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KoolMore KM-MDR-1GD-15C

KoolMore Commercial Glass Door Merchandiser Refrigerator

Model: KM-MDR-1GD-15C | Brand: KoolMore

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your KoolMore KM-MDR-1GD-15C Commercial Glass Door Merchandiser Refrigerator. This 15 cubic feet unit is designed for displaying chilled beverages and other products in commercial settings, featuring energy-efficient LED lighting, adjustable shelving, and a durable triple-paned Low-E glass door. Please read this manual thoroughly before use to ensure safe and efficient operation.

SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury. Keep this manual for future reference.

- Ensure the refrigerator is properly grounded.
- 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.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

PRODUCT OVERVIEW

Key Features

- Spacious Interior:** 14.8 cubic feet capacity with five adjustable steel wire shelves, each holding up to 132 lbs.
- Energy Efficient:** Designed for low energy consumption (855 KWH/year).
- Triple-Paned Low-E Glass Door:** Ensures durability, insulation, and clear visibility.
- Temperature Control:** Simple mechanical controls for setting temperatures between 32°F and 50°F.
- LED Lighting:** Bright, energy-efficient LED lights at the top for excellent product visibility.
- Safety Lock:** Built-in lock to secure products and prevent unauthorized access.

Product Images



Front view of the KoolMore commercial glass door merchandiser refrigerator, fully stocked with various beverages.



Angled view of the KoolMore commercial refrigerator with the glass door slightly ajar, revealing stocked shelves.



Side view of the KoolMore commercial refrigerator, showing its dimensions: 82.88 inches height, 27.25 inches depth, and 25.75 inches width.



KoolMore commercial refrigerator placed in a cafe setting, showcasing its use as a display unit for beverages.



Angled view of the KoolMore commercial refrigerator in a cafe setting, highlighting its sleek design and product visibility.



Interior view of the KoolMore commercial refrigerator with the door open, showing five adjustable wire shelves.



Close-up of the adjustable wire shelves inside the KoolMore refrigerator, designed for high weight capacity.



Close-up of the integrated door handle on the KoolMore commercial refrigerator.



Close-up of the top interior of the KoolMore refrigerator, showing the bright LED lighting and the mechanical temperature control dial.



Close-up of the built-in safety lock and key on the lower front panel of the KoolMore commercial refrigerator.



Another close-up of the top interior, highlighting the LED light strip and the temperature control knob with ON/OFF switch.



Rear view of the KoolMore commercial refrigerator, showing the compressor unit and product labels.

SETUP

Unpacking

- Carefully remove all packaging materials, including any tape or protective film.
- Inspect the refrigerator for any shipping damage. Report any damage immediately to your supplier.

Placement

- Place the refrigerator on a firm, level surface capable of supporting its weight when fully loaded.
- Ensure adequate ventilation around the unit. Maintain at least 4 inches of space from walls or other objects to allow for proper airflow.
- Avoid direct sunlight or heat sources, as this can affect cooling performance and energy efficiency.
- This unit is designed for freestanding installation.

Initial Power-On

- After placement, allow the refrigerator to stand upright for at least 2 hours before plugging it in. This allows the refrigerant to settle.
- Plug the unit into a dedicated 115 Volt electrical outlet.
- The internal LED lights will illuminate, and the compressor will begin to cool the interior.

OPERATING INSTRUCTIONS

Temperature Control

The refrigerator features simple and reliable mechanical controls to set and maintain the internal temperature. The temperature dial is located inside the unit, typically near the LED lighting. Adjust the dial to your desired setting between 32°F and 50°F (0°C and 10°C). A lower number on the dial indicates a warmer temperature, while a higher number indicates a colder temperature. Allow several hours for the temperature to stabilize after adjustment.

LED Lighting

The refrigerator is equipped with bright, energy-efficient LED lights located at the top to enhance product visibility. These lights can be controlled by a separate ON/OFF switch, allowing you to turn them off overnight to conserve energy if desired.

Product Videos

Official product videos from the seller, if available, would be displayed here to provide visual guidance on product features and operation.

MAINTENANCE

Cleaning

- Disconnect the power supply before cleaning.
- Clean the interior and exterior surfaces regularly with a mild detergent and warm water. Avoid abrasive cleaners or solvents.
- Wipe down the glass door with a glass cleaner to maintain clarity.
- Ensure the condenser coils at the back or bottom of the unit are kept clean and free of dust and debris to maintain efficiency.

Defrosting

This KoolMore refrigerator features a frost-free defrost system, which automatically prevents ice buildup on the evaporator coils. This eliminates the need for manual defrosting, ensuring consistent cooling performance and reducing maintenance efforts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Refrigerator not cooling	Power supply issue; Temperature setting too high; Poor ventilation	Check power connection and circuit breaker; Adjust temperature dial to a colder setting; Ensure adequate space around the unit for airflow.
Excessive condensation on glass door	High humidity; Door not closing properly; Frequent door openings	Reduce ambient humidity if possible; Check door gasket for proper seal; Minimize door openings.
Unusual noise	Unit not level; Objects vibrating against the unit; Compressor noise	Adjust leveling feet; Ensure no objects are touching the refrigerator; Some compressor noise is normal during operation.
LED lights not working	Light switch off; LED strip malfunction	Check the ON/OFF switch for the LED lights; Contact customer support if lights still do not work.

SPECIFICATIONS

Feature	Detail
Brand Name	KoolMore
Model Info	KM-MDR-1GD-15C
Item Weight	216 pounds
Product Dimensions	27.1 x 25.7 x 82.97 inches (D x W x H)
Capacity	15 Cubic Feet
Annual Energy Consumption	855 Kilowatt Hours Per Year
Installation Type	Freestanding
Form Factor	Compact
Special Features	High weight capacity shelves, LED lighting, Self-Closing Door
Color	Black
Voltage	115 Volts
Defrost System	Frost Free
Door Hinges	Right
Door Material Type	Glass
Shelf Type	Wire
Number of Shelves	5

Feature	Detail
Certification	ETL
Number Of Doors	1
Date First Available	August 12, 2024

WHAT'S IN THE BOX

- Commercial One Door Refrigerator
- 5 Shelves

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official KoolMore website. You may also contact the seller directly for assistance with product-related inquiries or issues.