



# USER MANUAL

---

## DESERT AIR COOLER

### Important:

Please read this manual carefully before operating your Product and retain this manual for future reference. Follow all instructions and explanations while handling and installing your Product. Keep the operation instructions handy for later use. If the Product is sold or passed on, then ensure that the new owner always receives this manual.

A little preventive care on your part can help prolong the life and usage of the Product.

# Discover the BPL Experience!

Dear Esteemed Customer,

A warm and hearty welcome to the world of BPL!

At BPL, we are dedicated to providing you with technology that enriches your life and makes it better, easier and happier.

Your satisfaction is our primary focus and we would love to know your thoughts on how we can improve your BPL experience even further. So, please feel free to share your valuable feedback with us.

Here's to the beginning of a wonderful journey!

Warmest regards,  
Team BPL

## Note



*The Desert Air Cooler, here-in-after will be referred to as the "Product" in this user manual and Warranty card.*

# CONTENTS

## SAFETY INSTRUCTIONS

Important Safety Instructions	01
Warning	02
Installing the Product	03

## KNOW YOUR PRODUCT

Product Description	04
---------------------	----

## USAGE INSTRUCTIONS

Installation Area	13
Unpacking the Air Cooler	13
Preparation before using Air Cooler	14
Control Operation	15

## MAINTENANCE

Cleaning and Draining the Water Tank	16
Cleaning of honeycomb	16
Easy steps to remove back panel honeycomb	17
Troubleshooting	18

## PRODUCT DETAILS

Product Features Matrix	20
Technical Specifications	21

## E-WASTE MANAGEMENT

Environmental Instruction	22
---------------------------	----

# SAFETY INSTRUCTIONS

## IMPORTANT SAFETY INSTRUCTION



*For your safety the information in this manual must be followed to minimize the risk of fire or explosion, electric shock or to prevent damage to property, personal injury, or loss of life.*

- Before using the Product, check for any damage. If there is any damage, do not use the Product and immediately contact the Retailer/ Shopkeeper.
- Do not operate the Product with a damaged Cord/Plug or if it is dropped or damaged in any manner. Call the Toll-free number if the Product requires attention within the Warranty period.
- To protect against fire, electric shock or injury, do not place Cord, Plug or Product in water or any other liquid.
- Do not let the cord hang over edge of the table or touch hot surfaces.
- Do not place the Product on or near a hot Electric Burner/ nearby Microwave/ heated Oven.
- Do not install the Product in an area prone to combustible gas leaks, grease or metal dust.
- This Product is not intended to be used by people including children with reduced physical, sensory or mental capabilities or a lack of experience and knowledge unless they have been given supervision or instructions concerning the use of the Product by a person responsible for their safety.
- To protect against electric shock, always unplug from the outlet when not in use and before cleaning. To disconnect, remove Plug from the outlet. Do not yank on the Cord as it may damage the Cord and eventually cause an electric shock.
- To avoid burns/cuts/risk of personal injury, use extreme caution while handling the Product.
- Do not use for other than intended purpose. This Product is intended for household use only, not for Commercial or Industrial use. Use for anything other than intended purpose will void the warranty.
- To avoid an electrical overload, do not operate another high-wattage Product on the same power socket.
- The use of any accessory attachment not approved by the manufacturer may result in fire, electric shock or injury.
- Avoid contact with pets, plants and insects when the Product is in operation.

# SAFETY INSTRUCTIONS

## WARNING

### The electrical shock

- Before any maintenance, unplug the Product from the mains.
- When connected to the Power, a dedicated Socket is to be used.
- The Power cord should not be bent or put under the pressure of heavy objects.
- Do not use the modified or altered length of the power cord.
- Clean dust and the power cord pin before inserting it into the power socket.
- In case power cord is damaged or socket holes are loose, do not switch on the Air Cooler.
- Do not touch the power cord with wet hands and clothes.
- Do not pull the wire, hold the Power Cord head to plug and unplug from the power outlet.
- Do not use any "T" Junction to share power for other Products.
- Do not put the power cord under stress.

### Risk to children

- Children should not play with the Product. Cleaning and user maintenance should not be done by children without supervision.
- Animals and children are not allowed to climb on the Product. Check the Product before every operation.
- Young children should be supervised so that they do not play with the Product.
- Do not allow children to put foreign parts into the Cooler from the front panel opening.
- Do not allow children to move the Cooler with the Tank filled with water.
- Do not allow children to pull the Air Cooler with Power Cord.

### Risk of explosion

- Do not keep items such as burning candles on the top or sides of the Cooler.
- The Air Cooler with a single inlet valve only can be connected to the cold water supply. (Applicable for specific models only)

# SAFETY INSTRUCTIONS

## Installing the Product

- The opening of the air-throw must not be obstructed by any components / parts.
- Air Cooler shall not be installed in the bathroom or very wet rooms as well as in rooms with explosive or caustic gases.
- Remove all packing before using the Product.
- The Plug must be accessible after installation.
- The floor must be levelled so that there won't be any issue of uniform wetting of the honeycomb.
- The Air Cooler with a single inlet valve only can be connected to the coldwater supply (Applicable for specific models only).

