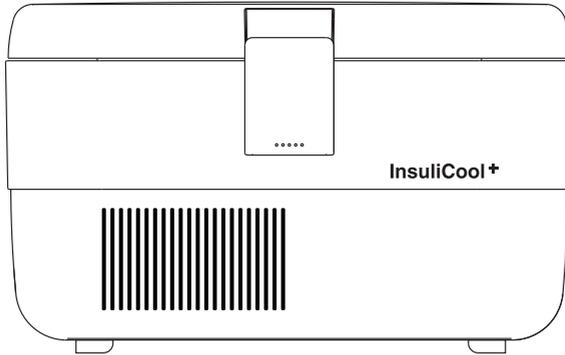


Godrej



InsuliCool & InsuliCool+

Live at ease with Diabetes

PROUDLY MANUFACTURED IN INDIA

USER MANUAL



SCAN TO KNOW MORE
ABOUT THE PRODUCT

Please read the user manual carefully before operating the product.

THINGS MADE THOUGHTFULLY

Dear Customer,

On behalf of Godrej Appliances, we welcome you to the Godrej family, and thank you for giving us an opportunity to serve you.

Godrej Appliances is a leading brand not just in technology and performance but also for its excellent customer service. We have more than 660 service centers across India, so that we can be close to our customers and serve them better. In order to get maximum out of your superior InsuliCool product range, we urge you to go through this detailed user manual.

For customers in India, if you need any assistance at any time, do not hesitate to text 'Hi' to 9321665511 on WhatsApp, send SMS to 56677, call us at 1-800-209-5511 or write to us at smartcare@godrej.com. For customers outside India, write to us at medref@godrej.com. We again thank you for giving us the privilege to serve you, and look forward to a long and delightful association.

Please read this user manual before operating the product and keep it carefully for future reference. Your safety & safety of others is very important. We have provided many important safety messages in this manual and on your product and its accessories. Always read and adhere to all safety messages.

This product is not intended for use by young children or infirm persons without supervision. Children should be supervised to ensure that they do not play with the appliance.

Warm Regards,
Team Godrej

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[#]Car adapter sold as an accessory separately.

KNOW YOUR PRODUCT & ITS FEATURES

Godrej InsuliCool product range is a portable and precise cooling system that stores insulin vials, pens, cartridges at a precise temperature between 2° - 8°C to retain its potency. Integrated with advanced solid state thermoelectric cooling technology, it works on both AC and DC power source, maintaining the right temperature at home or office, during travel, and power outages.

The Godrej InsuliCool product range consists of two variants; Godrej InsuliCool and Godrej InsuliCool+.

