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› [cooler depot Commercial Refrigerator Glass 2-Door Merchandiser Display Fridge Beverage Drink Cooler LCG-1000 User Manual](#)

**cooler depot LCG-1000**

# cooler depot Commercial Refrigerator User Manual

Model: LCG-1000 / GDM-41B



## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your cooler depot Commercial Refrigerator. Please read this manual thoroughly before installation and use, and retain it for future reference. This unit is designed for commercial use in environments such as restaurants, cafes, bakeries, bars, and grocery stores.



Image 1.1: Front view of the cooler depot Commercial Refrigerator with two glass doors.

## 2. SAFETY INSTRUCTIONS

Always follow basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury.

- Ensure the unit is properly grounded.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings in the appliance enclosure or in the built-in structure clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Disconnect power before cleaning or performing maintenance.

### **3. SETUP AND INSTALLATION**

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#### **3.1 Unpacking**

- Carefully remove all packaging materials.
- Inspect the unit for any shipping damage. Report any damage immediately to the carrier and supplier.
- Remove all protective films and tapes from surfaces.

#### **3.2 Location**

- Place the refrigerator on a strong, level surface capable of supporting its weight (approximately 362 lbs / 164 kg).
- Ensure adequate ventilation around the unit. Maintain at least 4 inches (10 cm) of clearance from walls or other obstructions to allow for proper airflow to the condenser.
- Avoid direct sunlight or proximity to heat-generating appliances (e.g., ovens, stoves) to ensure optimal performance and energy efficiency.
- This unit is equipped with 4 lockable castor wheels for easy movement and positioning. Ensure wheels are locked once the unit is in its final position.



Image 3.1: Dimensions of the refrigerator (48" Length, 27" Depth, 80" Height) and detail of a lockable castor wheel.

### 3.3 Electrical Connection

- The refrigerator operates on 110 Volts (AC). Ensure the power supply matches the unit's requirements.
- Connect the unit to a dedicated, properly grounded electrical outlet. Do not use extension cords or adapter plugs.

### 3.4 Initial Cleaning

- Before first use, clean the interior and exterior surfaces with a mild detergent and warm water. Rinse thoroughly and dry.
- Install the 8 epoxy-coated wire shelves into the desired positions.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On

- After installation, plug the unit into the electrical outlet.
- Allow the refrigerator to run empty for at least 2-4 hours to reach the desired temperature before loading products.

## 4.2 Temperature Control

The unit features a digital thermometer display and adjustment buttons for precise temperature control.

- The temperature can be adjusted from 0°C to 10°C (32°F to 50°F).
- Use the 'SET' button to enter temperature adjustment mode.
- Use the 'UP' and 'DOWN' arrows to increase or decrease the desired temperature.
- Press 'SET' again to confirm the new setting.



Image 4.1: Dixell digital thermometer display and temperature adjustment buttons, showing a reading of 42°F.

## 4.3 Loading Products

- Load products evenly on the shelves. Do not block the internal air vents to ensure proper circulation.

- The unit is suitable for storing various items such as milk, eggs, vegetables, and beverages.
- The integrated LED lights illuminate the interior, aiding in inventory management.



Image 4.2: Interior view of the refrigerator showcasing the LED lighting and shelf space.

#### 4.4 Door Operation

- The unit features self-closing double swing glass doors to minimize temperature fluctuations.
- A door lock feature is included for security.

### 5. MAINTENANCE

#### 5.1 Cleaning

- **Interior Cleaning:** Regularly clean the interior with a mild, non-abrasive detergent and warm water. Rinse with clean water and dry thoroughly to prevent odors and maintain hygiene. The epoxy-coated shelves are designed for easy removal and cleaning.

- **Exterior Cleaning:** Wipe down the exterior surfaces with a soft cloth and mild detergent. Avoid harsh chemicals or abrasive cleaners.
- **Door Gaskets:** Clean door gaskets regularly to ensure a tight seal. Inspect for cracks or damage; replaceable door gaskets are available if needed.
- **Condenser Coil:** The unit features a bottom-mounted compressor and fan-assisted condenser. Periodically clean the condenser coil to ensure efficient operation. Dust and debris buildup can reduce cooling efficiency and increase energy consumption. Disconnect power before cleaning.

## 5.2 Defrosting

This refrigerator features an automatic defrost system, eliminating the need for manual defrosting. During the defrost cycle, water will drain into an evaporation pan and evaporate.

## 6. TROUBLESHOOTING

If you experience issues with your refrigerator, consult the following table before contacting service.

