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Kelvinator KRS-B600BKG

Kelvinator 584 Litres Side-By-Side Refrigerator User Manual

MODEL: KRS-B600BKG

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Kelvinator 584 Litres Side-By-Side Refrigerator, Model KRS-B600BKG. Please read these instructions thoroughly before using the appliance and retain them for future reference.

The Kelvinator KRS-B600BKG is a frost-free side-by-side refrigerator designed for household use, offering a total capacity of 584 litres, with 350 litres for fresh food and 234 litres for the freezer compartment.



Figure 1: Front view of the Kelvinator KRS-B600BKG Side-By-Side Refrigerator.

2. Safety Information

Observe the following safety precautions to reduce the risk of fire, electric shock, or injury:

- Ensure the refrigerator is connected to a grounded power outlet with the correct voltage (230 Volts).
- Do not use extension cords or ungrounded adapters.
- Keep ventilation openings clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the appliance before cleaning or performing maintenance.
- Keep children away from packaging materials and the appliance itself.

3. Setup

3.1 Unpacking

Carefully remove all packaging materials, including tape and protective films. Inspect the refrigerator for any signs of damage during transit. Report any damage to your retailer immediately.

3.2 Placement

- Place the refrigerator on a firm, level surface to prevent vibrations and ensure proper door alignment.
- Allow adequate space around the appliance for proper ventilation. Maintain at least 10 cm (4 inches) clearance from the back and sides.
- Avoid placing the refrigerator in direct sunlight or near heat sources such as stoves, ovens, or radiators.
- The dimensions of the unit are approximately 91 cm (Width) x 175 cm (Height) x 69 cm (Depth). Ensure sufficient space for door opening.

3.3 Initial Cleaning

Before first use, clean the interior and exterior surfaces of the refrigerator with a soft cloth and a mild detergent solution. Rinse thoroughly and dry.

3.4 Power Connection

Plug the refrigerator into a dedicated 230V, 50Hz grounded electrical outlet. After plugging in, allow the refrigerator to operate empty for at least 2-4 hours to reach its stable operating temperature before loading food items.

4. Operating Instructions

4.1 Control Panel

The refrigerator features an LED touch control panel located on the exterior of the freezer door. This panel allows you to adjust temperatures and activate special functions.



Figure 2: LED Touch Control Panel for temperature and mode selection.

4.2 Temperature Control

- **REF.TEMP:** Press this button to adjust the temperature of the fresh food compartment.
- **FRZ.TEMP:** Press this button to adjust the temperature of the freezer compartment.
- **LOCK/UNLOCK:** Hold this button to lock or unlock the control panel to prevent accidental changes.

4.3 Special Modes

- **SUPER COOL/SUPER FREEZE:** Activates a rapid cooling or freezing function, ideal for quickly chilling newly added items.
- **VACATION:** This mode optimizes energy consumption when the refrigerator is not frequently opened, such as during extended absences. It maintains a higher temperature in the fresh food compartment to save energy while keeping the freezer at a standard temperature.

4.4 Internal Features

The refrigerator is equipped with various features designed for convenience and optimal food preservation.



Figure 3: Interior view of the Kelvinator KRS-B600BKG with doors open.

- **Toughened Glass Shelves:** These durable shelves can support heavy items and are easy to clean. They can be adjusted to different heights to accommodate various food sizes.
- **Twist Ice-Tray:** Located in the freezer, this tray allows for convenient ice cube production and dispensing.
- **LED-Lit Interiors:** Energy-efficient LED lighting illuminates both compartments, providing clear visibility of contents.
- **3D Airflow:** This system ensures even distribution of cold air throughout both the fresh food and freezer compartments, helping to maintain consistent temperatures and preserve food freshness.
- **Fungus Free Door Gasket:** The door gasket is designed to resist fungus growth, contributing to hygiene and sealing efficiency.



Figure 4: Freezer compartment interior, showing shelves and storage.



Figure 5: Fresh food compartment interior, showing shelves and storage.

5. Maintenance

5.1 Cleaning

- **Interior:** Clean the interior regularly with a solution of mild soap and warm water. Wipe dry with a soft cloth. Remove shelves and drawers for thorough cleaning.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. For glass surfaces, use a glass cleaner.
- **Door Gasket:** Clean the door gaskets regularly to ensure a tight seal. Use a damp cloth and mild soap.
- **Condenser Coils:** Periodically clean the condenser coils at the back or bottom of the refrigerator to maintain efficiency. Unplug the appliance before cleaning.

5.2 Defrosting

This refrigerator features a frost-free system, eliminating the need for manual defrosting. However, ensure that the freezer door is always closed properly to prevent excessive frost buildup.

5.3 Power Outage

In case of a power outage, keep the refrigerator doors closed to maintain internal temperatures for as long as

possible. Avoid opening the doors unnecessarily.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged; thermostat set too high; door left open; poor ventilation.	Check power connection; adjust temperature settings; ensure door is closed; clear obstructions around the unit.
Unusual noises	Refrigerator not level; items vibrating inside; normal operating sounds.	Adjust leveling feet; rearrange items; some sounds (e.g., refrigerant flow) are normal.
Water on floor	Drain tube clogged; door not sealing properly.	Clear drain tube; check door gasket for proper seal.
Door not closing completely	Door gasket dirty or damaged; refrigerator not level; items obstructing closure.	Clean or replace gasket; level the appliance; remove obstructions.

7. Specifications

Key technical specifications for the Kelvinator KRS-B600BKG Refrigerator:

Feature	Specification
Brand	Kelvinator
Model	KRS-B600BKG
Total Capacity	584 Litres
Fresh Food Capacity	350 Litres
Freezer Capacity	234 Litres
Dimensions (WxHxD)	91 cm x 175 cm x 69 cm
Item Weight	75 kg
Defrost System	Frost Free
Annual Energy Consumption	0.5 Kilowatt Hours
Voltage	230 Volts
Shelf Type	Toughened Glass
Number of Shelves	3
Number of Drawers	2
Special Features	Vacation Energy Mode, Super-Fast Cooling, Fungus Free Door, Twist Ice-Tray, LED-Lit Interiors, Temp Control LED Touch Panel, 3D Airflow
Certification	Energy Star

8. Warranty

Your Kelvinator KRS-B600BKG Refrigerator comes with the following warranty coverage:

- **10 Years Compressor Warranty:** Covers the compressor component.
- **1 Year Comprehensive Warranty:** Covers the entire appliance against manufacturing defects.

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

9. Support

For technical assistance, service requests, or inquiries regarding your Kelvinator refrigerator, please contact Kelvinator customer support. Refer to your product documentation or the Kelvinator official website for contact details.