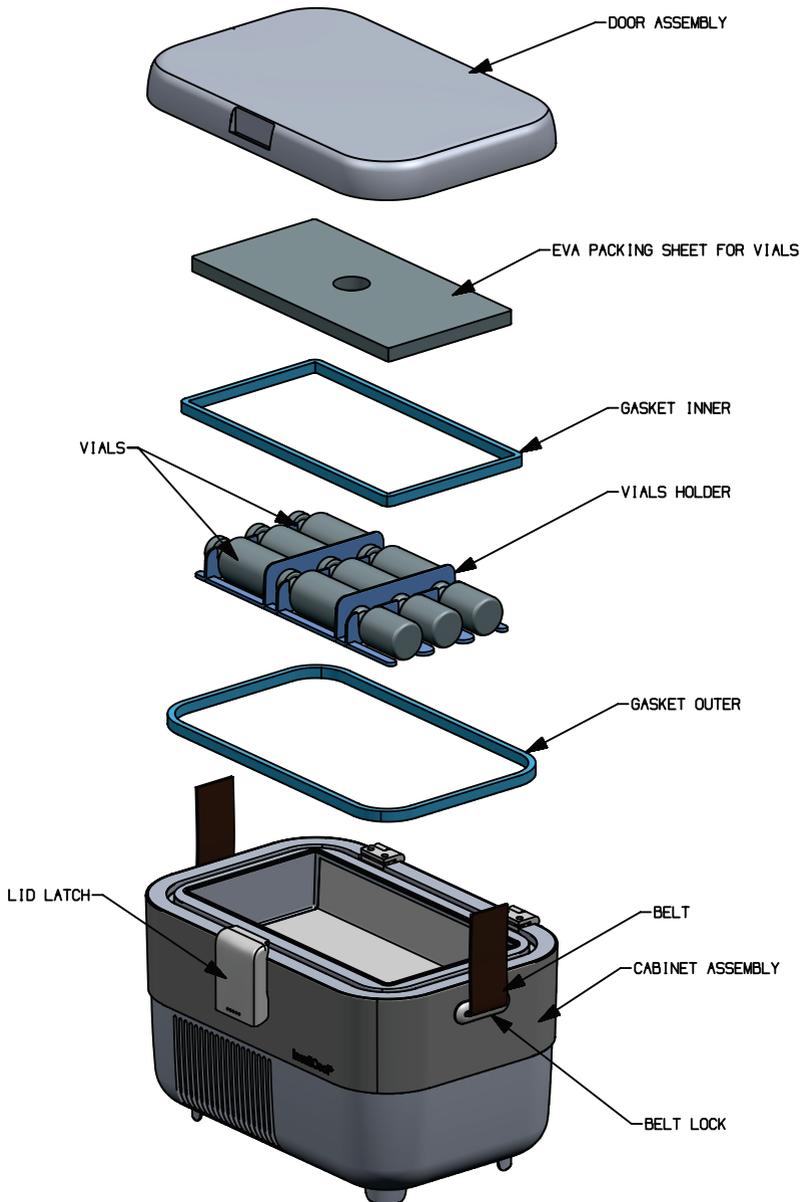
InsuliCool	InsuliCool+
Cooling Unit	Cooling Unit
Power Adapter	Power Adapter
Shoulder Belt	Shoulder Belt
---	20,000 mAh Power Bank with charging cable
---	Power Bank Pouch
---	Dual USB Cord

Our product is light weight, compact, and comes with a shoulder belt making it easily portable. It operates on 160-230V AC main supply with the provided power adapter. The product can also be powered with a car adapter[#] while travelling, and a 20,000 mAh external Power Bank which provides a backup of 4 hours. The lid latch ensures proper gasket sealing with no cooling loss.

Additionally, the Godrej InsuliCool product range comes with a removable vial holder. Apart from Insulin, it is also ideal for storing vital temperature sensitive vaccines, medicines, vials for drops, other medical samples and specimens at the precise 2° - 8°C temperature to ensure they are effectively preserved and their potency is retained.

[#]Car adapter sold as an accessory separately.

PARTS OF THE COOLING UNIT



INSTALLATION GUIDE

Correct installation is critical for proper functioning of the product. Installation can be done in 3 simple steps.

Step 1: Inspection of Location and Wall Power Socket

- Installation must be done in a well-ventilated open area, away from any source of heat (sun rays, heater/oven/gas stove), away from dusty locations & moist areas. It should not be placed where there is danger of water falling on to the product & its power adapter.
- Power supply must be in the range of 160V to 230V.

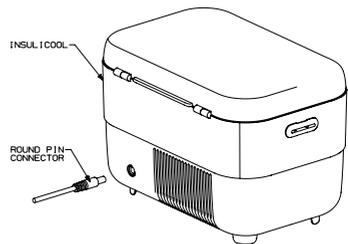
Step 2: Product Placement

- Take the product out of the packaging.
- Keep the product on a hard surface with at least 15cm gap from all sides for proper air ventilation.
- Place the product in the pre-determined location near the power source.
- Keep the power adapter 50 cm away from the cooling unit.
- Avoid use of extension board.

Step 3: Making the Product Operational

- Connect the 3 pin power adapter to the wall socket.
- Connect the output pin of the power adapter into the socket on the unit.
- Switch ON the power.

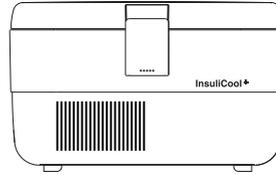
Check for smooth functioning of the fan and the temperature display.



