

LG GL-D231ASAU

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

Model: GL-D231ASAU

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your new LG 210 L 5 Star Direct Cool Single Door Refrigerator, model GL-D231ASAU. Please read these instructions thoroughly before operating the appliance and retain them for future reference. Proper installation, operation, and maintenance will ensure optimal performance and longevity of your refrigerator.

2. SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury when using your refrigerator, follow these basic precautions:

- 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.
- Unplug the refrigerator before cleaning or performing any maintenance.
- 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.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

3. PRODUCT OVERVIEW

The LG GL-D231ASAU is a 210-liter, 5-star rated Direct Cool Single Door Refrigerator designed for efficient cooling and convenience. It features a Smart Inverter Compressor for energy savings and reduced noise.

Key Components and Features:

- **Capacity:** Total 210 Liters (Freezer: 24 L, Fresh Food: 186 L).
- **Smart Inverter Compressor:** Provides energy-efficient cooling, reduced noise, and enhanced durability. Operates within a voltage range of 90V~310V without a separate stabilizer.
- **Direct Cooling Technology:** Ensures effective and consistent cooling throughout the refrigerator.
- **Moist 'N' Fresh:** A special lattice-type box cover that maintains optimal moisture levels for fruits and vegetables.
- **Base Stand with Drawer:** Offers convenient additional storage space for non-refrigerated items.
- **Toughened Glass Shelves:** Two repositionable shelves capable of holding heavy items up to 175 kg.
- **2-Liter Bottle Storage:** Dedicated space in the door for large bottles.
- **Antibacterial Gasket:** Prevents the entry and accumulation of fungi and bacteria, maintaining hygiene.
- **Door Lock:** Provides security, especially in households with children.
- **Humidity Controller:** Helps maintain ideal conditions within the vegetable box.
- **Solar Connect:** Allows the refrigerator to be powered by a home inverter during power outages.
- **Fast Ice Making:** Quickly produces ice for your needs.
- **Anti Rat Bite Sleeve:** Protects the appliance from rodent damage.

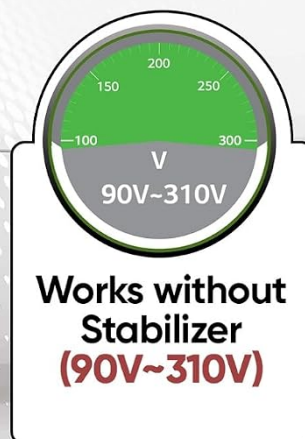
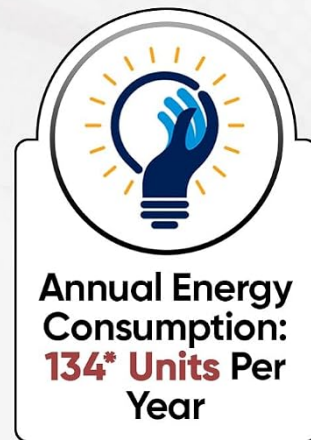
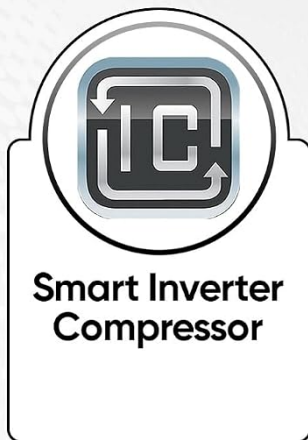




Figure 3.1: Exterior view of the LG 210 L Single Door Refrigerator.

Capacity 210 litres

Suitable for families with 2 to 3 Members/Couples/Bachelors



*T&C Apply

Figure 3.2: Interior layout with freezer compartment, toughened glass shelves, and door storage.



Smart Inverter Compressor



More Savings



More Durability



Silent Operation



Works Without Stabilizer



Best in Energy Efficiency



Smart Inverter Compressor

*BEE star ratings may vary model to model.
*The image of the product are for illustration purpose only and may differ from actual product.
*1 year on parts and labor on the product and additional 9 year warranty on the compressor.

Figure 3.3: Smart Inverter Compressor technology for efficient and quiet operation.

