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› LG GL-T502CESR 446L Frost-Free Double Door Refrigerator User Manual

LG GL-T502CESR

LG GL-T502CESR 446L Frost-Free Double Door Refrigerator User Manual

Model: GL-T502CESR

1. IMPORTANT SAFETY INFORMATION

Read all instructions before using the appliance to prevent the risk of fire, electric shock, or injury to persons. Keep this manual for future reference.

Electrical Safety

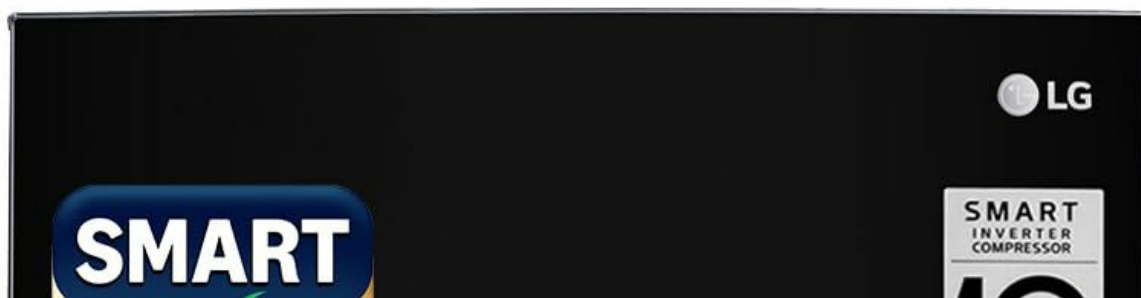
- Ensure the refrigerator is connected to a properly grounded outlet.
- Do not use extension cords or ungrounded adapters.
- Do not plug multiple appliances into the same outlet.
- Unplug the refrigerator before cleaning or performing any maintenance.

Installation Safety

- Install the refrigerator on a firm, level surface.
- Ensure adequate ventilation around the appliance. Maintain recommended clearances from walls and other appliances.
- Do not install the refrigerator in areas exposed to direct sunlight or near heat sources.

2. PRODUCT OVERVIEW

The LG GL-T502CESR is a 446-liter Frost-Free Double Door Refrigerator designed for efficient cooling and convenient storage. It features Door Cooling+, a Smart Inverter Compressor, and a convertible freezer for flexible use.





CONVERTIBLE

DoorCooling⁺™

Front view of the LG GL-T502CESR 446L Frost-Free Double Door Refrigerator.

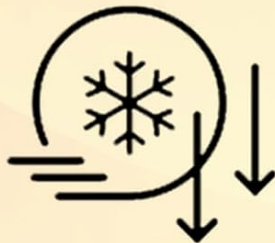
Smart Diagnosis™

Detects problem automatically



Express Freeze

Fast chill, Freshness seal



Deodorizer

Fresh smelling fridge

Pull-out Tray

Slide out for easy reach



Store More with Bigger Capacity



Interior view of the refrigerator, showcasing storage compartments and shelves.

Key Features:

- **Convertible Freezer:** Allows conversion of the freezer compartment to a refrigerator compartment.
- **Door Cooling+:** Provides faster and more even cooling throughout the refrigerator, including the door area.
- **Smart Inverter Compressor:** Ensures energy efficiency, silent operation, and enhanced durability.
- **Frost Free:** Prevents ice build-up, eliminating the need for manual defrosting.
- **Multi Air Flow:** Maintains ideal temperature levels to keep food fresher for longer.
- **Smart Diagnosis™:** Helps in quick troubleshooting of issues via a smartphone app.
- **Toughened Glass Shelves:** Designed to carry heavy loads without breaking.
- **Anti-Bacterial Gasket:** Protects food from bacteria and dust.
- **Automatic Home Inverter Connection:** Connects to your home inverter for uninterrupted cooling during power outages.

3. SETUP AND INSTALLATION

Unpacking

- Carefully remove all packaging materials, including tape and protective films.
- Inspect the refrigerator for any damage during transit. Report any damage to your dealer immediately.

Location Requirements

- Place the refrigerator on a strong, level floor capable of supporting its weight when fully loaded.
- Allow at least 5 cm (2 inches) of space on the sides and back, and 10 cm (4 inches) on top for proper air circulation.
- Avoid direct sunlight and heat sources (e.g., stove, heater).
- Ensure the ambient temperature is within the recommended range for optimal performance.

