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› Commercial Refrigerator Glass 2-Door Merchandiser Display Cooler Instruction Manual

cooler depot GDM-40BS

Commercial Refrigerator Instruction Manual

Model: GDM-40BS | Brand: cooler depot

PRODUCT OVERVIEW

This commercial glass 2-door merchandiser display cooler is designed for efficient and reliable refrigeration in various food service environments. It features a bottom-mounted compressor, self-closing swing doors, and LED lighting for optimal product visibility. The unit is NSF certified, ensuring it meets public health and safety standards.



Figure 1: Front view of the Commercial Refrigerator Glass 2-Door Merchandiser Display Cooler with products inside.



Figure 2: Front view of the empty Commercial Refrigerator, showcasing the interior space and glass doors.

SETUP

1. Unpacking and Inspection

Carefully remove the unit from its packaging. Inspect for any shipping damage. Report any damage to the carrier immediately. Retain all packaging materials for potential return or warranty claims.

2. Placement

Position the refrigerator on a flat, stable surface. Ensure adequate ventilation around the unit, especially for the bottom-mounted compressor. The unit is equipped with 4 lockable castor wheels for easy movement. Once in the desired location, lock the wheels to secure the unit.

Dimensions: Approximately 54 inches (Length) x 32 inches (Depth) x 81 inches (Height).

Glass Door Merchandiser

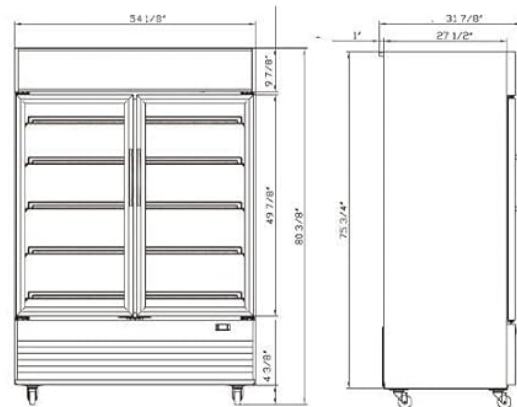


Features & Benefits

- Fan assisted cooling.
- Copper evaporator.
- Auto defrost.
- Interior and canopy LED light with switch.
- Adjustable shelves.
- Fan assisted condenser.
- Digital controller and LED temperature display.
- Replaceable door gasket.
- Tempered glass.

Technical Specifications

Temperature Range	33-40°F
Refrigerant	R290
Type of defrosting	Automatic
Exterior Finish	Black
Interior Finish	White



GLASS DOOR MERCHANDISER													
Model	External Dimensions (inches)			Packing Carton (inches)			Temperature Range °F	Net Weight	Gross Weight	# of Shelves	Compressor Power (HP)	NEMA Config.	40HQ Container Certification
	W	D	H	W	D	H							
CDM-50R	54 1/8	31 7/8	80 3/8	56 1/8	32 1/2	82 3/8	33 ~ 40 °F	385	429	10	1/2-	5-15P	22

Unit completely pre-wired at factory ready for final connection to a 110/60Hz single phase 15/20amp dedicated outlet.

Cooler Depot

14923 Proctor Ave, City of Industry, CA 91746
 60 Page Rd, Clifton, NJ 07012
 6840 Signat Drive, Houston, TX 77041



(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



coolerdepotservice@gmail.com

Figure 3: Diagram illustrating the technical specifications and external dimensions of the merchandiser.

3. Power Connection

Connect the refrigerator to a standard 110V electrical outlet. Ensure the outlet is properly grounded and can support the unit's 690 Wattage. The plug is located at the back of the unit.