## Risk of damaging Products

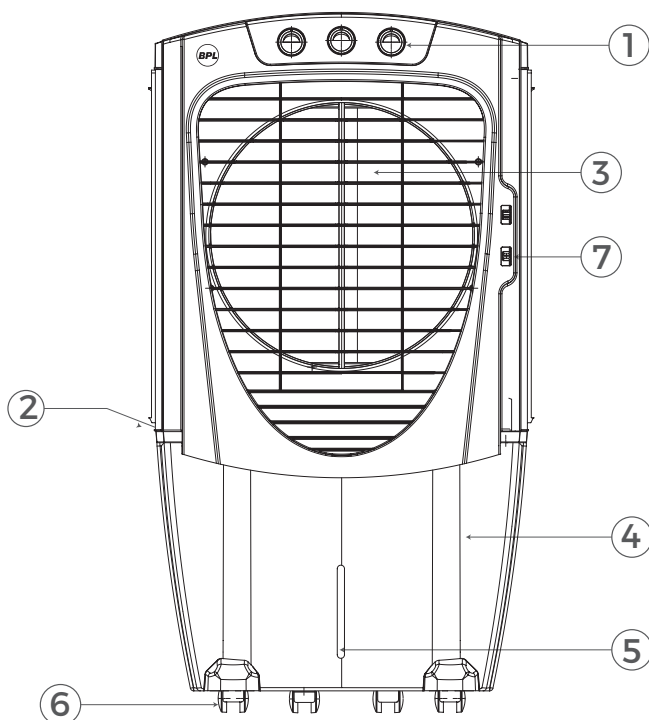
- Do not climb up and sit on top of the Air Cooler.
- Do not lean against Air Cooler while running.
- Do not move the Air Cooler with water filled from one end to another.

## Operating the Product

- During the first-time operation of the new Air Cooler, it is suggested to run the air Cooler for 15 minutes in no-load condition (no water used & pump to be turned off).
- Fill the water in Air Cooler and run the Cooler for 2 hours. It will remove any unpleasant smell.
- Flammable and explosive or toxic solvents are forbidden to be used or mixed with water in the tank.
- Ensure to keep the window open for fresh air to enter and get cooling inside the room.
- Never refill the water while the air Cooler is under operation.

# KNOW YOUR PRODUCT

PRODUCT DESCRIPTION : BCD055DGN  
BCD100DGN



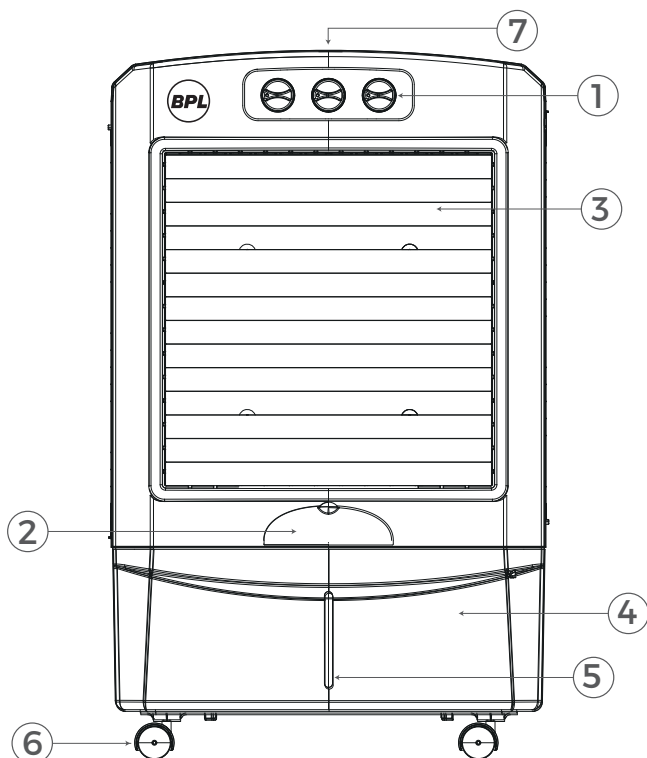
1. Control Panel
2. Water Inlet
3. Horizontal Louver
4. Water Tank
5. Water Level Indicator
6. Castor Wheel
7. Louver Lever



*The picture is for reference only. Please refer to the real Product as standard. Attachments and accessories may vary depending upon model you have.*

# KNOW YOUR PRODUCT

PRODUCT DESCRIPTION : BCD075BEL



1. Control Panel
2. Water Inlet
3. Horizontal Louver
4. Water Tank
5. Water Level Indicator
6. Castor Wheel
7. Ice Chamber

