

GAOMON 2.1 Cu.FT Single-Door Display Fridge

GAOMON Commercial Refrigerator Display Case

MODEL: 2.1 Cu.FT SINGLE-DOOR DISPLAY FRIDGE

User Manual

1. Introduction

Thank you for choosing the GAOMON Commercial Refrigerator Display Case. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new appliance. Please read this manual thoroughly before use and retain it for future reference.

1.1 Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury. This appliance is intended for commercial use only.

- Ensure the power supply matches the voltage requirements (110V).
- Do not operate the appliance with a damaged cord or plug.
- Keep ventilation openings clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the appliance before cleaning or performing any maintenance.



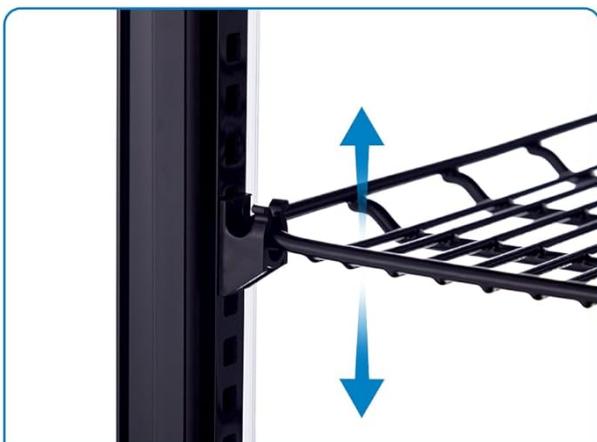
Figure 1.1: GAOMON Commercial Refrigerator Display Case in a typical commercial environment.

2. Product Features

The GAOMON Commercial Refrigerator Display Case is designed for optimal product visibility and preservation, featuring:

- **Enhanced Visibility:** Glass panels on all four sides and vibrant LED lighting maximize the attractiveness of displayed items, encouraging impulse purchases.
- **Customizable Shelving:** Adjustable PVC shelves allow for personalized organization and accommodate items of various sizes, providing a versatile display.
- **Precision Temperature Control:** A thermostatic control panel with a range of 32-53.6°F (0-12°C) enables precise temperature selection for stored foods.
- **Freshness Maintenance & Anti-Fog:** A ventilation cooling system and automatic defrost function maintain stable temperatures. Double-layer tempered glass and ventilation holes prevent condensation and fogging.
- **Efficient Space Utilization:** Compact dimensions optimize space in bakeries, cafes, and coffee shops while enhancing product presentation.

Considerate Details



Adjustable Shelves



LED light



Tempered Glass



Rear Sliding Doors

Figure 2.1: Key design details including adjustable shelves, LED lighting, tempered glass, and convenient rear sliding doors.

35.6-53.6 °F

Temperature Range (for great food preservation)



Fast Cooling



Energy Saving



Sustainable



Smart Temperature
Control

Figure 2.2: The display case maintains a temperature range of 35.6-53.6°F (2-12°C) with features for fast cooling and energy efficiency.

3. Specifications



Specifications

Rated Power 175W	Frequency 60Hz	Total Effective Volume 2.0Cu.Ft
Max. Current 2.2A	Temp Range 0-12°C(32-53.6°F)	Noise Level 40-45dB(A)

Figure 3.1: Product dimensions and key technical specifications.

Specification	Value
Product Dimensions	18.9"D x 17.8"W x 34.57"H
Brand	GAOMON
Capacity	2.1 Cubic Feet
Configuration	Freezer-on-Bottom
BEE Star Rating	3 Star
Color	Black
Special Feature	Adjustable Shelves

Specification	Value
Installation Type	Freestanding
Number of Doors	1
Defrost System	Automatic

4. Setup

- Unpacking:** Carefully remove the display case from its packaging. Inspect for any shipping damage. Retain packaging materials for future transport if needed.
- Placement:** Place the unit on a firm, level surface capable of supporting its weight when fully loaded. Ensure there is adequate ventilation around the unit (at least 4 inches from walls or other appliances) to allow for proper heat dissipation. Avoid direct sunlight or heat sources.
- Leveling:** Use the adjustable feet at the bottom of the unit to ensure it is perfectly level. This is crucial for proper door sealing and efficient operation.
- Initial Cleaning:** Before first use, wipe down the interior and exterior with a damp cloth and mild detergent. Dry thoroughly.
- Power Connection:** Plug the unit into a dedicated 110V grounded electrical outlet. Do not use extension cords or adapters. Allow the unit to stand for at least 2 hours before plugging it in to allow refrigerants to settle.