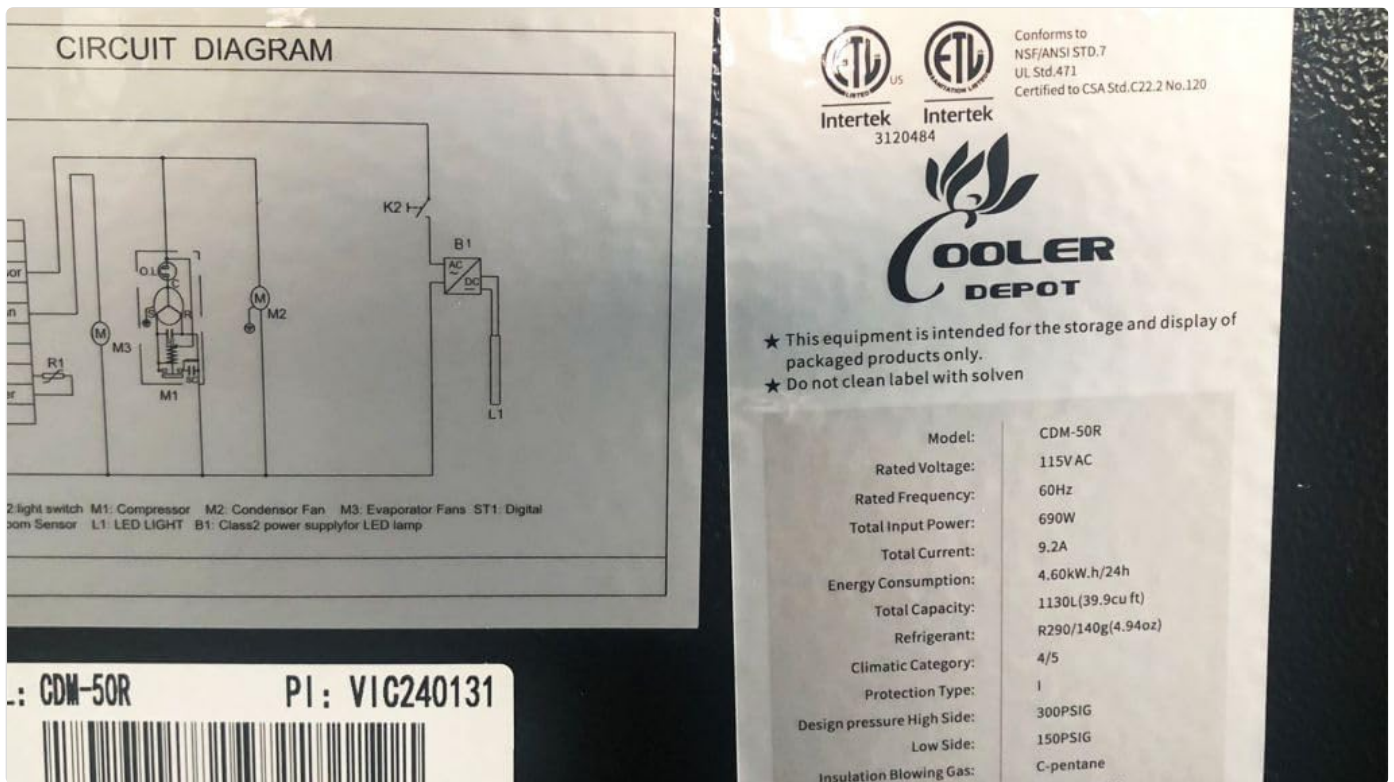


Figure 4: Rear view of the refrigerator, showing the power connection area and the specifications sticker.

4. Shelf Installation

The unit comes with 10 epoxy-coated shelves (5 for each door section). Install the shelves at desired heights using the adjustable shelf supports inside the cabinet. Ensure shelves are securely seated before placing items on them.

