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> [Kratos Refrigeration 69K-890HC Commercial Premium Reach-in Freezer, Two Door - User Manual](#)

Kratos 69K-890HC

Kratos Refrigeration 69K-890HC Commercial Premium Reach-in Freezer

User Instruction Manual

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before operating this appliance to ensure safe and efficient use. Retain this manual for future reference.

1.1 General Safety Precautions

- This appliance is intended for commercial use only.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

1.2 Electrical Safety

- Ensure the power supply matches the voltage requirements specified on the appliance's rating label.
- This appliance must be properly grounded to reduce the risk of electrical shock.
- Do not use extension cords or ungrounded (two-prong) adapters.
- Always unplug the appliance before cleaning or performing any maintenance.

2. PRODUCT OVERVIEW

The Kratos 69K-890HC is a commercial premium reach-in freezer designed for reliable and efficient frozen storage in professional kitchens and food service establishments. It features a durable stainless steel construction and an automatic defrost system.

2.1 Key Features

- Two-door design for ample storage capacity.

- Durable stainless steel exterior and interior.
- Automatic defrost for hassle-free maintenance.
- Digital temperature controls for precise temperature management.
- Six heavy-duty, adjustable shelves.
- Equipped with casters for easy mobility.
- UL certified for safety and quality standards.

2.2 Components



Figure 2.1: Front view of the Kratos 69K-890HC Commercial Reach-in Freezer.

This image displays the full front view of the Kratos 69K-890HC commercial reach-in freezer, highlighting its two stainless steel doors and bottom grille.



Figure 2.2: Interior view with doors open.

This image shows the interior of the freezer with both doors wide open, revealing the spacious compartments and the six wire shelves designed for organized storage.

- **Doors:** Two solid stainless steel doors with recessed handles.
- **Control Panel:** Located above the doors, featuring a digital temperature display and power switch.
- **Shelves:** Six heavy-duty, adjustable wire shelves for flexible storage.
- **Casters:** Heavy-duty casters for easy movement and positioning.
- **Condenser Unit:** Located at the bottom, behind the front grille.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your freezer.

3.1 Unpacking

1. Carefully remove all packaging materials, including tape and protective film.
2. Inspect the freezer for any shipping damage. Report any damage to the carrier immediately.
3. Remove any internal packing materials and accessories.

3.2 Placement

- Place the freezer on a strong, level surface capable of supporting its weight when fully loaded.
- Ensure adequate air circulation around the unit. Maintain a minimum clearance of 6 inches (15 cm) from walls and other obstructions on all sides (back, top, and sides) to allow for proper ventilation of the condenser unit.

- Avoid placing the freezer near heat-generating appliances (e.g., ovens, fryers) or in direct sunlight, as this can affect cooling efficiency and increase energy consumption.
- The ambient temperature should not exceed 90°F (32°C).



Figure 3.1: Rear view of the freezer, showing ventilation area.

This image displays the rear of the Kratos 69K-890HC freezer, illustrating the area where proper ventilation is essential for the condenser unit's operation.

3.3 Electrical Connection

- Before plugging in, allow the freezer to stand upright for at least 2-4 hours to allow the refrigerant to settle.
- Connect the freezer to a dedicated, grounded electrical outlet. Do not share the outlet with other appliances.
- Verify that the power supply (voltage and frequency) matches the specifications on the appliance's rating label.

3.4 Initial Cleaning

- Before first use, clean the interior and exterior of the freezer with a mild detergent and warm water. Rinse thoroughly and dry completely.
- Install the shelves into the desired positions.

4. OPERATING INSTRUCTIONS

Follow these steps to operate your Kratos 69K-890HC freezer.

4.1 Powering On/Off

1. Plug the freezer into the dedicated electrical outlet.
2. Locate the power switch on the control panel. Flip the switch to the 'ON' position. The digital display should illuminate.
3. To turn off the unit, flip the power switch to the 'OFF' position and then unplug the unit from the wall outlet.



Figure 4.1: Digital Temperature Control and Power Switch.

