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› LG LT16GBBSHM 14.9 Cu. Ft. Two-Door Refrigerator User Manual

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Model: LT16GBBSHM

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG LT16GBBSHM 14.9 Cu. Ft. Two-Door Refrigerator. Please read this manual thoroughly before operating the appliance and retain it for future reference. Proper installation, operation, and maintenance are crucial for optimal performance and longevity of your refrigerator.

2. SAFETY INFORMATION

General Safety Warnings:

- Ensure the refrigerator is properly grounded to prevent electrical shock.
- 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.
- 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.

Electrical Safety:

- Plug the power cord into a dedicated grounded wall outlet. Do not use an extension cord.
- Do not modify or extend the power cord.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

3. PRODUCT OVERVIEW

The LG LT16GBBSHM is a 14.9 Cu. Ft. (422 Liter) two-door refrigerator featuring Smart Diagnosis technology and an Inverter Compressor for efficient and quiet operation. It is designed with a bottom freezer configuration and a sleek silver finish.



Figure 1: Front view of the LG LT16GBBSHM Two-Door Refrigerator. This image displays the silver exterior and the two-door design, with the freezer compartment located at the bottom.

Key Components:

- **Refrigerator Compartment:** Upper section for fresh food storage.
- **Freezer Compartment:** Lower section for frozen food storage.
- **Temperature Control Panel:** Located inside the refrigerator for adjusting settings.
- **Shelves and Drawers:** Adjustable shelves and specialized drawers for organized storage.
- **Door Bins:** Storage compartments on the inside of the doors.

4. SETUP

Unpacking:

1. Remove all packaging materials, including tape and protective film.
2. Inspect the refrigerator for any damage during transit. Report any damage to your retailer immediately.

Location:

- Place the refrigerator on a firm, level floor.
- Ensure adequate clearance around the appliance 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 (e.g., oven, radiator).
- The ambient temperature should be between 10°C and 43°C (50°F and 110°F) for optimal performance.

Leveling:

- Adjust the leveling feet at the bottom front of the refrigerator to ensure it is stable and level.
- A slight tilt to the rear (approximately 1-2 degrees) is recommended to allow doors to close easily.

Power Connection:

- Plug the refrigerator into a dedicated 220-240V, 50/60Hz, 13A grounded electrical outlet.
- Allow the refrigerator to stand for at least 2-3 hours before plugging it in to allow refrigerants to settle.

5. OPERATING INSTRUCTIONS

Initial Power-On:

- After plugging in, the refrigerator will start cooling. Allow it to run for several hours (at least 4-6 hours) to reach its optimal temperature before storing food.

Temperature Control:

- The temperature control panel is located inside the refrigerator compartment.
- Use the buttons to adjust the desired temperature for both the refrigerator and freezer sections. Refer to the labels on the control panel for specific temperature ranges.
- Recommended refrigerator temperature: 3°C (37°F).
- Recommended freezer temperature: -18°C (0°F).

Smart Diagnosis Feature:

- Your LG refrigerator is equipped with Smart Diagnosis technology. This feature allows LG service center to diagnose problems with your appliance over the phone.
- To use Smart Diagnosis, follow the instructions provided in the full LG Smart Diagnosis guide (usually available on the LG website or via a QR code on the appliance).
- This system can transmit data to a special app or directly to a service technician for quick and accurate troubleshooting.

Food Storage Tips:

- Store raw meat and fish in sealed containers on the lowest shelf to prevent dripping onto other foods.
- Wrap fruits and vegetables to maintain freshness.
- Do not overload the refrigerator, as this can impede air circulation and cooling efficiency.

6. MAINTENANCE

Cleaning the Interior:

- Unplug the refrigerator before cleaning.
- Clean the interior with a solution of mild detergent and warm water. Wipe thoroughly and dry.
- Remove shelves and drawers for easier cleaning.
- Do not use abrasive cleaners, harsh chemicals, or hot water, as they can damage surfaces.

Cleaning the Exterior:

- Wipe the exterior surfaces with a soft cloth dampened with mild detergent.
- For stainless steel surfaces, use a specialized stainless steel cleaner and polish in the direction of the grain.
- Clean the door gaskets regularly to ensure a tight seal.

Condenser Coils:

- The condenser coils are typically located at the back or bottom of the refrigerator.
- Dust and debris can accumulate on the coils, reducing efficiency. Clean them at least once a year using a vacuum cleaner with a brush attachment.

Defrosting:

- This refrigerator features a No Frost system, which automatically defrosts the freezer compartment. Manual defrosting is generally not required.
- If excessive frost builds up due to frequent door opening or high humidity, ensure the door seals are intact and consider reducing door opening frequency.

7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged; temperature set too high; door left open; poor ventilation.	Check power connection; adjust temperature settings; ensure door is closed properly; clear obstructions around the unit.
Excessive noise	Refrigerator not level; items rattling inside; fan obstruction.	Level the appliance; rearrange items; check for fan obstructions.
Water on floor	Drain hose clogged; drip tray overflowing.	Clear the drain hose; empty and clean the drip tray.
Door not closing properly	Door gasket dirty or damaged; items blocking door; refrigerator not level.	Clean or replace gasket; remove obstructions; level the appliance.

If the problem persists after attempting these solutions, please refer to the Smart Diagnosis feature or contact LG customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	LG
Model Number	LT16GBBSHM
Capacity	14.9 Cu. Ft. (422 Liters)
Configuration	Bottom Freezer Refrigerator
Number of Doors	2
Color	Silver
Product Dimensions (D x W x H)	60 cm x 63 cm x 174 cm
Item Weight	62 kg
Special Features	Smart Diagnosis, Inverter Compressor, Advanced Cooling Features
Cooling Method	Air Compressor
Installation Type	Freestanding
Electrical	Yes
Part Number	LT13DBBDIV

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official LG website. For technical support, service requests, or to utilize the Smart Diagnosis feature, please contact LG customer service in your region. Contact information can typically be found on the LG website or in the product documentation.

