

cooler depot GDC-42

Cooler Depot GDC-42 Commercial 3-Door Glass Merchandiser Refrigerator User Manual

Model: GDC-42 | Brand: Cooler Depot

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation and maintenance of your Cooler Depot GDC-42 Commercial 3-Door Glass Merchandiser Refrigerator. Please read these instructions thoroughly before installation and use, and retain them for future reference.

The GDC-42 is an NSF Certified commercial display refrigerator designed for storing beverages and other food items requiring refrigeration in various commercial settings such as restaurants, cafes, bakeries, bars, and grocery stores. It features a 1305 Liter (49 Cu.ft.) capacity, three self-closing swing glass doors, and an efficient cooling system.

2. SETUP AND INSTALLATION

2.1 Unpacking

Carefully remove all packaging materials. Inspect the unit for any shipping damage. Report any damage immediately to the carrier and your supplier. Ensure all internal packing materials, including tape and protective films, are removed from shelves and interior surfaces.

GDC-42

PRODUCT FEATURE:

- Fin type evaporator, frost-free dynamic cooling system
- Maintenance-free fan-cooling steel wire condenser, high efficiency and energy saving
- 6 swivel casters plus 3 foot brakes
- with 12 reinforced wire shelves
- Vertical LED cabinet lighting
- R290 natural refrigerant, green and energy saving.
- white/ black color optional
- ETL certification
- 110V/60HZ



Model	Gross Capacity	Dimension (W*D*H)	Packing Dimension (W*D*H mm)	Gas	Operational Temp	Cooling Type	Shelf QTY	Gross Weight (KG)
GDC-42	1305L	1635*720*2100mm 64.4"x28.4"x79.2inch	1675*750*2100mm 66"x29.5"x82.7inch	R290	0℃~10℃	Dynamic Cooling	12	207

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Image: Front view of the Cooler Depot GDC-42 commercial refrigerator with three glass doors, showcasing its overall design.

2.2 Placement

- Place the refrigerator on a flat, level, and sturdy surface capable of supporting its weight when fully loaded.
- Ensure adequate ventilation around the unit. Maintain a minimum clearance of 4 inches (10 cm) from walls or other obstructions to allow for proper airflow to the condenser.
- Avoid placing the unit in direct sunlight or near heat-generating appliances (e.g., ovens, heaters) to ensure optimal performance and energy efficiency.
- The unit is equipped with 4 lockable castor wheels for easy movement. Engage the wheel locks once the unit is in its final position to prevent accidental movement.



Image: The Cooler Depot GDC-42 refrigerator with one glass door open, revealing the interior shelves.

2.3 Electrical Connection

- Connect the unit to a dedicated 110V, 60Hz grounded electrical outlet. Do not use extension cords or adapter plugs.
- Ensure the electrical supply matches the requirements specified on the unit's rating label.
- Allow the refrigerator to stand upright for at least 2 hours before plugging it in to allow the refrigerant to settle.



Image: Close-up of the Type B - 3 pin (North American) power plug for the GDC-42 refrigerator.

2.4 Shelf Installation

The unit comes with 12 epoxy-coated shelves. Install them into the desired positions using the provided shelf clips.

Ensure shelves are securely seated before loading products.

