MAXX Cold MXX-23FHC

Maxx Cold MXX-23FHC Commercial Reach-in Freezer User Manual

Model: MXX-23FHC | Brand: MAXX Cold

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Maxx Cold MXX-23FHC Commercial Reach-in Freezer. Please read this manual thoroughly before installation and use, and retain it for future reference.

The Maxx Cold Single Door Economy Reach-In Freezer offers 23 cubic feet of storage with optimal temperature control. It features a field-reversible door with a heavy-duty recessed handle and door lock, three adjustable shelves, and one fixed half shelf for organized storage. Its front-breathing, bottom-mounted condensing unit and energy-efficient refrigeration system ensure rapid temperature recovery. Constructed with a white painted steel exterior and sanitary white painted aluminum interior, it is easy to clean and maintain. Thick, environmentally friendly urethane foam insulation ensures optimal temperature and low energy costs. This freezer includes a digital control system, LED temperature display, automatic defrost, and door frame heaters. An integrated condensate evaporator eliminates the need for a drain line connection, making it ideal for storing ingredients or prepared foods.



Figure 1.1: Front view of the Maxx Cold MXX-23FHC Commercial Reach-in Freezer.

2. Key Features

- **Single Door Design:** Features one field-reversible door with a heavy-duty recessed handle and door lock for secure and flexible access.
- **Durable Construction:** Built with a white painted steel exterior and a painted aluminum interior for longevity and ease of cleaning.
- **Adjustable Storage:** Includes three adjustable shelves and one fixed half shelf to accommodate various storage needs.
- **Generous Capacity:** Offers a nominal storage capacity of 23 cubic feet.
- **Easy Maneuverability:** Equipped with 2.5-inch diameter swivel casters for convenient relocation.
- **Digital Controls:** Integrated digital control system with LED temperature display for precise temperature management.
- **Automatic Defrost:** Convenient automatic defrost system minimizes ice buildup and maintenance.
- **No Drain Line Needed:** Features an integrated condensate evaporator, eliminating the need for external drainage.



Figure 2.1: Interior view of the freezer, showcasing the adjustable shelves and storage capacity.

3. Setup and Installation

3.1 Unpacking

Carefully remove all packaging materials. Inspect the freezer for any shipping damage. Report any damage immediately to the carrier and your supplier. Do not discard packaging until the unit has been tested and is operating correctly.

3.2 Placement

Choose a location that is level, well-ventilated, and away from direct sunlight or heat sources (e.g., ovens, radiators). Ensure there is adequate clearance around the unit for proper air circulation, especially at the front where the condensing unit is located. Maintain at least 4 inches of clearance from walls and other equipment.

3.3 Leveling

The freezer is equipped with swivel casters for mobility. For stable operation, ensure the unit is level. Use a spirit level and adjust

the casters if necessary to prevent the door from swinging open or closing improperly.

3.4 Electrical Connection

Connect the freezer to a dedicated electrical outlet with the correct voltage and amperage as specified on the product label. Do not use extension cords or adapter plugs. Ensure the electrical supply is properly grounded.

3.5 Initial Cleaning

Before first use, clean the interior and exterior surfaces with a mild detergent and warm water. Rinse thoroughly and dry completely. Allow the unit to stand for at least 2 hours after moving before plugging it in to allow refrigerants to settle.

4. Operating Instructions

4.1 Powering On and Initial Cool Down

Once plugged in, the freezer will begin to cool. Allow the unit to run empty for several hours (e.g., 4-6 hours) to reach its set operating temperature before loading with products.

4.2 Digital Temperature Control

The freezer is equipped with a digital control system and LED temperature display located on the top panel. Refer to the specific controller manual (if provided separately) for detailed programming instructions. Generally, the display shows the current internal temperature. Buttons are typically available to adjust the set point, initiate manual defrost, or view various parameters.



Figure 4.1: Digital temperature control panel with LED display.

4.3 Loading the Freezer

Distribute products evenly on the shelves. Do not block the air vents inside the freezer, as this can impede air circulation and affect cooling efficiency. Avoid overloading the shelves beyond their weight capacity.

4.4 Door Operation

Ensure the door closes completely after each use to maintain internal temperature and energy efficiency. The door is field-reversible, meaning its hinge can be changed from right to left (or vice-versa) if needed for your specific layout. Consult a qualified technician for door reversal procedures.

5. Maintenance

5.1 Regular Cleaning

Interior: Clean the interior regularly with a mild, non-abrasive detergent and warm water. Rinse with clean water and dry

thoroughly. Remove shelves for easier cleaning. Do not use harsh chemicals, abrasive cleaners, or sharp objects that could damage surfaces.

