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- › [BOSCH](#) /
- › [Bosch Serie | 6 NoFrost Refrigerator KGN49LB30U User Manual](#)

BOSCH KGN49LB30U

Bosch Serie | 6 NoFrost Refrigerator KGN49LB30U User Manual

Model: KGN49LB30U | Net Capacity: 435 Liters

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation of your Bosch Serie | 6 NoFrost Refrigerator, model KGN49LB30U. This appliance features a bottom freezer, a sleek glass door, and advanced technologies like NoFrost, Multi Airflow-System, VitaFresh Plus, and SuperCooling to ensure optimal food preservation.





Figure 1: Front view of the Bosch KGN49LB30U refrigerator with its black glass door.

2. SAFETY INFORMATION

Before operating your new refrigerator, please read this manual thoroughly. Keep these instructions for future reference. Failure to follow these safety guidelines may result in electric shock, fire, or injury.

- Ensure the appliance is properly grounded to prevent electrical shock.
- Do not damage the refrigerant circuit. If damage occurs, avoid open flames and ventilate the room thoroughly.
- 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 store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the appliance before cleaning or performing maintenance.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove all packaging materials. Inspect the appliance for any damage during transit. Report any damage to your retailer immediately.

3.2 Placement

- Place the refrigerator on a firm, level surface.
- Ensure adequate ventilation around the appliance. Maintain a minimum clearance of 5-10 cm from walls and other furniture.
- Avoid placing the refrigerator near direct sunlight, heat sources (e.g., oven, radiator), or in extremely cold environments.
- The appliance dimensions are approximately 67 cm (Depth) x 70 cm (Width) x 203 cm (Height).



Figure 2: Dimensional overview of the Bosch KGN49LB30U refrigerator.

3.3 Electrical Connection

Connect the appliance to a dedicated 240 Volt, 50 Hz grounded power outlet. Do not use extension cords or multiple socket adapters.

3.4 Initial Cleaning

Before first use, clean the interior of the refrigerator with a mild detergent and warm water. Wipe dry thoroughly.

3.5 Initial Operation

After plugging in, allow the refrigerator to run for at least 4-6 hours before loading it with food. This allows the internal temperature to stabilize.

3.6 Included Components

Your refrigerator comes with the following accessories:

- 2 x cold accumulators
- 3 x egg trays
- 1 x ice cube tray with lid
- 1 x bottle holder in door tray

4. OPERATING INSTRUCTIONS

4.1 Control Panel

The electronic control panel is located on the exterior of the upper door. It allows you to adjust temperatures and activate special functions for both the refrigerator and freezer compartments.

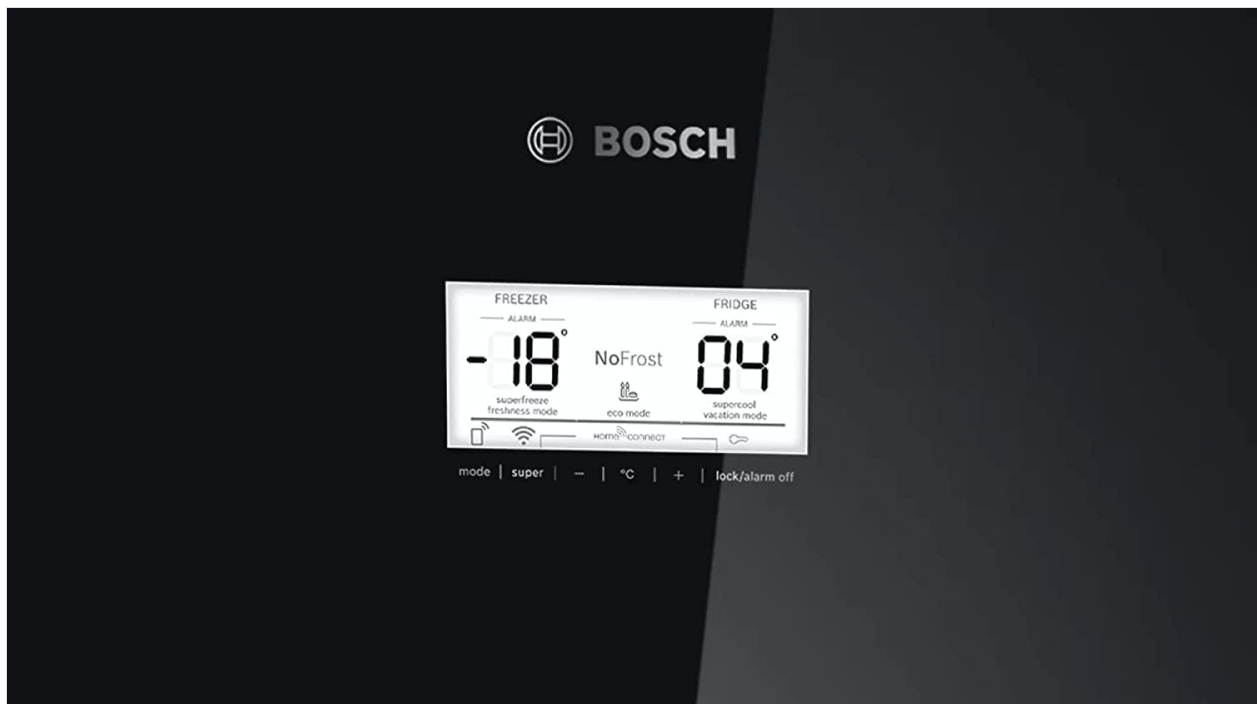


Figure 3: Detail of the refrigerator's digital control panel.

4.2 Temperature Settings

Use the control panel to set the desired temperatures. Recommended settings are typically +4°C for the refrigerator and -18°C for the freezer.