4. SETUP AND INSTALLATION

Proper installation is crucial for the refrigerator's performance and safety.

4.1 Unpacking

- Remove all packaging materials, including tape and protective films.
- Check for any damage during transit. Contact your dealer immediately if damage is found.

4.2 Location

- Place the refrigerator on a firm, level floor. Use the adjustable feet to level the appliance.
- Ensure adequate space around the refrigerator for proper ventilation (at least 5 cm at the back and sides, 10 cm at the top).
- Avoid direct sunlight or proximity to heat sources like stoves or heaters.
- The refrigerator is designed for indoor use.

4.3 Electrical Connection

- Connect the refrigerator to a dedicated, properly grounded electrical outlet.
- The appliance operates within a voltage range of 90V~310V, eliminating the need for an external stabilizer.
- Do not use extension cords or adapter plugs.

4.4 Initial Operation

- After installation, wait at least 2-3 hours before plugging in the refrigerator to allow refrigerants to settle.
- Once plugged in, allow the refrigerator to run for several hours (e.g., 4-6 hours) to reach its operating temperature before storing food.

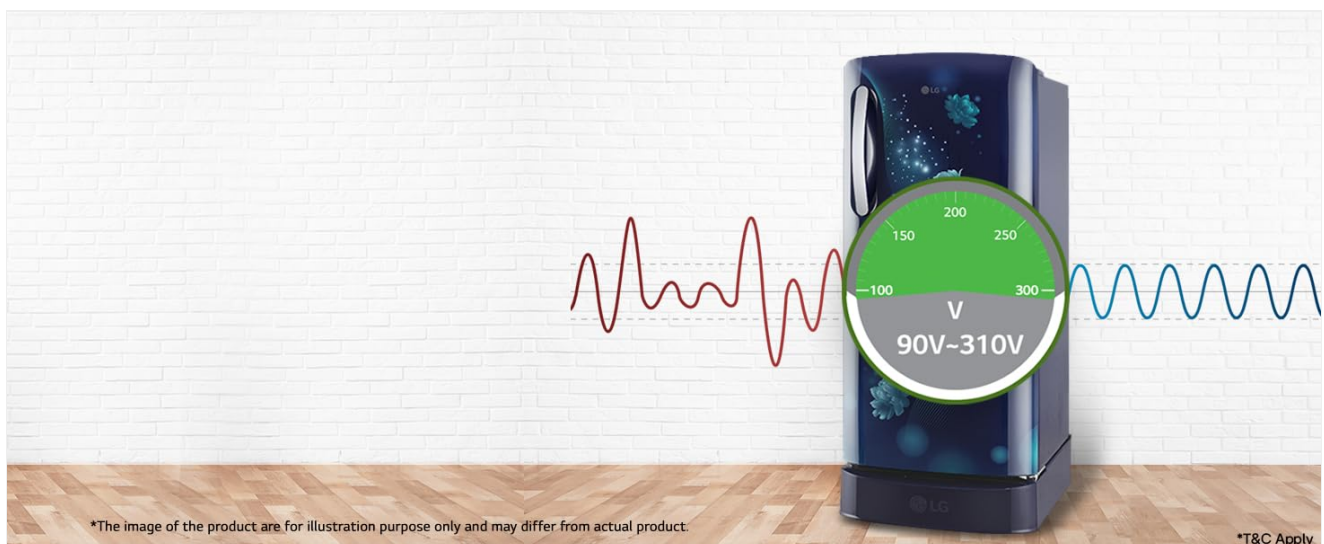


Figure 4.1: The refrigerator's ability to operate without a stabilizer within a wide voltage range.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features for optimal food preservation.

5.1 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 setting based on ambient temperature and food load.

5.2 Moist 'N' Fresh Humidity Control

- The Moist 'N' Fresh cover in the vegetable box helps maintain optimal humidity.
- Store fruits and vegetables in this compartment to keep them fresh for longer.

5.3 Fast Ice Making

- To activate Fast Ice Making, refer to the specific controls near the freezer compartment.
- This feature accelerates ice production when needed.

