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› Beko RDNE455E40DXBN Refrigerator Instruction Manual

## Beko RDNE455E40DXBN

# Beko RDNE455E40DXBN Refrigerator Instruction Manual

Model: RDNE455E40DXBN

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your Beko RDNE455E40DXBN double door refrigerator. Please read these instructions thoroughly before installation and use, and keep them for future reference. This appliance features a total net capacity of 406 liters, No Frost technology in both the refrigerator and freezer compartments, and an energy efficiency class E rating. It has a right-hand door hinge, LED display, SN-T climate class, and 39 dB noise emission. The refrigerator net capacity is 313 L with internal light, and the freezer net capacity is 93 L with a freezing capacity of 5.5 kg/24h. It also includes a fresh zone compartment and has a metal look finish.

## 2. SAFETY INFORMATION

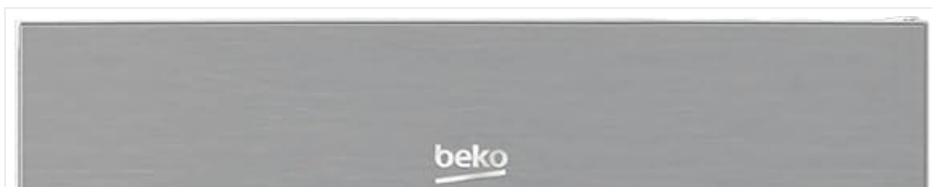
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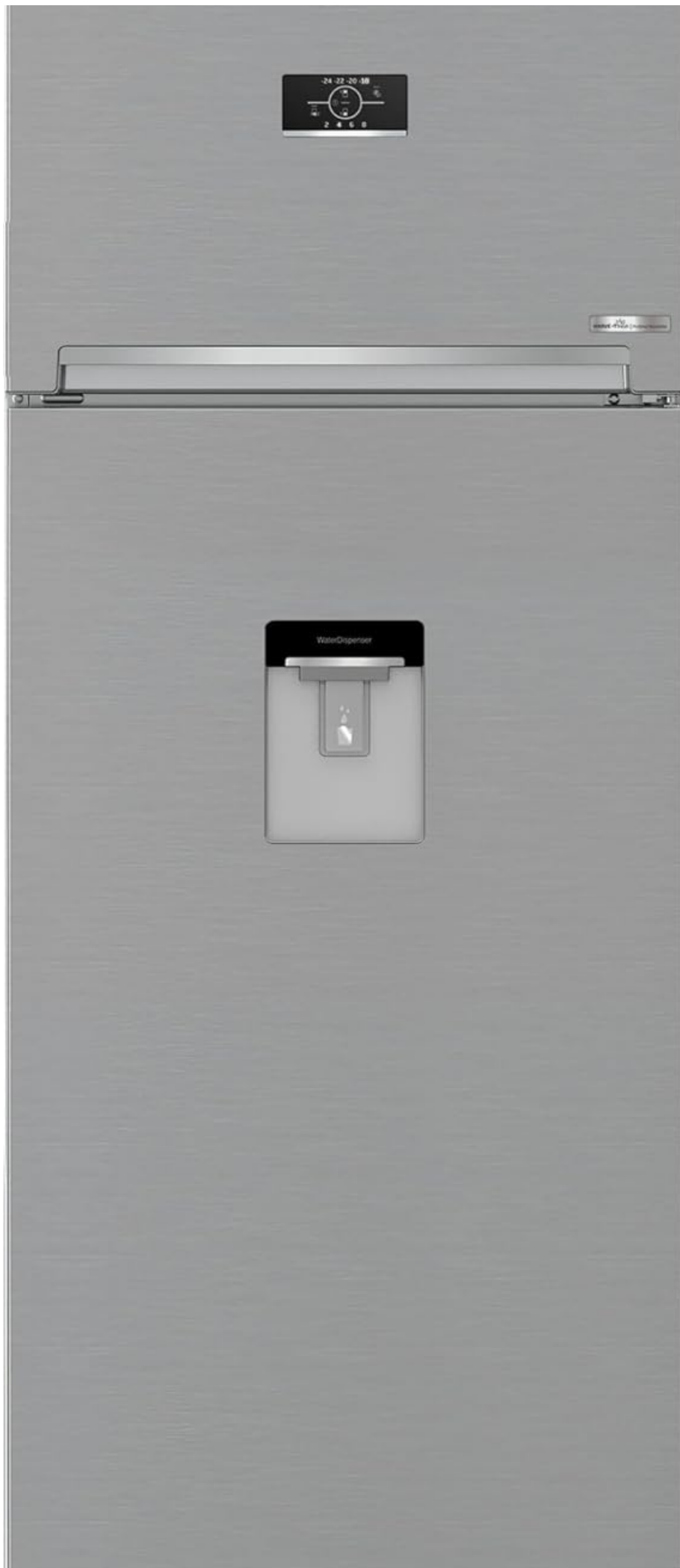
Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. This appliance is intended for household use only. Ensure proper grounding. Do not damage the refrigerant circuit. Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer. Keep ventilation openings clear of obstruction.

