Kolice KDD-18

Kolice KDD-18 18-Pan Gelato Display Freezer User Manual

Model: KDD-18

1. Introduction

This manual provides essential information for the safe and efficient operation of your Kolice KDD-18 18-Pan Gelato Display Freezer. Please read all instructions carefully before installation, operation, or maintenance. Retain this manual for future reference.

2. Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the unit is connected to a properly grounded power outlet (110V, 60Hz).
- Do not operate the unit with a damaged power cord or plug.
- Keep ventilation openings clear of obstructions.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Only qualified personnel should perform repairs.
- Before cleaning or maintenance, always unplug the unit from the power supply.

3. Setup

3.1 Unpacking

Carefully remove the unit from its packaging. Inspect for any shipping damage. Report any damage to your supplier immediately. Keep packaging materials for potential future transport.

3.2 Placement

Place the freezer on a flat, stable surface. Ensure adequate clearance around the unit for proper ventilation. Avoid direct sunlight or heat sources. The unit dimensions are 66.93" (W) x 45.28" (D) x 52.36" (H). The unit weighs approximately 660.8 pounds (300 kg). The unit is equipped with four wheels for easier movement; ensure brakes are engaged once

positioned.



Figure 1: Kolice KDD-18 Gelato Display Freezer. This image shows the overall design of the freezer with its curved glass top and red side panels.

3.3 Power Connection

Connect the freezer to a dedicated 110V, 60Hz power outlet using the provided US plug. Do not use extension cords or adapters.

3.4 Initial Cleaning

Before first use, clean the interior and exterior surfaces with a mild detergent and a soft cloth. Rinse thoroughly and dry completely. Ensure all stainless steel pans are cleaned before placing food products.



Figure 2: Interior view showing the 18 stainless steel pans. Each pan measures 10.43"x6.38"x3.94" (LxWxH) and holds 3 quarts.

4. Operating Instructions

4.1 Powering On and Temperature Control

Once plugged in, press the 'Power' switch on the control panel. The smart temperature controller allows you to set the desired temperature. The working temperature range is 5°F to -0.4°F (-15°C to -18°C). Refer to the control panel image for switch locations.



Figure 3: Detailed view of the control panel with switches for Power, Demist, and Lighting, along with the temperature display. Also shown are the air cooling circulation outlet and a wheel with a brake for mobility.

4.2 Automatic Defrost Function

The unit features an automatic defrost function. This system prevents ice buildup, ensuring efficient operation and clear visibility. Cooling air convection inside the chamber promotes faster and more uniform freezing.



Figure 4: Illustration of the automatic demisting function. Hot wires inside the glass quickly defog the display, as shown by the 'Before use' and 'After use' comparison.

4.3 Display Lighting

The interior of the freezer is equipped with LED lighting. Use the 'Lighting' switch on the control panel to turn the lights on or off. This enhances product visibility.



Figure 5: Close-up views showing the grooved hidden handle for space-saving, the yellow LED light strip for illumination, and the food-grade stainless steel GN pans.

4.4 Anti-fog Glass

The display features triple insulating tempered glass with heating elements to prevent fogging, ensuring clear visibility of the products inside.



Figure 6: Diagram illustrating the double-deck toughened glass design, which provides bright and transparent viewing from different angles.

5. Maintenance

5.1 Cleaning

- Always unplug the unit before cleaning.
- Clean the interior and exterior surfaces regularly with a mild, non-abrasive detergent and a soft cloth.
- Remove and clean the stainless steel pans separately. They are food-grade and can be washed with standard dishwashing soap.
- Wipe down the anti-fog glass with a soft, damp cloth. Avoid harsh chemicals that could damage the heating elements or glass coating.
- Ensure all surfaces are dry before reconnecting power.

5.2 Defrosting

The unit features an auto-defrost function, minimizing manual defrosting. However, if excessive ice buildup occurs, manually turn off the unit, remove all products, and allow the ice to melt naturally. Do not use sharp objects to remove ice.

5.3 Condenser Coil Cleaning

Periodically clean the condenser coils to ensure optimal performance and energy efficiency. Consult a qualified technician for this procedure.

6. Troubleshooting

If you encounter issues with your freezer, refer to the following common problems and solutions. 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 cord unplugged; circuit breaker tripped.	Check power connection; reset circuit breaker.
Temperature is too high.	Door not closed properly; excessive product loading; poor ventilation; dirty condenser coils.	Ensure door is sealed; reduce product load; check for obstructions around unit; clean condenser coils.
Excessive noise.	Unit not level; loose components; fan obstruction.	Adjust leveling feet; inspect for loose parts; clear fan area.
Glass is fogging up.	Demist function off; high humidity.	Ensure 'Demist' switch is on; check ambient humidity levels.

7. Specifications

- **Model:** KDD-18
- **Brand:** Kolice
- **Product Dimensions (LxDxH):** 66.93" x 45.28" x 52.36" (170 x 115 x 133 cm)
- **Net Weight:** 660.8 lbs (300 kg)
- **Power:** 2100W
- **Voltage:** 110V, 60Hz

- **Temperature Range:** 5°F to -0.4°F (-15°C to -18°C)
- **Pan Capacity:** 18 x 1/4 pans (3 qt per pan)
- **Defrost System:** Automatic
- **Cooling Method:** Air Convection (Compressor)
- **Glass Type:** Triple Insulating Tempered Glass with Anti-fog System
- **Special Features:** LED Lighting, Food Grade Material, Wheels with Brake

8. Warranty

The Kolice KDD-18 Gelato Display Freezer comes with a**1-year quality warranty for all parts**. Please retain your proof of purchase for warranty claims. For service under warranty, contact Kolice customer support.

9. Support

For technical assistance, spare parts, or any inquiries regarding your Kolice KDD-18 Gelato Display Freezer, please visit the official Kolice store or contact their customer support.

Official Kolice Store: Kolice Store on Amazon

10. Product Video

Your browser does not support the video tag.

Video: Overview of the Kolice ice cream freezer showcase, demonstrating its features and design. This video is provided by Kolice.

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