

## GGM Gastro KF1212

# GGM Gastro KF1212 Cold Room Instruction Manual

Model: KF1212

## 1. INTRODUCTION

Thank you for choosing the GGM Gastro KF1212 Cold Room. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new cold room. Designed for commercial use, the KF1212 offers a compact yet spacious storage solution with high-quality insulation and hygienic features.

Please read this manual thoroughly before assembly and operation to ensure proper use and to prevent damage or injury. Keep this manual for future reference.

## 2. SAFETY INSTRUCTIONS

Adhering to these safety guidelines is crucial for preventing accidents and ensuring the longevity of your cold room. This appliance is intended for commercial use only.

- **Professional Installation:** Installation should only be performed by qualified personnel in accordance with local and national regulations.
- **Refrigeration Unit:** This cold room is delivered without a refrigeration unit. Ensure that any connected refrigeration unit is installed and maintained by a certified technician.
- **Electrical Safety:** If a refrigeration unit is connected, ensure all electrical connections comply with local safety standards. Do not operate with damaged power cords.
- **Emergency Exit:** The door is equipped with an integrated emergency opening mechanism from the inside. Ensure this mechanism is always functional and unobstructed.
- **Ventilation:** Ensure adequate ventilation around the cold room, especially if a refrigeration unit is installed nearby, to prevent overheating.
- **Cleaning:** Disconnect power to any connected refrigeration unit before cleaning. Use only approved

cleaning agents and methods.

- **Weight Capacity:** Do not overload shelves or the floor. Refer to the specifications for maximum load capacities.
- **Flammable Materials:** Do not store explosive substances or flammable materials inside the cold room.
- **Children and Unauthorized Personnel:** Keep children and unauthorized personnel away from the cold room, especially during operation and maintenance.

## 3. SETUP AND INSTALLATION

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The GGM Gastro KF1212 Cold Room is designed for easy assembly. Follow these steps for proper installation.

### 3.1 Unpacking and Inspection

- Carefully unpack all components.
- Inspect all parts for any shipping damage. Report any damage to your supplier immediately.
- Remove the protective film from all elements after assembly.

### 3.2 Site Preparation

- Choose a level, stable surface capable of supporting the weight of the cold room and its contents.
- Ensure sufficient space around the cold room for ventilation, door opening, and maintenance access.

### 3.3 Assembly Steps

1. **Panel Connection:** The wall structure features tensioners embedded in the foam for solid assembly of elements. These corrosion-protected tensioners ensure stability and joint sealing. Connect the panels securely using these mechanisms.
2. **Floor Installation:** Position the floor panel. The floor has an embossed surface for maximum grip.
3. **Door Installation:** Install the door. The door stop is reversible, allowing for left or right-hand opening. The door is surface-mounted and lockable, with an integrated emergency opening from the inside. Ensure the door sealing profiles provide optimal sealing. The door sill is made of stainless steel.
4. **Refrigeration Unit (Optional):** This cold room is delivered without a refrigeration unit. If you are installing one, refer to the refrigeration unit's specific instruction manual for installation and connection. The cold room is compatible with WKAF5ND refrigeration units.



Figure 3.1: Detail of the embedded tensioner for secure panel assembly.

