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› LG GL-S322SPZY 288L Smart Inverter Frost-Free Double Door Refrigerator User Manual

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Model: GL-S322SPZY

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG GL-S322SPZY 288L Smart Inverter Frost-Free Double Door Refrigerator. Please read it thoroughly before operating the appliance and retain it for future reference.

The LG GL-S322SPZY is a 288-liter capacity, 2-star energy-rated, frost-free double door refrigerator featuring a Smart Inverter Compressor, Convertible functionality, and Multi Air Flow cooling system.

2. SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury when using your refrigerator.

- 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 appliance before cleaning or performing maintenance.
- Keep ventilation openings clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is intended for household use only.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your LG refrigerator.



Figure 3.1: Front view of the LG GL-S322SPZY refrigerator in Shiny Steel finish.



Figure 3.2: Interior view of the fresh food compartment, showing adjustable shelves, vegetable tray, and door bins.



Figure 3.3: Interior view of the freezer compartment, including the Convertible box and ice tray.

Key Features:

- **Smart Inverter Compressor:** Energy-efficient, quiet operation, and enhanced durability.
- **Frost-Free Operation:** Automatic defrost function prevents ice build-up.
- **Convertible Feature:** Allows the freezer compartment to be converted into additional refrigerator space.
- **Multi Air Flow:** Maintains consistent temperature levels throughout the refrigerator for optimal food freshness.
- **Smart Connect:** Enables connection to a home inverter for uninterrupted operation during power outages.
- **Smart Diagnosis:** Facilitates quick and easy troubleshooting of issues.
- **Anti-Bacterial Gasket:** Prevents the entry and build-up of fungi and bacteria.
- **Deodorizer:** Helps keep the refrigerator interior smelling fresh.
- **Toughened Glass Shelves:** Durable and easy to clean.

4. SETUP AND INSTALLATION

4.1 Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any damage. Keep packaging materials away from children.

4.2 Placement

- Place the refrigerator on a firm, level floor.
- Allow adequate space around the appliance for proper ventilation (at least 5 cm at the back and sides, 10 cm at the top).
- Avoid direct sunlight or heat sources.

- Do not install in areas where the temperature may drop below 5°C.

4.3 Leveling

Adjust the leveling feet at the bottom front of the refrigerator to ensure it is stable and level. This helps prevent vibrations and ensures proper door sealing.

4.4 Power Connection

Connect the power cord to a dedicated 220V AC outlet. The refrigerator is designed for stabilizer-free operation within a voltage range of 100-310V.

Warning: Do not use an extension cord or adapter with this appliance.

5. OPERATING INSTRUCTIONS

5.1 Initial Operation

After installation, allow the refrigerator to run for 2-3 hours before storing food items to ensure it reaches the optimal cooling temperature.

5.2 Temperature Control (I Micom)

The refrigerator features an I Micom temperature control system. Refer to the control panel inside the fresh food compartment to adjust the temperature settings for both the refrigerator and freezer sections. Typically, a medium setting is recommended for general use.

5.3 Convertible Feature

This refrigerator offers a convertible function, allowing you to switch the freezer compartment to function as a refrigerator when more fresh food storage is needed.



Figure 5.1: The convertible feature allows the freezer to switch between freezing and refrigerating modes.

To activate or deactivate the convertible mode, follow the instructions on the internal control panel. Ensure the freezer is empty before converting to refrigerator mode.

5.4 Multi Air Flow Cooling

The Multi Air Flow system ensures even cooling throughout the refrigerator by circulating cold air through multiple vents. This helps maintain consistent temperatures and keeps food fresher for longer.



Figure 5.2: Multi Air Flow system distributes cool air evenly to maintain optimal freshness.

5.5 Smart Connect (Home Inverter Compatibility)

The Smart Connect feature allows your refrigerator to operate on a home inverter during power cuts. Connect the refrigerator to your home inverter system as per the inverter manufacturer's guidelines. This ensures continuous cooling and food preservation.



Figure 5.3: Smart Connect enables the refrigerator to run on a home inverter during power outages.

5.6 Deodorizer and Anti-Bacterial Gasket

The built-in deodorizer helps neutralize odors, keeping the interior fresh. The anti-bacterial gasket around the doors prevents the growth of mold and bacteria, contributing to hygiene.

6. MAINTENANCE AND CLEANING

Caution: Always unplug the refrigerator before cleaning.

6.1 General Cleaning

- Clean the interior and exterior surfaces regularly with a soft cloth and mild detergent.
- Wipe down shelves, drawers, and door bins. Toughened glass shelves can be removed for easier cleaning.
- Clean the door gaskets with a damp cloth to ensure a tight seal.
- Avoid using abrasive cleaners, solvents, or hot water, as these can damage surfaces.

6.2 Frost-Free System

Your refrigerator is equipped with a frost-free system, which automatically defrosts the evaporator. This eliminates the need for manual defrosting of the freezer compartment.