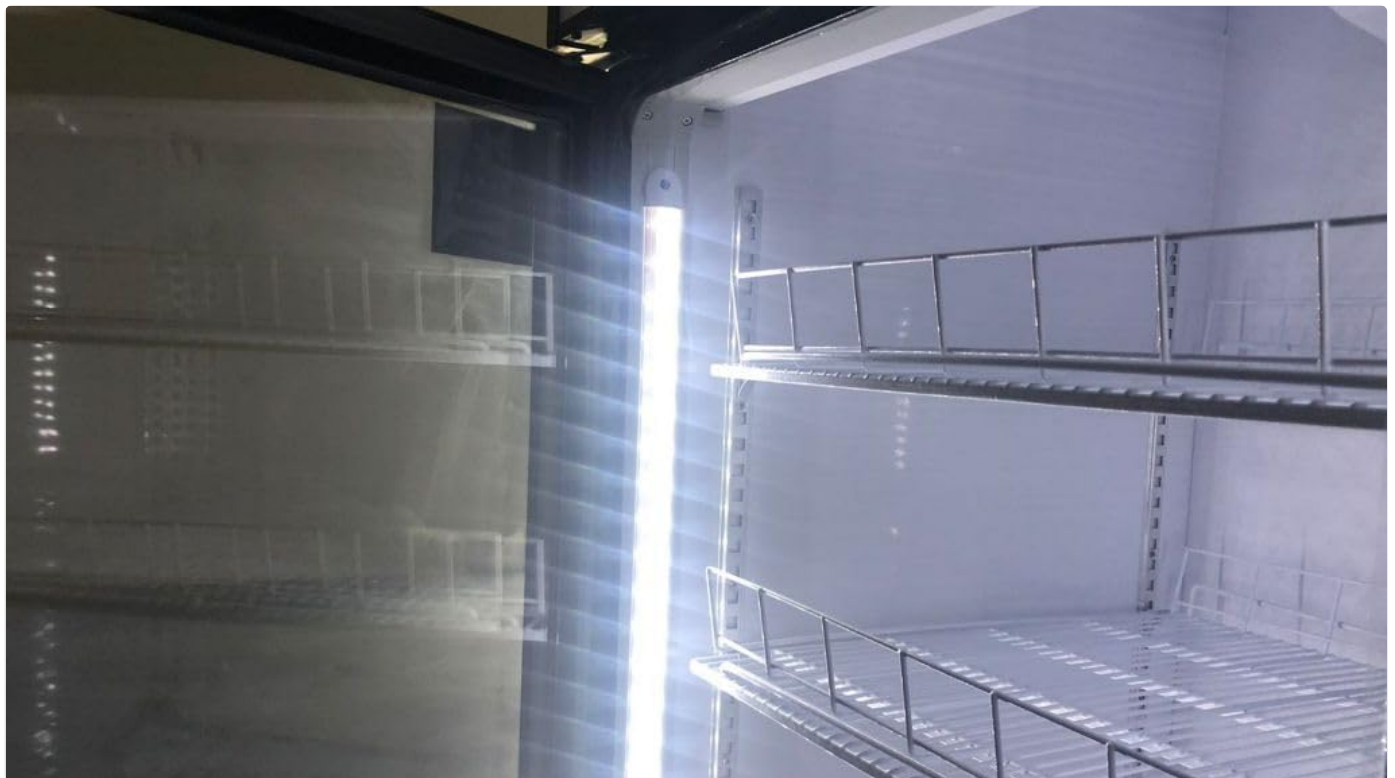


Figure 5: Interior view of the refrigerator, highlighting the LED lighting and adjustable shelf supports.

5. Initial Cleaning

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

OPERATING INSTRUCTIONS

1. Temperature Control

The refrigerator features a digital thermometer display and a knob for temperature adjustment. The temperature can be set between 0 to 10°C (32 to 50°F). Refer to the control panel located at the top front of the unit to monitor and adjust the temperature.

2. Internal Lighting

The unit is equipped with LED lights for enhanced visibility of stored products. A switch for the lighting is located on the control panel at the top front of the unit. There are also lights on the sides of the interior.

3. Door Operation

The merchandiser features self-closing double glass swing doors. These doors are designed to automatically close, helping to maintain internal temperature and energy efficiency. Ensure the doors close completely after each use.

4. Loading Products

Arrange products on the shelves to allow for proper air circulation. Do not block the internal fans located at the top of the interior, as this can impede cooling performance.



Figure 6: Close-up view of the interior ceiling, showing the two circulation fans.

MAINTENANCE

1. Regular Cleaning

Regularly clean the interior and exterior of the unit using a mild, non-abrasive cleaner. For the glass doors, use a glass cleaner. Avoid using harsh chemicals or abrasive pads that could damage surfaces. Ensure the unit is unplugged before cleaning.

2. Auto Defrost System

This refrigerator features an auto-defrost system, minimizing the need for manual defrosting. However, periodically check for excessive ice buildup, which may indicate an issue with the defrost cycle or door seal.

3. Door Gasket Inspection

Inspect the door gaskets regularly for any signs of wear, tears, or damage. A compromised gasket can lead to temperature fluctuations and increased energy consumption. The door gasket is replaceable if needed.

4. Condenser Coil Cleaning

The bottom-mounted compressor's condenser coils should be cleaned periodically to ensure efficient operation. Dust and debris buildup can reduce cooling efficiency and increase energy usage. Consult a qualified technician for condenser coil cleaning.

TROUBLESHOOTING

- **Unit Not Cooling:**

- Check if the unit is properly plugged into a 110V outlet.
- Verify the temperature setting on the digital control panel.
- Ensure the doors are closing completely and the gaskets are sealing properly.
- Check for any obstructions to the internal fans.

- **Excessive Noise:**

- Ensure the unit is level and stable on its casters.
- Check if any internal components (like shelves or products) are vibrating against the interior walls.
- If the noise is coming from the compressor area, it may require professional inspection.

- **Internal Lights Not Working:**

- Check the light switch on the control panel.
- If individual LED strips are out, they may need replacement by a qualified technician.

For issues not resolved by the above steps, please contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	cooler depot
Model Number	GDM-40BS
Product Dimensions	32 x 54 x 81 inches (Depth x Width x Height)
Item Weight	362 Pounds
Capacity	47 Cubic Feet
Installation Type	Freestanding
Door Type	2-Door Swing Glass
Temperature Range	0 to 10°C (32 to 50°F)
Wattage	690 watts
Refrigerant	R-290
Shelves	10 Epoxy-coated Wire Shelves
Certification	NSF Certified

WARRANTY AND SUPPORT

This product comes with a comprehensive warranty:

- 3 Years All-Parts Warranty
- 6 Years Compressor Warranty
- 1 Month Labor Warranty

For functional failures within 1 month of the item's delivered date, a full refund may be applied for. For any questions or support regarding this unit, please contact cooler depot customer service.

Contact Information:

Phone: (626) 665-1926, (626) 484-8223

Website: www.coolerdepotusa.com

PRODUCT DEMONSTRATION VIDEO

Your browser does not support the video tag.

Video 1: A detailed demonstration of the Cooler Depot GDM-40BS Commercial Refrigerator, showcasing its features, dimensions, and internal components. This video is provided by the seller, Cooler Depot USA.