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> GastroHero ECO 1300 GN 2/1 Monobloc Refrigerator Instruction Manual

GastroHero GNH1410TNM

GastroHero ECO 1300 GN 2/1 Monobloc Refrigerator Instruction Manual

Model: GNH1410TNM

Brand: GastroHero

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your GastroHero ECO 1300 GN 2/1 Monobloc Refrigerator. Please read this manual thoroughly before operating the appliance and keep it for future reference. This professional-grade refrigerator is designed for commercial catering environments, offering reliable cooling and robust construction.

2. SAFETY INSTRUCTIONS

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

- Ensure the appliance is connected to a properly grounded power outlet (220 V / 50 Hz, single phase).
- 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 uses R290 refrigerant. Handle with care and ensure proper ventilation during servicing.

3. PRODUCT OVERVIEW

The GastroHero ECO 1300 GN 2/1 Monobloc Refrigerator is a high-capacity commercial refrigeration unit designed for efficiency and durability.



Figure 3.1: Front view of the GastroHero ECO 1300 Refrigerator with both doors open, showcasing the spacious interior and adjustable shelving. The unit features a top-mounted cooling system and a digital control panel.

Key Features:

- **High-Quality Stainless Steel Construction:** Both interior and exterior are made from premium stainless steel for hygiene and durability.
- **Self-Closing Doors:** Two robust, self-closing doors ensure minimal temperature loss.
- **Digital Thermostat:** Precise temperature control with a high-quality digital display.
- **LED Lighting:** Energy-efficient and long-lasting interior LED illumination.
- **Automatic Defrosting:** Prevents ice build-up, ensuring consistent performance.
- **GN 2/1 Compatibility:** Interior designed to accommodate GN 2/1 containers, trays, and grids.
- **Lock and Key:** For secure storage of contents.
- **Adjustable Feet:** For stable and level positioning.

DURCHDACHTE AUSSTATTUNG DIE DEN ALLTAG ERLEICHTERT

- ✓ Digitale Temperaturkontrolle erleichtert die Präzision der gewünschten Temperatur
- ✓ Langlebige und energiesparende eingebaute LED-Beleuchtung
- ✓ 2 selbstschließende Türen aus hochwertigem Edelstahl



Figure 3.2: Graphic highlighting thoughtful features: digital temperature control for precision, durable and energy-saving built-in LED lighting, and two self-closing doors made of high-quality stainless steel.

4. SETUP

4.1 Unpacking

Carefully remove the refrigerator from its packaging. Inspect the appliance for any shipping damage. Report any damage to your supplier immediately.

4.2 Placement

Choose a location that is level, stable, and well-ventilated. Avoid direct sunlight or proximity to heat sources. Ensure sufficient clearance around the unit for proper air circulation (at least 10 cm on sides and rear).



Figure 4.1: Close-up view of the adjustable feet, which allow for precise leveling of the refrigerator on uneven surfaces.

4.3 Leveling

Use a spirit level to ensure the refrigerator is perfectly level. Adjust the height of the adjustable feet by turning them clockwise or counter-clockwise until the unit is stable and level. This is crucial for proper door sealing and efficient operation.

4.4 Initial Power-Up

After positioning and leveling, wait at least 2 hours before plugging the unit into the power outlet. This allows the refrigerant to settle. Once plugged in, the unit will begin to cool. Allow it to reach the desired temperature before loading with food items.



UMFANGREICHE AUSSTATTUNG

- ✓ Die abschließbare Tür sorgt für Sicherheit und Hygiene
- ✓ Die einstellbaren Füße ermöglichen eine perfekte Ausrichtung des Kühlschranks
- ✓ Inklusive 6 rilsanierter Roste GN 2/1

Figure 4.2: Graphic illustrating extensive equipment: the lockable door for security and hygiene, adjustable feet for perfect alignment, and inclusion of 6 rilsanized GN 2/1 grids.

5. OPERATING INSTRUCTIONS

5.1 Temperature Control

The refrigerator is equipped with a digital thermostat for precise temperature management. The recommended operating temperature range is +2°C to +8°C.

1. Locate the digital control panel on the top front of the unit.
2. Press the "SET" button to view the current set temperature.
3. Use the up and down arrow buttons to adjust the desired temperature.
4. Press "SET" again to confirm the new temperature setting.



MODERNE UND EFFIZIENTE KÜHLUNG

- ✓ Durch die Umluftkühlung verteilt sich die **Temperatur gleichmäßig**
- ✓ Das **automatische Abtauung-System** verhindert Vereisung
- ✓ Temperaturbereich: **+2°C bis +8°C**

Figure 5.1: Graphic detailing modern and efficient cooling: temperature is evenly distributed through forced air cooling, the automatic defrosting system prevents icing, and the temperature range is +2°C to +8°C.