7. TROUBLESHOOTING

Before contacting service, review the following common issues and their solutions.

7.1 Smart Diagnosis™

The Smart Diagnosis feature provides a fast and easy way to troubleshoot issues. If you encounter a problem, simply call the LG Service Helpline and place your phone on the appliance as instructed by the service representative. The appliance will transmit data to help diagnose the issue.

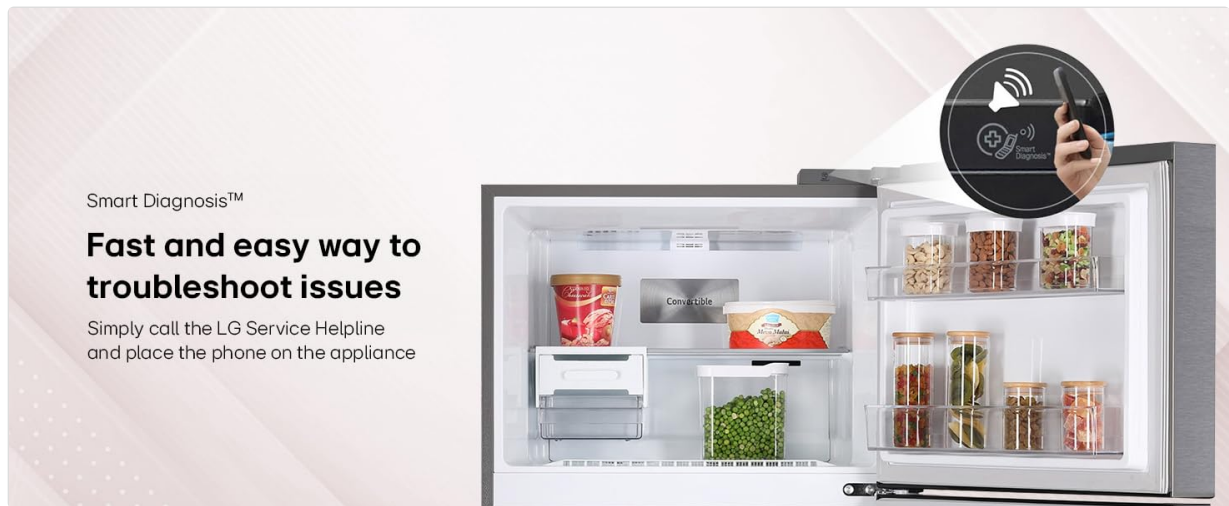


Figure 7.1: Smart Diagnosis helps identify and resolve appliance issues quickly.

7.2 Common Issues

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged, temperature setting too high, door not closed properly, excessive food load.	Check power connection, adjust temperature, ensure door is sealed, reduce food load if overfilled.
Unusual noises	Refrigerator not level, items vibrating inside, normal operating sounds (e.g., compressor, defrost).	Level the appliance, rearrange items, consult manual for normal sounds.
Water leakage	Drain hose blocked, door gasket not sealing properly.	Clear drain hose, clean and inspect door gasket.

If the problem persists after attempting these solutions, please contact LG customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	LG
Model	GL-S322SPZY
Capacity	288 Litres (Fresh Food: 229L, Freezer: 59L)
Energy Rating	2 Star
Annual Energy Consumption	274 Kilowatt Hours Per Year
Defrost System	Frost Free
Compressor Type	Smart Inverter Compressor
Installation Type	Freestanding
Colour	Shiny Steel
Voltage	220 Volts
Wattage	80 Watts
Dimensions (LxWxH)	66.9 x 58.5 x 167.5 Centimeters
Item Weight	51 kg
Shelf Type	Toughened Glass (3 shelves)
Special Features	Adjustable Shelves, Convertible, Inverter Compressor, Stabilizer free operation, Smart Diagnosis, Smart Connect, Multi Air Flow, Deodorizer, Anti-Bacterial Gasket, Humidity Controller, Veg tray (23L capacity), Tray Ice, Tray Egg, Pocket Handle.



Figure 8.1: Product dimensions (Depth x Width x Height).

9. WARRANTY INFORMATION

Your LG GL-S322SPZY Refrigerator comes with the following warranty:

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

Warranty terms and conditions apply. Please retain your purchase receipt for warranty claims.

10. SUPPORT AND CONTACT

For service, support, or any queries regarding your LG refrigerator, please contact LG Customer Service:

- **Toll-Free Numbers:** 1800 315 9999 / 1800 180 9999
- **Email:** SERVICEINDIA@LGE.COM
- **Manufacturer Address:** LG Electronics India Pvt. Ltd., 51, UDYOG VIHAR, GR. NOIDA (U.P)-201306, India.

When contacting support, please have your model number (GL-S322SPZY) and purchase details ready.