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Migali C-3FB-HC

Migali C-3FB-HC 3-Door Commercial Reach-In Freezer

Model: C-3FB-HC | Brand: Migali

INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation, installation, and maintenance of your Migali C-3FB-HC 3-Door Commercial Reach-In Freezer. Please read this manual thoroughly before operating the unit to ensure proper use and to prevent damage or injury. Keep this manual for future reference.



Figure 1: Front view of the Migali C-3FB-HC 3-Door Commercial Reach-In Freezer. This large stainless steel unit features three full-height doors with recessed handles and a louvered bottom panel for ventilation. The Migali logo is visible on the top left, and a digital display is on the top right.

SAFETY INFORMATION

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

- Ensure the unit is properly grounded.

- Do not operate the unit with a damaged power cord or plug.
- 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.
- Only qualified service personnel should perform repairs.
- Unplug the unit before cleaning or performing any maintenance.

SETUP AND INSTALLATION

1. Unpacking and Inspection

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 materials until the unit has been inspected and is confirmed to be in good working order.

2. Location Requirements

- Place the unit on a strong, level surface capable of supporting its weight (606 pounds empty).
- Ensure adequate air circulation around the unit. Maintain at least 6 inches of clearance from walls and other equipment for proper ventilation of the condenser.
- Avoid direct sunlight or proximity to heat-generating equipment (ovens, fryers) to ensure optimal performance and energy efficiency.
- The unit is equipped with casters for mobility; ensure they are locked once the desired position is achieved.

3. Electrical Connection

The Migali C-3FB-HC operates on **120 Volts**. Connect the unit to a dedicated electrical circuit with the correct voltage and amperage. Do not use extension cords or adapter plugs. Ensure the electrical outlet is properly grounded.

4. Initial Cleaning

Before first use, clean the interior and exterior surfaces with a mild soap and warm water solution. Rinse thoroughly and dry completely. Do not use abrasive cleaners or scouring pads.

5. Shelf Installation

The unit comes standard with 9 adjustable shelves. Install the shelves at desired heights using the provided shelf clips. Ensure shelves are securely seated before loading products.

OPERATING INSTRUCTIONS

1. Powering On

After installation and allowing the unit to sit upright for at least 2 hours (to allow compressor oils to settle), plug the unit into the dedicated electrical outlet. The digital controller will illuminate, and the compressor will begin operation.

2. Temperature Control

The Migali C-3FB-HC features a digital controller for precise temperature management. The factory preset temperature range is **-10°F to 0°F**. Refer to the digital controller's specific manual (if provided separately) for detailed instructions on adjusting temperature settings. Allow the unit to reach the desired temperature before loading products.

3. Loading the Freezer

The interior capacity is **72 cubic feet**. Distribute products evenly on the shelves. Do not block the internal air vents, as this

can impede airflow and affect cooling efficiency. Avoid overloading the unit, which can strain the refrigeration system.

4. Door Operation

Ensure doors close completely after each use to maintain internal temperature and energy efficiency. The unit features recessed door handles for ergonomic access.

MAINTENANCE

1. Regular Cleaning

- **Interior:** Clean the interior regularly with a mild, non-abrasive cleaner and warm water. Rinse and dry thoroughly. Remove shelves for easier cleaning.
- **Exterior:** Wipe down the stainless steel exterior with a soft cloth and a stainless steel cleaner or mild soap solution. Avoid abrasive cleaners that can scratch the surface.
- **Door Gaskets:** Inspect and clean door gaskets weekly. Ensure they are free of food debris and remain pliable for a tight seal. Replace worn or damaged gaskets promptly.

2. Condenser Coil Cleaning

The condenser coil, located at the bottom of the unit behind the louvered panel, should be cleaned every 30 days or as needed. Dust and debris on the coil reduce efficiency and can lead to compressor failure. Use a stiff brush or vacuum cleaner to remove accumulated dirt. *Always unplug the unit before cleaning the condenser coil.*

3. Defrosting

This unit features an automatic defrost system. However, if excessive ice buildup occurs, manually defrost the unit by emptying contents, unplugging the unit, and leaving doors open until ice melts. Clean and dry the interior before restarting.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit not cooling	Power supply issue; thermostat set too high; condenser coil dirty; excessive door openings.	Check power plug and circuit breaker; adjust thermostat; clean condenser coil; ensure doors are closed properly.
Excessive noise	Unit not level; fan motor issue; loose components.	Level the unit; contact service technician if fan or components are faulty.
Ice buildup inside	Door gasket not sealing; frequent door openings; high humidity environment.	Inspect and clean/replace door gaskets; reduce door openings; ensure proper ventilation in the room.
Unit runs constantly	Dirty condenser coil; poor ventilation; door left ajar; overloaded.	Clean condenser coil; ensure proper clearance; close doors fully; do not overload.

For issues not listed or if solutions do not resolve the problem, contact a qualified service technician.

SPECIFICATIONS

Model: C-3FB-HC

Brand: Migali

Type: Commercial Reach-In Freezer

Doors: 3

Exterior Dimensions (W x D x H): 81.9" x 31.5" x 83.2"

Cubic Feet: 72 cu/ft

Temperature Range: -10°F – 0°F

Shelves: 9 adjustable shelves standard

Item Weight: 606 pounds

Voltage: 120 Volts

Installation Type: Freestanding

Door Material Type: Stainless Steel

Material: Stainless Steel (exterior and interior)

WARRANTY AND SUPPORT

The Migali C-3FB-HC is covered by the Migali Industries Protection Plan:

- **1 Year Parts & Labor Warranty**
- **5 Years Compressor Warranty**

For warranty claims, technical support, or service inquiries, please contact Migali customer service. Refer to your purchase documentation for specific contact details or visit the official Migali website.