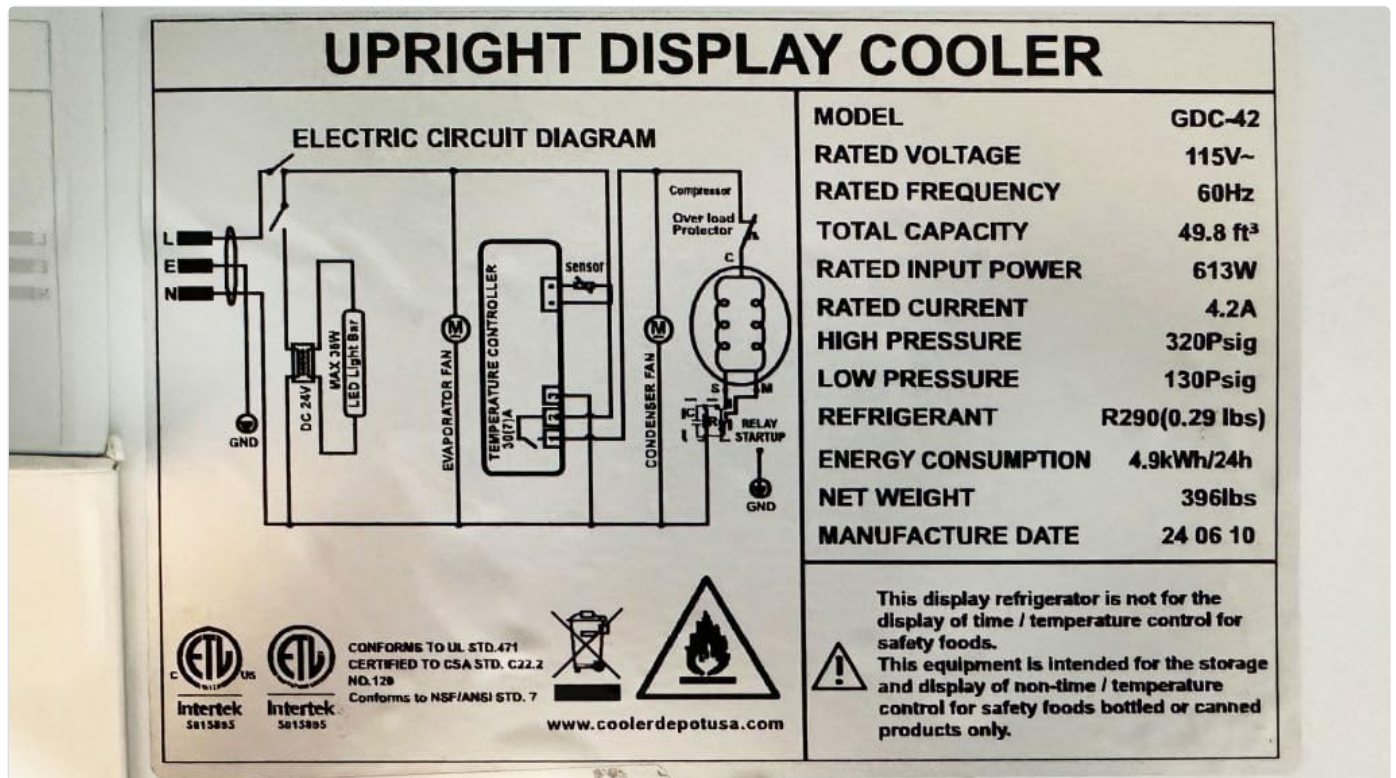


Image: Interior view of the GDC-42 refrigerator showing the epoxy-coated wire shelves.

3. OPERATING INSTRUCTIONS

3.1 Initial Start-up

After connecting to power, turn on the main power switch. Allow the unit to run for several hours (approximately 2-4 hours) to reach the desired operating temperature before loading products.

3.2 Temperature Control

The GDC-42 features a digital thermometer display and control knob for temperature adjustment. The temperature can be set between 0°C to 10°C (32°F to 50°F).

- **To Adjust Temperature:** Refer to the specific instructions for the digital controller model (e.g., Dixell). Generally, press the "SET" button, then use the up/down arrows to adjust the desired temperature. Press "SET" again to confirm.
- Monitor the display to ensure the unit maintains the set temperature.

3.3 Lighting Control

The unit is equipped with vertical LED cabinet lighting. Use the dedicated lighting switch to turn the interior lights on or off as needed for product visibility.



Image: Close-up of the control panel, showing the power switch, lighting switch, and digital temperature display.

3.4 Loading Products

- Do not overload shelves. Distribute products evenly to allow for proper air circulation.
- Avoid blocking the internal air vents to ensure consistent cooling throughout the cabinet.
- The self-closing swing glass doors help maintain internal temperature. Minimize door opening times to conserve energy.

