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› Migali C-2R-HC Two Door Reach-In Refrigerator User Manual

Migali C-2R-HC

Migali C-2R-HC Two Door Reach-In Refrigerator User Manual

Model: C-2R-HC | Brand: Migali

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your Migali C-2R-HC Two Door Reach-In Refrigerator. Please read this manual thoroughly before operating the unit and retain it for future reference.

The Migali C-2R-HC is a commercial-grade reach-in refrigerator designed for robust performance. Key features include:

- Beautiful ergonomic construction with rounded corners.
- Robust forced air refrigeration for rapid cooling and temperature stability.
- High-quality polished stainless steel exterior and interior.
- Digital temperature controller and read-out for precise temperature management.
- Pre-installed wheels for convenient installation and mobility.

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U.S. DEPARTMENT OF
ENERGY



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Image 1.1: Front view of the Migali C-2R-HC Two Door Reach-In Refrigerator, showcasing its stainless steel finish and dual doors.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury and damage to the unit.

- **Electrical Safety:** Ensure the unit is connected to a grounded 115 Volt electrical outlet. Do not use extension cords.
- **Ventilation:** Maintain adequate clearance around the unit for proper airflow to the condenser. Blocked airflow can lead to overheating and reduced efficiency.
- **Flammable Materials:** Do not store flammable or explosive substances inside the refrigerator.
- **Cleaning:** Disconnect power before cleaning or performing any maintenance.
- **Authorized Service:** Only qualified service personnel should perform repairs.



Precision Cooling. Elegant Design. Unmatched Performance.

Experience superior refrigeration with Migali.
Built for chefs, crafted for excellence.



Image 2.1: The Migali C-2R-HC refrigerator displaying ETL Electrical, ETL Sanitation, and Energy Star certifications, indicating compliance with safety and energy efficiency standards.

3. UNPACKING AND SETUP

3.1 Unpacking

1. Carefully remove all packaging materials. Inspect the unit for any shipping damage. Report any damage immediately to the carrier and your supplier.
2. Remove all protective films and tapes from the surfaces.
3. Ensure all included components, such as the 6 shelves, are present.

3.2 Placement

- Place the refrigerator on a strong, level surface capable of supporting its weight (approximately 405 pounds).
- The unit ships with wheels preinstalled for easy positioning. Ensure the wheels are locked once the unit is in its final location.
- Allow at least 6 inches of clearance from walls and other objects on the back and sides for proper ventilation. Avoid placing the unit near heat sources or in direct sunlight.



Product Dimensions
51.7" W x 33.2" D x 83.8" H

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Image 3.1: Rear view of the Migali C-2R-HC Refrigerator, highlighting the importance of maintaining adequate clearance for condenser ventilation.

3.3 Electrical Connection

- Before plugging in, allow the unit to stand upright for at least 2 hours to allow compressor oils to settle.
- Connect the refrigerator to a dedicated 115 Volt, 60 Hz, single-phase grounded electrical outlet. Refer to the unit's data plate for specific amperage requirements.
- Do not use adapter plugs or extension cords.

4. OPERATING INSTRUCTIONS

4.1 Initial Start-up and Temperature Setting

1. Plug in the unit. The digital temperature display will illuminate.
2. The refrigerator is equipped with a digital temperature controller. The current internal temperature will be displayed.
3. To adjust the set temperature, consult the specific instructions for the digital controller model installed on your unit. Generally, a button (often "SET") is pressed, and then arrow keys are used to adjust the desired temperature.
4. Allow the unit to run for several hours (at least 4-6 hours) empty to reach its set temperature before loading with products.



Stainless Steel Interior	Aluminium Interior
	
	
Corrosion resistant Durability 10+ Years	Prone to dents and corrosion Durability 3 Years

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Image 4.1: Close-up of the digital temperature controller on the Migali C-2R-HC, showing the display and control buttons for temperature adjustment.

4.2 Auto Defrost System

The Migali C-2R-HC features an automatic defrost system. This system periodically melts away any frost buildup on the evaporator coil, ensuring optimal cooling performance without manual intervention. Defrost water is evaporated automatically.

4.3 Door Locks

The unit is equipped with door locks for security. Use the provided keys to lock and unlock the doors as needed.



Image 4.2: Detail of a door lock mechanism on the Migali C-2R-HC, providing security for stored contents.

4.4 Loading the Refrigerator

- Distribute products evenly on the shelves. Do not overload shelves.
- Avoid blocking the internal air circulation vents to ensure consistent cooling throughout the cabinet.
- Keep doors closed as much as possible to maintain internal temperature and energy efficiency.



Image 4.3: Interior view of the Migali C-2R-HC, showing the adjustable wire shelves for organized storage.

5. MAINTENANCE

5.1 Cleaning the Interior

1. Disconnect the unit from the power supply.
2. Remove all food items and shelves.
3. Wash the interior surfaces with a mild detergent and warm water. Rinse thoroughly with clean water and dry with a soft cloth.
4. Clean shelves with warm, soapy water.
5. Do not use abrasive cleaners, steel wool, or harsh chemicals, as these can damage the stainless steel finish.