5. Operating Instructions

5.1 Control Panel Overview



For Easy Operation

Figure 5.1: The digital control panel for temperature and settings.

The display case features an intuitive digital control panel. The main display shows the current internal temperature. Buttons allow for temperature adjustment, LED lighting control, and defrost mode activation.

5.2 Setting Temperature

1. Press the 'SET' button once. The temperature display will flash.
2. Use the 'Up' or 'Down' arrows to adjust the desired temperature. The recommended range for most products is 32-53.6°F (0-12°C).
3. Press 'SET' again to confirm the new temperature. The display will return to showing the current internal temperature.

5.3 LED Lighting Control

Press the 'Light' button (often indicated by a light bulb icon) on the control panel to turn the interior LED lighting on or off.

5.4 Loading Products

Ensure products are not blocking the internal air vents to allow for proper air circulation and consistent cooling. Arrange items neatly on the adjustable shelves for optimal display and temperature distribution.

6. Maintenance

6.1 Cleaning

- **Interior:** Regularly clean the interior with a mild, non-abrasive detergent and warm water. Rinse with clean water and dry thoroughly to prevent odors and mold growth.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. For glass surfaces, use a glass cleaner.
- **Condenser Coil:** The condenser coil, typically located at the bottom rear of the unit, should be cleaned periodically (every 3-6 months) to ensure efficient operation. Unplug the unit, then use a brush or vacuum cleaner to remove dust and debris.

6.2 Automatic Defrosting System

Air-cooling & Automatic Defrosting System

Built-in fan for better temperature management and cooling effect



Before using



After using



Figure 6.1: The internal airflow for air-cooling and the automatic defrosting process.

This unit features an automatic defrost function. During defrost cycles, ice buildup on the evaporator coil is melted, and the water drains into an evaporation tray. Ensure the drain is not blocked. If excessive ice builds up, manually initiate a defrost cycle via the control panel (refer to control panel instructions for specific button).

7. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on	No power supply; tripped circuit breaker; faulty plug/cord.	Check power outlet; reset circuit breaker; inspect plug/cord for damage.
Temperature is too high	Door not closed properly; condenser coil dirty; insufficient ventilation; overloaded with warm products.	Ensure door is sealed; clean condenser coil; provide adequate space around unit; allow warm products to cool before loading.

Problem	Possible Cause	Solution
Excessive noise	Unit not level; fan obstruction; loose components.	Level the unit; check for obstructions around fan; contact service if noise persists.
Condensation/Fogging on glass	High humidity; frequent door opening; faulty door seal.	Ensure proper ventilation; minimize door openings; check and clean door seals.

If the problem persists after attempting these solutions, please contact customer support.

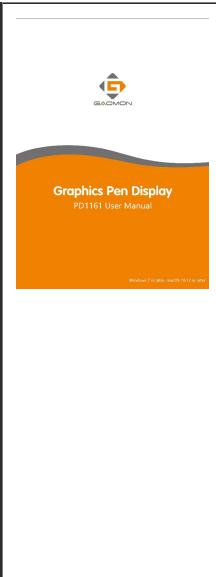
8. Warranty & Support

Your GAOMON Commercial Refrigerator Display Case comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including coverage duration and what is covered. For technical support, parts, or service inquiries, please contact GAOMON customer service through the retailer where the product was purchased or visit the official GAOMON website for contact information.

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Related Documents

	<p>GAOMON PD1561 Graphics Pen Display User Manual</p> <p>User manual for the GAOMON PD1561 Graphics Pen Display, covering product overview, connection, driver installation, OSD settings, function settings, specifications, and troubleshooting.</p>
	<p>GAOMON PD2200 Graphics Pen Display User Manual</p> <p>User manual for the GAOMON PD2200 Graphics Pen Display, covering setup, driver installation, settings, and troubleshooting for digital artists and designers.</p>
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