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LG GLD2256ZABW

LG 210 L 5 Star Smart Inverter Direct Cool Single Door Refrigerator User Manual

Model: GLD2256ZABW | Brand: LG

1. Introduction

This manual provides essential information for the safe and efficient use of your new LG 210 L 5 Star Smart Inverter Direct Cool Single Door Refrigerator, model GLD2256ZABW. Designed for energy efficiency and reliable performance, this refrigerator features a Smart Inverter Compressor for quiet operation and durability, a 5-star energy rating for reduced electricity consumption, and a direct cool system for effective cooling. Please read this manual thoroughly before operating the appliance and retain it for future reference.

Image 1.1: Front view of the LG 210 L Single Door Refrigerator (GLD2256ZABW) in Blue Waterlily finish.

2. Safety Information

To prevent injury to the user or others and property damage, the following instructions must be followed. Failure to follow these instructions may result in serious injury or death.

General Safety Warnings

- Ensure the refrigerator is connected to a properly grounded electrical outlet.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, 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.

- Supervise children to ensure they do not play with the appliance.
- Unplug the appliance before cleaning or performing maintenance.

3. Setup and Installation

3.1 Unpacking

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

3.2 Placement

- Place the refrigerator on a firm, level floor. Use the adjustable feet to level the appliance if necessary.
- Ensure adequate space around the refrigerator for proper ventilation (at least 5 cm at the back and sides).
- Avoid direct sunlight or heat sources.

