MAXX Cold MCR-23FDHC

MAXX Cold MCR-23FDHC Single Door Reach-In Refrigerator

User Manual

Model: MCR-23FDHC

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your MAXX Cold MCR-23FDHC Single Door Reach-In Refrigerator. Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage to the unit or injury to personnel.

The MAXX Cold MCR-23FDHC is a commercial-grade, Energy Star rated single door reach-in refrigerator designed for food service environments. It features a stainless steel interior and exterior, 23 cubic feet of storage capacity, and a digitally controlled temperature system.

2. Safety Information

Always follow basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury.

- Ensure the refrigerator is connected to a properly grounded electrical outlet.
- 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.
- Only qualified service personnel should perform repairs.

3. Setup and Installation

3.1 Unpacking

Carefully remove all packaging materials, including tape and protective film. Inspect the unit for any shipping damage. Report any damage immediately to the carrier and your supplier.

3.2 Placement

Place the refrigerator on a strong, level surface capable of supporting the unit's weight when fully loaded. Ensure adequate air circulation around the unit. Maintain a minimum of 4 inches (10 cm) clearance from walls and other equipment for proper ventilation.



Image: Front view of the MAXX Cold MCR-23FDHC refrigerator, showing its stainless steel exterior and bottom-mounted compressor section with casters.

3.3 Electrical Connection

Before connecting the unit, ensure the power supply matches the requirements specified on the unit's data plate. The refrigerator requires a dedicated 120V / 60Hz / 1PH electrical circuit with a NEMA 5-15P plug. Do not use extension cords or adapter plugs.

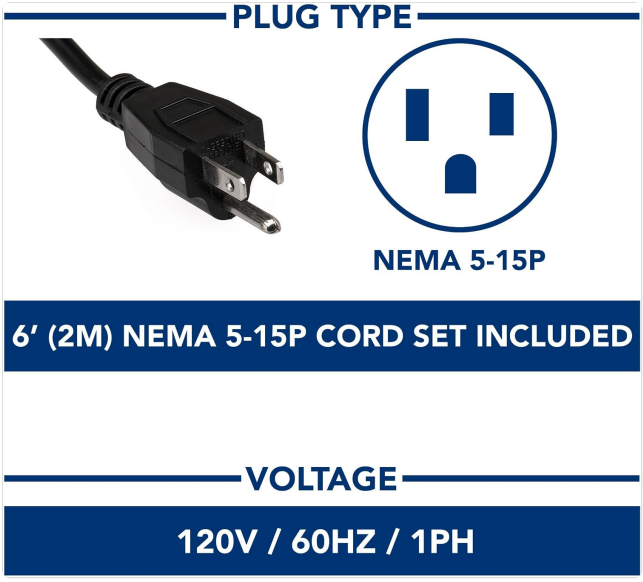


Image: Diagram showing the NEMA 5-15P plug type and indicating the unit operates on 120V / 60Hz / 1PH power. A 6-foot (2M) NEMA 5-15P cord set is included.

3.4 Initial Cleaning

Before loading food products, clean the interior of the refrigerator with a mild soap and water solution. Rinse thoroughly and dry completely.

4. Operating Instructions

4.1 Temperature Control

The unit is equipped with a digital temperature control system. The digital display, visible from outside the cabinet, shows the current internal temperature. The optimal operating temperature range for this unit is 33°F to 41°F (1°C to 5°C).

4.2 Loading and Shelving

The refrigerator comes with three heavy-duty, adjustable, PE coated wire shelves. These shelves are designed to hold full-size sheet pans. Distribute products evenly on the shelves to ensure proper air circulation and consistent cooling.



Image: Interior view of the refrigerator showing the three adjustable wire shelves.



Image: The refrigerator with its single door open, revealing the spacious stainless steel interior and wire shelves.

4.3 Automatic Defrost

This unit features an automatic defrost function, eliminating the need for manual defrosting. During the defrost cycle, the evaporator coil is warmed to melt any accumulated ice. The melted water is then evaporated by an integrated condensate evaporator, meaning no drain line connection is needed.

4.4 Open-Door Alert

The refrigerator is equipped with an open-door alert that will beep if the door is left open for five minutes, helping to maintain internal temperature and energy efficiency.

5. Maintenance

5.1 Cleaning the Interior

Regularly clean the interior surfaces and shelves with a mild, non-abrasive cleaner and warm water. Rinse with clean water and dry thoroughly to prevent odors and maintain hygiene.

5.2 Cleaning the Exterior

Wipe down the stainless steel exterior with a soft cloth and a stainless steel cleaner or mild detergent. Avoid abrasive cleaners or scouring pads that can scratch the surface.

5.3 Condenser Coil Cleaning

The condenser coil, located at the bottom of the unit, should be cleaned regularly (at least every 3 months) to ensure efficient operation. Disconnect power before cleaning. Use a stiff brush or vacuum cleaner to remove dust and debris from the coil fins.

5.4 Door Gasket Maintenance

Inspect door gaskets regularly for cracks or tears. Clean gaskets with warm water and mild soap. A tight seal is crucial for energy efficiency and proper temperature maintenance.

6. Troubleshooting

Before contacting service, review the following common issues and their potential solutions:

Problem	Possible Cause	Solution
Refrigerator not cooling	Power supply issue; thermostat set too high; condenser coil dirty; door left open.	Check power connection; adjust thermostat; clean condenser coil; ensure door is closed.
Excessive noise	Unit not level; fan motor issue; loose components.	Level the unit; contact service if fan noise persists; check for loose parts.
Door not sealing properly	Gasket dirty or damaged; unit not level.	Clean or replace gasket; level the unit.
Water on floor	Condensate pan overflow (rare for this model); door left open.	Ensure door is closed; check for obstructions if water persists.

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

7. Specifications

Feature	Detail
Brand	MAXX Cold
Model	MCR-23FDHC
Capacity	23 Cubic Feet (651 L)
Temperature Range	33°F to 41°F (1°C to 5°C)
Shelves	3, heavy-duty, adjustable, PE coated wire
Exterior Material	Stainless Steel
Interior Material	Stainless Steel
Insulation	CFC-free polyurethane foam
Defrost System	Automatic
Electrical Requirements	120V / 60Hz / 1PH

Feature	Detail
Plug Type	NEMA 5-15P
Mobility	5" diameter swivel caster wheels
Special Features	Energy Star Rated, Integrated LED lighting, Lock and key set, Open-door alert, Field reversible door (single door model)

8. Warranty and Support

For warranty information and technical support, please refer to the official MAXX Cold website or contact your authorized dealer. Keep your purchase receipt and model number readily available for any warranty claims or service requests.

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Example: How do I reset this device or fix this error?

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