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HarmoHaby SC-380FA

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Model: SC-380FA

1. INTRODUCTION

Thank you for choosing the HarmoHaby Commercial Beverage Refrigerator Model SC-380FA. This 11.3 cubic feet (320L) glass door merchandiser is designed for commercial use in environments such as supermarkets, cafes, and stores. It features LED lighting, adjustable shelving, and an energy-efficient cooling system to maintain optimal beverage temperatures. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your refrigerator.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the appliance to prevent injury or damage. Keep this manual for future reference.

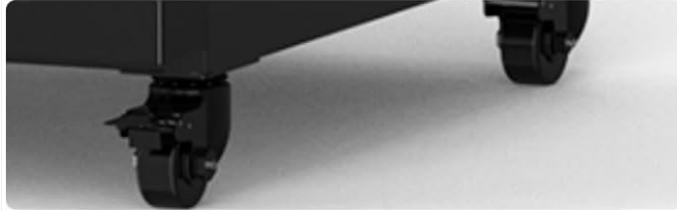
- Ensure the refrigerator is connected to a properly grounded 115V/60Hz power outlet.
- Do not operate the appliance with a damaged power cord or plug.
- Keep ventilation openings clear of obstructions.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the refrigerator before cleaning or performing any maintenance.
- This appliance is heavy; use caution and proper lifting techniques during movement and installation.

3. PRODUCT COMPONENTS AND FEATURES

The HarmoHaby SC-380FA is equipped with the following key components and features:

- **LED Lightbox:** Integrated at the top for illuminated product display.
- **Glass Door:** Provides clear visibility of contents.
- **Adjustable Chrome Shelves:** Four pre-installed shelves with 18 K-clips for flexible product arrangement.
- **Digital Temperature Display and Control:** For precise temperature management.

- **Evaporator Fan:** Commercial-grade fan for consistent cooling.
- **Automatic Defrost System:** Reduces ice buildup and maintenance.
- **Caster Wheels with Brakes:** For easy positioning and secure placement.



**ADJUSTABLE SHELF RACKS
LED DISPLAY
CASTER WHEELS
CIRCULATING FAN**



Image: Overview of the HarmoHaby SC-380FA Commercial Beverage Refrigerator, highlighting its dimensions (74.8 inches height, 24.25 inches width, 21.65 inches depth) and the location of the control panel and castor wheels.

Adjustable shelves

Convenient for placing goods of different sizes



Image: Detail of the adjustable shelves within the refrigerator, illustrating how they can be repositioned to accommodate items of various sizes.

4. SETUP AND INSTALLATION

4.1 Unpacking

1. Carefully remove all packaging materials. Inspect the refrigerator for any shipping damage. Report any damage immediately to your supplier.
2. Remove all internal packing, including tape and protective films.

4.2 Placement

- Place the refrigerator on a firm, level surface capable of supporting its weight (approximately 165.3 lbs when empty, plus contents).
- Ensure adequate ventilation around the unit. Maintain a minimum clearance of 4 inches (10 cm) from walls or other objects on the sides and rear, and 12 inches (30 cm) above the unit for proper airflow.
- Avoid direct sunlight or proximity to heat sources (e.g., ovens, radiators) to ensure efficient operation.
- The unit is equipped with caster wheels for easy movement. Once in the desired position, engage the brakes on the

caster wheels to secure the unit.

4.3 Electrical Connection

- Before plugging in, allow the refrigerator to stand upright for at least 2-4 hours to allow the refrigerant to settle.
- Connect the appliance to a dedicated, grounded 115V/60Hz electrical outlet. Do not use extension cords or adapter plugs.

4.4 Initial Cleaning

- Before first use, clean the interior and exterior surfaces with a mild detergent and warm water. Rinse thoroughly and dry.

5. OPERATING INSTRUCTIONS

5.1 Powering On and Initial Cooling

1. After connecting to power, the unit will automatically start cooling.
2. Allow the refrigerator to operate empty for several hours (e.g., 2-4 hours) to reach its set temperature before loading products.

5.2 Temperature Control

- The digital control panel allows you to set and monitor the internal temperature. Refer to the control panel diagram (see Section 3) for specific button functions.
- The recommended operating temperature range for beverages is 34-38°F (1-3°C). Adjust the temperature as needed using the control panel.

5.3 Loading Products

- Distribute products evenly on the shelves to ensure proper airflow and consistent cooling.
- Avoid blocking the internal air vents.
- Do not overload the shelves beyond their weight capacity.

5.4 LED Lighting

- The LED lightbox can be controlled via a switch on the control panel. Turn it on for enhanced product visibility.





Image: The HarmoHaby SC-380FA refrigerator, showcasing its full glass door and internal LED lighting, filled with various beverages for display.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your refrigerator.

6.1 Cleaning

- **Interior:** Clean the interior regularly with a mild, non-abrasive detergent and warm water. Wipe dry with a soft cloth. Remove shelves for easier cleaning.
- **Exterior:** Wipe down the exterior surfaces with a damp cloth. For stubborn stains, use a mild cleaner.
- **Condenser Coils:** Periodically clean the condenser coils (located at the bottom rear of the unit) with a brush or vacuum cleaner to remove dust and debris. This improves efficiency and prevents overheating. **Always unplug the unit before cleaning the coils.**
- **Door Gasket:** Clean the door gasket regularly to ensure a tight seal.

6.2 Automatic Defrost

- The SC-380FA features an automatic defrost system, eliminating the need for manual defrosting. Water from defrosting is evaporated automatically.

6.3 Door Seal Inspection

- Regularly inspect the door gasket for cracks or damage. A compromised seal can lead to inefficient cooling and increased energy consumption.

7. TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|--------------------------|---|--|
| Refrigerator not cooling | No power; thermostat set too high; door not closed properly; condenser coils dirty. | Check power connection; adjust thermostat; ensure door is sealed; clean condenser coils. |
| Excessive noise | Unit not level; objects vibrating against the unit; fan obstruction. | Level the unit; remove vibrating objects; check for fan obstructions. |
| LED light not working | Light switch off; LED bulb failure. | Check light switch; contact support for bulb replacement. |
| Water on floor | Drain pan overflow; clogged drain line. | Check and clear drain line; ensure drain pan is correctly positioned. |

8. SPECIFICATIONS

Detailed technical specifications for the HarmoHaby Commercial Beverage Refrigerator Model SC-380FA:

| Feature | Specification |
|--------------------------------|---|
| Brand | HarmoHaby |
| Model | SC-380FA |
| Capacity | 11.3 Cubic Feet (320L) |
| Item Weight | 165.3 Pounds |
| Product Dimensions (D x W x H) | 21.7 x 24.3 x 74.8 inches (550 x 616 x 1900 mm) |
| Annual Energy Consumption | 260 Watts |
| Voltage | 115 Volts |
| Installation Type | Freestanding |
| Color | Black |
| Special Feature | Automatic Defrost |
| Defrost System | Automatic |
| Door Hinges | Left |
| Door Material Type | Glass |
| Number of Shelves | 4 |
| Number of Doors | 1 |



Image: A comparison table detailing specifications such as net volume, rated power, net weight, and dimensions for HarmoHaby models SC-380FA, SC-380FB, and SC-760FC.

9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact HarmoHaby customer service. Refer to your purchase documentation for contact details.

Included Components: 1 x Commercial Refrigerator, 1 x User Manual

Video: A general customer experience video from Iron Mountain Refrigeration & Equipment LLC, demonstrating their commitment to

customer support for commercial refrigeration products. While not specific to the HarmoHaby brand, it illustrates the type of support available for similar equipment.