)**
In order to increase the cooling level of blowing air, press COOL button to select desired cooling. Press COOL button once LED will glow & water will fall continuously. Press again COOL button LED will blinking "SMART COOL" function will start to reduce high humidity & water will fall periodically due to water pump will ON/OFF for specified cycle time.
Press again COOL button to OFF cool function. Ensure that the tank of the cooler is filled with water at required level before pressing the COOL button.
-  **5) POWER**
Press power button to turn off the unit. Only power LED will glow, remaining will be kept in off condition.

NOTICE :

- To operate, the distance should be within 5 meters & at an angle of $\pm 30^\circ$ from the unit with a clear line of sight.
- Remove the batteries if the remote controller is not to be used for long period of time.
- Don't tear the batteries apart or throw them into the fire, which will lead to irreparable damage.

OPERATIONAL CARE AND REGULAR MAINTENANCE

OPERATIONAL CARE

- 1) When your Air Cooler is not in operation, make sure to switch all the switches to OFF Position.
- 2) Operate the buttons gently.
- 3) Do not wipe the cooler with harsh chemicals, scrubbing powder or thinner as they will damage the body.
- 4) Do not keep heavy load on the top of your Air Cooler.
- 5) Do not add any bleaching agents into the water in the tank.
- 6) Before moving or relocating the cooler ensure that the mains cord is unplugged and that the water tank is empty.
- 7) Do not immerse the unit in water.
- 8) Do not use any cleaning chemicals such as detergents and abrasives.
- 9) Do not allow the interior (special for the PCB) to get wet as this could create a hazard.

REGULAR MAINTENANCE

Periodic maintenance helps to keep your Air Cooler in good condition.

- 1) It is recommended to drain the Cooler and clean the cooling pads every month.
- 2) Replace the HONEYCOMB PAD once in two / three years.
- 3) After the summer season ensure that the water is drained off completely & pads are dried before storage.

TROUBLE SHOOTING

If Air cooler fails to operate, please check the following before calling for service.


- Please check that there is electric supply at the power point.
- Please check that the power point is switched 'ON' and that the plug is in its place correctly.
- Please check that the controls are set properly.
- Please check the fuse if it's filament fused, replace by new 2.0 A. rating fuse.

The remote control is not working properly :

- Check that the remote control batteries are correctly inserted according to the +/- orientation.
- Replace the remote control batteries if they are flat or weak.

SAFETY PRECAUTIONS

- Always disconnect mains supply before filling water.
- Do not fill the water beyond the full mark on the water level indicator.
- Do not try to fill the water into the cooler when in operation.
- Do not move the cooler rapidly when there is water in the tank.
- Always disconnect mains before opening filter net or panels.
- Be particular & careful when using the cooler near curtains. Keep safe distance from the curtains.
- Children must not be allowed to operate / play with cooler.

 This appliances is not intended for use by persons (including children) 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.

Children should be supervised to ensure that they do not play with the appliance.
- unplug the appliance during filling and cleaning.

 **Do not modify or extend the Power Cord length.**
● It will cause electric shock or fire.

Power Cord Replacement

If the supply cord is damaged, it must be replaced by a special cord or assembly from the manufacturer or its authorised service agent.

**A Quality Product
Of**



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**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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