Problem	Possible Cause	Solution
Refrigerator not cooling	<ul style="list-style-type: none"> <li>• Power cord unplugged</li> <li>• Circuit breaker tripped</li> <li>• Temperature setting too high</li> <li>• Condenser coil dirty</li> <li>• Door left open</li> </ul>	<ul style="list-style-type: none"> <li>• Check power connection</li> <li>• Reset circuit breaker</li> <li>• Adjust temperature to a lower setting</li> <li>• Clean condenser coil</li> <li>• Ensure doors are closed properly</li> </ul>
Excessive noise	<ul style="list-style-type: none"> <li>• Unit not level</li> <li>• Loose parts</li> <li>• Fan obstruction</li> </ul>	<ul style="list-style-type: none"> <li>• Adjust leveling feet/castor wheels</li> <li>• Check for loose components</li> <li>• Inspect fan for obstructions</li> </ul>
Water on floor (leakage)	<ul style="list-style-type: none"> <li>• Drain line clogged</li> <li>• Drain pan overflowing</li> <li>• Door gasket not sealing</li> </ul>	<ul style="list-style-type: none"> <li>• Clear drain line</li> <li>• Check and empty drain pan if accessible</li> <li>• Inspect and clean/replace door gasket</li> </ul>
LED lights not working	<ul style="list-style-type: none"> <li>• Light switch off</li> <li>• LED bulb failure</li> </ul>	<ul style="list-style-type: none"> <li>• Check light switch</li> <li>• Contact service for replacement</li> </ul>

## 7. SPECIFICATIONS

Feature	Specification
Model Number	LCG-1000 / GDM-41B

Feature	Specification
Dimensions (L x D x H)	48 in x 27 in x 80 in (122 cm x 68.6 cm x 203.2 cm)
Capacity	36 Cubic Feet
Item Weight	362 lbs (164 kg)
Voltage	110 Volts (AC)
Wattage	300 Watts
Temperature Range	0°C to 10°C (32°F to 50°F)
Refrigerant	R290
Defrost Type	Automatic
Number of Doors	2, Self-closing Glass Swing Doors
Shelves	8, Epoxy Coated Wire Shelves
Special Features	Bottom-Mounted Compressor, Digital Temperature Display, Lockable Castor Wheels, LED Interior Lighting, Door Lock
Certifications	NSF Certified, Intertek ETL US

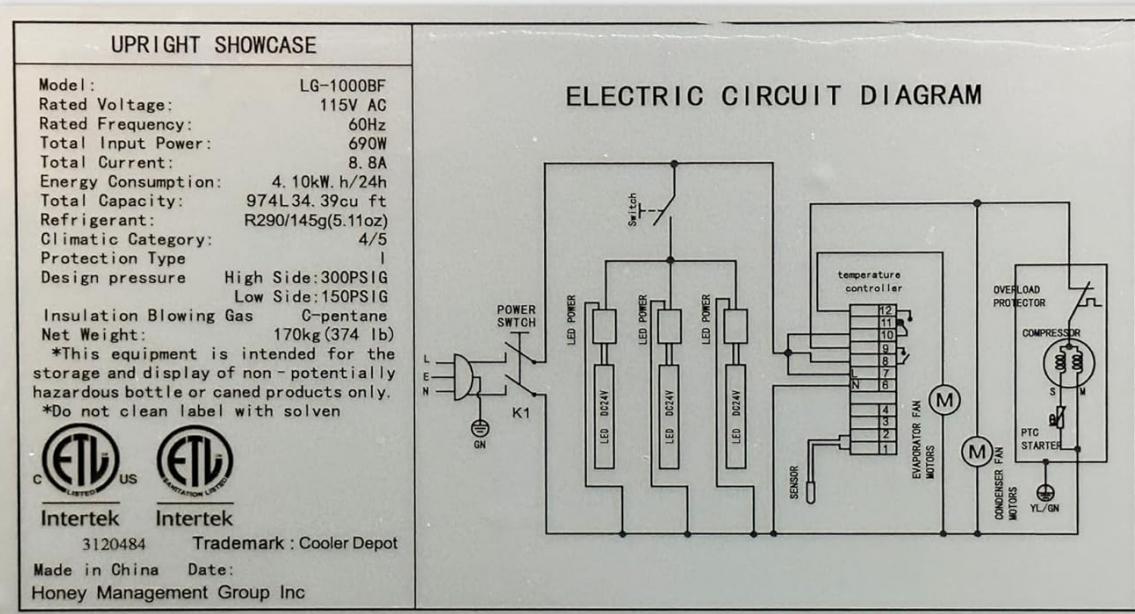


Image 7.1: Electrical circuit diagram for the cooler depot LCG-1000 refrigerator.