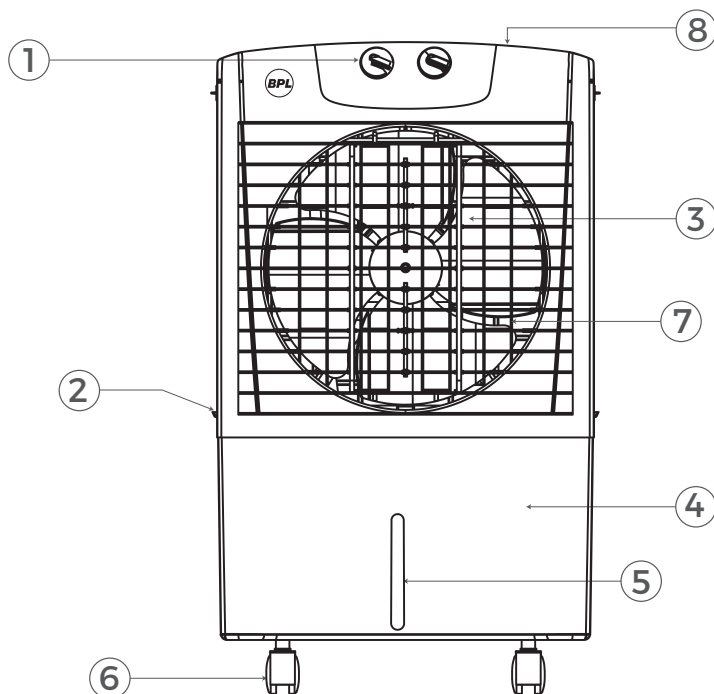


*The picture is for reference only. Please refer to the real Product as standard. Attachments and accessories may vary depending upon model you have.*



# KNOW YOUR PRODUCT

PRODUCT DESCRIPTION : BCD050BKB



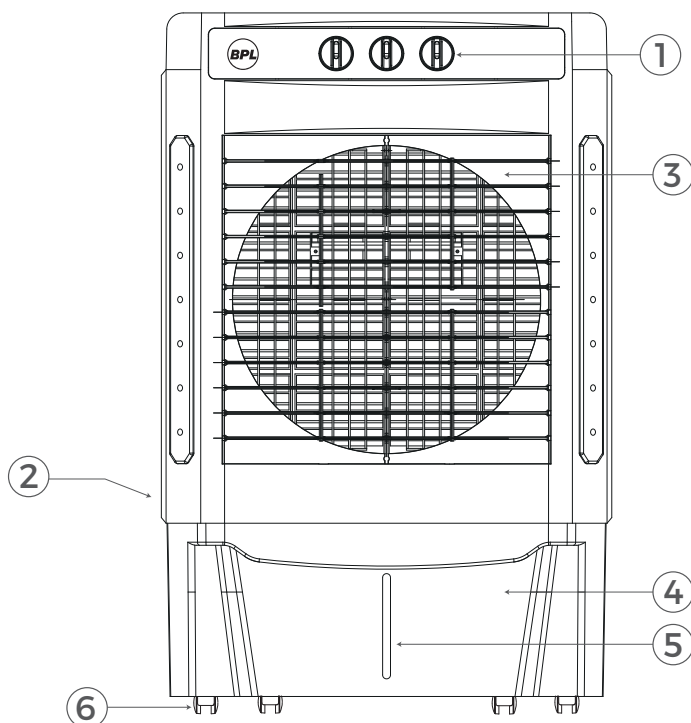
1. Control Panel
2. Water Inlet
3. Horizontal Louver
4. Water Tank
5. Water Level Indicator
6. Castor Wheel
7. Louver Lever
8. Ice Chamber



*The picture is for reference only. Please refer to the real Product as standard. Attachments and accessories may vary depending upon model you have.*

# KNOW YOUR PRODUCT

PRODUCT DESCRIPTION : BCD065CGP  
BCD090CGP



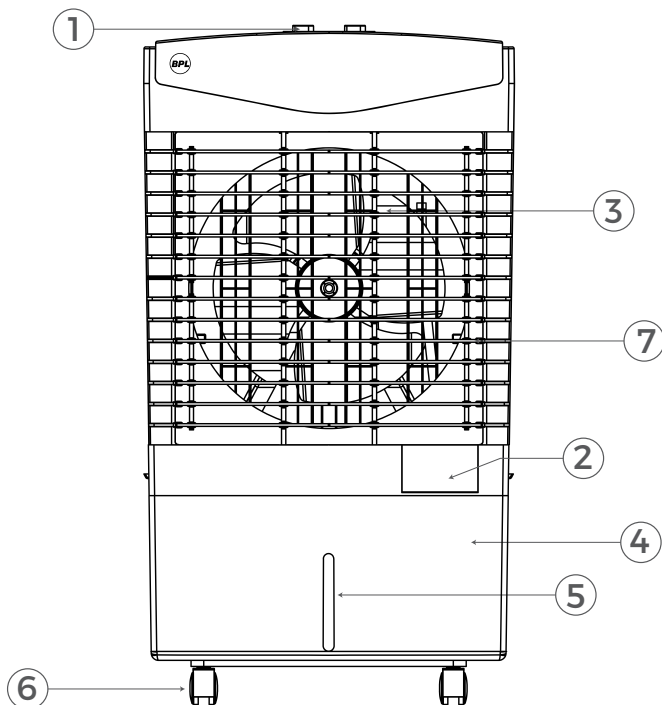
1. Control Panel
2. Water Inlet
3. Horizontal Louver
4. Water Tank
5. Water Level Indicator
6. Castor Wheel