For First time usage, Pre-cool the product for 1 hour before placing any items inside the unit.

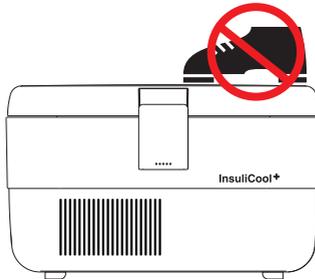
SAFETY INSTRUCTIONS

1. Keep flammable material away from the product as it may create risk of fire or explosion.



2. Electrical shock hazards:
 - a. Do not install the unit in an area where there is possibility of water falling on the Product / Power Adapter / Plug / Socket / Power Bank
 - b. Ensure that the power supply is stable in the range of 160V ~ 230V
 - c. Check for any damage on Wire/ Plug / Power Adapter

3. Do not climb on the product.



4. Be careful not to trap fingers while closing the lid.



5. If you find something wrong with the product, immediately unplug the product and consult with authorized service center.

USAGE INSTRUCTIONS

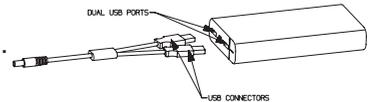
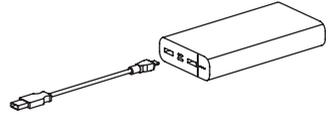
1. When the product is used with the provided power adapter, the maximum operating ambient temperature should be 43°C & humidity 70% RH (Relative Humidity).
2. When the product is used with the provided Power Bank/car adapter[#], the maximum operating ambient temperature should be 32°C & humidity 70% RH (Relative Humidity)
Note: Exposure to ambient temperatures higher than 32°C could lead to reduced performance. This can cause rise of temperature in the storage compartment above 8°C.
3. Do not use any power adapter other than the one provided with the product.
4. Use only the Power Bank and car adapter[#] supplied by Godrej.
5. Ensure that the unit is kept such that the vents of the cooler are not blocked.
6. Avoid placing the unit in dusty or humid environment, it is recommended to keep the unit in dry well-ventilated space.
7. Do not keep the unit in direct sunlight or near heat sources like the kitchen stove.
8. Wipe the moisture developed inside the unit with a dry cloth.
9. Open the unit only when required and minimize door openings.
10. Ensure that the lid is securely locked after usage. Do close the lid gently, do not use excessive force to close the lid.
11. Ensure vials are securely placed inside the vial holder and EVA pad placed above the vials before travelling.
12. Unit must always be kept in a powered-on state, do not use the unit in an unpowered state for storage as a passive cool box.
13. Wipe the unit from outside with a damp cloth periodically (Depending on the usage environment).
14. Before storing insulin inside the product it needs to be pre-cooled in a temperature range between 2° - 8°C.
15. **While administering insulin, do follow the advice of your Doctor / Diabetologist on the correct insulin temperature at which the dosage needs to be administered.**
16. Do not unscrew/open the unit by yourself.
17. Do not use scouring pads, powdered cleaners, bleach or cleaners containing bleach to clean the unit.
18. Do not try to remove belt locks from the unit.
19. Contact the service team immediately in case of any fault and as a make-shift arrangement transfer the stored contents to the refrigerator.

[#]Car adapter sold as an accessory separately.

USAGE INSTRUCTIONS

Instructions for Power Bank usage as an alternative during travel/power outages:

1. Use only the Power Bank provided by Godrej.
2. Charge the Power Bank fully using the provided charging cable & suitable USB port before using with the unit. Charging time will differ based on the USB port specifications used for charging Power Bank.
3. The provided Power Bank of capacity 20,000mAh provides a backup of 4 hrs on full charge. You can check whether the Power Bank is fully charged by pressing power button. All 4 LEDs light up when Power Bank is fully charged.
4. Ensure Insulicool product is not kept inside a bag or any closed place as it may block the air vent provided on the product that could affect its cooling.
5. There will be model variants of the Power Bank provided with Insulicool+. Based on the power bank model, it can have single or dual USB ports. In case of single USB port, use single USB connector of the dual USB cord & in case of Power Bank with two ports, use both USB connectors of the dual USB cord to run the product effectively.
6. Unplug dual USB cord from the Power Bank when not in use (as it will result in draining of Power Bank).



