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> Panasonic 450 L 3 Star Inverter Frost-Free Double-Door Refrigerator User Manual

## Panasonic NR-BX468XGX3

# Panasonic 450 L 3 Star Inverter Frost-Free Double-Door Refrigerator User Manual

Model: NR-BX468XGX3

## 1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, installation, and maintenance of your new Panasonic 450 L 3 Star Inverter Frost-Free Double-Door Refrigerator, model NR-BX468XGX3. Please read this manual thoroughly before using the appliance and keep it for future reference.

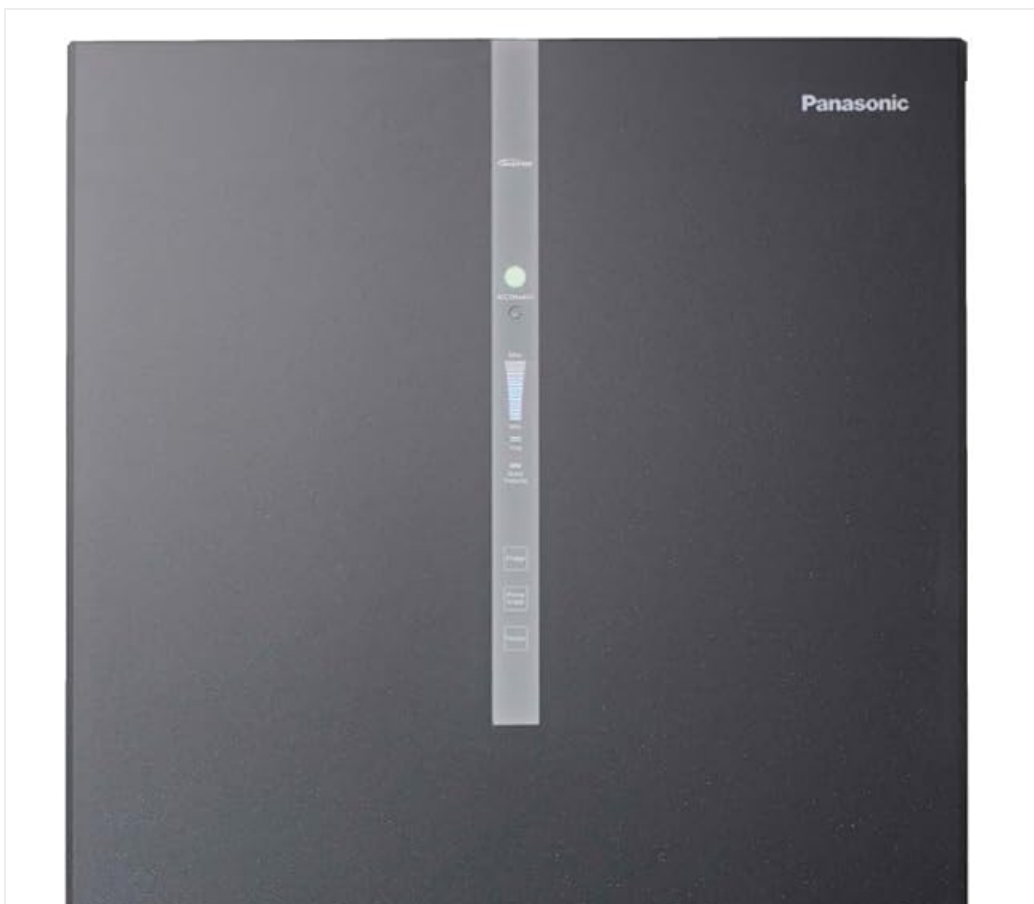




Image 1.1: Front view of the Panasonic NR-BX468XGX3 refrigerator, showcasing its sleek black glass design.

## 2. IMPORTANT SAFETY INFORMATION

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To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always ensure the refrigerator is placed on a stable, level surface.
- Do not block ventilation openings in the appliance enclosure or in the built-in structure.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type

recommended by the manufacturer.

- Unplug the appliance before cleaning or performing maintenance.

### 3. SETUP AND INSTALLATION

#### 3.1 Unpacking

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

#### 3.2 Location Requirements

Choose a location that is dry, well-ventilated, and away from direct sunlight or heat sources (e.g., stove, radiator). Ensure sufficient space around the refrigerator for proper air circulation.



Image 3.1: Refrigerator dimensions for proper placement. The model NR-BX468XGX3 measures 68.0 cm (width) x 70.0 cm (depth) x 176.4 cm (height).