*The picture is for reference only. Please refer to the real Product as standard. Attachments and accessories may vary depending upon model you have.*

# KNOW YOUR PRODUCT

PRODUCT DESCRIPTION : BCD055DGB



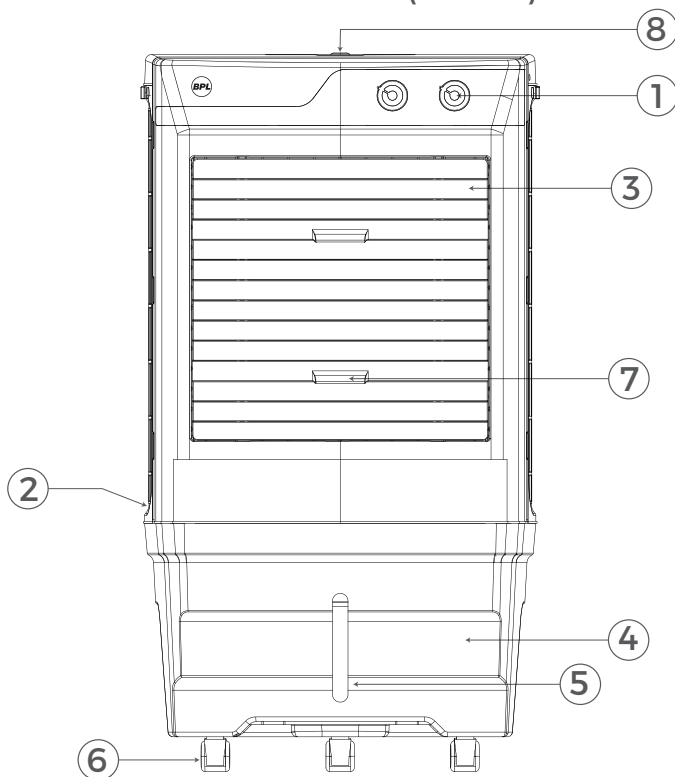
1. Control Panel
2. Water Inlet
3. Horizontal Louver
4. Water Tank
5. Water Level Indicator
6. Castor Wheel
7. Louver Lever



*The picture is for reference only. Please refer to the real Product as standard. Attachments and accessories may vary depending upon model you have.*

# KNOW YOUR PRODUCT

PRODUCT DESCRIPTION : BCD065DGC (4 Wheel)  
BCD085DGC (5 Wheel)



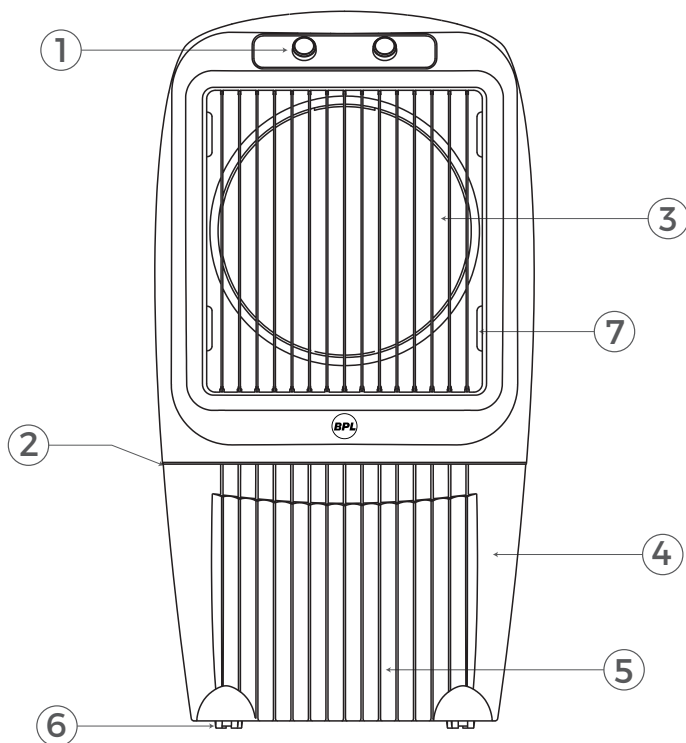
- 1. Control Panel
- 2. Water Inlet
- 3. Horizontal Louver
- 4. Water Tank
- 5. Water Level Indicator
- 6. Castor Wheel
- 7. Louver Lever
- 8. Ice Chamber



*The picture is for reference only. Please refer to the real Product as standard. Attachments and accessories may vary depending upon model you have.*