4.3 Special Functions

- **SuperCooling:** Quickly lowers the refrigerator temperature to chill newly added food items.

- **SuperFreeze:** Rapidly freezes fresh food to preserve nutrients and texture.
- **VitaFresh Plus:** Specialized drawers designed to keep fruits and vegetables fresh for longer by maintaining optimal humidity and temperature.
- **VarioZone:** Flexible freezer compartment with removable glass shelves for customizable storage space.

4.4 NoFrost Technology

The NoFrost system prevents ice build-up in the freezer compartment, eliminating the need for manual defrosting. Cold, dry air circulates evenly to prevent frost formation.

4.5 Multi Airflow-System

This system ensures even distribution of cold air throughout the refrigerator compartment, maintaining consistent temperatures and reducing temperature fluctuations.





Figure 4: Interior view of the Bosch KGN49LB30U, highlighting storage and features.

5. MAINTENANCE AND CLEANING

5.1 General Cleaning

- Always unplug the appliance before cleaning.
- Clean the interior and exterior surfaces with a soft cloth and a mild, non-abrasive detergent. Avoid harsh chemicals or abrasive cleaners.
- Wipe the glass door with a soft, damp cloth and dry immediately to prevent streaks.
- Clean the door seals regularly to ensure a tight seal.

5.2 Defrosting

The NoFrost system automatically defrosts the freezer compartment, so manual defrosting is not required. Any water from the defrost cycle is evaporated automatically.

5.3 AirFreshfilter

The AirFreshfilter helps to neutralize odors inside the refrigerator. Refer to the full product manual for specific instructions on filter replacement or maintenance, if applicable.

5.4 Power Outage

In case of a power outage, keep the refrigerator doors closed to maintain the internal temperature for as long as possible. The cold accumulators provided can help extend storage time in the freezer.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Refrigerator not cooling	Power supply issue, temperature setting too high, door left open, excessive food load.	Check power connection, adjust temperature, ensure door is closed, reduce food load temporarily.
Unusual noises	Appliance not level, items touching back wall, normal operating sounds (e.g., refrigerant flow).	Level the appliance, reposition items, understand that some sounds are normal.
Water on floor/inside	Blocked drain hole, door not sealing properly.	Clear drain hole, check door seal for obstructions or damage.
Door not closing properly	Obstruction, uneven appliance, damaged door seal.	Remove obstruction, level appliance, inspect and clean/replace door seal.

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

7. SPECIFICATIONS

Feature	Specification
Brand	BOSCH
Model Info	KGN49LB30U
Product Dimensions (D x W x H)	67 x 70 x 203 cm
Item Weight	75 Kilograms
Net Capacity	435 Liters
Refrigerator Fresh Food Capacity	330 Liters
Freezer Capacity	105 Liters
Efficiency Rating	A
Annual Energy Consumption	219 Kilowatt Hours Per Year
Installation Type	Freestanding
Form Factor	Freezer Bottom
Color	Black
Voltage	240 Volts
Wattage	100 watts
Defrost System	Automatic (NoFrost)
Door Material Type	Glass
Number of Shelves (Fridge)	3

Feature	Specification
Number of Crispers/Drawers	2
Certification	CE

8. WARRANTY AND SUPPORT





Your Bosch refrigerator is covered by a manufacturer's warranty. Please refer to the warranty card included with your appliance for specific terms and conditions. For technical assistance, service requests, or further inquiries, please contact Bosch customer support.



Bosch's Hotline for Support: 15196

You can also visit the official Bosch website for more information and to locate authorized service centers.

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Related Documents - KGN49LB30U

	<p>Bosch Serie 6 KAG93AIEPG American Side-by-Side Fridge-Freezer</p> <p>Detailed information on the Bosch Serie 6 KAG93AIEPG American side-by-side fridge-freezer, featuring NoFrost technology, indoor electronics, an ice dispenser, MultiBox drawers, and LED lighting. Includes technical specifications, dimensions, and performance data.</p>
	<p>Bosch Series 6 KBN96ADDO Built-in Fridge Freezer XXL Capacity, VitaFresh</p> <p>Explore the Bosch Series 6 KBN96ADDO built-in fridge-freezer. This 70.8 cm wide appliance offers XXL capacity, VitaFresh <0°C> for ideal food storage, Super Cooling, and dual cooling systems. Find detailed specifications, dimensions, and installation information.</p>
	<p>Bosch Serie 2 KTR15NWEAG Fridge Installation Guide</p> <p>Detailed installation instructions for the Bosch Serie 2 KTR15NWEAG freestanding fridge. Includes dimensions, placement guidelines, required tools, and step-by-step assembly. Ensure proper ventilation and electrical connection.</p>
	<p>Bosch accent line Einbaugeräte-Verkaufshandbuch 2025/2026</p> <p>Das Bosch accent line Einbaugeräte-Verkaufshandbuch 2025/2026 bietet Fachhändlern detaillierte Informationen zu Einbauküchengeräten, einschließlich der Matt Design Serie. Erfahren Sie mehr über Produktübersichten, technische Spezifikationen und Kombinationsmöglichkeiten für den Küchen- und Möbelfachhandel.</p>

	<p>Bosch Serie 2 Fridge Freezer Installation Instructions</p> <p>Comprehensive guide for installing a Bosch Serie 2 fridge freezer, including safety precautions, required tools, dimensions, and step-by-step assembly procedures.</p>
	<p>Bosch Series 2 KIN96NSE0 Built-in Fridge-Freezer Technical Specifications</p> <p>Detailed technical specifications, features, and installation dimensions for the Bosch Series 2 KIN96NSE0 built-in fridge-freezer with bottom freezer, NoFrost, LED lighting, and two cooling systems.</p>