Power bank safety information:



Read all safety information below and operating instructions before using the Power Bank to avoid injury and damage to the unit. We assume no responsibility for the damage to the unit due to improper operation of the Power

WARNING: Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage or endanger your safety.

Handling the Power Bank

Do not keep Power Bank in a pocket or bag with metal objects. Do not drop, disassemble, open, crush, bend, deform, puncture, shred, microwave, incinerate, paint, or insert foreign objects into the Power Bank. Do not allow children or animals to chew or suck the device. Keep flammable materials away from the Power Bank. Failure to do so can result in explosion or fire. If the Power Bank becomes excessively hot during charging or discharging, unplug it from the power source and the appliance immediately. Always inspect the Power Bank and refrain from using it if leakage, strange odors, colour changes, deformation or any unusual occurrences detected.

Avoiding water and wet locations

Do not use this Power Bank in rain, or near washbasins, or other wet locations. Take care not to spill any food or liquid on the Power Bank. In case the Power Bank gets wet, unplug all cables, turn off the Power Bank (press the power button for 3 seconds) before cleaning, and allow it to dry thoroughly before turning it on again. Do not attempt to dry the Power Bank with an external heat source, such as microwave oven or hair dryer.

Avoiding hot environments

The Power Bank can be used in locations with an ambient temperature of 0°C to 32°C. Using the Power Bank beyond of the recommended temperature range may damage the device or reduce the battery's life span. Do not use your device in a hot environment or near fire. Avoid leaving the Power Bank in car parked under the sun

Repairing or modifying Power Bank

Never attempt to repair or modify the Power Bank, disassembling the Power Bank including the removal of external screws, may cause damage to it. If the Power Bank has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to the authorised service centre.

Effective way of recharging the Power Bank

Please use the provided micro-USB input connector for effective way of recharging the Power Bank, other AC adapter for connecting the Power Bank to the wall socket may cause damage to the Power Bank. Avoid charging Power Bank on places that build up heat.

Using connectors or ports

Never force a connector into a port, check for obstructions on the port. If the connector and port do not join with reasonable ease, they probably do not match. Make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port.

Note:

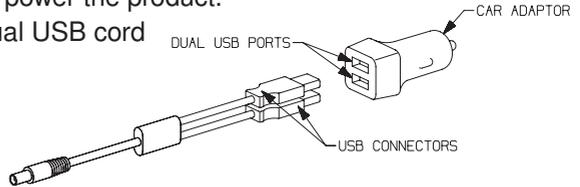
- In the event of a cell leaking, don't allow the liquid to come into contact with skin or eyes. If contact has been made, wash the affected area with water and seek immediate medical advise
- The Power Bank doesn't support charging and discharging at the same time.
- The Power Bank has an embedded, non-replaceable battery, do not attempt to open the Power Bank or remove the battery as this may cause injury and damage the Power Bank.
- Please do not use the Power Bank provided with Insulicool+ for charging of any other devices as it will affect the life of the Power Bank.
- Please contact the local recycling facility for removal of the battery. The embedded, non-replaceable battery is designed to last the lifetime of the product.



Do not dispose of lithium polymer battery with general waste.
Please return it to battery recycling collection point.

Instructions for car adapter[#] usage during travel:

1. Use only the car adapter provided by Godrej.
2. Insert the adapter inside the cigarette lighter port in the car and use the provided USB cord to power the product.
3. Use both the connectors of dual USB cord to run the product effectively.



4. Ensure that the car's engine is in the running mode while using the product with the car adapter to avoid draining the car battery.
5. Do not keep the product in the boot space of the car or inside a bag as it may block the air vent provided on the product that could affect its cooling.

[#]Car adapter sold as an accessory separately.

