

LG GLT4416CCES

LG 446 L GLT4416CCES Double Door Refrigerator User Manual

Model: GLT4416CCES

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your new LG 446 L GLT4416CCES Double Door Refrigerator. Please read it thoroughly before operating the appliance and retain it for future reference. This refrigerator features Door Cooling+, a Smart Inverter Compressor, and a Convertible freezer function, designed for optimal food preservation and energy efficiency.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury when using your refrigerator.

- Ensure the refrigerator is properly grounded.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Keep ventilation openings clear of obstruction.
- Do not damage the refrigerant circuit.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the appliance before cleaning or performing maintenance.
- Keep children away from the refrigerator, especially when the door is open.

3. SETUP AND INSTALLATION

3.1 Unpacking

Remove all packaging materials, including tape, foam, and plastic film, from the refrigerator. Dispose of packaging materials responsibly.

3.2 Placement

Place the refrigerator on a firm, level floor. Ensure adequate space around the appliance for proper ventilation (at least 5 cm on sides and back, 10 cm on top). Avoid direct sunlight or heat sources. The refrigerator dimensions are 70D x 70W x 178H Centimeters.

Loaded with superior features



*Creative Visualization

*Product images shown is for representative purpose only.



**Smart
Diagnosis™**
Detects Problem
automatically



Deodorizer
Fresh smelling
fridge



Fresh 0 Zone
Save defrosting
time



**Express
Freeze**
Fast chill,
Freshness seal

Image: Refrigerator dimensions showing 70 cm depth, 70 cm width, and 178 cm height.

3.3 Leveling

Adjust the leveling feet to ensure the refrigerator is stable and level. This helps prevent vibrations and ensures proper door sealing.