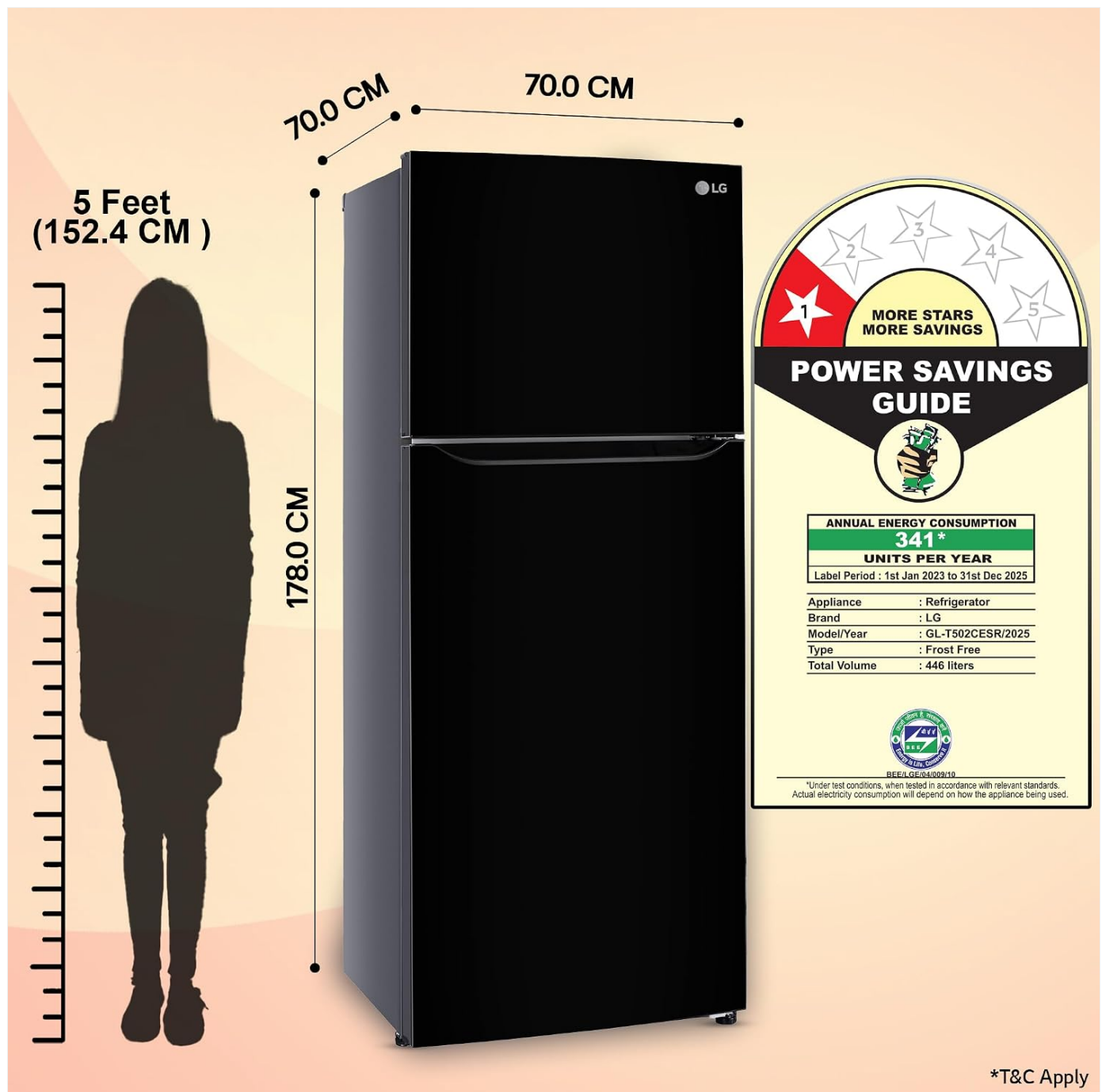


Illustration of refrigerator dimensions: 70 cm (D) x 70 cm (W) x 178 cm (H).

Leveling the Refrigerator

- Use the adjustable leveling feet at the bottom front of the refrigerator to ensure it is level.
- A slight tilt backward (about 1-2 degrees) is recommended for proper door closing.