# KNOW YOUR PRODUCT

PRODUCT DESCRIPTION : BCD070CGB



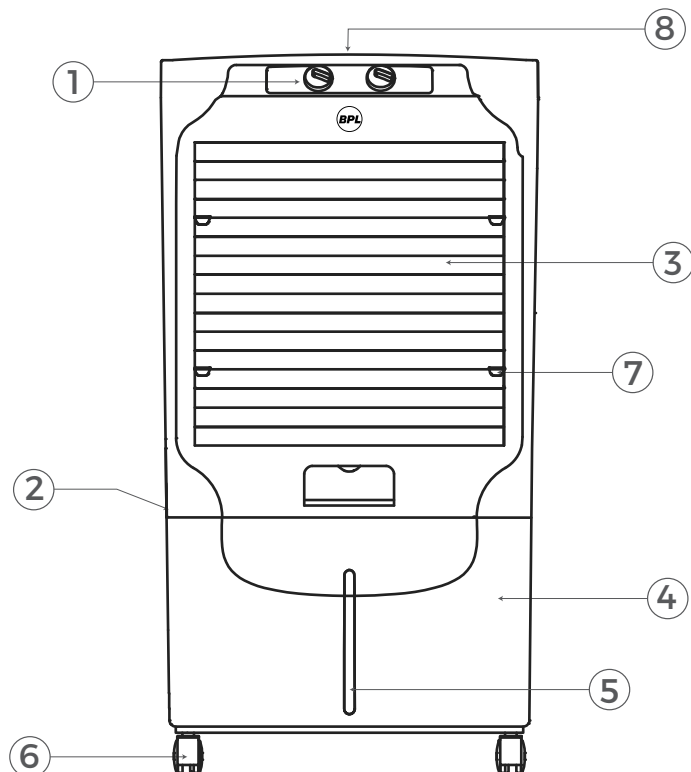
1. Control Panel
2. Water Inlet
3. Vertical Louver
4. Water Tank
5. Water Level Indicator
6. Castor Wheel
7. Louver Lever



*The picture is for reference only. Please refer to the real Product as standard. Attachments and accessories may vary depending upon model you have.*

# KNOW YOUR PRODUCT

PRODUCT DESCRIPTION: BCD075DGB



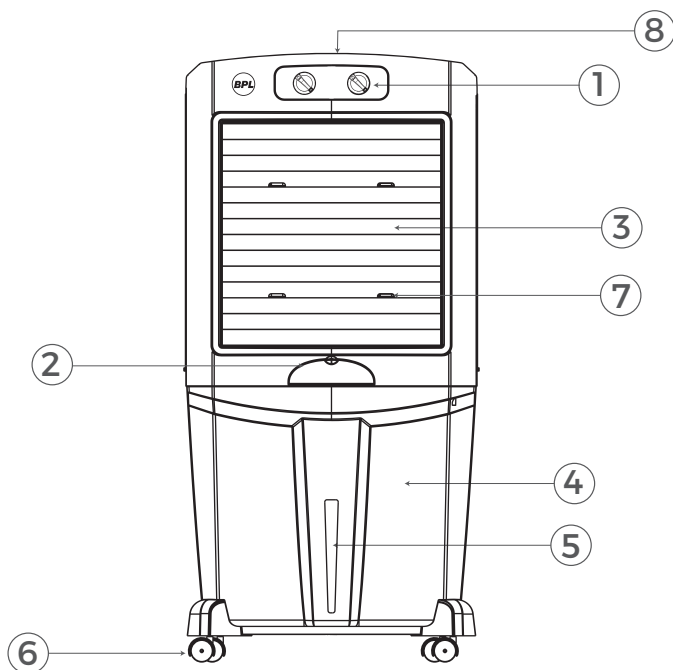
- 1. Control Panel
- 2. Water Inlet
- 3. Horizontal Louver
- 4. Water Tank
- 5. Water Level Indicator
- 6. Castor Wheel
- 7. Louver Lever
- 8. Ice Chamber



*The picture is for reference only. Please refer to the real Product as standard. Attachments and accessories may vary depending upon model you have.*

# KNOW YOUR PRODUCT

PRODUCT DESCRIPTION : BCD110DGL



1. Control Panel
2. Water Inlet
3. Horizontal Louver
4. Water Tank
5. Water Level Indicator
6. Castor Wheel
7. Louver Lever
8. Ice Chamber



*The picture is for reference only. Please refer to the real Product as standard. Attachments and accessories may vary depending upon model you have.*

# USAGE INSTRUCTIONS

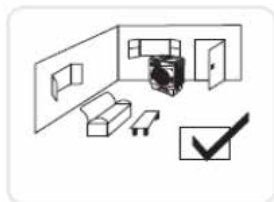
## INSTALLATION AREA



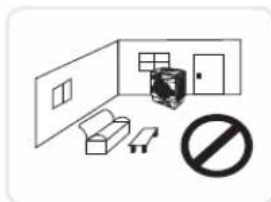
- *Stability is important to prevent the Product from wandering.*
- *Make sure the Product is not standing on the power cord.*

Before installing the Product, select a location that meets the following criteria:

- Rigid, dry and levelled surface.
- Avoid direct sunlight.
- Sufficient ventilation.
- Keep far away from heat resources such as coal or gas etc.