TECHNICAL SPECIFICATION

Product		InsuliCool Product Range
Dimension of cooling unit (L x W x H) cm		23 x 16 x 15
Weight of cooling unit (kg)		1.6
Capacity of cooling unit (ml)		560
AC Power Input		160V - 230V AC 50Hz
AC Current		1.5 A max
Power Consumption (W)		42
Temperature Cut-Off (°C)		3° - 5°C
Cooling Retention (without lid opening)		Less than 10 minutes
Operating Ambient Temperature (°C)	With Power adapter	43°C max & 70% RH
	With Car adapter [#] / Power bank	32°C max & 70 % RH

Product	Power Bank* Li-Polymer battery
Capacity	20,000 mAh
Max Output	18W
Certification Details	BIS
Charging Cable Length (cm)	30
Charging Connector Type	Micro USB / Type - C
Weight of Power Bank (g)	440
Dual USB cord length (cms)	180

Product	Car Adapter [#]
Output Power	18W
Connector Type	Dual USB – A port

*Power Bank included as a part of InsuliCool+, [#]Car adapter can be purchased separately.

TROUBLESHOOTING

Complaint	Symptoms	Possible Causes	Remedy
Unit not cooling / less cooling	Display showing higher than optimum temperature or taking longer time for cooling	<ul style="list-style-type: none"> • Ambient temperature very high • Unit installed in high temperature area • Frequent door opening • Lid sealing improper • Fan not working • Intermittent power failure/unit being switched OFF for long periods • Heavy dust formation on the warm air outlet grill. • Power Adapter is close to the cooling unit 	<ul style="list-style-type: none"> • Install the unit away from direct sunlight or any other source of heat. • Do not open the lid too many times. • If the lid gasket is worn out, contact service. • Do not keep the unit OFF for long periods. • Clean the grill with a soft brush. • Contact service if the problem persists despite the above steps. • Keep the power Adapter 50 cms away from the cooling unit.
Unit not working	No cooling, no temperature display or fan not working	<ul style="list-style-type: none"> • No power supply • Power adapter defective • Loose connection from power adapter to unit • PCB defective sensor dislocated or defective 	<ul style="list-style-type: none"> • Check if the power socket is getting power, change source if improper. • Check for input green indicator on the power adapter. Contact service if no indication is seen on the adapter. • Check if the adapter is securely connected to the socket on the unit. • Check display PCB temperature, if display is not powered then contact service. • If display is powered but showing "LL" or sensor is faulty then contact service. • If display is showing temperature but fan is not running then contact service.

TROUBLESHOOTING

Complaint	Symptoms	Possible Causes	Remedy
Water Accumulation/ Sweating	Too much water accumulation inside Storage chamber	<ul style="list-style-type: none"> • Humidity is very high • Lid latch or sealing not proper 	<ul style="list-style-type: none"> • Periodically remove the accumulating water with the help of a dry cloth or sponge. • Minimize opening the lid too many times and open only for shorter durations. • Install the unit away from moist areas. • If the lid gasket is worn out contact service. • If the latch is broken then contact service.
Noisy operations	Noise while unit is in operation	<ul style="list-style-type: none"> • Heavy dust formation on the warm air outlet grill • a foreign particle stuck between the fan blades • Fan motor wire touching the blades 	<ul style="list-style-type: none"> • Clean the air outlet grill with a soft brush. • Remove any foreign particle stuck in the grill. • Contact service if the noise persists.
Difficulty in lid opening	Lid is not opening easily from the unit cabinet	<ul style="list-style-type: none"> • Forceful closure of the lid • Moisture accumulation around the gasket 	<ul style="list-style-type: none"> • Switch off the product for 5-10 mins and then open the lid. • Wipe off any moisture accumulated around the inner and outer gaskets. • Do not try to force open the lid using any sharp objects like knife, screwdriver, etc.

FREQUENTLY ASKED QUESTIONS

Q.1. How does InsuliCool product range work?

Ans. InsuliCool product works on thermoelectric cooling technology.

Q.2. What is thermoelectric cooling technology?

Ans. Thermoelectric cooling is a solid-state cooling technology which delivers cooling without any compressor or refrigerant.

Q.3. What is the temperature maintained by Insulicool product ?

Ans. It maintains the temperature between 2° - 8° C which is just the right temperature for storing Insulin.