5.4 Smart Connect (Inverter Operation)

- The Smart Connect technology allows the refrigerator to connect to your home inverter during power cuts.
- Ensure your home inverter is properly connected and functioning to utilize this feature.

5.5 Using the Door Lock

- Insert the key into the door lock mechanism, usually located on the lower part of the door.
- Turn the key to lock or unlock the door. Remove the key after locking.



Figure 5.1: Key operational features such as Fast Ice Making and the spacious vegetable basket.



Figure 5.2: Moist 'N' Fresh feature for maintaining vegetable freshness.

6. MAINTENANCE

Regular maintenance ensures your refrigerator operates efficiently and hygienically.

6.1 Manual Defrosting

- This is a Direct Cool refrigerator and requires manual defrosting.
- Defrost the freezer compartment when the ice layer reaches approximately 0.5 cm (1/4 inch) thickness.
- To defrost, unplug the refrigerator, remove all food items, and leave the freezer door open. Place towels at the bottom to absorb melting ice.
- Do not use sharp objects or heating devices to speed up defrosting, as this can damage the appliance.
- Once defrosted, clean and dry the interior before plugging it back in and returning food.

6.2 Cleaning the Interior

- Unplug the refrigerator before cleaning.
- Clean the interior with a mild detergent and warm water solution. Wipe thoroughly with a clean, damp cloth and then dry.
- Pay attention to the antibacterial gasket around the door. Clean it regularly to ensure a tight seal and prevent mold growth.
- Remove and clean shelves, drawers, and other removable parts separately.

6.3 Cleaning the Exterior

- Wipe the exterior surfaces with a soft, damp cloth. For stubborn stains, use a mild detergent.
- Clean the rear condenser coils periodically (e.g., every 6-12 months) to ensure efficient cooling. Unplug the appliance before cleaning the coils.



Figure 6.1: The germ-resistant gasket helps maintain hygiene and a tight seal.

7. TROUBLESHOOTING

Before contacting service, review these common issues and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Refrigerator does not operate	Power cord unplugged; Power outage; Circuit breaker tripped.	Check power connection; Verify power supply; Reset circuit breaker.
Refrigerator is not cooling sufficiently	Temperature control set too warm; Door left open; Excessive food load; Poor ventilation.	Adjust temperature setting; Ensure door is closed properly; Reduce food load; Check for proper air circulation.
Excessive frost in freezer	Frequent door opening; High humidity; Door seal not tight.	Minimize door openings; Ensure door closes completely; Check and clean door gasket. Manual defrosting is required.
Unusual noises	Refrigerator not level; Items rattling inside; Compressor noise (normal).	Level the refrigerator; Rearrange items; Compressor noise is normal for inverter models.
Water on floor (leakage)	Drain pan overflowing; Defrost drain clogged.	Check and empty drain pan; Clear any blockage in the defrost drain.

8. SPECIFICATIONS

Detailed technical specifications for the LG GL-D231ASAU Refrigerator.

Feature	Specification
Model Name	GL-D231ASAU
Brand	LG
Capacity	210 Liters
Freezer Capacity	24 Liters
Fresh Food Capacity	186 Liters
Energy Rating	5 Star
Annual Energy Consumption	134 Kilowatt Hours Per Year
Product Dimensions (D x W x H)	62D x 59.1W x 125H Centimeters
Item Weight	35 Kilograms
Compressor Type	Smart Inverter Compressor (Axial)
Defrost System Type	Manual
Number of Shelves	2 (Toughened Glass)
Door Shelf Count	3
Voltage	220 Volts (90V~310V operation)

Feature	Specification
Color	Scarlet Aurora
Door Material Type	Stainless Steel
Lock Type	Key



Figure 8.1: Product dimensions and energy efficiency label.

9. WARRANTY AND SUPPORT

Your LG refrigerator is covered by a comprehensive warranty and dedicated customer support.

9.1 Warranty Information

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

- Terms and conditions apply. Physical damage, unauthorized repairs, and improper usage may void the warranty.
- Warranty activation is typically automatic from the date of purchase.

9.2 Customer Support

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

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

When contacting support, please provide your purchase invoice, model number (GL-D231ASAU), and serial number. LG's service center will schedule a convenient slot for service.