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Bosch KDN43VB40I

Bosch 347 L 4 Star Inverter Frost-Free Double Door Refrigerator (KDN43VB40I) - Instruction Manual

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1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Bosch KDN43VB40I 347 L 4 Star Inverter Frost-Free Double Door Refrigerator. Please read this manual thoroughly before using the appliance to ensure safe and efficient operation.

The Bosch KDN43VB40I refrigerator features a 2-door top freezer design, engineered for 7 days of freshness. It includes an automatic holiday mode, a Vario Inverter compressor, and 5 intelligent sensors to enhance energy efficiency by 30%. Key features include a Vitafresh crisper with humidity control, an Air fresh filter, 16 hours of cooling retention, a multi-airflow system, and a door airflow system. This appliance is also designed to work with UPS systems.



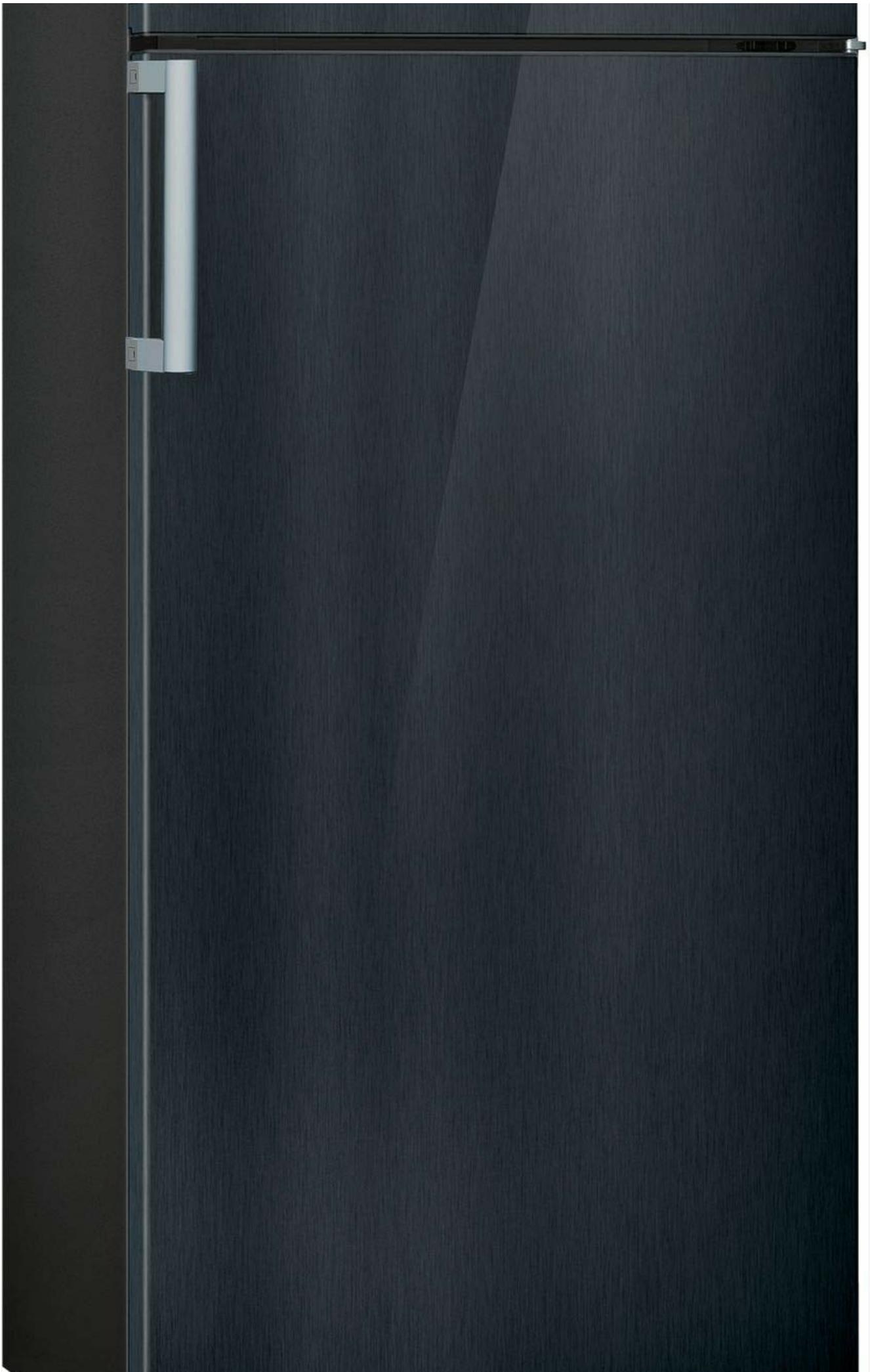




Figure 1.1: Front view of the Bosch KDN43VB40I Double Door Refrigerator.

2. SETUP AND INSTALLATION

2.1 Unpacking

Carefully remove all packaging materials. Ensure that all included components are present: 1 Refrigerator Unit, User Manual, and 1 Egg Tray. Inspect the appliance for any damage incurred during transit. Report any damage to your retailer immediately.

2.2 Placement

Place the refrigerator on a firm, level surface away from direct sunlight, heat sources (like stoves or radiators), and moisture. Ensure adequate ventilation around the unit. Maintain a minimum clearance of 10 cm (4 inches) from the back and sides for proper air circulation.