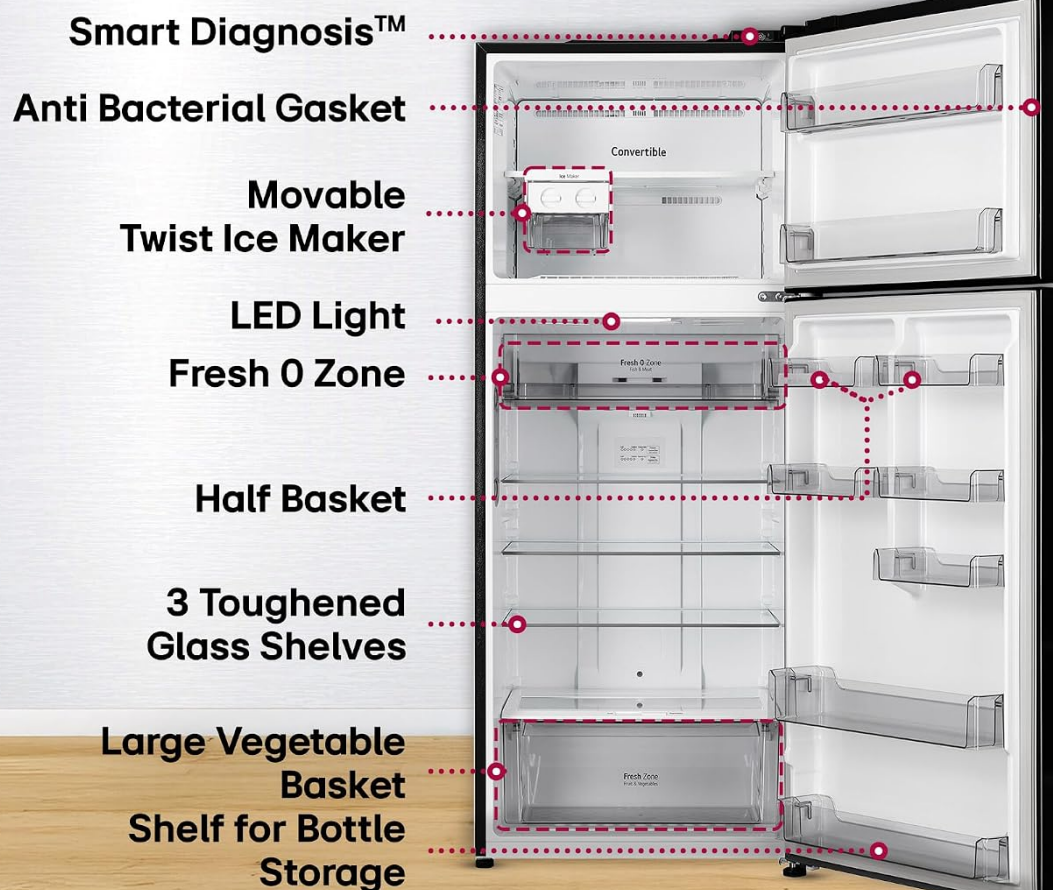
3.4 Electrical Connection

Connect the refrigerator to a dedicated 220 Volt AC outlet. This model features Stabilizer Free Operation (100-310V), meaning it can operate reliably within this voltage range without an external stabilizer.

4. OPERATING INSTRUCTIONS

4.1 Identification of Parts

Identification of Parts



*Creative Visualization

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Image: Diagram identifying key internal components such as Smart Diagnosis, Anti-Bacterial Gasket, Movable Twist Ice Maker, LED Light, Fresh 0 Zone, Half Basket, Toughened Glass Shelves, Large Vegetable Basket, and Shelf for Bottle Storage.

4.2 Controls and Temperature Settings

The refrigerator features an I-Micom Knob for temperature control. Refer to the internal diagram for its location. Adjust the knob to set the desired cooling level for the fresh food compartment.

4.3 Door Cooling+™

Door Cooling+ technology provides faster and more even cooling throughout the refrigerator, ensuring items stored in the door compartments remain fresh.

Door Cooling+™

Food stays fresh and drinks get ice cold on every shelf with even and faster cooling performance.



*Based on third party test report comparing door basket cooling time from 32°C to 5°C under standard test conditions.

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

Image: Illustration demonstrating the Door Cooling+ airflow, showing how food stays fresh and drinks get cold on every shelf.

4.4 Convertible Feature

This refrigerator offers a Convertible feature, allowing you to convert the freezer compartment into additional fridge space when needed. This provides flexibility for varying storage requirements.