5.2 Cleaning the Exterior

Wipe the exterior stainless steel surfaces with a clean cloth and a mild stainless steel cleaner. Polish with a soft, dry cloth to maintain its luster.

5.3 Condenser Coil Cleaning

The condenser coil should be cleaned regularly (every 1-3 months, depending on environment) to ensure efficient operation. A dirty condenser coil can lead to increased energy consumption and potential compressor failure.

1. Disconnect the unit from the power supply.
2. Locate the condenser coil (typically at the bottom rear or top of the unit).
3. Use a stiff brush or vacuum cleaner with a brush attachment to remove dust and debris from the coil fins.
4. Reconnect power after cleaning.

5.4 Door Gasket Maintenance

Inspect door gaskets regularly for cracks or tears. Clean gaskets with warm, soapy water to ensure a proper seal. A damaged or dirty gasket can lead to air leaks and inefficient cooling.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged Circuit breaker tripped Temperature set too high Dirty condenser coil Door left open or gasket leaking	Check power connection Reset circuit breaker Adjust temperature setting Clean condenser coil (see Section 5.3) Ensure doors are closed and gaskets are clean/undamaged
Unit runs constantly	Dirty condenser coil Excessive door openings High ambient temperature Overloaded with warm products	Clean condenser coil Minimize door openings Ensure proper ventilation Allow unit to recover after loading
Excessive noise	Unit not level Loose components Fan motor issue	Level the unit Check for loose parts (contact service if unsure) Contact service

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

7. SPECIFICATIONS

Technical specifications for the Migali C-2R-HC Two Door Reach-In Refrigerator:

Feature	Detail
Model Name	C-2R-HC
Product Dimensions (D x W x H)	31.5"D x 51.75"W x 81.25"H
Capacity	43.2 Cubic Feet (Refrigerator Net Capacity: 44.1 Cubic Feet)
Color	Stainless Steel
Installation Type	Freestanding
Number of Doors	2
Defrost System	Auto Cycle Defrost
Voltage	115 Volts
Shelf Type	Wire
Number Of Shelves	6
Adjustable Temperature Control	Yes
Power Source	Corded Electric
Item Weight	405 Pounds
Refrigerant	R290 (Hydrocarbon)
Certifications	ETL Electrical, ETL Sanitation, Energy Star

R290 Refrigerant benefits

1.High Energy Efficiency

R290 has excellent thermodynamic properties, resulting in lower energy consumption and operating costs compared to traditional refrigerants (like R134a or R404A).

2.Compliance & Future-Proofing

As many synthetic refrigerants are being phased out due to environmental regulations, R290 ensures compliance and long-term sustainability.

3.Environmentally Friendly

With an extremely low Global Warming Potential (GWP of only 3) and zero Ozone Depletion Potential (ODP), R290 is one of the most eco-friendly refrigerants available.

4.Superior Cooling Performance

R290 delivers strong, reliable cooling capacity with quick pull-down times, making it ideal for commercial kitchens, supermarkets, and foodservice environments.

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R290

R290 Refrigerant benefits

Image 7.1: Diagram illustrating the product dimensions (Width, Depth, Height) of the Migali C-2R-HC refrigerator.

Elevate Your Kitchen



Image 7.2: Infographic detailing the benefits of R290 refrigerant, including high energy efficiency, compliance, environmental friendliness, and superior cooling performance.

8. WARRANTY INFORMATION

The Migali C-2R-HC Refrigerator comes with the following warranty:

- **Commercial Use:** 2-year parts and labor warranty, 5-year compressor warranty.
- **Residential Use:** 2-year parts warranty, 5-year compressor warranty (labor not included).

Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the official Migali warranty documentation or contact customer support.

A tall, stainless steel double-door refrigerator with black handles and a control panel at the top. It is set against a background of rolling blue hills.

Certified For Your Safety

- ✓ Certifications ETL Electrical, ETL Sanitation (conforms to ANSI/NSF 7 for foodservice)
- ✓ Check out our Energy Star Items and ask us if your state qualifies for instant rebates for additional savings.

The ETL Intertek logo and the Energy Star logo are displayed at the bottom of the section.

Image 8.1: Visual representation of Migali's warranty coverage, highlighting the 5-year compressor and 2-year parts & labor warranties.

9. CUSTOMER SUPPORT

For technical assistance, parts, or warranty inquiries, please contact Migali customer support. Have your model

number (C-2R-HC) and serial number ready when you call.

You can also visit the official Migali website for additional resources and contact information.

Your browser does not support the video tag.

Video 9.1: An official Migali video titled "Migali Reach-In Refrigerators & Freezers | Built for Commercial Kitchens," providing an overview of Migali's commercial refrigeration products and their features.