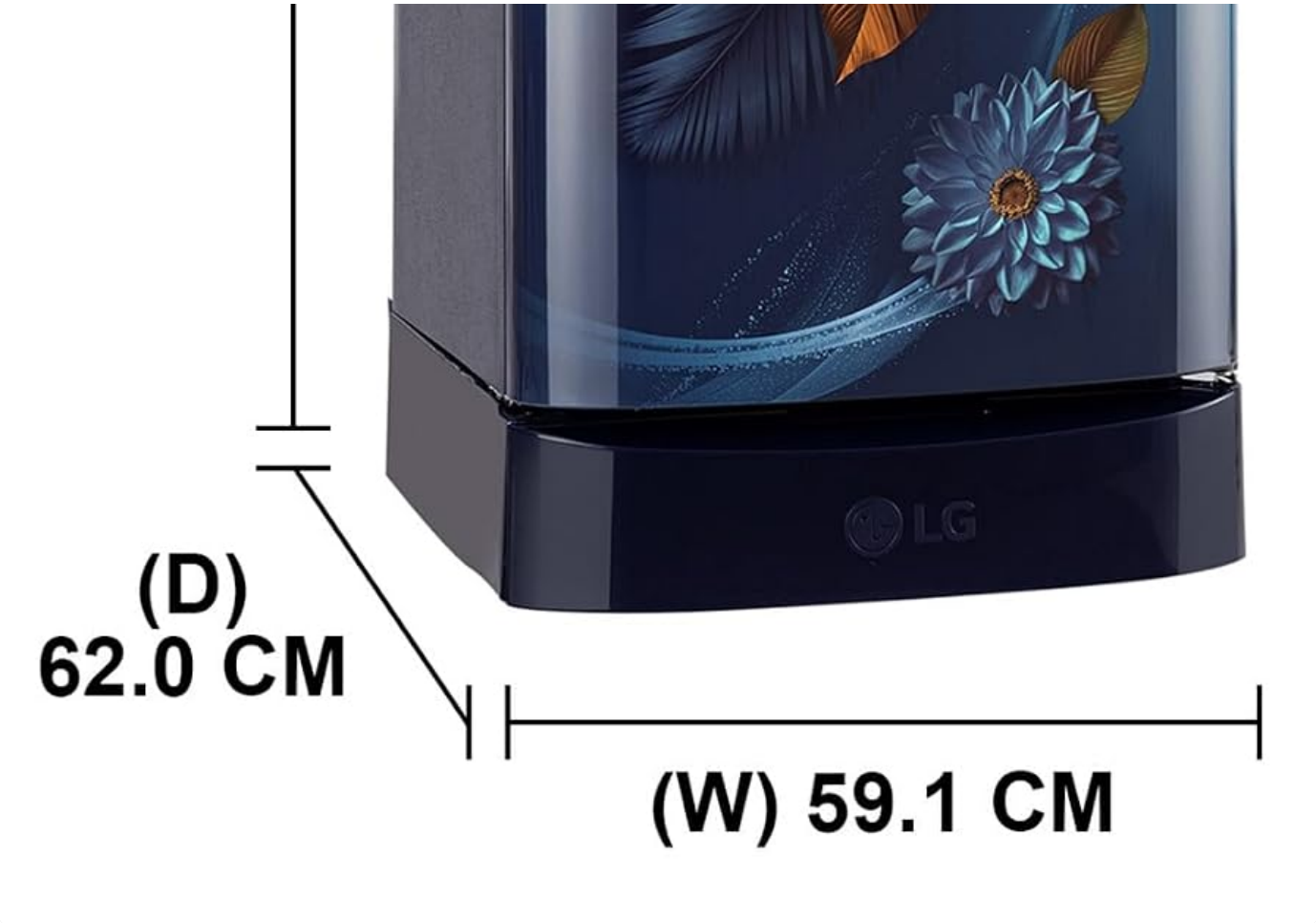

Image 3.1: Product dimensions for proper placement. (D) 62.0 CM, (W) 59.1 CM, (H) 125.0 CM.

3.3 Electrical Connection

- Connect the power cord to a dedicated 220V, 50Hz, AC outlet.
- This refrigerator is designed for stabilizer-free operation within a voltage range of 90V-310V, protecting it from voltage fluctuations.

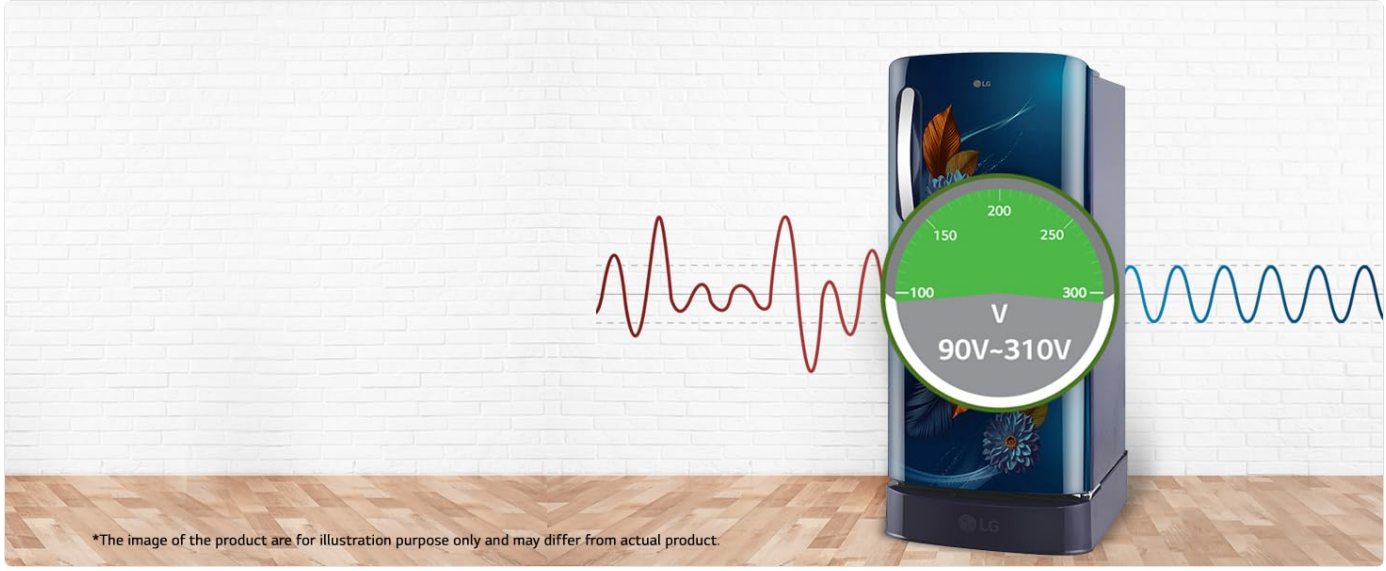

Image 3.2: The refrigerator is designed to operate without an external stabilizer, handling voltage fluctuations between 90V and 310V.

