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KoolMore KM-CGD-6P45

KoolMore KM-CGD-6P45 6-Pan Countertop Ice Cream Display Freezer Instruction Manual

Model: KM-CGD-6P45 | Brand: KoolMore

1. Introduction and Overview

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your KoolMore KM-CGD-6P45 6-Pan Countertop Ice Cream Display Freezer. Please read these instructions thoroughly before use and retain them for future reference. This commercial-grade freezer is designed for displaying and preserving ice cream and other frozen treats in food service environments.

2. Safety Information

Important Safety Precautions:

- Ensure the unit is connected to a properly grounded 115 Volt electrical outlet.
- 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.
- Disconnect power before cleaning or performing maintenance.
- This appliance is ETL Listed, indicating compliance with North American safety standards.

3. Product Features

The KoolMore KM-CGD-6P45 freezer is engineered for commercial use, offering reliable performance and an attractive display.

- **Six ½ GN Pans:** Equipped with six half-size Gastronorm pans for versatile display of multiple ice cream flavors or frozen desserts.
- **Durable Construction:** Built with robust stainless steel and double-tempered glass for longevity and safe display.
- **Digital Temperature Control:** Easy-to-use digital control panel for precise temperature adjustments, maintaining optimal freshness.
- **Flat Glass Display Cover:** Provides clear visibility of contents while protecting them from external

contaminants.

- **Adjustable Feet:** Features four adjustable plastic feet for stable countertop placement and flexibility in setup.
- **Static Cooling:** Maintains a consistent temperature range of 7.6°F to 10.4°F, ideal for preserving ice cream texture and quality.
- **Auto Defrost:** Prevents frost buildup, ensures consistent cooling, and reduces maintenance time.
- **ETL Listed & DOE Compliant:** Meets stringent safety and energy efficiency standards.



The KoolMore KM-CGD-6P45 Countertop Ice Cream Display Freezer, showcasing its six pans filled with various ice cream flavors.



A close-up view of the digital temperature control panel and the main power switch, indicating a temperature of 32 degrees Fahrenheit.

4. Setup

Follow these steps for initial setup of your ice cream display freezer:

1. **Unpacking:** Carefully remove the freezer from its packaging. Inspect for any shipping damage. Retain packaging for potential returns or future transport.
2. **Placement:** Place the unit on a stable, level countertop surface. Ensure adequate ventilation around the sides and back of the unit. Avoid direct sunlight or heat sources.
3. **Leveling:** Adjust the four plastic feet at the bottom of the unit to ensure it is perfectly level. This is crucial for proper operation and drainage.
4. **Initial Cleaning:** Before first use, clean the interior and exterior surfaces with a mild detergent and warm water. Rinse thoroughly and dry completely.
5. **Pan Installation:** Place the six stainless-steel pans into their designated slots within the freezer compartment.
6. **Electrical Connection:** Plug the 94.5-inch cord into a dedicated 115 Volt, grounded electrical outlet. Do not

use extension cords.



A close-up of one of the adjustable plastic feet, highlighting its role in leveling the unit on various surfaces.

5. Operating Instructions

Operating your KoolMore ice cream display freezer is straightforward:

1. **Power On:** Flip the main power switch (usually red) to the 'ON' position. The digital display will illuminate.
2. **Temperature Setting:** Use the digital control panel to set your desired temperature. The recommended operating temperature range for ice cream is between 7.6°F and 10.4°F. Refer to the specific instructions for the digital controller for detailed setting procedures.
3. **Pre-Cooling:** Allow the unit to reach the set temperature before loading products. This may take several hours.
4. **Loading Products:** Once the desired temperature is reached, place your pre-chilled ice cream or frozen treats into the stainless-steel pans. Do not overload the pans, ensuring the glass cover can close properly.
5. **Display Cover:** Keep the flat glass display cover closed when not serving to maintain optimal temperature and hygiene.



A top-down view of the freezer, showing the six pans filled with various ice cream flavors, ready for display.



The ice cream display freezer with its flat glass lid open, revealing the six empty stainless steel pans ready for product loading.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your freezer:

- **Daily Cleaning:** Wipe down the exterior stainless steel surfaces and the glass display cover daily with a soft cloth and mild, non-abrasive cleaner.
- **Interior Cleaning:** Periodically remove the pans and clean the interior of the freezer. Ensure the unit is

unplugged before cleaning.

- **Auto Defrost:** The unit features an auto defrost function. During defrost cycles, some water may accumulate. Ensure the drain is clear.
- **Condenser Coil Cleaning:** The condenser coils should be cleaned regularly (e.g., monthly or quarterly, depending on usage and environment) to maintain efficiency. Refer to a qualified technician for this procedure.
- **Gasket Inspection:** Regularly check the door gaskets for tears or damage. Replace if necessary to ensure a tight seal.

7. Troubleshooting

If you encounter issues with your freezer, consult the table below. For problems not listed or if solutions do not resolve the issue, contact customer support.

Problem	Possible Cause	Solution
Unit does not power on	No power supply; Power switch off; Circuit breaker tripped	Check power cord connection; Ensure power switch is ON; Reset circuit breaker
Temperature is too high	Thermostat set incorrectly; Door not closed properly; Excessive product loading; Poor ventilation	Adjust thermostat setting; Ensure door is sealed; Reduce product load; Clear obstructions around unit
Unusual noise	Unit not level; Loose components; Fan obstruction	Level the unit using adjustable feet; Inspect for loose parts; Check for fan obstructions (contact technician if needed)
Excessive frost buildup	Door gasket leak; Frequent door opening; High humidity	Inspect and replace damaged gaskets; Minimize door openings; Ensure proper room humidity

8. Specifications

Detailed technical specifications for the KoolMore KM-CGD-6P45:

Attribute	Detail
Model Name	KM-CGD-6P45
Manufacturer	KoolMore
Product Dimensions (D x W x H)	25.6" x 45.25" x 11.8"
Item Weight	98 pounds
Capacity	6 Half-Size Gastronorm Pans
Temperature Range	7.6°F - 10.4°F
Power Source	Corded Electric

Attribute	Detail
Voltage	115 Volts
Installation Method	Countertop
Color	Stainless Steel
Style	Flat Top
Door Material Type	Glass
Certification	ETL
Included Components	6 Stainless-Steel Pans, Ice Cream Freezer



Side view of the KoolMore KM-CGD-6P45, illustrating its dimensions: 25.6 inches deep, 45.25 inches wide, and 11.8 inches high.

9. Warranty and Support

Warranty: This KoolMore KM-CGD-6P45 freezer comes with a**1-Year Parts and Labor Warranty**. Please retain your proof of purchase for warranty claims.
Customer Support: For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please visit the official KoolMore website or contact their customer service department. Contact information can typically be found on the manufacturer's website or your purchase documentation.

10. Product Video

Watch this video for a visual overview of the KoolMore Gelato Countertop Freezer:

▶ **Watch video online**
Gelato Countertop Freezer

An official product video from KoolMore showcasing the features and design of the Gelato Countertop Freezer, including its static cooling and pan capacity.

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