# SHOWCASE

## [FAN COOLING]



### Features and Benefits

- Fan assisted cooling
- Copper Evaporator
- Dynamic cooling
- Auto defrost
- Interior and canopy LED light with switch
- Adjustable shelves
- Casters 2 lockable ( For option)
- Fan assisted condenser
- Digital controller and temperature display
- Replaceable door gasket
- Self closing door
- Tempered glass



### Technical Specifications

Temperature Range	0 ~ 10°C
Refrigerant	R290
Type of Defrost	Automatic
Max Ambient	38°C



MODEL NO	Volume gross(lt)	External Dimension WxDxH(mm)	Packing, carton WxDxH(mm)	Weight Net /Weight Gross (Kg)	20/40' Container /40HQ Container
LG-800BF	800	1000x730x2036	1060x770x2136	146/164	15/33/33
LG-1000BF	1000	1200x730x2036	1255x770x2136	177/199	13/27/27
LG-1000BFS	1000	1200x725x2041	1255x770x2141	177/199	13/27/27

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(626)771-5174 (626)800-8109 (626)506-1381 (626)800-7215  
(626)665-1926

Image 7.2: Detailed technical specifications table for cooler depot commercial refrigerators, including model LCG-1000.

## 8. WARRANTY INFORMATION

cooler depot provides the following warranty coverage for this product:

- **All-Parts Warranty:** 3 Years

- **Compressor Warranty:** 6 Years
- **Labor Warranty:** 1 Year

A full refund for functional failures is available within 1 month of the item's delivered date. Please retain your proof of purchase for warranty claims.

## 9. CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your cooler depot Commercial Refrigerator, please contact our customer support team:

- **Email:** [coolerdepot@gmail.com](mailto:coolerdepot@gmail.com)
- **Phone:** (626) 336-0436, (626) 333-8233, (626) 800-8573, (626) 827-6793, (626) 771-5174, (626) 800-8109, (626) 506-1381, (626) 800-7215, (626) 665-1926

Please have your model number (LCG-1000 or GDM-41B) and purchase date available when contacting support.

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### Related Documents - LCG-1000

	<p><a href="#"><u>Cooler Depot Commercial Freezers: 48 cu. ft. Stainless Steel Reach-In &amp; Upright Models</u></a>  Explore Cooler Depot's range of commercial freezers, including 48 cu. ft. stainless steel reach-in and upright models. Featuring auto-defrost, energy efficiency, and durable construction for foodservice businesses.</p>
	<p><a href="#"><u>Cooler Depot XML-300TP Wall-mounted Monoblock Refrigeration Unit Specifications</u></a>  Detailed specifications for the Cooler Depot XML-300TP wall-mounted monoblock refrigeration unit, featuring Emerson compressor, Dixell controller, R404a refrigerant, and dual-temperature cooling capabilities.</p>
	<p><a href="#"><u>Cooler Depot XML-100TP Monoblock Wall-Mounted Refrigeration Unit Specifications</u></a>  Detailed technical specifications for the Cooler Depot XML-100TP Monoblock wall-mounted refrigeration unit. Features include Embraco compressor, Dixell controller, R404a refrigerant, automatic defrost, and performance data. ETL US Listed certified.</p>



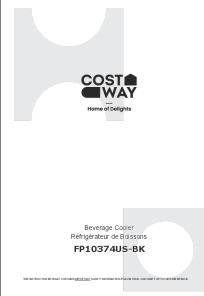
### [Cooler Depot Commercial Reach-In Freezer: Specifications and Features](#)

Detailed specifications and features for the Cooler Depot Commercial Reach-In Freezer, designed for professional kitchen environments. Learn about dimensions, capacity, construction, and performance.



### [Commercial Freezer Dimensions and Specifications](#)

Detailed dimensions for a 48-cu ft frost-free commercial freezer in stainless steel, including width, depth, and height.



### [COSTWAY FP10374US-BK Beverage Cooler User Manual and Safety Guide](#)

This comprehensive user manual provides essential safety instructions, installation guidelines, operating tips, and troubleshooting advice for the COSTWAY FP10374US-BK Beverage Cooler. Learn how to properly set up, use, and maintain your beverage refrigerator for optimal performance.