

LG GL-S312SPZY

LG 272L Frost-Free Double Door Refrigerator GL-S312SPZY User Manual

Model: GL-S312SPZY

INTRODUCTION

Thank you for purchasing the LG 272L Frost-Free Double Door 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.



Image: Full exterior view of the LG 272L Frost-Free Double Door Refrigerator in Shiny Steel. This provides an overview of the appliance's design.

IMPORTANT SAFETY INSTRUCTIONS

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 an extension cord or adapter with this appliance.
- Keep ventilation openings clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the refrigerator before cleaning or performing any maintenance.
- Do not allow children to climb, stand, or hang on the shelves of the refrigerator.

SETUP AND INSTALLATION

Unpacking

Carefully remove all packaging materials. Ensure no parts are missing or damaged. Keep packaging materials away from children.

Location

- Place the refrigerator on a firm, level floor.
- Avoid direct sunlight or heat sources.
- Allow adequate space around the refrigerator for proper ventilation (at least 5 cm on sides and back, 10 cm on top).
- Ensure the ambient temperature is within the recommended range for optimal performance.

Leveling

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

Power Connection

Connect the power cord to a dedicated 230V AC, 50Hz grounded electrical outlet. Do not use multi-plugs or extension cords.

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 cool for several hours before storing food.

OPERATING INSTRUCTIONS

Temperature Control

The refrigerator features adjustable temperature controls for both the fresh food and freezer compartments. Refer to the control panel inside the refrigerator for specific settings. Adjust settings gradually and allow several hours for the temperature to stabilize.

Convertible Freezer

This refrigerator includes a convertible feature, allowing you to switch a section of the freezer to function as additional refrigeration space. This is useful when you require more fresh food storage. Consult the control panel or specific instructions inside the appliance for activating this mode.



Image: Interior view of the LG refrigerator freezer compartment, highlighting the convertible section and ice maker. This image shows how the freezer can be configured for different storage needs.

Multi Air Flow System

The Multi Air Flow system ensures even cooling throughout the refrigerator. Multiple vents distribute and circulate cool air to every corner, maintaining consistent temperatures and helping to keep food fresh.

Smart Inverter Compressor

Your refrigerator is equipped with a Smart Inverter Compressor, which adjusts its cooling power based on the internal load. This technology enhances energy efficiency and provides quiet operation.

Auto Smart Connect (Home Inverter Compatibility)

The Auto Smart Connect feature allows the refrigerator to automatically switch to home inverter power during an outage. This ensures continuous operation without manual intervention, consuming minimal power (less than 2 CFL bulbs) during power cuts.

Frost-Free Operation

This refrigerator is designed with a frost-free system, which prevents ice buildup in both the freezer and fresh food

compartments. Manual defrosting is not required.

Storage Features

- **Glass Shelves:** Adjustable glass shelves provide flexible storage options and are easy to clean.
- **Door Bins:** Utilize door bins for bottles, jars, and smaller items.
- **Crisper Drawer:** Use the dedicated crisper drawer for fruits and vegetables to maintain their freshness.



Image: Interior view of the LG refrigerator's fresh food compartment, showcasing the glass shelves, door bins, and crisper drawer. This illustrates the internal layout for food storage.

MAINTENANCE

Cleaning the Interior

- Unplug the refrigerator before cleaning.
- Use a soft cloth with a mild detergent and warm water solution.
- Wipe down all surfaces, shelves, and door bins. Rinse with clean water and dry thoroughly.
- Do not use abrasive cleaners, harsh chemicals, or hot water.

Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For shiny steel finishes, use a stainless steel cleaner if necessary, following the product instructions. Avoid spraying water directly onto the control panel.

Door Gaskets

Regularly clean the door gaskets to ensure a tight seal. A dirty or sticky gasket can prevent the door from closing properly, leading to increased energy consumption.

Condenser Coils

Periodically clean the condenser coils located at the back or bottom of the refrigerator. Dust and debris can accumulate, reducing cooling efficiency. Use a vacuum cleaner with a brush attachment.



Image: Rear view of the LG refrigerator, illustrating the location of the condenser coils and compressor area. Regular cleaning of these components is essential for efficient operation.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Refrigerator does not operate.	Power cord unplugged; circuit breaker tripped; power outage.	Check power connection; reset circuit breaker; verify power supply.
Temperature is too warm.	Door left open; excessive food load; temperature setting too high; poor ventilation.	Ensure door is closed; reduce food load; adjust temperature setting; clear obstructions around unit.
Unusual noises.	Refrigerator not level; items rattling inside; fan obstruction.	Level the refrigerator; rearrange items; check for obstructions near fan.

Problem	Possible Cause	Solution
Water on floor.	Drain pan overflowing; clogged drain hose.	Check and empty drain pan; clear drain hose.

Smart Diagnosis™

Your LG refrigerator is equipped with Smart Diagnosis™ technology. If you experience an issue, you can use the LG SmartThinQ app on your smartphone to diagnose potential problems. The appliance communicates with the app to identify up to 86 errors, providing immediate solutions or guiding you to contact service with precise information.

SPECIFICATIONS

Brand	LG
Model Number	GL-S312SPZY
Capacity	272 Liters
Configuration	Double Door
Defrost System Type	Automatic (Frost-Free)
BEE Star Rating	2 Star
Voltage	230 Volts (AC)
Item Weight	52 Kilograms
Shelf Type	Glass
Compressor Type	Smart Inverter Compressor
Convertible Freezer	Yes
Included Components	1 Refrigerator Unit, User Manual, Warranty Card

WARRANTY AND SUPPORT

Warranty Information

This LG refrigerator comes with a **1 Year Warranty** on the entire unit and a **10 Years Compressor Warranty**. Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions.

Customer Support

For technical assistance, service requests, or warranty claims, please contact LG Customer Service. Refer to the warranty card included with your product for contact details or visit the official LG website.

Note: Always provide your model number (GL-S312SPZY) and serial number when contacting customer support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question