

LG GL-D221ASCU

LG GL-D221ASCU 205L 5 Star Inverter Direct-Cool Refrigerator User Manual

Model: GL-D221ASCU

1. INTRODUCTION AND SAFETY INFORMATION

Thank you for purchasing the LG GL-D221ASCU 205L 5 Star Inverter Direct-Cool Refrigerator. This manual provides essential information for the safe and efficient use of your appliance. Please read it thoroughly before installation and operation, and keep it for future reference.

1.1 Important Safety Instructions

- Ensure the refrigerator is placed on a stable, level surface.
- Do not block ventilation openings in the appliance enclosure or in the built-in structure.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Keep children away from the appliance during operation and cleaning.
- Unplug the refrigerator before cleaning or performing any maintenance.

2. UNPACKING AND CONTENTS

Carefully unpack your new LG refrigerator. Ensure all components are present and undamaged. If any items are missing or damaged, contact your retailer immediately.

2.1 Package Contents

- 1 x LG Refrigerator Unit (Model: GL-D221ASCU)

- 1 x User Manual
- 1 x Warranty Card

3. INSTALLATION AND INITIAL SETUP

3.1 Choosing a Location

Select a location that is dry, well-ventilated, and away from direct sunlight or heat sources (e.g., oven, radiator). Allow sufficient space around the refrigerator for proper ventilation. The dimensions of the product are 65D x 59.1W x 135.5H Centimeters.



Image: Front view of the LG GL-D221ASCU refrigerator showing its dimensions (Height 135.5 CM, Width 59.1 CM, Depth 65.0 CM) and the 5-star energy efficiency label.

3.2 Leveling the Refrigerator

Use the adjustable feet at the bottom of the refrigerator to ensure it is perfectly level. This prevents vibrations and ensures proper door sealing.

3.3 Power Connection

Connect the refrigerator to a dedicated power outlet. This model operates without a stabilizer within a voltage range of 90~310V. Ensure the power cord is not pinched or damaged.

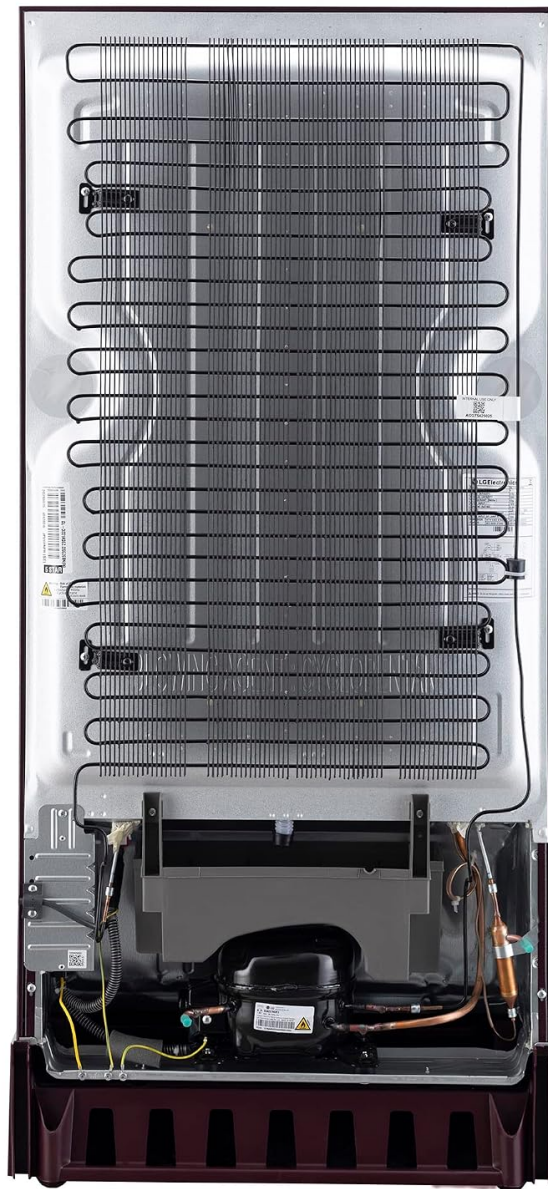


Image: Rear view of the LG GL-D221ASCU refrigerator, displaying the compressor unit and condenser coils, which are essential for cooling.

3.4 Initial Operation

After installation, plug in the refrigerator and allow it to run for at least 2-3 hours before storing food. This allows the interior to reach the optimal cooling temperature.

3.5 Base Stand with Drawer

This model includes a base stand with a drawer, providing additional storage space for non-refrigerated items. Ensure it is securely attached during installation.



Base Stand With Drawer



Image: Interior view of the LG GL-D221ASCU refrigerator, highlighting the base stand with an integrated drawer at the bottom, designed for extra storage.

4. OPERATING INSTRUCTIONS

4.1 Temperature Control

The refrigerator features a temperature control dial, typically located inside the fresh food compartment or freezer. Adjust the dial to set the desired cooling level. Higher settings provide colder temperatures.

4.2 Interior Features



Image: Detailed interior view of the LG GL-D221ASCU refrigerator, showing the Fast Freezing Zone, 20 Ltr. freezer capacity, 185 Ltr. fresh food capacity, Moist 'N' Fresh cover, 2-Ltr. bottle storage, 2 toughened glass shelves, and interior light.