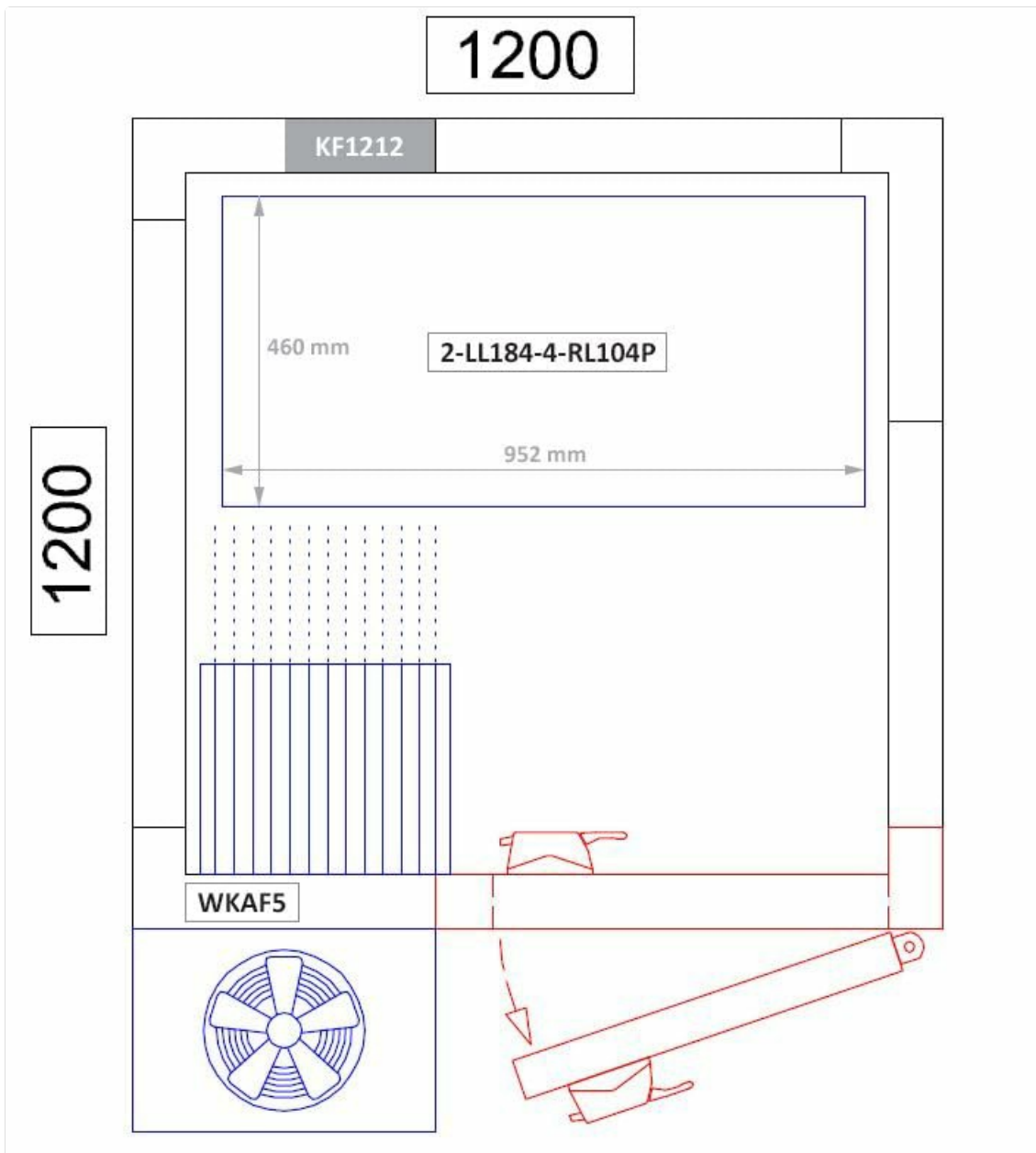


Figure 3.2: Internal layout diagram, indicating component placement and dimensions.

## 4. OPERATING INSTRUCTIONS

Once assembled and the refrigeration unit (if applicable) is installed and commissioned, the cold room is ready for use.

- **Temperature Control:** The temperature inside the cold room is controlled by the external refrigeration unit. Refer to the refrigeration unit's manual for setting and monitoring temperatures.
- **Loading:** The cold room is optimal for storage. Distribute items evenly to ensure proper air circulation and prevent overloading specific areas. The embossed floor surface provides maximum grip.
- **Door Usage:** Ensure the door is closed properly after each use to maintain the internal temperature and energy efficiency. The door's sealing profiles are designed for optimal sealing.
- **Emergency Exit:** Familiarize all users with the internal emergency opening mechanism.



Figure 4.1: The KF1212 Cold Room interior, demonstrating ample storage space.

## 5. MAINTENANCE

Regular maintenance ensures the hygienic operation and extends the lifespan of your GGM Gastro KF1212 Cold Room.

- **Cleaning:** The cold room is designed for very hygienic and easy cleaning.
  - Wipe down interior and exterior surfaces regularly with a mild, food-safe cleaning solution and a soft cloth.
  - Avoid abrasive cleaners or harsh chemicals that could damage the surfaces.
  - Ensure all surfaces are thoroughly dried after cleaning.
- **Door Seals:** Regularly inspect the door sealing profiles for wear or damage. Clean them to ensure a tight seal, which is critical for energy efficiency. Replace damaged seals promptly.
- **Floor:** Keep the embossed floor surface clean to maintain maximum grip and hygiene.
- **Refrigeration Unit Maintenance:** If a refrigeration unit is connected, follow its specific maintenance schedule, including cleaning coils and checking refrigerant levels, as performed by a qualified technician.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems related to the refrigeration unit, consult its specific manual or a qualified technician.

Problem	Possible Cause	Solution
<b>Temperature Fluctuation (Cold Room)</b>	Door not sealing properly; frequent door openings; refrigeration unit malfunction.	Check door seals and adjust if necessary. Minimize door openings. Consult refrigeration unit manual or technician.
<b>Excessive Frost/Ice Build-up</b>	High humidity ingress; faulty door seal; refrigeration unit defrost cycle issue.	Ensure door seals are intact. Avoid leaving the door open for extended periods. Consult refrigeration unit manual or technician for defrost issues.
<b>Door Difficult to Close/Open</b>	Misaligned door; damaged hinges or latch; debris in door mechanism.	Inspect hinges and latch for damage. Clean any obstructions. Adjust door alignment if possible, or contact service.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact GGM Gastro customer support or a qualified service technician.

