

GGM Gastro KC600NDN

GGM Gastro KC600NDN Premium Stainless Steel Refrigerator User Manual

Model: KC600NDN

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your GGM Gastro KC600NDN Premium Stainless Steel Refrigerator. Please read these instructions thoroughly before using the appliance and retain them for future reference. This refrigerator is designed for commercial use, offering a robust and energy-efficient solution for professional kitchens.

2. SAFETY INSTRUCTIONS

- Ensure the appliance is connected to a properly grounded electrical outlet.
- Do not operate the refrigerator with a damaged power cord or plug.
- Keep ventilation openings clear of obstructions.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Only qualified personnel should perform repairs or maintenance.
- Disconnect the appliance from the power supply before cleaning or performing any maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. UNPACKING AND INSTALLATION

3.1 Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any damage incurred during transit. Report any damage to your supplier immediately. Retain packaging materials for potential future transport.

3.2 Placement

Place the refrigerator on a flat, stable surface. Ensure adequate ventilation around the unit, especially at the top and rear, to allow for proper heat dissipation. Avoid direct sunlight or proximity to heat sources.

3.3 Leveling

The unit is equipped with height-adjustable stainless steel feet. Use a spirit level to ensure the refrigerator is perfectly level. Proper leveling is crucial for efficient operation and door sealing.



Figure 1: Main view of the GGM Gastro KC600NDN refrigerator. This image shows the overall design of the stainless steel unit with its single door and top-mounted control panel.

3.4 Electrical Connection

Connect the refrigerator to a dedicated 220 - 240 Volts / 1N/PE / 50 Hz power supply. Ensure the electrical circuit can handle the appliance's power consumption of 4500 Watts. Do not use extension cords or adapters.

3.5 Door Hinge

The door hinge is interchangeable, allowing for flexible placement and access. Consult a qualified technician for assistance with changing the door swing direction.

4. OPERATION

4.1 Initial Startup

After installation, wait at least 2-4 hours before plugging in the unit to allow refrigerants to settle. Once plugged in, the digital display will illuminate.

4.2 Digital Control Panel

The refrigerator features a digital EVCO display and thermostat for precise temperature control. The temperature range is adjustable from -2 °C to 10 °C.



Figure 2: Close-up of the digital control panel. This image displays the EVCO digital thermostat with temperature reading and various control icons for settings and functions.

4.3 Temperature Setting

Refer to the specific instructions provided with the EVCO controller for detailed steps on setting and adjusting the temperature. Generally, press the 'SET' button, use arrow keys to adjust the desired temperature, and press 'SET' again to confirm.

4.4 Cooling System

The unit utilizes a ventilated cooling system with an automatic defrost function. The evaporator and condenser are made of copper for efficient heat exchange. The powerful cooling motor ensures strong and constant refrigeration.

4.5 Internal Features

The interior is equipped with LED lighting for clear visibility. It includes 4 height-adjustable shelves with anti-tilt protection, suitable for GN 2/1 containers, each capable of holding up to 35 kg. The interior features rounded corners for easy cleaning.



Figure 3: Interior view of the GGM Gastro KC600NDN refrigerator. This image highlights the adjustable shelves, suitable for GN 2/1 containers, and the rounded interior corners designed for hygiene.

4.6 Door Lock

The refrigerator door is lockable, and a key is included for securing contents.



Figure 4: Close-up of the door lock mechanism. This image shows the integrated lock on the refrigerator door, providing security for stored items.

5. MAINTENANCE AND CLEANING

5.1 Daily Cleaning

Clean the interior and exterior surfaces regularly with a mild detergent and a soft cloth. The AISI 304 stainless steel construction and rounded interior corners facilitate easy cleaning. Ensure the water outlet inside the compartment is clear.

5.2 Condensation Prevention

The heated door frame helps prevent condensation buildup, maintaining hygiene and efficiency. Keep the door seals clean and free from debris to ensure a tight seal.

5.3 Defrosting

The refrigerator features an automatic defrost function. During defrost cycles, water will drain through the internal water outlet. Ensure this outlet remains unobstructed.

5.4 Monobloc Cooling System

The monobloc cooling system is designed for easy maintenance and cleaning. For any technical servicing, contact a qualified technician.

6. TROUBLESHOOTING

Before contacting service, please check the following common issues:

- **Refrigerator not cooling:** Check if the power cord is securely plugged in. Verify the circuit breaker. Ensure the temperature setting is correct. Check for obstructions around the condenser.
- **Excessive noise:** Ensure the unit is level. Check for any loose components or items vibrating against the unit.
- **Door not closing properly:** Inspect door seals for damage or debris. Ensure shelves or stored items are not obstructing the door.
- **Condensation inside:** Ensure the door is not left open for extended periods. Check door seals for proper function.

If the problem persists after checking these points, please contact your supplier or a qualified service technician.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	GGM Gastro
Model	KC600NDN
External Dimensions (W x D x H)	686 mm x 830 mm x 2050 mm
Internal Dimensions (W x D x H)	550 mm x 685 mm x 1435 mm
Gross Volume	600 Liters
Usable Volume	500 Liters
Temperature Range	-2 °C to 10 °C
Cooling System	Ventilated cooling with automatic defrost
Refrigerant	R22 (FCKW-free)
Insulation Thickness	75 mm
Material (Body & Door)	High-quality AISI 304 Stainless Steel
Material (Interior)	AISI 304 Stainless Steel with rounded corners
Shelves	4 support grids, height-adjustable, suitable for GN 2/1
Shelf Load Capacity	Up to 35 kg per shelf

Feature	Specification
Power	4500 Watts
Electrical Connection	220 - 240 Volts / 1N/PE / 50 Hz
Certifications	CE marking, conforms to European food standards

8. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your GGM Gastro supplier. In case of technical issues or for spare parts, please contact the authorized GGM Gastro service center or your point of purchase. Always provide the model number (KC600NDN) and serial number of your appliance when seeking support.