### **3.3 Leveling the Refrigerator**

Use the adjustable leveling feet at the bottom of the refrigerator to ensure it is perfectly level. This prevents vibrations and ensures proper door sealing.

### **3.4 Power Connection**

Plug the refrigerator into a dedicated, grounded electrical outlet. Allow the refrigerator to stand for at least 2-4 hours before plugging it in to allow refrigerants to settle.

## **4. OPERATING YOUR REFRIGERATOR**

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### **4.1 Initial Operation**

After plugging in, the refrigerator will begin to cool. It may take several hours for the internal temperature to reach optimal levels. Avoid placing food inside until the refrigerator has reached its set temperature.

### **4.2 Temperature Control**

Your Panasonic refrigerator features intelligent sensors (ECONAVI) that monitor daily usage patterns and adjust energy consumption. You can typically adjust the temperature settings via the control panel on the door.



Image 4.1: Internal temperature zones of the refrigerator, illustrating optimal storage conditions for various food types.

### 4.3 Special Features

- **AG Clean:** This feature deactivates bacteria and mold up to 99.9% inside the fridge compartment, ensuring food remains healthy and hygienic.



Image 4.2: The AG Clean system, which uses silver to provide anti-bacterial and deodorizing effects, keeping the refrigerator interior hygienic.

- **Prime Fresh:** Freezes food lightly at approximately  $-3^{\circ}\text{C}$ , allowing for longer storage while retaining freshness.
- **Convert Zone:** This flexible compartment offers two switchable settings: approx.  $-3^{\circ}\text{C}$  for Prime Fresh (meat, fish) or approx.  $6^{\circ}\text{C}$  for a Vegetable setting.



Image 4.3: The Convert Zone, providing flexible temperature control for optimal storage of different food types.

- **Fresh Safe Vegetable Case:** Designed with an airtight structure and humidity controller to maintain ideal humidity for vegetables, preserving their moisture and freshness. Cold air is not blown directly onto vegetables.