Electrical Connection

- Plug the power cord into a dedicated 220V, 50Hz, 3-pin grounded wall outlet.
- Do not turn on the refrigerator immediately after plugging it in. Wait for at least 2-4 hours to allow the refrigerant to settle.

Initial Cleaning

- Before storing food, clean the interior and exterior of the refrigerator with a soft cloth and mild detergent. Rinse with clean water and dry thoroughly.

4. OPERATING INSTRUCTIONS

Temperature Control

- The refrigerator features separate temperature controls for the freezer and fresh food compartments.
- Adjust the settings according to your needs and the amount of food stored. Refer to the control panel inside the refrigerator for specific adjustments.

Door Cooling+™

This feature ensures that items stored in the door bins receive consistent cooling, helping to keep them fresh. Air vents located at the top of the refrigerator compartment direct cold air towards the door area.



Diagram illustrating the Door Cooling+ airflow within the refrigerator.

Multi Air Flow System

Multiple vents strategically placed throughout the refrigerator ensure even distribution of cold air, maintaining a stable temperature and keeping food fresher for longer.



*The image of the product are for illustration purpose only and may differ from actual product.

Visual representation of the Multi Air Flow system distributing cold air.

Convertible Freezer Operation

The freezer compartment can be converted into a refrigerator compartment when additional fresh food storage is needed. Use the control panel to switch between Freezer Mode and Fridge Mode.

- **Freezer Mode:** Standard operation for freezing food.
- **Fridge Mode:** Converts the freezer section to function as a refrigerator, maintaining temperatures suitable for fresh food.

Convert the Freezer When You Need More Fridge Space



Diagram showing the freezer converting to a fridge compartment.

Express Freeze

Activate Express Freeze for rapid freezing of newly added items. This function quickly lowers the freezer temperature to preserve food quality. It automatically turns off after a set period or can be manually deactivated.

Deodorizer

The built-in deodorizer helps to reduce unpleasant odors inside the refrigerator, keeping the interior fresh. No maintenance is typically required for this feature.

Automatic Home Inverter Connection

This refrigerator is designed to connect automatically to your home inverter during power cuts, ensuring continuous cooling and food preservation. The Smart Inverter Compressor optimizes energy consumption during inverter operation.



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Illustration of the refrigerator connected to a home inverter system.

5. MAINTENANCE

Cleaning the Interior

- Unplug the refrigerator before cleaning.
- Remove all food items and shelves.
- Wash shelves and bins with a mild detergent solution and warm water. Dry thoroughly.
- Wipe the interior walls with a soft cloth dampened with a baking soda solution (2 tablespoons baking soda to 1 liter water) or a mild detergent.
- Rinse and dry thoroughly to prevent odors.

Cleaning the Exterior

- Wipe the exterior surfaces with a soft, damp cloth. For stubborn stains, use a mild, non-abrasive cleaner.
- Avoid using abrasive cleaners, harsh solvents, or sprays directly on the surface.
- Clean the rear condenser coils periodically (every 6-12 months) with a vacuum cleaner attachment to maintain efficiency.

Anti-Bacterial Gasket

The door gasket is treated to prevent bacterial growth. Clean the gasket regularly with a damp cloth to ensure a tight seal and prevent mold or mildew buildup.



Close-up of the anti-bacterial door gasket.

Toughened Glass Shelves

The shelves are made of toughened glass for durability. Handle them with care during cleaning. Avoid dropping them or exposing them to extreme temperature changes.

