

[Manuals.plus](#) /

› [GGM Gastro](#) /

› GGM Gastro TC1200NDN Premium Stainless Steel Freezer Cabinet User Manual

GGM Gastro TC1200NDN

GGM Gastro TC1200NDN Premium Stainless Steel Freezer Cabinet User Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your GGM Gastro TC1200NDN Premium Stainless Steel Freezer Cabinet. This professional-grade negative refrigerated cabinet is designed for the low-temperature storage of food products, maintaining temperatures between -22 °C and -18 °C. It features a robust AISI 304 stainless steel construction, a gross volume of 1200 liters, and two full reversible doors.



Image 1.1: Front view of the GGM Gastro TC1200NDN Freezer Cabinet, showing overall dimensions (1372mm width, 830mm depth, 2050mm height).

2. SAFETY INSTRUCTIONS

Read all safety instructions carefully before installation, operation, or maintenance. Failure to follow these instructions may result in property damage, injury, or death.

- **Electrical Safety:** Ensure the appliance is connected to a properly grounded 220-240 Volt / 50 Hz power supply. Do not use extension cords or adapters. Disconnect power before any cleaning or maintenance.
- **Refrigerant:** This unit uses R290 refrigerant. Servicing should only be performed by qualified personnel. Do not damage the refrigerant circuit.
- **Placement:** Install the unit on a stable, level surface. Ensure adequate ventilation around the appliance to prevent overheating. Maintain a minimum clearance of 10 cm from walls.
- **Handling:** The unit is heavy (238 kg). Use appropriate lifting equipment and personnel during transport and installation.

- **Cleaning:** Always disconnect the power supply before cleaning. Use non-abrasive cleaners. Do not spray water directly onto electrical components.
- **Authorized Use:** This appliance is designed for professional use in commercial kitchens for food storage. Do not use it for purposes other than its intended use.

3. SETUP

3.1 Unpacking

Carefully remove all packaging materials. Inspect the unit for any damage incurred during transit. Report any damage to the carrier and supplier immediately.

3.2 Placement and Leveling

Position the freezer cabinet in its intended location, ensuring sufficient space for air circulation around the condenser unit at the top. The external dimensions are 1372 mm (width) x 830 mm (depth) x 2050 mm (height). Use the adjustable stainless steel feet to level the unit. Proper leveling is crucial for efficient operation and door sealing.

3.3 Initial Cleaning

Before first use, clean the interior and exterior surfaces with a mild detergent and warm water. Rinse thoroughly and dry completely.

3.4 Power Connection

Connect the appliance to a dedicated 220-240 Volt / 50 Hz electrical outlet. Allow the unit to stand for at least 2 hours after moving before plugging it in to allow refrigerants to settle.

3.5 Shelf Installation

The cabinet is equipped with 8 adjustable GN 2/1 compatible shelves. Install them at desired heights. Each shelf can support a maximum load of 35 kg.



Image 3.1: Interior view of the freezer cabinet, showing the adjustable GN 2/1 compatible shelves.

4. OPERATING INSTRUCTIONS

4.1 Initial Startup

After connecting to power, the digital thermostat (EVCO) will display the current internal temperature. Allow the unit to run empty for several hours (e.g., 4-6 hours) to reach the desired operating temperature before loading with food products.

4.2 Temperature Control

The temperature is controlled by a digital EVCO thermostat located on the front panel. The factory-set temperature range is -22 °C to -18 °C. Refer to the thermostat's specific user guide for detailed instructions on adjusting settings. Generally, the 'SET' button allows you to view and modify the set temperature.



Image 4.1: Close-up of the digital EVCO thermostat display and controls.

4.3 Loading the Cabinet

Load food products evenly on the shelves, ensuring not to exceed the maximum load capacity of 35 kg per shelf. Do not block the internal air circulation vents, as this can impair cooling efficiency. The gross volume is 1200 L, with a usable volume of 1017 L.

4.4 Door Operation

The two full doors are reversible and equipped with a heated frame to prevent condensation buildup. Each door has a locking mechanism, and keys are provided. Ensure doors are closed securely after each use to maintain internal temperature.

4.5 Automatic Defrost

The unit features an automatic defrost system with a forced-air refrigeration system. This system periodically melts accumulated ice, which then evaporates. No manual defrosting is typically required under normal operating conditions.

4.6 Interior LED Lighting

The interior is equipped with LED lighting for improved visibility of contents. This lighting can typically be controlled via a switch on the control panel or automatically with door opening.



Image 4.2: Close-up of the integrated LED lighting inside the freezer cabinet.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your freezer cabinet. Always disconnect the power supply before performing any maintenance.

- **Interior Cleaning:** Clean the interior regularly with a mild, food-safe detergent and warm water. The smooth surfaces and pressed inserts facilitate easy cleaning. Rinse and dry thoroughly.
- **Exterior Cleaning:** Wipe down the stainless steel exterior with a damp cloth and a suitable stainless steel cleaner. Avoid abrasive materials.
- **Condenser Cleaning:** Periodically clean the condenser coils (located at the top of the unit) to remove dust and debris. A clogged condenser reduces efficiency and can lead to compressor failure. Use a brush or vacuum cleaner.

- **Door Gasket Inspection:** Regularly check the door gaskets for cracks, tears, or signs of wear. Damaged gaskets compromise sealing and lead to energy loss. Replace if necessary.
- **Professional Servicing:** It is recommended to have the unit inspected by a qualified refrigeration technician at least once a year for comprehensive checks and preventative maintenance.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on	No power supply; tripped circuit breaker; faulty power cord.	Check power connection and circuit breaker. Ensure outlet is functional.
Temperature is too high	Door not closed properly; excessive door openings; condenser coils dirty; unit overloaded; poor ventilation.	Ensure doors are sealed. Reduce door openings. Clean condenser coils. Do not overload. Ensure proper ventilation.
Excessive noise	Unit not level; loose components; fan obstruction.	Level the unit. Check for loose parts. Ensure fan is clear of obstructions.
Water on floor/inside	Blocked drain line; damaged door gasket.	Clear drain line. Inspect and replace door gasket if damaged.

If the problem persists after attempting these solutions, contact a qualified service technician.

7. SPECIFICATIONS

Feature	Specification
Model Name	TC1200NDN
Brand	GGM Gastro
External Dimensions (W x D x H)	1372 mm x 830 mm x 2050 mm
Weight	238 kg
Gross Volume	1200 Liters
Usable Volume	1017 Liters
Temperature Range	-22 °C to -18 °C
Refrigerant	R290 (0.11 kg)
Power Consumption	765 Watt
Electrical Connection	220 - 240 Volt / 50 Hz
Construction Material	AISI 304 Stainless Steel (internal and external)
Insulation Thickness	75 mm

Feature	Specification
Shelves	8 adjustable, GN 2/1 compatible
Max Shelf Load	35 kg per shelf
Thermostat	Digital EVCO
Defrost System	Automatic, forced-air
Doors	2 full, reversible, heated frame, lockable (keys included)

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your supplier. Keep your proof of purchase for any warranty claims.

For technical support, spare parts, or service inquiries, please contact GGM Gastro customer service or your authorized dealer. Provide the model number (TC1200NDN) and serial number (if applicable) when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question