

LG GC-X247CQAV

LG GC-X247CQAV 668 L Wi-Fi Inverter Side-by-Side Refrigerator User Manual

Model: GC-X247CQAV

1. INTRODUCTION

Thank you for purchasing the LG GC-X247CQAV 668 L Wi-Fi Inverter Side-by-Side Refrigerator. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your appliance. Please read this manual thoroughly before using the refrigerator and keep it for future reference.

2. SAFETY INFORMATION

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

- Read all instructions before use.
- Ensure the refrigerator is properly grounded.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings clear of obstruction.
- 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. This appliance uses R-600A refrigerant, which is flammable. Handle with care.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Unplug the refrigerator before cleaning or performing any maintenance.

3. SETUP

3.1 Unpacking

Remove all packaging materials, tape, and protective film from the refrigerator. Clean any adhesive residue with a mild detergent and water. Ensure no packaging materials are left inside the appliance.

3.2 Placement

This is a freestanding appliance. Place the refrigerator on a firm, level floor. Allow adequate space around the refrigerator for proper ventilation. The dimensions are approximately 58.5D x 66.9W x 157.5H Centimeters. Avoid direct sunlight or heat sources.



Image: Side-by-side refrigerator showing overall dimensions and recommended clearances for proper ventilation.

3.3 Leveling

Adjust the leveling feet to ensure the refrigerator is stable and level. This prevents vibrations and ensures proper door closure.

3.4 Electrical Connection

Connect the power cord to a dedicated 230 Volts, 50 Hz, AC outlet. Do not use extension cords or adapter

plugs. Ensure the outlet is properly grounded.

3.5 Water Connection (for Dispenser)

This model features a non-plumbed water and ice dispenser. This means it has an internal water tank that needs to be manually filled. Locate the water tank inside the refrigerator compartment and fill it with potable water. Refer to the operating section for details on filling and using the dispenser.

3.6 Initial Power On

After connecting the power, allow the refrigerator to stand for at least 2-3 hours before turning it on. This allows the refrigerant to settle. Once settled, plug in the appliance and allow it to cool for several hours before storing food.

4. OPERATING INSTRUCTIONS

4.1 Control Panel

The control panel is typically located on the exterior of the freezer door or inside the refrigerator compartment. Use it to adjust temperature settings, activate special functions, and monitor the refrigerator's status.

4.2 Temperature Control

Press the 'Fridge Temp' or 'Freezer Temp' buttons on the control panel to adjust the desired temperature. The recommended temperature for the refrigerator compartment is 3°C (37°F) and for the freezer compartment is -18°C (0°F).

4.3 InstaView Door-in-Door

The InstaView feature allows you to see inside the refrigerator without opening the door. Simply knock twice on the glass panel to illuminate the interior, reducing cold air loss and saving energy.



Image: Close-up of the InstaView glass panel on the refrigerator door.

4.4 Water & Ice Dispenser

This refrigerator includes a non-plumbed water and ice dispenser. To use the water dispenser, ensure the internal water tank is filled. To dispense water, place a glass under the dispenser nozzle and press the lever. The door-mounted slim ice maker provides ice cubes. To dispense ice, select the ice option on the control panel and press the lever.



Image: Water and ice dispenser located on the freezer door.

4.5 LG ThinQ (Wi-Fi)

Your refrigerator is equipped with LG ThinQ (Wi-Fi) technology, allowing you to control and monitor it remotely using a smartphone app. Download the LG ThinQ app, register your appliance, and follow the in-app instructions for connectivity. This enables features like remote temperature control, smart diagnosis, and usage monitoring.



Image: Screenshot of the LG ThinQ mobile application interface.

4.6 Hygiene Fresh+

The Hygiene Fresh+ system uses a 5-step air filtration process to remove bacteria, fungi, and odors, keeping the air inside your refrigerator fresh and hygienic.



Image: Diagram illustrating the Hygiene Fresh+ air purification system.

4.7 MOIST 'N' FRESH

The MOIST 'N' FRESH lattice-patterned box cover maintains optimal moisture levels, keeping fruits and vegetables fresher for longer.



Image: Close-up of the MOIST 'N' FRESH crisper drawer with its specialized lid.

4.8 Express Freezing

Activate Express Freezing to rapidly lower the freezer temperature, ideal for quickly freezing large quantities of fresh food or making ice faster.



Image: Control panel display showing the Express Freezing function activated.

4.9 Door Cooling

Door Cooling provides even cooling throughout the refrigerator, including the door area, to keep items stored in the door baskets colder.