Q.4. Can it be used to store anything other than insulin?

Ans. Yes, it can be used to store vaccines, medicines, biological samples and specimens which need to be maintained at a temperature between 2° C and 8° C.

Q.5. How do we assure that the desired range of temperature is maintained?

Ans. There is a temperature display on the front side of the product which will accurately show you the temperature maintained.

Q.6. How many vials can be kept inside?

Ans. Vial holder can accommodate 9 vials of 10 ml each.

Q.7. What if vials are kept without the use of vial holders and EVA sheet?

Ans. Vials can be kept inside the cavity without the vials holder, but it may end up rolling around and there are chances the vials may break.

Q.8. Can insulin pens and cartridges be stored inside?

Ans. Yes, 2 pens and 5 cartridges can be stored. You will need to remove the vials holder for storing this.

Q.9. What precaution must be taken before keeping vials in the InsuliCool product ?

Ans. Vials must be precooled before keeping them inside the product and product must be kept on for an hour before keeping vials.

Q.10. What precaution should be taken while administering the doses?

Ans. After administering the doses, ensure that the lid is properly closed and locked to avoid any cool air leakage.

FREQUENTLY ASKED QUESTIONS

Q.11.What precautions must be taken during installation?

Ans. Do not keep the cooler in direct sunlight or near heat sources like the kitchen stove. Unit must be kept at distance of 15 cm away from the wall. Ensure that it is kept such that the vents of the cooler are not blocked. It should be kept on a hard surface Avoid hot or humid areas and place in a dry, dust free, well-ventilated space.

Q.12.Can it be hung on the wall with the strap?

Ans. This is not recommended because the product will not be 15 cm away from the wall when hung on the strap.

Q.13.What is the alternative in case of power outages?

Ans. Use the external Power Bank. In case the Power Bank is discharged, as an make-shift arrangement remove the stored contents and keep it inside the refrigerator.

Q.14.How long will the product retain the temperature in case of a power outage?

Ans. When used with fully charged 20,000 mAh Power Bank, the unit will run for 4 hours.

Q.15.How do we clean the unit?

Ans. It can be cleaned both outside and inside, with a dry soft cloth. Any water condensation must be wiped with a dry cloth.

Q.16.Can I use this product during travel?

Ans. Yes, this product can be used during travelling. Use AC power source wherever available and if power source is not available then an external Power Bank can be used. The external Power Bank provides backup of 4 hours on full charge. If you are travelling by a personal vehicle then use the Car adapter[#]. Ensure the product is not kept inside a bag or any closed place as it may block the air vent provided on the product that could affect its cooling. Minimize exposure to ambient temperatures higher than 32°C, as it could lead to reduced performance. This can cause rise of temperature in the storage compartment above 8°C.

[#]Car adapter sold as an accessory separately.

FREQUENTLY ASKED QUESTIONS

Q.17.What if the cooler doesn't maintain temperature?

Ans. Take the product to the nearest authorized Godrej Smart Care centre. (Refer Service Contact section in the manual).

Q.18.What is the power consumption of the product?

Ans. 42W.

Q.19.What is the warranty on the product?

Ans. We provide a 1 year warranty from the date of purchase. Warranty is covered for specific functional parts only including power adapter, thermoelectric chip, PCB, sensor and fan motor. For the Power Bank we provide 3 months warranty from the date of purchase.

LEGAL INFORMATION

DISCLAIMER

The material in this manual is general and for informational purposes only. Information in this document is believed to be accurate and reliable. However, the Company does not give any representations or warranties, expressed or implied, as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information.

The Company reserves the right to make changes to information published in this document, including without limitation specifications and product descriptions, at any time and without notice.

Godrej and Boyce Mfg. Co. Ltd. disclaims all liability connected with actions and damages caused as a result of not following the safety guidelines and operating instructions mentioned herein in this user manual.

WARRANTY

Godrej and Boyce Mfg. Co Ltd ("G & B") offers the original purchaser of the Insulin Cooler 1 year comprehensive warranty, from the date of its purchase.

