

Atosa MCF8705GR

Atosa MCF8705GR 27-inch Reach-in Upright Glass Merchandiser Display Refrigerator User Manual

Model: MCF8705GR

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your Atosa MCF8705GR 27-inch Reach-in Upright Glass Merchandiser Display Refrigerator. Please read this manual thoroughly before operating the appliance and retain it for future reference. Proper use and maintenance will ensure optimal performance and longevity of your unit.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury, follow these basic precautions:

- Read all instructions before using the appliance.
- Do not remove the grounding prong from the power cord.
- Ensure the unit is connected to a dedicated, properly grounded electrical outlet.
- Do not use extension cords or adapter plugs with 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 authorized service personnel should service the unit.
- Dispose of the appliance according to local regulations for flammable refrigerants.

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. Keep packaging materials until the unit has been inspected.

3.2 Placement

- Place the refrigerator on a strong, level surface capable of supporting its weight when fully loaded.
- Ensure adequate ventilation around the unit. Maintain a minimum of 6 inches (15 cm) clearance from walls or other obstructions to allow for proper airflow to the condenser.
- Avoid placing the unit near heat-generating appliances (e.g., ovens, fryers) or in direct sunlight, as this can reduce cooling efficiency and increase energy consumption.
- The unit is equipped with 4-inch casters for mobility. Ensure the casters are locked once the unit is in its final position to prevent accidental movement.

3.3 Electrical Connection

Before connecting the unit, ensure the electrical supply matches the specifications on the unit's data plate.

- **Voltage:** 115V / 60Hz / 1-Phase
- **Amperage:** 2.1 Amps
- **Plug Type:** NEMA 5-15P
- Connect the unit to a dedicated, properly grounded electrical circuit. Do not use extension cords or multi-outlet adapters.

3.4 Initial Cleaning and Shelf Installation

Before first use, clean the interior and exterior of the unit with a mild soap and water solution. Rinse thoroughly and dry. Install the four adjustable shelves as desired, ensuring they are securely seated.





Image 1: Front view of the Atosa MCF8705GR glass merchandiser refrigerator. This image shows the full height of the unit with its single glass door, LED lighting, and the bottom-mounted compressor grille.

4. OPERATING INSTRUCTIONS

4.1 Powering On

After connecting the unit to power, the digital temperature controller will illuminate. The unit will begin cooling automatically. Allow the refrigerator to operate for several hours empty to reach the desired temperature before loading products.

4.2 Digital Temperature Control

The unit features a digital temperature control system. The factory preset temperature range is 33°F to 38°F (0.5°C to

3.3°C). Refer to the separate controller manual (if provided) for detailed instructions on adjusting temperature settings and other parameters. Avoid frequent or drastic temperature changes.

4.3 Loading Products

Distribute products evenly on the four adjustable shelves. Do not block the internal air vents, as this can impede airflow and affect cooling performance. Ensure products do not extend beyond the edge of the shelves, which could obstruct the door from closing properly.





Image 2: The Atosa MCF8705GR refrigerator with its glass door open, revealing the interior with LED lighting and various beverages displayed on the adjustable shelves. This view highlights the spacious interior and product visibility.

4.4 Door Operation

The unit is equipped with a self-closing hinged glass door and a lock for security. Ensure the door closes completely after each use to maintain internal temperature and energy efficiency. The recessed door handle design allows for easy opening and closing.





Image 3: An angled view of the Atosa MCF8705GR refrigerator, showcasing its stainless steel exterior and the clear glass door. The interior is illuminated by LED lights, displaying various products on the shelves.

5. MAINTENANCE

WARNING: Disconnect power to the unit before performing any cleaning or maintenance.

5.1 Regular Cleaning

- **Interior:** Clean the interior regularly with a mild soap and water solution. Rinse with clean water and dry thoroughly to prevent odors and maintain hygiene. Remove shelves for easier cleaning.
- **Exterior:** Wipe down the stainless steel exterior with a soft cloth and a non-abrasive cleaner designed for stainless steel. Avoid harsh chemicals or abrasive pads that can scratch the surface.
- **Glass Door:** Use a glass cleaner to keep the door clear for optimal product visibility.

5.2 Defrosting

This unit features an air defrost system. However, if excessive ice buildup occurs, manual defrosting may be necessary. To manually defrost:

1. Remove all products from the refrigerator.
2. Turn off the unit and unplug it from the power outlet.
3. Leave the door open to allow ice to melt naturally. Do not use sharp objects to remove ice.
4. Once defrosted, clean and dry the interior thoroughly before restarting the unit.

5.3 Magnetic Door Gaskets

Regularly inspect and clean the magnetic door gaskets. Ensure they are free of food debris and remain flexible. A clean, intact gasket ensures an energy-efficient seal, preventing cold air loss. If gaskets are damaged or stiff, they should be replaced by a qualified technician.

5.4 Condenser Coil Cleaning

The bottom-mount compressor unit requires regular cleaning of the condenser coil. Dust and debris on the coil can reduce cooling efficiency and increase energy consumption. Clean the condenser coil every 30-60 days using a stiff brush or vacuum cleaner. Access to the coil is typically through the front grille at the bottom of the unit.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit not cooling	- Power cord unplugged - Circuit breaker tripped - Temperature set too high - Condenser coil dirty - Door not closing properly	- Check power connection - Reset circuit breaker - Adjust temperature setting - Clean condenser coil - Check door gasket and hinges
Excessive noise	- Unit not level - Loose components - Fan obstruction	- Level the unit - Inspect for loose parts - Check for fan obstruction
Door not sealing	- Gasket dirty or damaged - Door hinges misaligned - Products obstructing closure	- Clean or replace gasket - Adjust door hinges - Rearrange products
LED lights not working	- Light switch off - LED strip failure	- Check light switch - Contact service for replacement

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

7. SPECIFICATIONS

Feature	Detail
Model	MCF8705GR
Capacity	19.1 Cubic Feet

Feature	Detail
Dimensions (W x D x H)	27" x 31.7" x 83.1"
Temperature Range	33°F to 38°F (0.5°C to 3.3°C)
Refrigerant	R290 Hydrocarbon
Compressor	Bottom-mount, 1/7 HP
Electrical	115V / 60Hz / 1-Phase, 2.1 Amps, NEMA 5-15P
Shelves	4 Adjustable
Door Type	1 Self-closing Hinged Glass Door with Lock
Material	Stainless Steel Interior & Exterior, Galvanized Steel Back
Special Features	LED Interior Lighting, Automatic Evaporation, Air Defrost, 4" Casters, ENERGY STAR® Certified
Item Weight	314 pounds

8. WARRANTY INFORMATION

Specific warranty terms and conditions for the Atosa MCF8705GR refrigerator are provided by the manufacturer or the authorized seller at the time of purchase. Please refer to your purchase documentation or contact your seller for detailed warranty coverage, duration, and claim procedures. Keep your proof of purchase for warranty purposes.

9. CUSTOMER SUPPORT

For technical assistance, parts, or service inquiries regarding your Atosa MCF8705GR refrigerator, please contact your authorized dealer or the Atosa customer service department. Have your model number (MCF8705GR) and serial number ready when contacting support.

You may also visit the official Atosa website for additional resources and contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question