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› Bosch KDN42AL50I Frost-free Double-door Refrigerator User Manual

Bosch KDN42AL50I

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Model: KDN42AL50I

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Bosch KDN42AL50I Frost-free Double-door Refrigerator. Please read it thoroughly before using your appliance and keep it for future reference.



Image 1.1: Front view of the Bosch KDN42AL50I Frost-free Double-door Refrigerator in silver finish.

2. SAFETY INFORMATION

Always follow basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury. This refrigerator uses R-600A refrigerant, which is flammable. Ensure proper ventilation and avoid damaging the refrigerant circuit.

- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Ensure the appliance is properly grounded.
- Keep ventilation openings clear of obstruction.
- Unplug the appliance before cleaning or performing maintenance.

3. SETUP

3.1 Unpacking

Carefully remove all packaging materials. Dispose of packaging responsibly. Check the appliance for any damage incurred during transit. If damage is found, do not connect the appliance and contact your retailer.

3.2 Placement

- Place the refrigerator on a firm, level surface. Use the adjustable feet to ensure stability and proper door alignment.
- Allow adequate space around the appliance for proper ventilation (at least 10 cm at the back and sides, and 30 cm above). This ensures efficient operation and prevents overheating.
- Avoid placing the refrigerator in direct sunlight or near heat sources such as ovens, radiators, or heaters.

3.3 Electrical Connection

Connect the appliance to a dedicated, properly grounded electrical outlet. Ensure the voltage and frequency match the specifications on the rating plate of the refrigerator. Do not use extension cords or multiple socket adapters.

3.4 Initial Cleaning

Before first use, clean the interior and exterior of the refrigerator with a soft cloth and a mild detergent solution. Rinse with clean water and dry thoroughly. Allow the refrigerator to stand for at least 2-4 hours before plugging it in to allow refrigerants to settle.

4. OPERATING INSTRUCTIONS

4.1 Temperature Control

Your Bosch KDN42AL50I refrigerator features a multi-air flow system for consistent cooling throughout the compartments. The temperature controls are typically located inside the refrigerator compartment. Adjust the thermostat dial or electronic controls to your desired setting. A medium setting is usually sufficient for general use.

4.2 Storage Recommendations

- **Refrigerator Compartment:** Utilize the height-adjustable safety glass shelves for flexible storage. The removable door storage compartments are ideal for bottles and smaller items.
- **Freezer Compartment:** The tilt-able freezer door trays provide convenient access. For quick freezing, use the Super Freeze section.
- Ensure food items are properly sealed to prevent odor transfer and maintain freshness.

4.3 Special Features

- **Door Lock:** This model includes a door lock feature for added security. Refer to the specific mechanism on your appliance for operation.
- **Deodorizing Function:** The integrated deodorizing function helps to neutralize odors within the refrigerator compartment, maintaining a fresh environment for your food.

- **Air Fresh Filter with Anti-Bacteria:** This filter helps to keep the air inside the refrigerator clean and hygienic, reducing bacterial growth.

5. MAINTENANCE

5.1 Cleaning

- **Interior:** Clean the interior regularly with a solution of mild detergent and warm water. Avoid abrasive cleaners or solvents. Remove shelves and drawers for thorough cleaning.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. For the chrome inox-metallic finish, use a specialized stainless steel cleaner if necessary.
- **Door Seals:** Clean door seals regularly to ensure they remain pliable and maintain a tight seal.
- Always unplug the refrigerator before cleaning.

5.2 Defrosting

Your Bosch KDN42AL50I is a frost-free refrigerator, meaning manual defrosting is not required. The appliance automatically manages frost build-up in the freezer compartment.

5.3 Air Fresh Filter

The air fresh filter with anti-bacteria should be checked periodically. Refer to the appliance's internal instructions for filter replacement or cleaning frequency to ensure optimal hygiene.

6. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Refrigerator not cooling	Power supply issue; Temperature setting too high; Door not closed properly	Check power plug and circuit breaker; Adjust temperature setting; Ensure door is fully closed and seals are intact
Unusual noises	Appliance not level; Items touching back wall; Compressor operation	Adjust leveling feet; Rearrange items; Compressor noise is normal during operation
Water on floor/inside	Drain hole blocked; Door left open	Clear drain hole; Ensure door is closed properly

7. SPECIFICATIONS

- **Model:** KDN42AL50I
- **Type:** Frost-free Double-door Refrigerator
- **Total Capacity:** 367 Liters
- **Configuration:** Double
- **Color:** Silver
- **Refrigerant:** R-600A
- **Cooling Method:** Compressor
- **Shelf Type:** Glass
- **Special Features:** Door Lock, Deodorizing, Multi Air Flow System, Super Freeze, Air Fresh Filter with Anti-Bacteria
- **Energy Rating:** 5 Star

- **Included Components:** Refrigerator
- **Manufacturer:** Bosch (Note: Product data indicates 'samsung' as manufacturer, but 'Bosch' is the brand. Please refer to product label for definitive manufacturer information.)

8. WARRANTY AND SUPPORT

Your Bosch KDN42AL50I Refrigerator comes with the following warranty:

- **Product Warranty:** 1 year from the date of purchase.
- **Compressor Warranty:** 5 years from the date of purchase.

For warranty claims, technical support, or service requests, please contact Bosch customer service. Keep your purchase receipt as proof of purchase.