Room with open windows & door  
(RECOMMENDED)



Room with close windows & door  
(NOT RECOMMENDED)

## UNPACKING THE AIR COOLER

- Remove the cardboard box and Styrofoam packing.
- Lift the Air Cooler and remove the base packing.
- Remove the Tie warp securing the power cord.
- Remove castor wheels and install them on the Cooler. (Ensure wheels with locks should be fixed on the front side of the Cooler.  
(models with rear locking wheels - BCD100DGN))



- *Packaging material (e.g. Films, Styrofoam, Polybag) can be dangerous for children.*
- *There is a risk of suffocation! Keep all packaging material well away from children.*



# USAGE INSTRUCTIONS

## PREPARATION BEFORE USING AIR COOLER



- Before using Air-Cooler please make sure it is installed properly.
- Before using it for the first time, the Air Cooler shall be operated in dry mode for 15 mins and then be filled with water for 2 hrs to clear odour.
- Water level indicator does not signify minimum or maximum level of water inside tank, it is only for judgment.

## COOLING



Following steps to be followed during air Cooler installation:

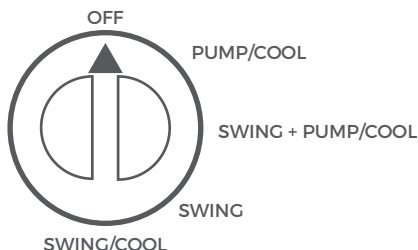
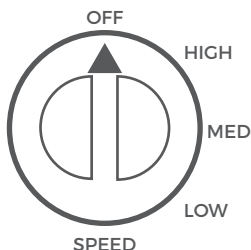
1. Always ensure that your Cooler is plugged into a rated voltage, frequency and earthing outlet only.
2. First, make a dry run to check all the functions of the Cooler.
3. Fill water into the tank with Filler /Pipe, and fill till the level of Indicator shown. (Caution: Do not overfill the tank).
4. Switch "ON" the power supply.
5. Switch "ON" the pump 5 minutes before switching ON the fan for proper honey pad wetting.
6. Switch "ON" the pump 5 minutes before switching "ON" the fan for proper honey pad wetting.
7. Run the Cooler for 2 hours so that during the first run all the unpleasant odour gets cleared.



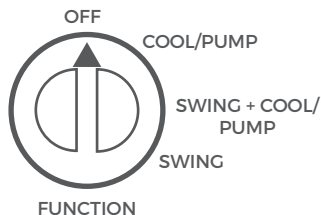
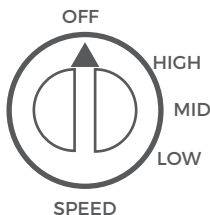
- Do not overfill.
- Do not start fan first, let honeycomb pad wet first.
- Few drops of water will spill at the start from the air Cooler grills.

# USAGE INSTRUCTIONS

## UNDERSTANDING THE CONTROL OPERATION



1. **POWER:** Cooler will be turned ON if you rotate the "POWER" knob clockwise to select ON and Cooler will be turned OFF if you rotate the "POWER" knob anti-clockwise to select OFF (for 3 Switch Control.)
2. **POWER:** Cooler will be turned ON if you rotate the "POWER/ SPEED" knob clockwise to select ON (HIGH) and Cooler will be turned OFF if you rotate the "POWER/ SPEED" knob anti-clockwise to select OFF. (for 2 Switch Control.)
3. **SPEED CONTROL:** Rotate the "SPEED" Knob clockwise to get desired level of speed (High, Medium, Low) for air delivery and rotate "Speed Control" knob anti-clockwise to select "OFF" only fan motor will be powered off.
4. **COOL/PUMP:** Rotate the "SWING/COOL/PUMP" or "FUNCTION" knob clockwise to select "COOL/PUMP" function. It will activate the water pump to circulate water in cooling pad for cool air.
5. **SWING + COOL:** Rotate the "SWING/COOL" or "FUNCTION" Knob clockwise to select the "SWING+COOL" function to get cool air with auto vertical deflection.
6. **SWING:** Rotate the "SWING/COOL" or "FUNCTION" knob clockwise to Select "SWING" function for auto air deflection in vertical direction. The swing function can be stopped at your desired angle.
7. **FUNCTION:** All the functions will be turned off if you rotate the "SWING/COOL" or "FUNCTION" knob anti-clockwise to select OFF.

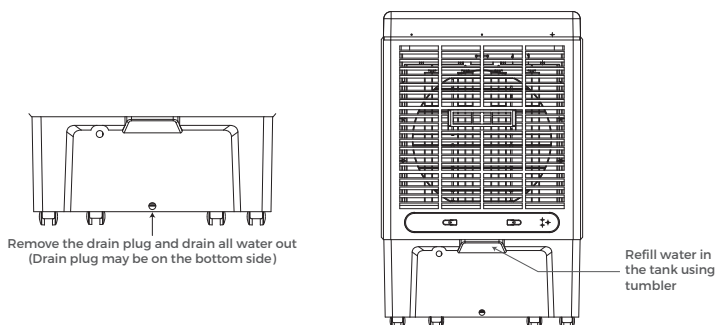


1. For Dry air, keep cool function "OFF".
2. The picture above is only for reference. The actual configuration will depend on physical Product.