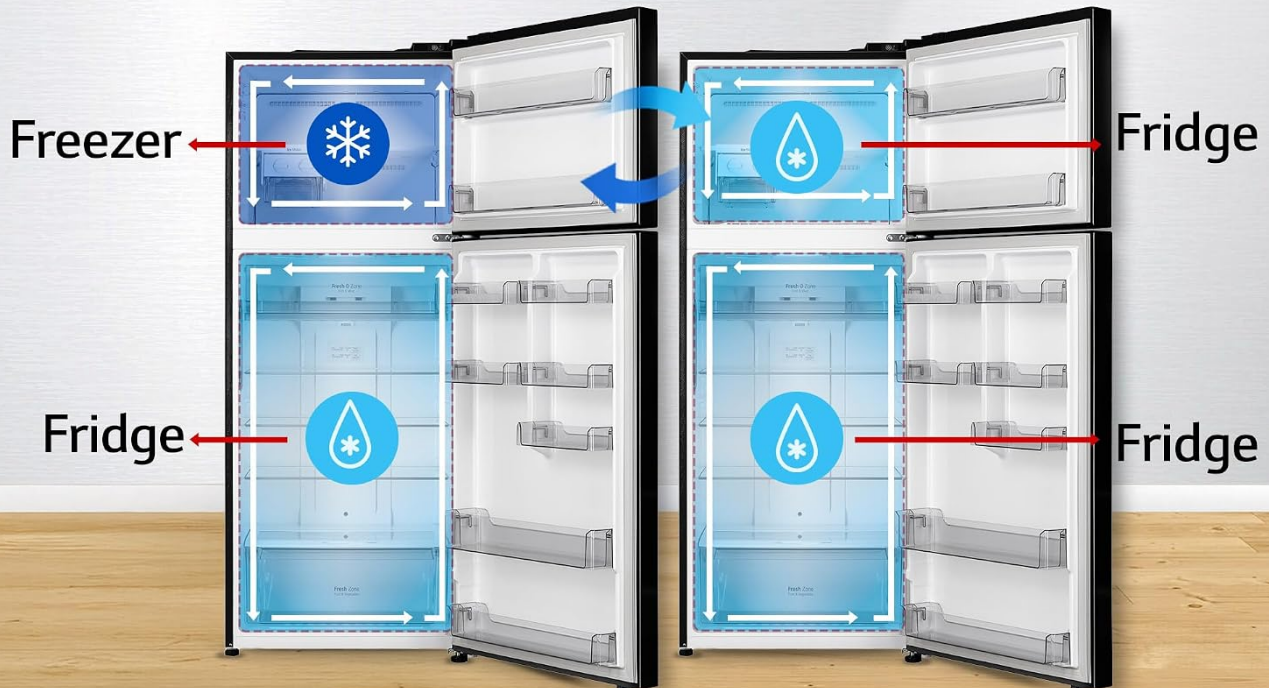
Convertible

Convert the freezer into fridge, when you need more fridge space.



Normal Mode

Convertible Mode



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Image: Comparison of Normal Mode (Freezer and Fridge) and Convertible Mode (Freezer converted to Fridge).

4.5 Express Freeze

Activate the Express Freeze function for a rapid blast of cold air, ideal for quick ice making or chilling beverages quickly.

4.6 Twist Ice Maker

The refrigerator includes a Movable Twist Ice Maker for convenient ice production. Fill the trays with water, allow them to freeze, then twist the knob to release ice into the storage bin.

4.7 Storage Features

- **Toughened Glass Shelves:** Durable shelves designed to hold heavy items.
- **Fresh 0 Zone:** A specialized compartment for delicate items requiring specific temperature conditions.
- **Large Vegetable Basket:** Provides ample space to keep produce fresh for longer.
- **Door Shelves:** Multiple compartments on the door for bottles and smaller items.

More Features & Benefits



*Creative Visualization

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Twist Ice Maker
Ice Maker Manual (Movable)



Anti-Bacterial Gasket
Protects food from bacteria & dust



Lower Door Basket
Organize better with more storage



Toughened Glass Shelves
Carry heavy load

Image: Internal view of the refrigerator highlighting the Twist Ice Maker, Anti-Bacterial Gasket, Lower Door Basket, and Toughened Glass Shelves.

4.8 Deodorizer

The built-in deodorizer helps maintain a fresh-smelling interior by neutralizing odors.

4.9 Smart Diagnosis™

The Smart Diagnosis feature allows for remote troubleshooting of minor issues using your smartphone. Refer to the LG SmartThinQ app for detailed instructions.