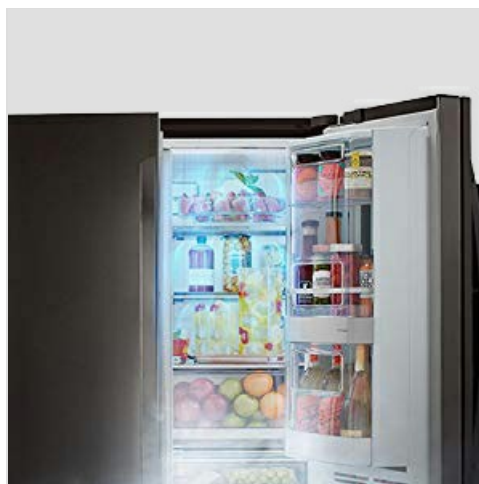


Image: Diagram illustrating the airflow for the Door Cooling feature.

4.10 Child Lock

To prevent accidental changes to settings, activate the Child Lock feature. Refer to your control panel instructions for specific activation and deactivation steps, usually involving pressing and holding a specific button for a few seconds.

4.11 Shelves and Drawers

The refrigerator features 4 trimless tempered glass shelves, 2 drawers, and 5 door baskets for organized storage. These can be adjusted or removed for cleaning or to accommodate larger items.



Image: Interior view of the refrigerator compartment with glass shelves and drawers.

5. MAINTENANCE

5.1 Cleaning the Interior

Unplug the refrigerator before cleaning. Wash shelves, door bins, and drawers with a mild soap solution and warm water. Wipe down interior surfaces with a clean cloth. For stubborn odors, use a solution of baking soda and water. Ensure all parts are dry before returning them to the refrigerator.

5.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For the Matt Black finish, use a non-abrasive cleaner specifically designed for matte surfaces. Clean door gaskets regularly with a mild detergent and water to ensure a tight seal.

5.3 Defrosting

This is a frost-free refrigerator, meaning it automatically defrosts. However, it is recommended to periodically clean the freezer compartment and remove any ice buildup that may occur around the ice maker or vents.

5.4 Water Tank Cleaning

For the non-plumbed water dispenser, regularly clean the internal water tank to prevent bacterial growth. Remove the tank, wash it with soap and water, rinse thoroughly, and refill with fresh potable water.

5.5 Power Outage

In case of a power outage, keep the refrigerator and freezer doors closed as much as possible to maintain internal temperatures. Food will remain frozen for approximately 12-24 hours depending on the ambient temperature and how full the freezer is.

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 temperature settings are correct. Check for obstructions in air vents.
- **Strange noises:** Normal operating noises include humming from the compressor, clicking from the thermostat, and gurgling from refrigerant flow. If noises are excessive or unusual, ensure the refrigerator is level and not touching a wall.
- **Water leakage:** Check if the drain pan is properly seated. For the non-plumbed dispenser, ensure the water tank is correctly installed and not overfilled.
- **Ice dispenser not working:** Check if the ice maker is turned on and if the water tank is filled. Ensure no ice is jammed in the dispenser chute.
- **InstaView not illuminating:** Ensure the door is fully closed. If the issue persists, contact service.

If problems persist after attempting these solutions, please contact LG customer service.

7. SPECIFICATIONS

Feature	Specification
Model Name	GC-X247CQAV
Brand	LG
Capacity	668 Liters (Total)
Fresh Food Capacity	447 Liters
Freezer Capacity	221 Liters
Configuration	Side-by-Side
Product Dimensions (D x W x H)	58.5D x 66.9W x 157.5H Centimeters

Feature	Specification
Defrost System Type	Frost Free
Voltage	230 Volts
Refrigerant	R-600A
Annual Energy Consumption	300 Kilowatt Hours
Shelf Type	Toughened Glass
Additional Features	Inverter, Water Dispenser, Wi-Fi Control (LG ThinQ), InstaView Door-in-Door, Hygiene Fresh+, MOIST 'N' FRESH, Express Freezing, Door Cooling, Child Lock

8. WARRANTY & SUPPORT

8.1 Warranty Information

This LG refrigerator comes with a **1-year warranty on the product** and a **10-year warranty on the compressor** from the date of purchase. Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions.

8.2 Customer Support

- For service, technical assistance, or warranty inquiries, please contact LG Customer Service:
- **Toll-Free Numbers:** 1800 315 9999 / 1800 180 9999
 - **Email:** serviceindia@lge.com
 - **Registered Office:** LG Electronics India Pvt.Ltd. Regd.Office : A-24/6, MOHAN COOPERATIVE IND ESTATE, MATHURA ROAD, NEW DELHI - 110044
 - **Online Support:** Visit the official LG India website for further support and FAQs.