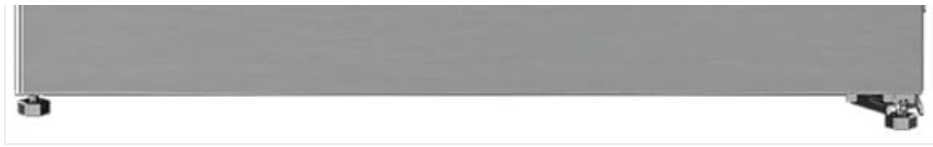
## 3. PRODUCT OVERVIEW

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The Beko RDNE455E40DXBN is a double door refrigerator designed for optimal food preservation. It includes separate compartments for refrigeration and freezing, equipped with advanced cooling technologies.







**Figure 3.1:** Front view of the Beko RDNE455E40DXBN refrigerator, showcasing its metal look finish and integrated water dispenser.





**Figure 3.2:** Angled view of the refrigerator, highlighting its sleek design and the top-mounted freezer compartment.



Figure 3.3: Interior view of the refrigerator and freezer compartments, showing shelves, door bins, and the HarvestFresh

drawer with various food items.



**Figure 3.4:** Empty interior of the refrigerator, illustrating the adjustable glass shelves, door storage, and the HarvestFresh

crisper drawer.



**Figure 3.5:** Close-up view of the NeoFrost Dual Cooling system vent inside the refrigerator compartment, ensuring optimal air circulation.



**Figure 3.6:** Detailed view of the HarvestFresh crisper drawer, featuring its unique lighting technology designed to preserve vitamins in fruits and vegetables.



**Figure 3.7:** Close-up of the refrigerator door shelves, including the SlimTank for the water dispenser, providing convenient storage for bottles and smaller items.

### Key Features:

- **HarvestFresh Technology:** Utilizes a 3-light system to mimic the sun's 24-hour cycle, preserving vitamins in fruits and vegetables longer.
- **NeoFrost Dual Cooling:** Two separate cooling systems prevent odor transfer between the freezer and refrigerator, maintaining ideal humidity and temperature levels.
- **ProSmart Inverter Compressor:** Offers faster cooling, reduced energy consumption, and quieter operation compared to standard compressors.
- **No Frost:** Prevents ice build-up in both freezer and refrigerator compartments, eliminating the need for manual defrosting.
- **Total Net Capacity:** 406 liters (313 liters refrigerator, 93 liters freezer).
- **Energy Efficiency Class:** E.

## 4. SETUP AND INSTALLATION

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### 4.1 Unpacking

Carefully remove all packaging materials. Inspect the appliance for any damage. Report any damage to

your retailer immediately. Keep packaging materials out of reach of children.

## 4.2 Placement

- Place the refrigerator on a firm, level surface.
- Ensure adequate ventilation around the appliance. Maintain a minimum distance of 10 cm (4 inches) from walls and other furniture.
- Avoid placing the appliance near heat sources (e.g., ovens, radiators, direct sunlight) or in excessively cold environments.
- The climate class of this appliance is SN-T, meaning it is designed to operate in ambient temperatures between 10°C and 43°C.

## 4.3 Leveling

Adjust the front leveling feet to ensure the appliance is stable and level. This prevents vibrations and ensures proper door closure.

## 4.4 Electrical Connection

Before plugging in, ensure the voltage and frequency indicated on the rating plate match your household power supply. The appliance requires a grounded outlet. Do not use extension cords or multiple socket adapters.