5.2 Loading the Refrigerator

Distribute food items evenly on the shelves. Do not block the air vents inside the cabinet, as this can impede air circulation and cooling efficiency. The maximum load capacity per shelf is 30 kg.

5.3 Door Operation

The doors are self-closing to minimize cold air loss. Ensure the doors close completely after each use. The unit is equipped with a lock and key for securing contents when necessary.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your refrigerator. Always disconnect the power before cleaning.

6.1 Cleaning the Interior

Clean the interior regularly with a mild detergent and warm water. The rounded corners inside facilitate easy cleaning. Rinse with clean water and dry thoroughly to prevent odors and bacterial growth. The shelves and slides can be removed for more thorough cleaning.



Figure 6.1: Graphic emphasizing particularly easy cleaning: rounded corners in the interior allow for quick and easy cleaning.

6.2 Cleaning the Exterior

Wipe the exterior stainless steel surfaces with a soft cloth and a non-abrasive stainless steel cleaner. Avoid using harsh chemicals or abrasive pads that could scratch the finish.

6.3 Condenser Coil Cleaning

The condenser coil, located at the top of the unit, should be cleaned periodically (e.g., every 3-6 months) to ensure efficient operation. Use a brush or vacuum cleaner to remove dust and debris. A dirty condenser can significantly reduce cooling efficiency and increase energy consumption.

6.4 Automatic Defrosting

This refrigerator features an automatic defrosting system. During the defrost cycle, ice build-up on the evaporator coil is melted, and the water is evaporated. You do not need to manually defrost the unit.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Refrigerator not cooling	<ul style="list-style-type: none">◦ Power cord unplugged or circuit breaker tripped.◦ Temperature setting too high.◦ Condenser coil is dirty.◦ Doors not closing properly.	<ul style="list-style-type: none">◦ Check power connection and circuit breaker.◦ Adjust temperature to a lower setting.◦ Clean the condenser coil (refer to Section 6.3).◦ Ensure doors are fully closed and seals are intact.
Excessive noise	<ul style="list-style-type: none">◦ Unit is not level.◦ Loose components.	<ul style="list-style-type: none">◦ Level the unit using adjustable feet (refer to Section 4.3).◦ Contact qualified service personnel.
Water on floor	<ul style="list-style-type: none">◦ Drain pan overflowing or drain line clogged.	<ul style="list-style-type: none">◦ Check and clear the drain line.

If the problem persists after attempting these solutions, please contact GastroHero customer support or a qualified service technician.

8. SPECIFICATIONS

Detailed technical specifications for the GastroHero ECO 1300 GN 2/1 Monobloc Refrigerator.

HOHES KÜHLRAUMVOLUMEN UND EFFIZIENTE RAUMNUTZUNG

- ✓ Produktmaße (B x T x H):
1480 x 830 x 1960 mm
- ✓ Kühlraumvolumen:
1350 Liter
- ✓ Optimal geeignet **für GN 2/1
Behälter, Bleche & Roste**



Figure 8.1: Graphic illustrating high cooling volume and efficient space utilization: Product dimensions (W x D x H): 1480 x 830 x 1960 mm, Cooling volume: 1350 Liters, optimally suited for GN 2/1 containers, trays, and grids.

Attribute	Value
Model Number	GNH1410TNM
Dimensions (W x D x H)	1480 x 830 x 1960 mm
Weight	132 kg
Usable Volume	1350 Liters
Temperature Range	+2°C to +8°C
Refrigerant	R290 (80g)

Attribute	Value
Cooling Method	Forced Air Cooling (Compressor)
Power	0.38 kW
Power Supply	220 V / 50 Hz (Single Phase)
Defrosting System	Automatic
Material	High-Quality Stainless Steel (Interior & Exterior)
Max. Load Capacity per Shelf	30 kg
Origin	China



GASTROHERO QUALITÄT UND ZUVERLÄSSIGKEIT

- ✓ Innen und außen aus hochwertigem Edelstahl gefertigt
- ✓ Besonders langlebiger und hochwertiger Kompressor
- ✓ Hochwertiges digitales Thermostat



Figure 8.2: Graphic emphasizing GastroHero quality and reliability: interior and exterior made of high-quality stainless steel, particularly

durable and high-quality compressor, and high-quality digital thermostat.

9. WARRANTY AND SUPPORT

GastroHero products are built to high standards of quality and reliability. For information regarding warranty coverage, please refer to the terms and conditions provided at the time of purchase or contact your supplier.

For technical support, spare parts, or service inquiries, please contact GastroHero customer service or your authorized dealer. When contacting support, please have your model number (GNH1410TNM) and serial number ready.

You can find more information and contact details on the official GastroHero website: www.gastro-hero.de

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