Exterior: Wipe down the exterior with a soft cloth and mild detergent. For stainless steel parts (if applicable), use a specialized stainless steel cleaner to maintain its finish.

Door Gaskets: Inspect and clean door gaskets regularly. Ensure they are free of food debris and remain pliable to maintain a tight seal. A damaged or dirty gasket can lead to temperature fluctuations and increased energy consumption.

5.2 Automatic Defrost

This unit features an automatic defrost system, which minimizes manual defrosting. However, it is still important to periodically check for excessive ice buildup, especially if the door is frequently opened or the ambient humidity is high. If significant ice accumulates, a manual defrost cycle may be necessary (refer to your digital controller manual).

5.3 Condenser Coil Cleaning

The condenser coil, located at the bottom of the unit, should be cleaned periodically (e.g., every 3-6 months) to ensure optimal performance and energy efficiency. Disconnect power before cleaning. Use a stiff brush or vacuum cleaner to remove dust, dirt, and lint from the fins. A dirty condenser coil can lead to reduced cooling capacity and increased energy consumption.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Freezer not cooling	No power to the unit Thermostat set too high Door not closing properly Condenser coil dirty Excessive product loading	Check power supply, circuit breaker Adjust thermostat to a lower setting Check door seal, clear obstructions Clean condenser coil (see Maintenance) Reduce product load, ensure air circulation
Excessive noise	Unit not level Loose components Fan motor issue	Level the unit using casters Check for loose screws or parts Contact qualified service technician
Door not sealing	Gasket dirty or damaged Unit not level Door hinges misaligned	Clean or replace gasket Level the unit Adjust hinges (professional service recommended)

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

7. Specifications

Attribute	Detail
Model Number	MXX-23FHC
Brand	MAXX Cold
Product Dimensions (D x W x H)	29"D x 30.38"W x 78"H
Nominal Storage Capacity	23 Cu.Ft.

Attribute	Detail
Color	White (Exterior), White Painted Aluminum (Interior)
Door Material Type	Painted Steel
Shelves	3 Adjustable, 1 Fixed Half Shelf
Defrost System	Automatic
Condensate Evaporator	Integrated (No drain line needed)
Casters	2.5" diameter swivel casters
Country of Origin	China



Figure 7.1: Product dimensions of the Maxx Cold MXX-23FHC freezer.

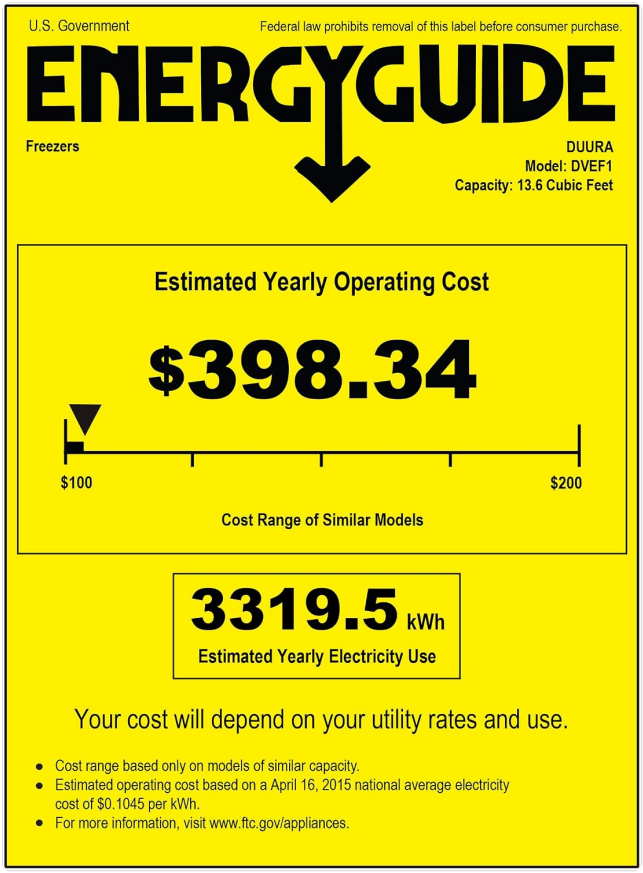


Figure 7.2: Example Energy Guide label, illustrating estimated yearly operating cost and electricity usage for similar models.

8. Warranty and Support

8.1 Limited Warranty

MAXX Cold products typically come with a limited warranty covering defects in materials and workmanship. The specific terms and duration of the warranty may vary. Please refer to the warranty card included with your product or visit the official MAXX Cold website for detailed warranty information.

8.2 Customer Support

For technical assistance, parts, or service inquiries, please contact MAXX Cold customer support. Have your model number (MXX-23FHC) and serial number ready when contacting support.
You can find more information and contact details on the official MAXX Cold Brand Store on Amazon or their official website.

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