- **Dimensions (LxWxH):** 65 x 65 x 175 Centimeters
- **Item Weight:** 75 kg



Figure 2.1: Refrigerator dimensions for proper placement. The height is approximately 1754 mm, width 652 mm, and depth 648 mm.

2.3 Power Connection

Connect the refrigerator to a dedicated power outlet. Ensure the power supply matches the appliance's requirements:

- **Voltage:** 240 Volts
- **Wattage:** 160 Watts

The appliance is designed to work with UPS systems, providing continuous operation during power outages.

2.4 Initial Start-up

After connecting to power, allow the refrigerator to stand for at least 2-4 hours before loading food. This allows the refrigerant to settle. Set the temperature controls to the recommended settings (refer to the Operating section) and allow the appliance to cool for several hours before storing food items.

3. OPERATING INSTRUCTIONS

3.1 Temperature Control

The refrigerator features intuitive temperature controls. Refer to the control panel located inside the refrigerator compartment for specific settings. The Vario Inverter compressor and 5 intelligent sensors automatically adjust cooling based on internal and external conditions to maintain optimal temperatures and energy efficiency.



Figure 3.1: Interior view of the refrigerator compartment, showing shelves and storage areas.

3.2 Freezer Compartment Usage

The top freezer compartment is designed for freezing and long-term storage of frozen foods. Ensure packages are sealed properly to prevent freezer burn.



Figure 3.2: Interior view of the freezer compartment, showing storage shelves and ice maker.

3.3 Special Features

- **Vitafresh Crisper with Humidity Control:** This drawer maintains optimal humidity levels to keep fruits and vegetables fresh for longer periods. Adjust the humidity slider as needed for different produce types.
- **Air Fresh Filter:** Helps to neutralize odors inside the refrigerator, keeping the air clean and fresh.
- **Automatic Holiday Mode:** Activates an energy-saving mode when you are away for an extended period, maintaining a higher temperature in the refrigerator compartment while keeping the freezer at its normal setting.
- **Multi Airflow System:** Ensures even distribution of cold air throughout the refrigerator, maintaining consistent temperatures and rapid cooling.
- **Door Airflow System:** Specifically designed to cool items stored in the door shelves effectively.
- **Cooling Retention:** The refrigerator can retain cooling for up to 16 hours during power outages, protecting your food.

4. MAINTENANCE

4.1 Cleaning the Refrigerator

Regular cleaning helps maintain hygiene and efficiency. Always unplug the refrigerator before cleaning.

- Clean the interior with a solution of mild detergent and warm water. Wipe dry thoroughly.
- Removable shelves and drawers can be washed in warm soapy water.
- Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Clean the door seals regularly to ensure a tight seal and prevent energy loss.

4.2 Defrosting

This refrigerator features a frost-free defrost system, eliminating the need for manual defrosting. Ice buildup is automatically managed by the system.

5. TROUBLESHOOTING GUIDE

Before contacting customer service, please refer to the following common issues and their solutions:

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged; thermostat set too high; door not closed properly; excessive food load.	Check power connection; adjust thermostat to a lower setting; ensure door is fully closed; reduce food load if overloaded.
Unusual noise	Refrigerator not level; items vibrating inside; compressor noise (normal).	Adjust leveling feet; rearrange items; compressor noise is normal during operation.
Water on floor/inside	Drain tube blocked; door not sealing properly.	Clear drain tube (refer to full manual); check door seal for obstructions or damage.
Door not closing completely	Food packages obstructing; door gasket dirty or damaged; refrigerator not level.	Rearrange items; clean or replace gasket; level the refrigerator.

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

6. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Bosch
Model	KDN43VB40I
Capacity	347 litres
Energy Efficiency	4 Star Rating (2019)
Annual Energy Consumption	221 Kilowatt Hours
Refrigerator Fresh Food Capacity	266 litres
Freezer Capacity	81 Litres
Installation Type	Freestanding
Form Factor	Double Door, Freezer-on-Top
Special Features	Inverter, Vitafresh crisper with Humidity control, Air fresh filter, 16 hours cooling retention, Multi airflow system, Door airflow system, Works on UPS, Automatic holiday mode, 5 intelligent sensors
Colour	Black Metallic
Voltage	240 Volts
Wattage	160 Watts
Defrost System	Frost Free
Shelf Type	Toughened Glass
Certification	Energy Star
Material	Stainless-Steel
Included Components	1 Refrigerator Unit, User Manual, Egg Tray
Item Weight	75 kg
Item Dimensions (LxWxH)	65 x 65 x 175 Centimeters
Manufacturer	BSH HOUSEHOLD APPLIANCES MANUFACTURING PVT LTD
Date First Available	24 April 2019

7. WARRANTY INFORMATION

Your Bosch KDN43VB40I Refrigerator comes with a limited warranty:

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

Please retain your purchase receipt as proof of purchase for warranty claims. The warranty covers manufacturing defects

under normal use conditions. For full terms and conditions, please refer to the warranty card included with your appliance or contact Bosch customer support.

8. CUSTOMER SUPPORT

For technical assistance, service requests, or any inquiries regarding your Bosch refrigerator, please contact:

- **Bosch Customer Service:** 18002661800
- **Manufacturer:** BSH HOUSEHOLD APPLIANCES MANUFACTURING PVT LTD

When contacting support, please have your model number (KDN43VB40I) and purchase date available.