Smart Diagnosis™

Get quick solutions remotely using
your smart phone



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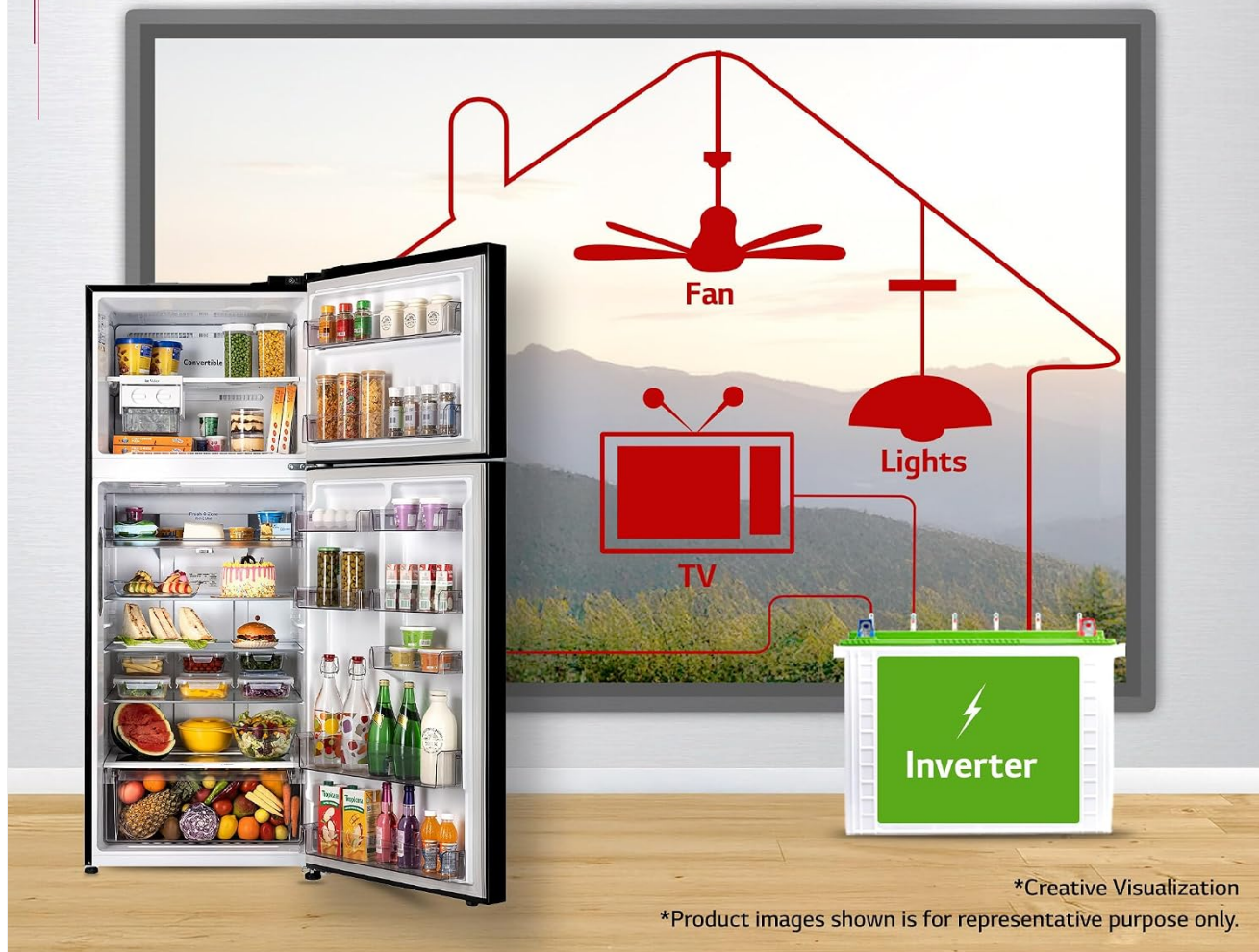
Image: Visual representation of the Smart Diagnosis feature, indicating remote problem detection via smartphone.

4.10 Home Inverter Compatibility

LG's Smart Inverter Compressor optimizes energy consumption, allowing the refrigerator to run efficiently on a home inverter during power cuts. This helps prolong the inverter's battery life.

Runs on Home Inverter

LG's Smart Inverter Compressor optimises energy consumption while running on home inverter. This feature helps consume less power and keeps your home inverter run for a longer duration.



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Image: Diagram showing the refrigerator connected to a home inverter, powering other household appliances like fans, lights, and TV during a power outage.

5. MAINTENANCE

5.1 Cleaning

- **Interior:** Clean the interior regularly with a mild detergent and warm water. Wipe dry thoroughly. Remove shelves and drawers for easier cleaning.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners.
- **Door Gasket:** The Anti-Bacterial Gasket should be cleaned periodically to ensure a tight seal and prevent mold growth.

5.2 Frost-Free System

This refrigerator is equipped with a Frost-Free system, which automatically prevents ice build-up in the freezer compartment, eliminating the need for manual defrosting.

5.3 Back Panel Care

The refrigerator features a Durable Back Panel with Anti-Corrosion Coating for enhanced protection and longevity.

Safe & clean

Fully covered back for enhanced protection.



Durable Back Panel



Anti-Corrosion Coating



*Creative Visualization

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Image: Rear view of the refrigerator highlighting the durable back panel and anti-corrosion coating for protection.