3.4 Initial Operation

- After installation, wait for at least 2-3 hours before plugging in the refrigerator to allow the refrigerant to settle.

- Run the refrigerator empty for a few hours to allow the interior to cool down before storing food.

4. Operating Instructions

Your LG refrigerator is equipped with features designed to keep your food fresh and provide convenience.

4.1 Temperature Control

- The refrigerator features an adjustable temperature control dial, typically located inside the fresh food compartment.
- Turn the dial to adjust the cooling intensity. Higher numbers usually indicate colder settings.
- Adjust the temperature based on ambient conditions and the amount of food stored.

4.2 Storage Zones

- **Fast Freezing Zone:** Located in the upper section, this area is designed for quick freezing of items.
- **Cool & Fresh Zone:** Positioned below the freezer, ideal for dairy products and items requiring slightly colder temperatures than the main compartment.
- **Moist & Fresh Crisper:** A dedicated vegetable basket designed to maintain optimal humidity levels, keeping fruits and vegetables fresh for longer.
- **Base Stand with Drawer:** A convenient, non-refrigerated drawer at the bottom for storing items like onions and potatoes that do not require refrigeration.

Image 4.1: Interior layout with food, highlighting the Fast Freezing Zone, Cool & Fresh Zone, and Moist & Fresh crisper.

Image 4.2: The Moist & Fresh feature helps retain moisture for vegetables, extending their freshness.

Image 4.3: The integrated base stand with a drawer provides additional storage space for items not requiring refrigeration.

4.3 Door Storage

- The door shelves are designed to accommodate various items, including large 2-liter bottles.

Image 4.4: Spacious door bins designed to hold up to four 2-liter bottles.

4.4 Door Lock

- The refrigerator is equipped with a door lock for security and to prevent accidental opening, especially useful in households with children.

Image 4.5: The integrated door lock provides added safety and security.

5. Maintenance

Regular maintenance ensures the longevity and efficient operation of your refrigerator.

5.1 Cleaning

- **Exterior:** Wipe the exterior with a soft cloth dampened with mild detergent and water. Dry thoroughly.
- **Interior:** Clean the interior with a solution of baking soda and warm water. Rinse and dry. Remove shelves and drawers for thorough cleaning.
- **Door Gaskets:** Clean door gaskets regularly to ensure a tight seal.
- **Base Stand Drawer:** Remove and clean the base stand drawer as needed.

5.2 Defrosting

This is a Direct Cool refrigerator, which requires manual defrosting. Frost buildup on the freezer walls can reduce cooling efficiency.

- When frost reaches a thickness of about 5mm, turn off the refrigerator and remove all food items.
- Allow the frost to melt naturally. Do not use sharp objects or heating devices to speed up defrosting, as this can damage the appliance.
- Wipe away melted water and dry the interior thoroughly before restarting the refrigerator.

5.3 Toughened Glass Shelves

The shelves are made of toughened glass, designed to withstand heavy loads. Handle them with care during cleaning.