# MAINTENANCE

## CLEANING AND DRAINING THE WATER TANK

- Before cleaning the Cooler, switch the Product OFF and remove the power cord plug from the socket.
- Move the Product to a location where the water can be drained. Remove the drain plug located at the bottom of the Product to empty the tank.
- Refill the water tank with clean water up to the maximum level and drain it completely.
- Use a damp cloth to remove the dirt and dust from the surface of the Product, never use corrosive elements or chemicals to clean this Product.
- When the Product is not in use, store the Product in a dry place away from direct sunlight.



## CLEANING OF HONEYCOMB

- Before cleaning the honeycomb pad, switch the Product off and remove the powercord plug from the main socket.
- Remove the honeycomb from the Cooler Product and clean the honeycomb by pouring clean water until accumulated dust gets removed.
- Take Cooler outdoor for draining water. To drain the water from Cooler remove the plug which is provided at the bottom of the tank.
- Fix the disassembled honeycomb pad back to the panel and refit it.

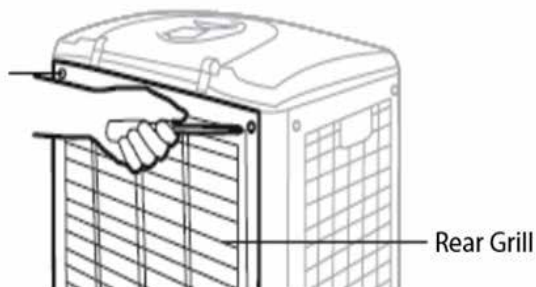


*In case the air Cooler is not to be used for a long period, strictly follow the maintenance guideline to increase the Product life.*

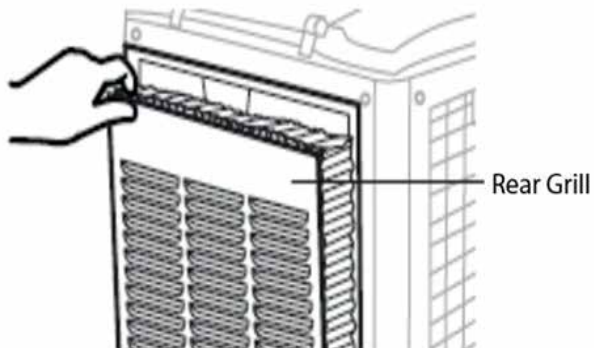
# MAINTENANCE

## EASY STEPS TO REMOVE THE BACK PANEL HONEYCOMB

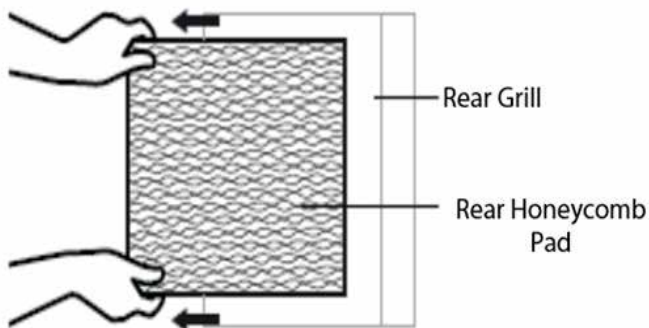
Step 1



Step 2



Step 3



*After checking, Turn ON the air Cooler. If the problem persists, please contact the service center.*

# MAINTENANCE

## TROUBLESHOOTING

S/N	Problem	Cause	Solution
1	No discharge of air.	Power cord is not plugged in.	Make sure power cord is plugged in and the supply switch is ON.
		Power Supply Cut.	Check that Product main supply plug is connected to main socket and Supply is ON.
			Check if the House Fuse is intact in the supply line.
2	Not Cooling / Product is making Noise.	The pump is not Turned ON.	Turn ON the Cool Function from the Control Panel.
		Low or no water in the tank when cool is selected.	Refill water in the tank.
		Damaged pump or Calcium deposits on Blower.	Contact Service Person.
3	Odour emission.	New Product.	When the Product is used for the first time the honeycomb cooling media will have an odour which will dissipate within a week of initial use.
		Old Product.	There may be an Algae issue. Replace the honeycomb cooling media, and Contact the Service person.

# MAINTENANCE

## TROUBLESHOOTING

S/N	Problem	Cause	Solution
4	Cooler not operating initially.	The power cord is not plugged in.	Make sure the power cord is plugged in and the supply switch is ON.
		Power outlet or faulty power supply.	Check the power outlets. Check the power supply with the technician.
		Incorrect Voltage.	Check that the power supply is the same as specified on the rating label.
5	Noise	Motor assembly if the screw is loose.	Retighten the screws of the motor.
		Pump is running in dry condition.	Refill the water in the tank.