6. TROUBLESHOOTING

If you experience issues with your refrigerator, consult the following common problems and solutions before contacting service.

Problem	Possible Cause	Solution
Refrigerator not cooling	Power outage, unplugged, temperature setting too high, door left open.	Check power supply, ensure plug is secure, adjust temperature, close door properly.
Unusual noise	Refrigerator not level, items vibrating inside, normal compressor operation.	Level the appliance, rearrange items, note that some compressor sounds are normal.
Water on floor	Drain hose clogged, door gasket not sealing.	Clear drain hose, check door gasket for obstructions or damage.

For more complex issues, utilize the **Smart Diagnosis™** feature via the LG SmartThinQ app or contact customer support.

7. SPECIFICATIONS

Key technical specifications for the LG GLT4416CCES Refrigerator:

Feature	Detail
Model Name	GLT4416CCES
Capacity	446 Liters (Fresh Food: 332 L, Freezer: 114 L)
Dimensions (D x W x H)	70D x 70W x 178H Centimeters
Energy Rating	1 Star (BEE Star Rating)
Annual Energy Consumption	297 Kilowatt Hours per Year
Compressor Type	Smart Inverter Compressor (Reciprocating)
Defrost System	Frost Free
Refrigerant	R-600A
Voltage	220 Volts
Item Weight	71 Kilograms
Additional Features	Door Cooling+, Smart Diagnosis, Express Freeze, Convertible Refrigerator, Stabilizer Free Operation

New BEE Ratings 2026

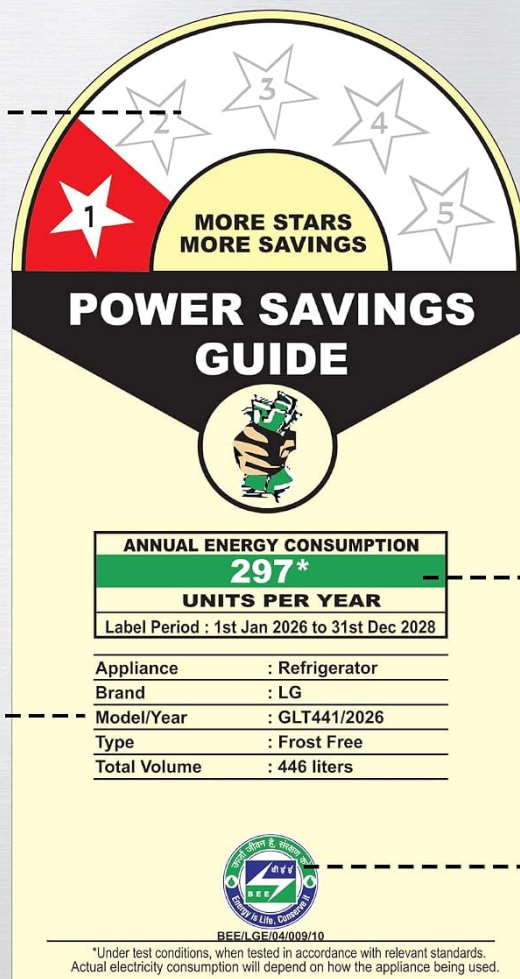
Maximum Energy Saving

STAR RATING

1 Star
Efficient Daily
Cooling.

YEAR DETAIL

2026 model.



Annual Energy Consumption

297* Units / year
Optimized
for Savings.

BEE LOGO

Label
authenticated
by the Bureau
of Energy
Efficiency (BEE).

*BEE Rating may vary model to model.

Image: BEE Power Savings Guide label for 2026, indicating 1 Star rating and 297 units annual energy consumption for model GLT4416CCES.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Your LG refrigerator comes with a Manufacturer Warranty: 1 year comprehensive warranty on the product and 10 years warranty on the compressor (Terms & Conditions apply).

8.2 Customer Support

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

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

When contacting support, please provide your product's model name (GLT4416CCES) and the seller's details from your invoice. LG's service center will schedule a convenient slot for service. Note that warranty repairs for defects attributed to

installation by entities outside of Brand's service network may be charged by the Brand.