## 4.5 Initial Use

After installation, wait at least 4 hours before plugging in the appliance to allow the refrigerant to settle. Clean the interior before first use. Set the temperature controls to the recommended settings and allow the appliance to run for several hours (e.g., 6-12 hours) before storing food.

# 5. OPERATING INSTRUCTIONS

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## 5.1 Temperature Control

Your refrigerator is equipped with an LED display for temperature control. Refer to the display panel on the appliance for specific instructions on adjusting the temperature settings for both the refrigerator and freezer compartments. Generally, colder settings are indicated by lower numbers or specific temperature values.

## 5.2 HarvestFresh Technology

The HarvestFresh drawer uses a 3-color light system (green, blue, red) that simulates the natural 24-hour sun cycle. This technology helps to preserve the vitamin content of fruits and vegetables stored in the drawer for longer periods. No manual adjustment is required for this feature; it operates automatically.

## 5.3 NeoFrost Dual Cooling System

This system employs two independent cooling circuits for the refrigerator and freezer. This prevents air and odor transfer between compartments, ensuring optimal humidity in the refrigerator to keep food fresh and a dry, frost-free environment in the freezer.

## 5.4 Storing Food

- **Refrigerator Compartment:** Ideal for fresh foods, dairy products, cooked meals, and beverages. Use the HarvestFresh drawer for fruits and vegetables.
- **Freezer Compartment:** Suitable for long-term storage of frozen foods. Do not exceed the recommended storage times indicated on food packaging. The freezing capacity is 5.5 kg/24h.

- Ensure food is properly wrapped or covered to prevent drying out and odor transfer.

## 6. MAINTENANCE AND CLEANING

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### 6.1 Cleaning the Interior

Unplug the appliance before cleaning. Clean the interior regularly with a solution of mild detergent and warm water. Rinse thoroughly and dry with a soft cloth. Do not use abrasive cleaners, solvents, or harsh chemicals. Remove shelves and drawers for easier cleaning.

### 6.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For stainless steel or metal finishes, use a specialized cleaner if necessary, following the product instructions. Avoid getting water into electrical components.

### 6.3 Defrosting

This appliance features No Frost technology in both compartments, eliminating the need for manual defrosting. If ice build-up occurs due to improper use (e.g., leaving doors open), unplug the appliance and allow the ice to melt naturally, then clean and dry the interior.

### 6.4 Door Seal Care

Regularly check and clean the door seals to ensure they are free from food particles and remain flexible. A clean, tight seal helps maintain energy efficiency.

## 7. TROUBLESHOOTING

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

- **Appliance does not operate:** Check if the power cord is plugged in correctly. Verify the circuit breaker or fuse.
- **Temperature is not cold enough:** Ensure the temperature setting is appropriate. Check if the door is fully closed. Avoid overloading the compartments. Ensure adequate ventilation around the appliance.
- **Unusual noises:** Slight humming from the compressor is normal. Gurgling or bubbling sounds are due to refrigerant circulation. Clicking sounds may occur when the thermostat operates. Ensure the appliance is level.
- **Water on the floor:** Check if the drain hole is blocked. Ensure the water collection tray is correctly positioned.
- **Odor transfer:** Ensure food is properly covered. Clean the interior regularly.

If the problem persists after checking these points, contact authorized service personnel.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	Beko
Model Number	RDNE455E40DXBN
Total Net Capacity	406 Liters
Refrigerator Net Capacity	313 Liters
Freezer Net Capacity	93 Liters
Energy Efficiency Class	E
Annual Energy Consumption	243 kWh
No Frost System	Yes (Refrigerator & Freezer)
Climate Class	SN-T
Noise Emission	39 dB
Freezing Capacity	5.5 kg/24h
Door Hinge	Right
Display Type	LED
Product Color	Metal Look
Item Weight	75 Kilograms

## 9. WARRANTY AND SUPPORT

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For warranty information and return policies, please refer to the terms provided by your retailer or the manufacturer's official website. In general, if you wish to return a product within 30 days of receipt because you changed your mind, consult the retailer's help page. If you have received a defective or damaged product, consult the retailer's help page for specific instructions on returns and replacements.

For technical support or service requests, please contact Beko customer service or an authorized service center. Ensure you have your model number (RDNE455E40DXBN) and serial number ready when contacting support.