This image provides a close-up view of the digital temperature control panel and the adjacent power switch, indicating how to interact with the freezer's settings.

4.2 Setting Temperature

- The digital control panel allows for precise temperature adjustments. Refer to the specific instructions provided with the digital controller for detailed programming.
- Typically, you will press a 'SET' button, use arrow keys to adjust the desired temperature, and then press 'SET' again to confirm.
- Allow the freezer several hours to reach the set temperature before loading products.

4.3 Loading Products

- Distribute products evenly on the shelves. Do not overload shelves beyond their weight capacity.
- Ensure there is adequate space between products for proper air circulation. Blocking air vents can impair cooling performance.
- Avoid placing hot food directly into the freezer, as this can raise the internal temperature and strain the refrigeration system.

4.4 Door Usage

- Ensure doors are closed completely after each use to maintain internal temperature and energy efficiency.
- Avoid leaving doors open for extended periods.

5. MAINTENANCE

Regular maintenance will help ensure the long-term performance and efficiency of your freezer.

5.1 Cleaning the Interior and Exterior

- **Frequency:** Clean the interior and exterior weekly or as needed.
- **Procedure:** Unplug the unit. Use a mild detergent and warm water solution. Wipe down all surfaces with a soft cloth. Rinse with clean water and dry thoroughly. Do not use abrasive cleaners, steel wool, or harsh chemicals.

5.2 Cleaning the Condenser Coil

- **Frequency:** Clean the condenser coil every 1-3 months, depending on the operating environment. A dirty coil reduces efficiency and can lead to compressor failure.
- **Procedure:** Unplug the unit. Remove the front grille. Use a stiff brush or vacuum cleaner with a brush attachment to remove dust and debris from the condenser fins. Be careful not to bend the fins. Replace the grille.

5.3 Automatic Defrost

- This freezer features an automatic defrost system, which periodically melts away frost buildup on the evaporator coil.
- During defrost cycles, the internal temperature may temporarily rise slightly. This is normal.
- Ensure the drain pan is clear and the drain line is not obstructed to allow defrost water to evaporate properly.



Figure 5.1: Automatic Defrost Feature.

This graphic highlights the automatic defrost feature of the freezer, indicating that manual defrosting is not required.

5.4 Door Gasket Inspection

- **Frequency:** Inspect door gaskets monthly for cracks, tears, or signs of wear.
- **Procedure:** Clean gaskets with warm, soapy water. Ensure they form a tight seal when the doors are closed. Worn gaskets can lead to air leaks, increased energy consumption, and frost buildup. Replace damaged gaskets promptly.

6. TROUBLESHOOTING

Before calling for service, check the following common issues and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Freezer not operating	No power supply Power switch off Circuit breaker tripped	Check power cord connection Turn power switch on Reset circuit breaker
Temperature too high	Dirty condenser coil Doors not closing properly Excessive door openings Overloaded with product Unit placed near heat source	Clean condenser coil Check door gaskets and hinges Minimize door openings Rearrange product for air circulation Relocate unit if possible
Excessive noise	Loose parts Unit not level Fan motor issue	Check for loose components Adjust leveling feet/casters Contact qualified service technician
Water on floor	Clogged drain line Defrost pan overflowing	Clear drain line Ensure proper drainage

If the problem persists after attempting these solutions, please contact a qualified service technician.

7. SPECIFICATIONS

Detailed specifications for the Kratos 69K-890HC Commercial Premium Reach-in Freezer:

Specification	Detail
Brand	Kratos
Model Name	69K-890HC Commercial Premium
Defrost Type	Automatic
Number of Shelves	6
Certification	UL
UPC	845035026461
ASIN	B092MVTZ6C

8. WARRANTY AND SUPPORT

This Kratos Refrigeration 69K-890HC Commercial Premium Reach-in Freezer comes with a **3-Year Warranty**. For warranty claims, technical assistance, or service inquiries, please contact Kratos customer support. Refer to your purchase documentation for specific contact details or visit the official Kratos website.