4. MAINTENANCE

4.1 Cleaning the Interior

- Disconnect the unit from the power supply before cleaning.
- Remove all products and shelves.
- Clean interior surfaces and shelves with a mild detergent and warm water. Rinse thoroughly and dry completely to prevent odors and mildew.
- Do not use abrasive cleaners, steel wool, or harsh chemicals, as these can damage surfaces.

4.2 Cleaning the Exterior

- Wipe exterior surfaces, including glass doors, with a soft cloth and mild cleaner.
- Keep the door gaskets clean and free of debris to ensure a tight seal.

4.3 Condenser Coil Cleaning

The bottom-mounted compressor system requires regular condenser coil cleaning to maintain efficiency and prevent overheating. This should be performed by qualified personnel.

- **Frequency:** At least every three months, or more frequently in dusty environments.
- **Procedure:** Disconnect power. Access the condenser coil (typically located at the bottom rear). Use a stiff brush or vacuum cleaner to remove dust and debris from the fins.



Image: Close-up view of the internal fans, part of the dynamic cooling system, which should be kept clear of obstructions.

4.4 Defrost System

The unit features an automatic defrost system. No manual defrosting is typically required. If excessive ice buildup occurs, contact service personnel.

5. TROUBLESHOOTING

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
Unit does not operate	No power supply; Power switch off; Circuit breaker tripped.	Check power cord connection; Ensure power switch is ON; Reset circuit breaker.
Insufficient cooling	Temperature set too high; Door left open; Condenser coil dirty; Unit overloaded; Poor ventilation.	Adjust temperature setting; Ensure doors close properly; Clean condenser coil; Reduce product load; Ensure adequate clearance around unit.
Excessive noise	Unit not level; Loose components; Fan obstruction.	Level the unit; Check for loose parts and tighten; Clear any obstructions from fans.
Water on floor	Drain pan overflowing; Drain line clogged.	Check and empty drain pan; Clear drain line obstruction.

If problems persist after performing these checks, contact qualified service personnel.

6. SPECIFICATIONS

The following table outlines the key technical specifications for the Cooler Depot GDC-42 Commercial Refrigerator:



Image: Product label showing electrical circuit diagram and detailed specifications for the GDC-42 model.

Feature	Detail
Model Name	GDC-42
Product Dimensions (D x W x H)	28"D x 64"W x 80"H (71.12 cm D x 162.56 cm W x 203.2 cm H)
Capacity	49 cubic feet (1305 Liters)
Number of Doors	3 (Self-closing swing glass doors)
Number of Shelves	12 (Epoxy coated wire shelves)
Temperature Range	0°C to 10°C (32°F to 50°F)
Refrigerant	R-290 (Environmental friendly)
Voltage	110V
Frequency	60Hz
Rated Input Power	613 Watts
Defrost System	Automatic
Compressor Type	Reciprocating, Bottom-Mounted
Special Features	Door Lock, LED Lighting, 4 Lockable Castor Wheels
Certifications	NSF Certified, ETL Certified
Net Weight	396 pounds (179.6 kg)

7. WARRANTY & SUPPORT

7.1 Warranty Information

Cooler Depot provides the following warranty for the GDC-42 Commercial Refrigerator:

- **3 Years All-Parts Warranty**
- **6 Years Compressor Warranty**
- **1 Year Labor Warranty**

For functional failures within 1 month of the item's delivered date, a full refund may be applicable. Please refer to your purchase documentation for complete warranty terms and conditions.

7.2 Customer Support

For technical assistance, warranty claims, or service inquiries, please contact Cooler Depot customer support:

- **Email:** coolerdepotservice@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
- **Address:** 14923 Proctor Ave, City of Industry, CA 91746

8. PRODUCT VIDEO DEMONSTRATION

Watch this official product video for a visual overview of the Cooler Depot GDC-42 Commercial Refrigerator, demonstrating its features and functionality.

Your browser does not support the video tag.

Video: A demonstration of the Cooler Depot GDC-42 commercial 3-door refrigerator, highlighting its design and features.

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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.

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Email

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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