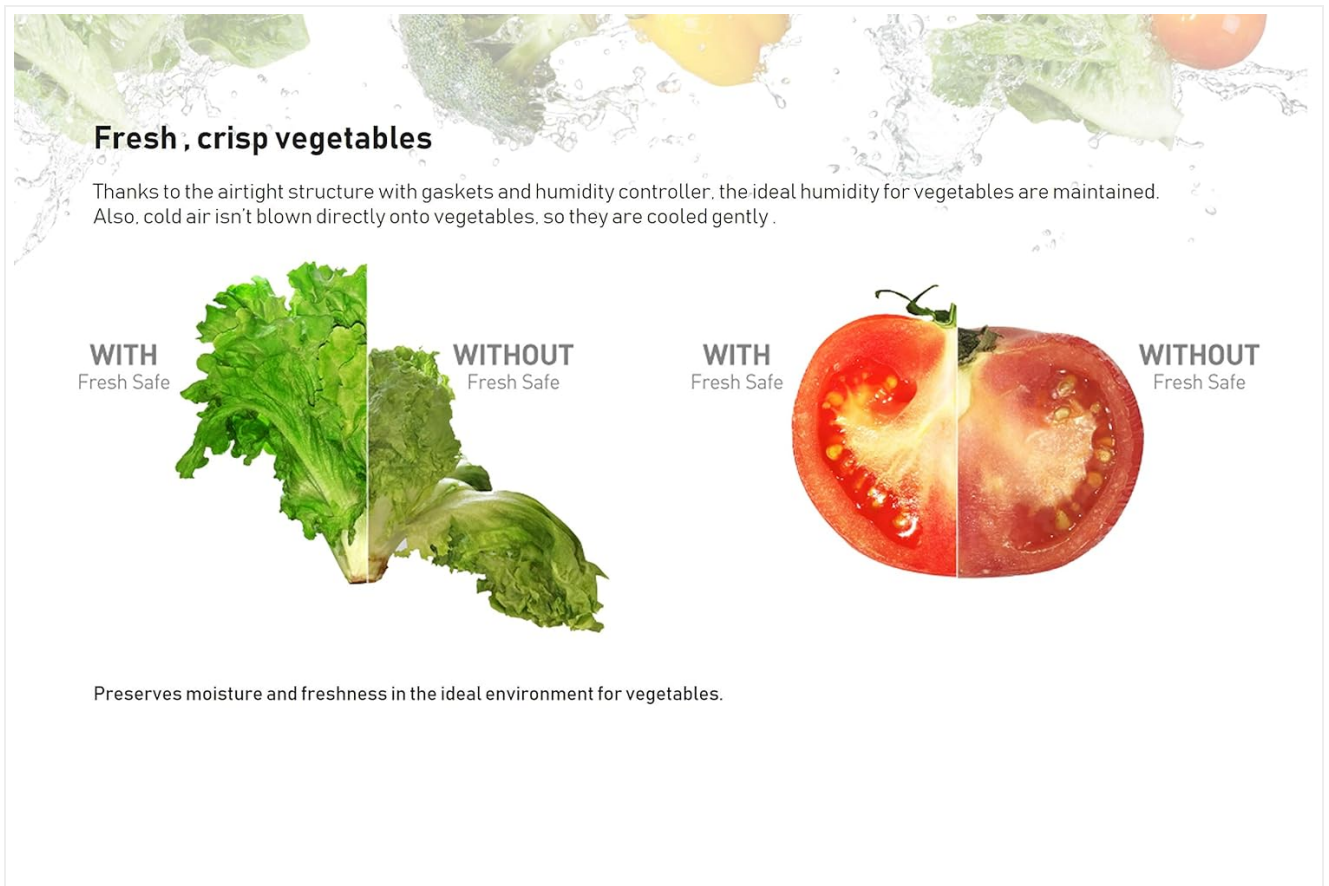


Image 4.4: Demonstration of the Fresh Safe feature, highlighting its ability to keep vegetables fresh and crisp by maintaining optimal humidity.

- **Toughened Glass Shelves:** Durable shelves designed to withstand heavy loads.

## 5. MAINTENANCE AND CLEANING

### 5.1 Cleaning the Interior

Before cleaning, unplug the refrigerator. Clean the interior regularly with a soft cloth dampened with a solution of mild detergent and warm water. Rinse with clean water and dry thoroughly. Do not use abrasive cleaners or solvents.





Image 5.1: Empty interior of the refrigerator, illustrating the layout for easy cleaning and organization.

## 5.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For black glass finishes, use a glass cleaner sparingly and wipe with a microfiber cloth to avoid streaks.

## 5.3 Defrosting

This is a Frost-Free refrigerator, meaning it automatically defrosts. You should not need to manually defrost the freezer compartment.

## 5.4 Power Saving Tips

- Do not open the doors too frequently or leave them open for too long.
- Ensure the door seals are clean and intact.

- Allow hot food to cool to room temperature before placing it in the refrigerator.
- Do not overload the refrigerator, as this can impede air circulation.

## 6. TROUBLESHOOTING

Before contacting service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator does not operate.	Not plugged in; circuit breaker tripped; power outage.	Ensure plug is secure; check circuit breaker; check household power supply.
Temperature is not cold enough.	Door opened too frequently; large amount of warm food added; poor ventilation; temperature setting too high.	Minimize door openings; allow food to cool; ensure proper clearance around unit; adjust temperature setting lower.
Unusual noises.	Refrigerator not level; objects vibrating against the unit; normal operating sounds (e.g., refrigerant flow, compressor).	Level the refrigerator; ensure nothing is touching the unit; these sounds are normal.
Water on floor.	Drain tube clogged; drip tray overflowing.	Clear drain tube; ensure drip tray is correctly positioned.

## 7. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Panasonic
Model	NR-BX468XGX3
Capacity	450 Litres
Energy Efficiency	3 Star Rating (as per 2019 BEE guidelines)
Annual Energy Consumption	289 Kilowatt Hours
Defrost System	Frost Free
Compressor Type	Intelligent Inverter Compressor
Shelf Type	Toughened Glass
Color	Black Glass
Dimensions (W x D x H)	68.0 cm x 70.0 cm x 176.4 cm
Item Weight	16 kg 300 g
Special Features	Inverter, Base stand with drawer, AG Clean, Prime Fresh, ECONAVI, Convert Zone, Fresh Safe Vegetable Case

## 8. WARRANTY AND SUPPORT

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### 8.1 Manufacturer Warranty

Your Panasonic refrigerator comes with a manufacturer's warranty:

- **1 Year** on the entire Product
- **10 Years** on the Compressor

Please refer to the warranty card included in the box for full terms and conditions.

### 8.2 Customer Support

For any service requests, technical assistance, or inquiries regarding your product, please contact Panasonic customer support. Contact details can typically be found on the Panasonic official website or your warranty card.