*Given technical details are for information only. Do not try to service Air Cooler by yourself, until and unless you are instructed or trained for doing so.*

# PRODUCT DETAILS

## PRODUCT FEATURES MATRIX

Models	Features							
	Inverter Compatibility*	Dry Run Protection	4-Way Deflection	Water Level Indicator	Long Air Throw**	Speed Level Control	Castor Wheel	Ice Chamber
BCD050BKB	√	√	√	√	√	√	√	√
BCD055DGB	√	√	√	√	√	√	√	x
BCD055DGN	√	√	√	√	√	√	√	x
BCD065DGC	√	√	√	√	√	√	√	√
BCD065CGP	√	√	√	√	√	√	√	x
BCD070CGB	√	√	√	√	√	√	√	x
BCD075BEL	√	√	√	√	√	√	√	√
BCD075DGB	√	√	√	√	√	√	√	√
BCD085DGC	√	√	√	√	√	√	√	√
BCD090CGP	√	√	√	√	√	√	√	x
BCD100DGN	√	√	√	√	√	√	√	x
BCD110DGL	√	√	√	√	√	√	√	√



\*-Performance of Cooler may vary depending on the Inverter load capacity.

\*\*-.Tested under internal lab testing method. Performance of Cooler may vary depending on environment condition.

# PRODUCT DETAILS

## TECHNICAL SPECIFICATIONS

Models	Parameters	
	Rated Voltage and Frequency (VAC/Hz)	Power Consumption (Watts)
BCD050BKB	230 V, 50 Hz AC, 1-Phase	225
BCD055DGN	230 V, 50 Hz AC, 1-Phase	175
BCD055DGB	230 V, 50 Hz AC, 1-Phase	180
BCD065CGP	230 V, 50 Hz AC, 1-Phase	220
BCD065DGC	230 V, 50 Hz AC, 1-Phase	190
BCD070CGB	230 V, 50 Hz AC, 1-Phase	180
BCD075BEL	230 V, 50 Hz AC, 1-Phase	155
BCD075DGB	230 V, 50 Hz AC, 1-Phase	180
BCD085DGC	230 V, 50 Hz AC, 1-Phase	190
BCD090CGP	230 V, 50 Hz AC, 1-Phase	220
BCD100DGN	230 V, 50 Hz AC, 1-Phase	175
BCD110DGL	230 V, 50 Hz AC, 1-Phase	155



*\*-Performance of Cooler may vary depending on the Inverter load capacity.*

*\*\*-.Tested under internal lab testing method. Performance of Cooler may vary depending on environment condition.*



# E-WASTE MANAGEMENT

## ENVIRONMENTAL INSTRUCTION

(Correct disposal of this Product as per E-Waste Management and Handling Rules.)



This marking on the Product, accessories or literature indicates that the Product and its electronic accessories (e.g. charger, battery, cables, etc.) should not be disposed off with other household waste at the end of their working life. Electronic equipments contain many hazardous metallic contaminants such as lead, cadmium, and beryllium and brominated flame-retardants. Improper handling and/or improper recycling of the Electronic Waste results in these hazardous metals / substances getting released into our eco and biological system, thereby leading to various health hazards. So, to prevent possible harm to the environment or the human health from uncontrolled waste disposal, please separate these items from other type of waste and recycle them responsibly to promote the sustainable reuse of material resources.

### DO'S

- 1) Always drop your used electronic Products, batteries and accessories after end of their life in nearest authorized collection point / center or hand over to authorized recycler for disposal.
- 2) Drop the discarded Electronics Equipments only in the bins meant for the Electronic Waste.

### DON'TS

- 1) The Product and its accessories are not meant for mixing into household waste stream or regular garbage bins.
- 2) Do not dispose damaged or leaking Lithium ion (Li-ion) battery with normal household waste.

## INFORMATION FOR IMPROPER DISPOSAL AND HANDLING

Any disposal through unauthorized agencies/person will attract action under the Environmental (Protection) Act, 1986.

If batteries are not properly disposed off, it can cause harm to human health or the environment.

For more information on safe disposal and recycling, please call on toll-free number 1800-309-0950 or visit our website <https://www.bpl.in/page/e-waste>

NOTE : This Product is RoHS compliant ✓<sub>RoHS</sub>

PWM EPR Regd. No. BO-20-000-10-AABCR1718E-22

Experts @ your service for your Product to perform at its  
best For Feedback/Complaints write to the Customer  
Manager at  
the Marketer's Address  
E-Mail ID: [customercare@bpl.in](mailto:customercare@bpl.in)  
Toll-Free No.: 1800-889-1047

BPL is a registered trademark of BPL Limited  
and is used under license by  
Reliance Retail Limited.

For any assistance / guidance for disposal or E-waste,  
Please call ontoll free no 1800-309-0950 or  
visit our website <https://www.bpl.in/page/e-waste>