G&B warrants that if within a period of 1 year from the date of purchase of the product bearing Sr. No. mentioned below, the same is found defective on account of any of its parts proving to be defective in material or workmanship, the same shall be repaired or replaced free of charge. The question, however, whether the product as a whole or any of its parts are defective or inoperative due to faulty material or workmanship shall be within the sole discretion of G & B.

G & B's obligations under this warranty shall be limited to repairing or providing replacement of the cooler and other parts such as power adapter, thermo-electric chip, PCB, sensor and fan motor (except dual USB cord, pouch & belt) which thus proves defective within one year from the date of original purchase and which on G & B's examination discloses to its satisfaction to be thus defective. For the Power Bank & its charging cable, the warranty period will be 3 months from the date of purchase of the product. The question, however, whether the product as a whole or any of its parts are defective or inoperative due to faulty material or workmanship shall be within the sole discretion of G & B.

Limitations of warranty:

1. This warranty shall not apply to defects, arising
 - (a) By reasons of accident, alteration, abuse, misuse, neglect, improper installation, unauthorized repairs or replacement or loss of original parts, fire, flood or other acts of God.
 - (b) If the product is not used as per the guidelines and instructions given in the user guide. Charges for repairs of this nature, if carried out will have to be borne by the original purchaser.
2. In the event, G & B carries out repairs or replacement of any parts during the said warranty period, the warranty shall thereafter continue only for the unexpired period of the original warranty and the purchaser shall not be entitled to insist on the original warranty being extended from the date of such repairs or replacement. G&B's employees and or dealer/service provider have no authority to vary the terms of this warranty.
3. This warranty will automatically terminate on the expiry of one year, even if the cooler may not be in use for any time during the warranty period for any reason whatsoever.
4. While G & B will make every effort to carry out repairs/replacements of parts under this warranty as soon as possible, it is expressly made clear that G & B shall not be liable to do so within any specified period of time.
5. The warranty does not cover any accessories external to the product like Power Bank pouch etc., even though those marked by G & B.
6. In case of any replacement of any part or entire product, the entire part or entire product shall be returned to G & B, immediately.
7. This warranty shall not extend towards the payment of any compensation to anyone or entitle the purchaser/customer to claim for consequential loss or damage from G & B.
8. Warranty is void if servicing has been done by an unauthorized service person.
9. This Warranty Card must be duly filled in, stamped and signed by the Dealer and the Customer. This card and the relevant cash memo must be preserved and be produced along with the defective units. Warranty is void if this warranty card is not duly completed or properly signed at the time of purchase.
10. Warranty shall not apply to defects caused by reasons beyond the control like abnormal voltage conditions like power surges in AC mains power supply, Excessive AC mains power supply voltage than specified in the User guide / Datasheet, Improper Earthing etc.

Godrej & Boyce Mfg. Co. Ltd. - Appliance Division CUSTOMER COPY

MODEL NO.:
UNIT & SR. NO.

DATE OF PURCHASE

CUSTOMER'S NAME & ADDRESS

TEL.: _____

DEALER'S NAME & ADDRESS

TEL.: _____

Customer's Signature: _____

WARRANTY

After Sales Service for customers in India

EMAIL: smartcare@godrej.com

SMS to 56677

HELPLINE NUMBER: 1-800-209-5511 (24x7)

WhatsApp "Hi" on 93216 65511

Website www.godrejsmartcare.com

For any service rectification, kindly get your product to the nearest service center along with the invoice. To know your nearest service center or for any service related query, contact us on the above toll free or WhatsApp number.

After Sales Service for customers outside India

EMAIL: medref@godrej.com

Product Disposal



Each country will have its own laws regarding decommissioning of appliances and customers are advised to adhere to relevant in-country procedures during the process of writing-off and physically disposing of equipment that is no longer effective.

It is the responsibility of the user to ensure that the product is disposed off properly.

Registered office address: Godrej & Boyce Mfg. Co. Ltd. (Appliance Division)

Plant 11, Pirojshanagar, Vikhroli West, Mumbai - 400 079.

Godrej

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Disclaimer: Images shown in the manual are representative only actual product may vary.