## 7. SPECIFICATIONS

Feature	Detail
<b>Model</b>	KF1212
<b>Brand</b>	GGM Gastro
<b>External Dimensions (L x W x H)</b>	120 x 120 x 201 cm
<b>Internal Volume</b>	1.8 m <sup>3</sup>
<b>Color</b>	White, RAL9.002
<b>Insulation Material</b>	Polyurethane (EU directives compliant, halon-free)
<b>Energy Efficiency</b>	Very low energy consumption due to advanced insulation
<b>Door Features</b>	Reversible stop, lockable, integrated internal emergency opening, stainless steel sill, optimal sealing profiles
<b>Floor Surface</b>	Embossed for maximum grip
<b>Compliance</b>	CE mark, EU hygiene and safety directives, food-grade materials
<b>Refrigeration Unit</b>	Not included (compatible with WKAF5ND)
<b>Optional Accessories</b>	Shelving, refrigeration unit, cold protection strip

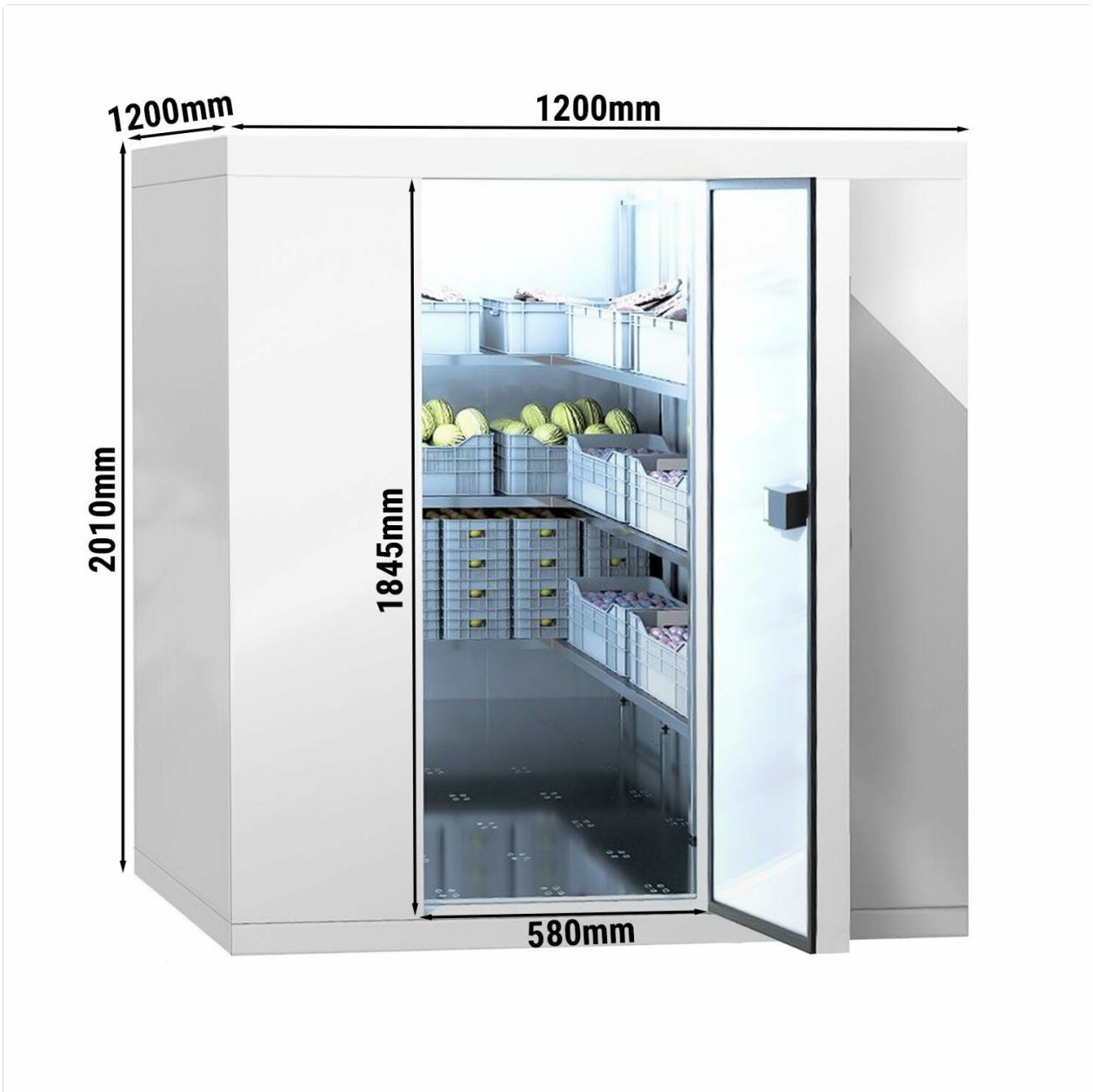


Figure 7.1: External dimensions of the KF1212 Cold Room (1200mm x 1200mm x 2010mm).

