

LG GL-T502FES4

LG GL-T502FES4 471 L Inverter Frost-Free Double Door Refrigerator User Manual

Model: GL-T502FES4

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG GL-T502FES4 471 L Inverter Frost-Free Double Door Refrigerator. Please read these instructions thoroughly before operating your appliance and retain them for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

- Ensure the refrigerator is placed on a firm, level surface.
- Do not install the appliance in direct sunlight or near heat sources.
- Maintain adequate ventilation around the refrigerator for optimal performance and safety.
- Connect the appliance to a properly grounded electrical outlet.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings in the appliance enclosure or in the built-in structure clear of obstruction.

3. SETUP AND INSTALLATION

3.1 Unpacking

Remove all packaging materials, including tape and protective films, from the refrigerator. Inspect the appliance for any damage incurred during transit.

3.2 Placement

Position the refrigerator on a stable, level floor. Ensure there is sufficient space around the appliance for proper air circulation. The recommended clearances are 5 cm (2 inches) from the rear and sides, and 30 cm (12 inches) from the top.



 **Inverter Linear**
Compressor

LG ThinQ

Convertible**PLUS**

Image: Overall dimensions of the LG GL-T502FES4 refrigerator. The unit measures approximately 178 cm in height, 73 cm in depth, and 70 cm in width.

3.3 Electrical Connection

Connect the refrigerator to a dedicated 230 Volt, 50 Hz AC power outlet. This model is designed to work without an external stabilizer within a voltage range of 100-310V. Allow the refrigerator to stand for at least 2-3 hours before plugging it in to allow refrigerants to settle.



Image: Rear view of the refrigerator, highlighting the compressor and ventilation components. Ensure this area is not obstructed for efficient operation.

3.4 Initial Operation

After plugging in, set the temperature controls. Allow the refrigerator to operate for several hours (at least 4-6 hours) empty before loading food items. This ensures the interior reaches the optimal cooling temperature.

4. OPERATING INSTRUCTIONS

4.1 Temperature Control

The refrigerator features an E Micom Touch control panel for precise temperature adjustments. Refer to the display panel for current settings and adjustment options.

4.2 Key Features

- **Inverter Linear Compressor:** Provides uniform cooling, energy efficiency, reduced noise, and enhanced durability.
- **Door Cooling+:** Delivers consistent cooling to items stored in the door compartments.
- **Convertible Plus (Dual Fridge):** Allows conversion of the freezer compartment into a refrigerator for additional fresh food storage capacity.
- **Smart Diagnosis:** Enables quick and easy troubleshooting of issues via the LG ThinQ app.
- **Smart Connect (Auto Smart Connect):** Automatically connects to your home inverter during power outages.
- **Wi-Fi:** Integrated Wi-Fi for smart control and monitoring via the LG ThinQ app.
- **Multi Air Flow:** Ensures even cooling throughout the refrigerator compartments.
- **Moist Balance Crisper & Humidity Control:** Maintains optimal moisture levels for fruits and vegetables in the dedicated veg box (29.1L).
- **Deodorizer:** Helps to keep the interior fresh and free from odors.
- **Super Chill:** Rapidly cools newly added items.

LINEARCooling™

DoorCooling+™



Works without
Stabilizer



Image: Interior view highlighting LINEAR Cooling, Door Cooling+, and the refrigerator's ability to operate without an external stabilizer.

Auto **SMART CONNECT™**



Smart Diagnosis™



Toughened Glass
Shelves



Image: Interior view showcasing Auto SMART CONNECT, Smart Diagnosis, and the durable Toughened Glass Shelves.

4.3 Storage Compartments

The refrigerator includes 2 trimless tempered glass shelves, multiple door baskets (2F door basket (full), 1+2 R door basket (half+full)), a 2L bottle storage area, an egg cum ice tray, and a double twist ice tray for convenient storage.

5. MAINTENANCE AND CLEANING

5.1 Cleaning the Interior

Regularly clean the interior with a mild detergent and warm water. Wipe dry with a soft cloth. Remove shelves and drawers for thorough cleaning. Do not use abrasive cleaners or harsh chemicals.

5.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For stubborn stains, use a mild detergent. Avoid spraying water directly onto the control panel or electrical components.

5.3 Gasket Care

Clean the door gaskets regularly to ensure a tight seal. A dirty or damaged gasket can lead to inefficient cooling and

increased energy consumption. The refrigerator features an antibacterial gasket.

5.4 Frost-Free System

This refrigerator is equipped with an auto-defrost function, eliminating the need for manual defrosting. Ensure the freezer door is always properly closed to prevent excessive frost buildup.

6. TROUBLESHOOTING

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

- **Refrigerator not cooling:** Check if the power cord is securely plugged in. Ensure the temperature settings are correct. Verify that the door is fully closed.
- **Unusual noises:** Minor noises are normal during operation (e.g., refrigerant circulation, compressor starting/stopping). Ensure the refrigerator is level and not touching a wall.
- **Excessive frost in freezer:** Although frost-free, frequent or prolonged door openings can lead to some frost. Ensure the door gasket is clean and sealing properly.
- **Smart Diagnosis:** For more complex issues, utilize the Smart Diagnosis feature through the LG ThinQ app for remote assistance.

7. SPECIFICATIONS

Feature	Specification
Brand	LG
Model Name	GL-T502FES4
Capacity	471 Liters (Total)
Freezer Capacity	136 Liters
Fresh Food Capacity	335 Liters
Energy Rating	4 Star
Annual Energy Consumption	190 Kilowatt Hours
Defrost System Type	Frost Free
Compressor Type	Inverter Linear Compressor
Number of Doors	2 (Double Door)
Shelf Type	Toughened Glass
Voltage	230 Volts
Refrigerant	R-600A
Item Weight	76000 Grams (76 kg)
Special Features	Convertible, Inverter, Wi-Fi Control, Door Cooling+, Smart Diagnosis, Auto Smart Connect, Deodorizer, Multi Air Flow





Image: Power Savings Guide label indicating the 4-star energy rating and an annual electricity consumption of 190 units for the LG GL-T502FES4 refrigerator.

8. WARRANTY INFORMATION

Your LG GL-T502FES4 refrigerator comes with the following warranty:

- **Product Warranty:** 1 year from the date of purchase.
- **Compressor Warranty:** 10 years on the Inverter Linear Compressor.

Please retain your purchase receipt for warranty claims. Terms and conditions apply.

9. CUSTOMER SUPPORT

For any queries, service requests, or technical assistance, please contact LG Customer Service:

- **Toll-Free Numbers:** 1800 315 9999 / 1800 180 9999
- **Email ID:** serviceindia@lge.com
- **Manufacturer Address:** LG Electronics India Pvt.Ltd. Regd.Office : A-24/6, MOHAN COOPERATIVE IND ESTATE, MATHURA ROAD, NEW DELHI - 110044