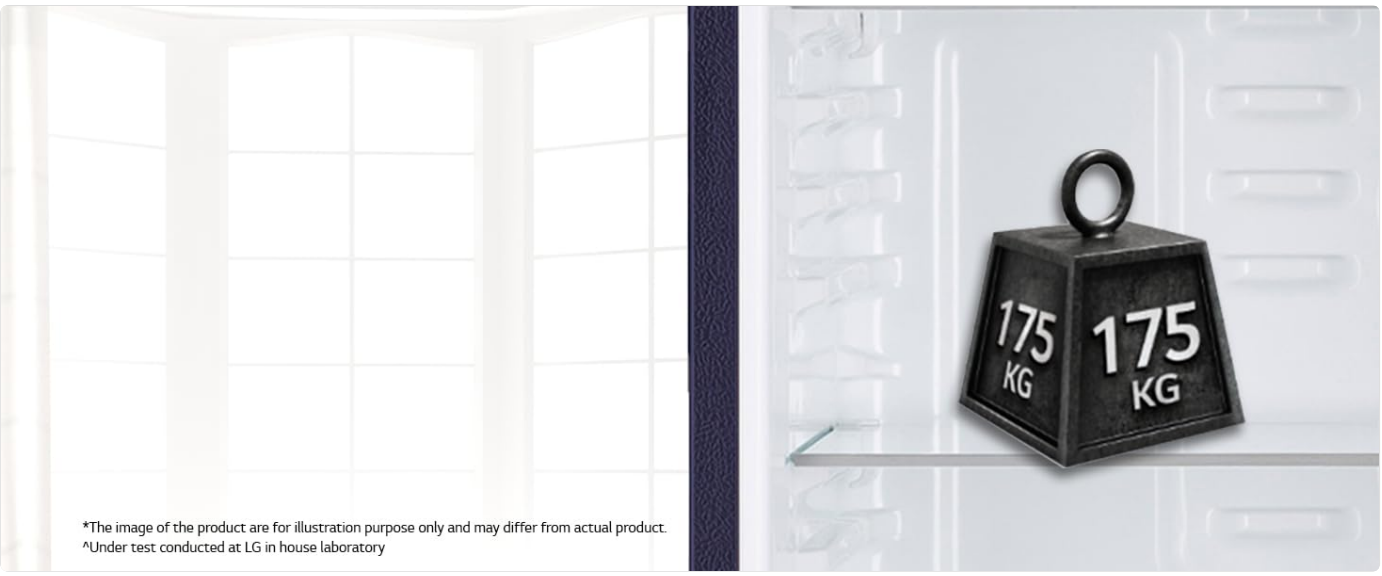

Image 5.1: Toughened glass shelves provide robust support for various food items.

6. Troubleshooting

Before contacting service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator does not operate.	Power cord unplugged; power outage; circuit breaker tripped.	Check power connection; check household fuse/breaker.
Temperature is not cold enough.	Temperature control set too warm; door opened frequently; excessive food load; poor ventilation.	Adjust temperature setting; ensure door is closed properly; reduce food load; ensure proper clearance around the unit.
Unusual noises.	Refrigerator not level; items rattling inside; normal operating sounds (e.g., refrigerant flow).	Level the refrigerator; rearrange items; normal sounds are not a fault.
Excessive frost buildup.	Door not sealed properly; frequent door opening; high humidity.	Check door gasket for proper seal; reduce frequency of door opening; perform manual defrost.

If the problem persists after checking these points, please contact LG customer service for assistance.

7. Specifications

Detailed technical specifications for the LG GLD2256ZABW Refrigerator.

Feature	Specification
Brand	LG
Model Name	GLD2256ZABW
Capacity	210 Liters (Fresh Food: 186 L, Freezer: 24 L)

Feature	Specification
Energy Rating	5 Star
Annual Energy Consumption	117 Kilowatt Hours Per Year
Product Dimensions (D x W x H)	62D x 64W x 125H Centimeters
Item Weight	37 Kilograms
Configuration	Freezer-on-Top
Defrost System Type	Manual
Compressor Type	Smart Inverter Compressor (Reciprocating)
Refrigerant	R-600A
Voltage	220 Volts (Works without Stabilizer: 90V-310V)
Shelf Type	Toughened Glass (2 shelves)
Number of Doors	1
Included Components	1 Refrigerator, 1 Base Stand Drawer, Manual
Product Finish Type	Glossy
Door Material Type	Stainless Steel

Image 7.1: Power Savings Guide (Energy Label) indicating 5-star rating and 117 units per year annual energy consumption.

8. Warranty and Support

8.1 Warranty Information

Your LG refrigerator comes with a comprehensive manufacturer warranty:

- **1 year** comprehensive warranty on the product.
- **10 years** warranty on the compressor (Terms & Conditions apply).

8.2 Customer Support

For any queries, assistance, or to claim warranty, please contact LG customer service:

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

When contacting support, please provide your product's model name (GLD2256ZABW) and serial number.

8.3 Manufacturer Information

LG Electronics India Ltd.
Plot No. A5, MIDC Ranjangaon, Tal. Shirur, Pune - 412220

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