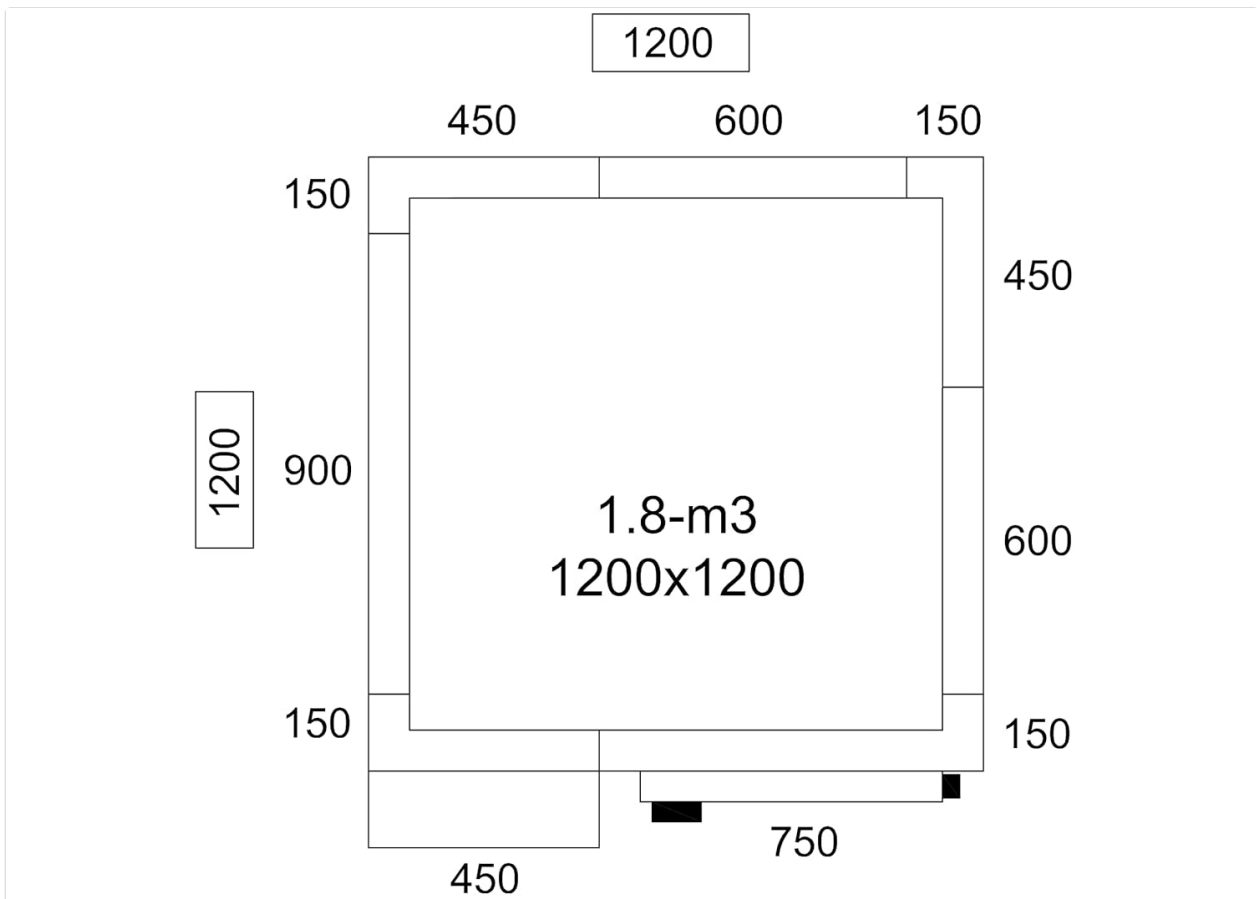


Figure 7.2: Top-down view indicating the 1200x1200mm footprint and 1.8m<sup>3</sup> volume.

## 8. WARRANTY AND SUPPORT

GGM Gastro products are manufactured to high-quality standards in Europe. For warranty information, technical support, or to inquire about spare parts, please contact your authorized GGM Gastro dealer or visit the official GGM Gastro website.

Please have your model number (KF1212) and purchase date available when contacting support.

**Manufacturer:** GGM Gastro