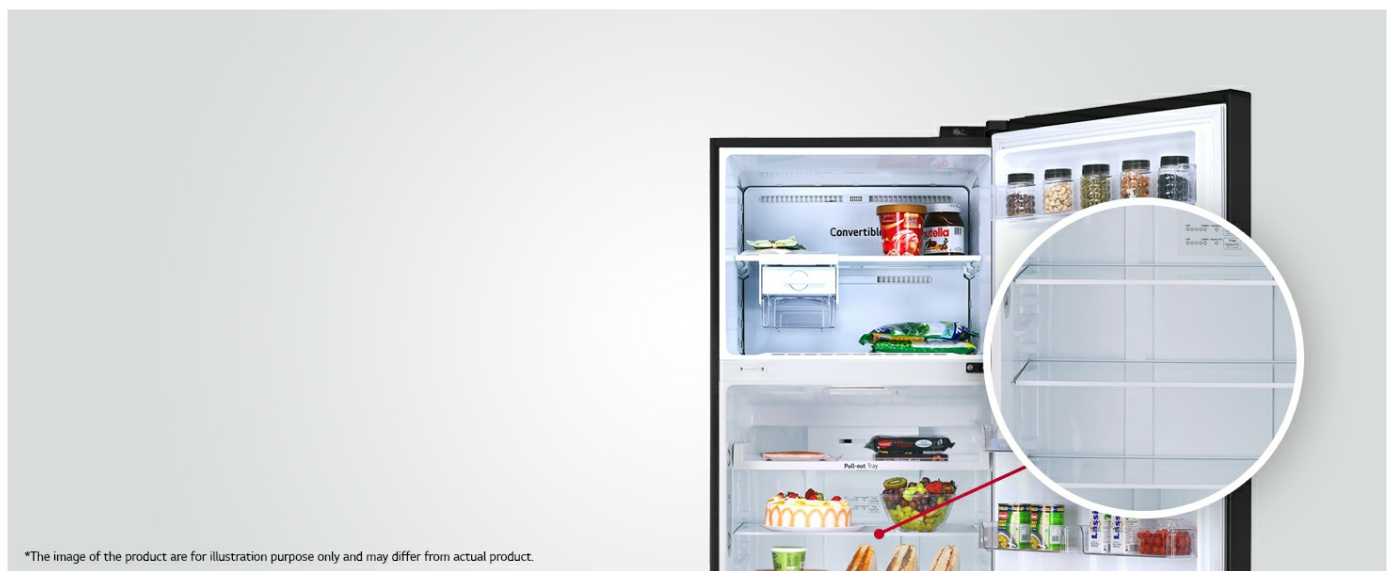


Image showing the toughened glass shelves inside the refrigerator.

Auto Defrost

This refrigerator features an automatic defrost system. Ice buildup in the freezer compartment is automatically melted and drained, eliminating the need for manual defrosting.

6. TROUBLESHOOTING

Before contacting service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator does not operate.	Power cord unplugged; circuit breaker tripped; power outage.	Check power cord connection; reset circuit breaker; check household power supply.
Refrigerator is not cold enough.	Temperature setting too high; door left open; excessive food load; poor ventilation.	Adjust temperature setting; ensure door is closed properly; reduce food load; ensure proper air circulation.
Unusual noises.	Refrigerator not level; items rattling inside; compressor noise (normal).	Level the refrigerator; rearrange items; compressor noise is normal during operation.
Water on the floor.	Drain pan overflowing; clogged drain tube.	Check and empty drain pan; clear any blockage in the drain tube.

Smart Diagnosis™

For more advanced troubleshooting, utilize the Smart Diagnosis™ feature. This allows you to transmit data about your refrigerator's issues to LG service center via a smartphone app, enabling quicker and more accurate diagnosis.



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Diagram illustrating the Smart Diagnosis feature with a smartphone.

7. SPECIFICATIONS

Feature	Specification
Model Name	GL-T502CESR
Capacity	446 Liters (Fresh Food: 332 L, Freezer: 114 L)
Product Dimensions (D x W x H)	70D x 70W x 178H Centimeters
Configuration	Freezer-on-Top, Double Door
Defrost System Type	Frost Free
Energy Rating	1 Star
Annual Energy Consumption	341 Kilowatt Hours Per Year
Compressor Type	Smart Inverter Compressor
Shelf Type	Toughened Glass
Refrigerant	R-600A
Item Weight	71 Kilograms
Voltage	220 Volts

8. WARRANTY AND SUPPORT

Warranty Information

This LG refrigerator comes with a manufacturer's warranty:

- **Product Warranty:** 1 year comprehensive warranty from the date of purchase.
- **Compressor Warranty:** 10 years warranty on the Smart Inverter Compressor (Terms & Conditions Apply).

To activate and claim warranty, in most cases, the warranty is automatically activated from the date of purchase. For claims, provide your purchase invoice, model number, and serial number to LG customer care. Physical damage, unauthorized repairs, and improper usage may void the warranty.

Customer Support

For any queries, assistance, or service requests, please contact LG customer care:

- **Telephone:** 08069379999
- **WhatsApp:** 9711709999
- **Email:** serviceindia@lge.com

When contacting support, please have your product's model name (GL-T502CESR) and purchase details ready.

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