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## GGM Gastro BKTG320S

# GGM Gastro Bar Refrigerator User Manual

Model: BKTG320S

## 1. INTRODUCTION

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Thank you for choosing the GGM Gastro Bar Refrigerator, Model BKTG320S. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new appliance. Please read this manual thoroughly before use and keep it for future reference.

This bar refrigerator is designed for commercial use, specifically for cooling and displaying beverages. It features a generous 320-liter capacity, three glass hinged doors for easy access and visibility, and a sleek black finish for both the exterior and interior. Equipped with circulation cooling, a digital thermostat, and an automatic defrosting function, it maintains a consistent temperature range of 2 °C to 8 °C, ideal for various drinks. The unit is constructed from painted sheet steel, ensuring durability and ease of cleaning, and includes interior lighting to enhance product presentation.

## 2. SAFETY INSTRUCTIONS

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Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- **Electrical Safety:** Ensure the power supply matches the appliance's requirements (230 V / 50 Hz). Do not use extension cords or adapters. Always plug into a grounded outlet.
- **Placement:** Place the refrigerator on a stable, level surface. Ensure adequate ventilation around the unit (at least 10 cm clearance on all sides) to prevent overheating. Do not place near heat sources or in direct sunlight.
- **Handling:** This appliance is heavy. Use appropriate lifting techniques or seek assistance when moving.
- **Cleaning:** Disconnect from power before cleaning. Do not use abrasive cleaners or sharp objects.
- **Maintenance:** Only qualified personnel should perform repairs or servicing.
- **Refrigerant:** This unit uses R600a refrigerant. Handle with care and ensure proper ventilation if a leak is suspected.

## 3. SETUP AND INSTALLATION

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### 3.1 Unpacking

Carefully unpack the refrigerator. Remove all packaging materials, including any protective films or tapes. Inspect the unit for any shipping damage. Report any damage to your supplier immediately.

### 3.2 Placement

Choose a location that is dry, well-ventilated, and away from direct sunlight or heat sources (e.g., ovens, radiators). Ensure there is at least 10 cm of free space around the back and sides of the unit for proper air circulation. The floor must be strong enough to support the weight of the refrigerator when fully loaded.

### 3.3 Leveling

Use a spirit level to ensure the refrigerator is perfectly level. Adjust the adjustable feet at the bottom of the unit if necessary. Proper leveling is crucial for efficient operation and door sealing.

### 3.4 Power Connection

Before plugging in, ensure the voltage and frequency of your power supply match the specifications on the appliance's rating label (230 V / 50 Hz). Plug the refrigerator directly into a dedicated, grounded wall outlet. Do not use multi-sockets or extension cords.

### 3.5 Initial Operation

After positioning and connecting to power, allow the refrigerator to stand for at least 2-4 hours before turning it on. This allows the refrigerant to settle. Once settled, turn on the unit and allow it to cool down to the desired temperature before loading products.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Digital Thermostat

The refrigerator is equipped with a digital thermostat for precise temperature control. The display shows the current internal temperature.

- **Setting Temperature:** Refer to the specific instructions provided with the thermostat controller for detailed steps on how to adjust the temperature. Typically, there are 'Set' or 'Mode' buttons and arrow keys to increase or decrease the desired temperature.
- **Temperature Range:** The optimal operating temperature range for this unit is 2 °C to 8 °C.

### 4.2 Interior Lighting

The interior lighting enhances the visibility of your products. The light can usually be controlled via a switch on the control panel or automatically when the door is opened.



Figure 1: Interior LED lighting for enhanced product visibility.

### 4.3 Loading Products

Distribute products evenly on the shelves to allow for proper air circulation. Do not block the air vents inside the cabinet. Avoid overloading the shelves beyond their weight capacity. The unit comes with 2 wire shelves.



Figure 2: Front view of the bar refrigerator with beverages inside.



Figure 3: Front view of the bar refrigerator showing empty shelves.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your refrigerator.

### 5.1 Cleaning

- **Exterior:** Clean the exterior surfaces with a soft cloth and mild detergent. Avoid abrasive cleaners or solvents.
- **Interior:** Clean the interior with a solution of warm water and baking soda or a mild, food-safe cleaner. Remove shelves and clean them separately. Rinse thoroughly and dry completely before replacing.
- **Condenser Coils:** Periodically clean the condenser coils (located at the back or bottom of the unit) with a brush or vacuum cleaner to remove dust and debris. This improves cooling efficiency.
- **Door Seals:** Regularly check and clean the door gaskets to ensure a tight seal. A damaged or dirty seal can lead to energy loss and condensation.

## 5.2 Automatic Defrosting

This refrigerator features an automatic defrosting function. During the defrost cycle, ice accumulated on the evaporator coils melts and drains away. You may notice water collecting in the drip tray during this process. Ensure the drain hole is clear to prevent water buildup.

## 5.3 Rear View and Components



Figure 4: Rear view of the refrigerator, highlighting ventilation and power connection.



Figure 5: Detail of the door hinge and interior construction.

## 6. TROUBLESHOOTING

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
Refrigerator not cooling	No power; thermostat set too high; door not closed properly; condenser coils dirty.	Check power connection and circuit breaker; adjust thermostat; ensure doors are sealed; clean condenser coils.
Excessive noise	Unit not level; fan obstruction; loose parts.	Level the unit; check for obstructions around fan; contact service if noise persists.
Water on floor/inside	Drain hole blocked; door not sealing properly.	Clear drain hole; check and clean door gaskets.
Light not working	Bulb faulty; power issue.	Check bulb connection; if LED, contact service.

## 7. SPECIFICATIONS

Feature	Specification
Brand	GGM Gastro
Model Number	BKTG320S
Capacity	320 Liters
External Dimensions (W x D x H)	133.5 cm x 50.5 cm x 89.5 cm
Internal Dimensions (W x D x H)	130 cm x 48.5 cm x 86.5 cm
Shelf/Grid Size (W x D)	123 cm x 32 cm
Number of Doors	3 (Glass Hinged Doors)
Color	Black (Exterior & Interior)
Temperature Range	2 °C ~ 8 °C
Cooling System	Circulation Cooling
Defrost System	Automatic (Electric)
Refrigerant	R600a
Power	350 Watts
Electrical Connection	1N/PE / 230 V / 50 Hz
Housing Material	Painted Sheet Steel
Included Accessories	2 Wire Shelves
Certifications	CE Marking, Complies with European Food Standards

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or service requests, please refer to the warranty card included with your product or contact GGM Gastro customer service directly. Ensure you have your model number (BKTG320S) and purchase details ready when contacting support.

**GGM Gastro Contact Information:** Please visit the official GGM Gastro website for the most up-to-date contact details and support resources.