- **Fast Freezing Zone:** Located in the freezer compartment for quick freezing of items.
- **Moist 'N' Fresh:** A special lattice-patterned box cover that maintains optimal moisture levels for vegetables.
- **Toughened Glass Shelves:** Two adjustable shelves made of toughened glass, capable of holding heavy items up to 175 kg.
- **2-Liter Bottle Storage:** Dedicated space in the door for large bottles.
- **Interior Light:** Illuminates the fresh food compartment for clear visibility.



Image: Interior view of the LG GL-D221ASCU refrigerator highlighting additional features such as Fast Ice Making, Large Vegetable Basket, Anti Bacterial Gasket, Spacious Chiller Tray, Anti Rat Bite design, and Silent Operation.

- **Fast Ice Making:** Accelerates ice production in the freezer.
- **Large Vegetable Basket:** A spacious 21 L vegetable box for storing fresh produce.
- **Spacious Chiller Tray:** A transparent chiller compartment for dairy products or items requiring slightly colder temperatures than the main compartment.
- **Door Lock:** A key-operated lock is provided for security.

4.3 Smart Inverter Compressor

The refrigerator is equipped with a Smart Inverter Compressor, which provides energy efficiency, quiet operation, and enhanced durability. This technology allows the refrigerator to adapt its cooling power based on the amount of food stored and the internal and external temperatures.



Image: Diagram illustrating the benefits of the Smart Inverter Compressor, including more savings, 10-year warranty, silent operation, stabilizer-free operation, and highest star rating.

4.4 Smart Connect (Home Inverter Compatibility)

This refrigerator is designed to work efficiently with a home inverter, consuming less power and providing cooling for extended periods during power outages.



Image: Diagram showing the refrigerator connected to a home inverter system, illustrating its ability to run on inverter power with no extra load on the compressor and consuming less power.

5. CARE AND MAINTENANCE

5.1 Cleaning the Refrigerator

- Always unplug the refrigerator before cleaning.
- Clean the interior and exterior surfaces with a soft cloth and mild detergent. Avoid abrasive cleaners or solvents.
- The **Anti Bacterial Gasket** on the door helps prevent the growth of bacteria. Clean it regularly with a damp cloth.
- Remove and clean shelves, drawers, and door bins with warm soapy water. Rinse and dry thoroughly before returning them to the refrigerator.
- Clean the back of the refrigerator, including the condenser coils, periodically to ensure efficient

operation.

5.2 Defrosting

This is a Direct Cool refrigerator, which means manual defrosting is required when frost builds up in the freezer compartment. Excessive frost reduces cooling efficiency. To defrost:

- 1. Unplug the refrigerator.
- 2. Remove all food items from the freezer and store them in a cool place.
- 3. Leave the freezer door open to allow the frost to melt naturally. Place towels at the bottom to absorb water.
- 4. Once defrosted, clean and dry the interior thoroughly before plugging the refrigerator back in and returning food items.

5.3 Anti Rat Bite Type (Sleeve)

The refrigerator is designed with an anti-rat bite sleeve to protect internal wiring from rodent damage. Ensure this protective sleeve remains intact.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Refrigerator does not operate	Power cord unplugged Power outage Blown fuse/tripped circuit breaker	Ensure cord is securely plugged in Check household power Check fuse/reset circuit breaker
Temperature is too warm	Temperature control set too high Door left open frequently Large amount of warm food added Poor ventilation	Adjust temperature control to a colder setting Ensure door is closed properly Allow time for cooling Ensure adequate space around refrigerator
Excessive noise	Refrigerator not level Items rattling inside Normal compressor operation	Adjust leveling feet Rearrange items Some operating sounds are normal
Frost buildup in freezer	Door not sealed properly Frequent door opening High humidity	Check door gasket for proper seal Minimize door openings Perform manual defrost as needed

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	LG

Feature	Specification
Model Name	GL-D221ASCU
Capacity	205 Liters
Freezer Capacity	20 Liters
Fresh Food Capacity	185 Liters
Energy Rating	5 Star
Annual Energy Consumption	133 Kilowatt Hours Per Year
Product Dimensions (D x W x H)	65D x 59.1W x 135.5H Centimeters
Item Weight	37 Kilograms
Configuration	Freezer-on-Top
Defrost System Type	Direct Cool
Compressor Type	Smart Inverter Compressor
Voltage	220 Volts
Stabilizer Free Operation	Yes (90~310V)
Shelf Type	Toughened Glass (2 shelves)
Vegetable Box Capacity	21 Liters
Refrigerant	R-600A
Door Material Type	Stainless Steel
Lock Type	Key
Included Components	1U Refrigerator, 1U User Manual

8. WARRANTY AND CUSTOMER SUPPORT

8.1 Warranty Information

Your LG GL-D221ASCU refrigerator comes with a manufacturer's warranty:

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

Please refer to the included warranty card for detailed terms and conditions.

8.2 Customer Support

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

- **Call:** 08069379999

- **WhatsApp:** 9711709999
- **E-Mail:** serviceindia@lge.com

Manufacturer Address: Plot No. A-5, MIDC, Ranjangaon, Tal Shirur, Pune (Maharashtra)-412220