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PEAKCOLD IM13MR

PEAKCOLD 1-Door Display Refrigerator (Model IM13MR) Instruction Manual

Model: IM13MR

1. Introduction

This manual provides detailed instructions for the PEAKCOLD 1-Door Display Refrigerator, Model IM13MR. This commercial-grade merchandiser refrigerator is designed for efficient cooling and attractive display of beverages and other products. Please read this manual thoroughly before installation, operation, or maintenance to ensure safe and optimal performance.





Image 1.1: Front view of the PEAKCOLD 1-Door Display Refrigerator, Model IM13MR, showcasing its glass door and internal shelving.

2. Safety Information

Always adhere to the following safety precautions to prevent injury or damage to the unit:

- **Electrical Safety:** Ensure the unit is connected to a grounded 110V outlet. Do not use extension cords. Disconnect power before cleaning or servicing.
- **Placement:** Place the refrigerator on a stable, level surface. Maintain adequate clearance around the unit for proper ventilation (at least 4 inches from walls).
- **Flammable Materials:** Do not store flammable or explosive substances inside the refrigerator.
- **Refrigerant:** This unit uses R290 refrigerant. Servicing should only be performed by qualified personnel.
- **Children:** Keep children away from the unit, especially during operation and maintenance.

3. Unpacking and Setup

3.1 Unpacking

1. Carefully remove all packaging materials, including tape and protective films.
2. Inspect the unit for any shipping damage. Report any damage to the carrier immediately.
3. Retain packaging materials for future transport or warranty claims.

3.2 Placement

- Position the refrigerator in a well-ventilated area, away from direct sunlight or heat sources.
- Ensure the floor is strong enough to support the unit's weight (approximately 203 lbs empty).
- Level the unit using the adjustable feet or by ensuring casters are locked on a flat surface. The unit comes with 4 casters that add 5 inches to its height.



Image 3.1: Illustration of the refrigerator's dimensions (25.6" W x 22.8" D x 79.4" H, plus 5" with casters) and recommended retail placement.

3.3 Initial Cleaning

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

3.4 Power Connection

After placement and cleaning, wait at least 2 hours before plugging the unit into a dedicated 110V, 60Hz, 15A grounded electrical outlet. This allows refrigerants and oils to settle.

3.5 Shelf Installation

The refrigerator includes 4 adjustable wire shelves. Install them at desired heights to accommodate your products. Ensure shelves are securely seated before loading.



Image 3.2: Close-up view of the adjustable wire shelves and their support brackets inside the refrigerator.

4. Operating Instructions

4.1 Powering On/Off

Locate the red power switch on the front panel of the unit. Flip the switch to the 'ON' position to power on the refrigerator. Flip to 'OFF' to power down.

4.2 LED Lighting

The internal white LED lighting can be controlled independently using the green light switch on the front panel. Turn it 'ON' to illuminate the interior and 'OFF' when not needed.



Image 4.1: Red power switch and green light switch located on the front panel for easy control.

4.3 Temperature Control

The refrigerator features a digital control screen for precise temperature management. The temperature can be set between 34°F and 50°F (1°C to 10°C). The system maintains a temperature differential of 6 degrees.

1. **Viewing Current Temperature:** The display typically shows the current internal temperature.
2. **Setting Temperature:** Press the 'SET' button. The display will flash the current set point. Use the 'Up' and 'Down' arrows to adjust the desired temperature. Press 'SET' again to confirm.



Image 4.2: Digital control panel for setting and monitoring the refrigerator's temperature.

4.4 Automatic Defrost

The unit is equipped with an automatic defrost system. This feature periodically melts frost buildup on the evaporator coil, ensuring efficient cooling without manual intervention. Defrost water is evaporated automatically.

4.5 Self-Closing Door

The glass door is designed to be self-closing, which helps maintain internal temperature and energy efficiency. Ensure the door closes completely after each use.

5. Maintenance

Regular maintenance ensures the longevity and efficiency of your PEAKCOLD refrigerator.

5.1 Cleaning the Interior

- Disconnect power before cleaning.
- Remove all products and shelves.
- Clean the interior with a mild, non-abrasive detergent and warm water.
- Rinse with clean water and dry thoroughly to prevent odors and mildew.
- Clean the glass door with a glass cleaner.

5.2 Cleaning the Exterior

- Wipe down the exterior surfaces with a soft cloth and mild detergent.
- Avoid abrasive cleaners that can scratch the finish.

5.3 Condenser Coil Cleaning

The condenser coil, located at the bottom rear of the unit, should be cleaned regularly (every 1-3 months) to maintain efficiency. Dust and debris buildup can restrict airflow and reduce cooling performance.

- Disconnect power to the unit.
- Use a brush or vacuum cleaner with a soft attachment to gently remove dust and lint from the coil fins.
- Ensure not to bend the fins.

5.4 Door Gasket Inspection

Regularly inspect the door gasket for cracks, tears, or signs of wear. A damaged gasket can lead to air leaks, increased energy consumption, and poor cooling. Replace if necessary.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Refrigerator not cooling	No power; thermostat set too high; condenser coil dirty; door not sealing properly.	Check power connection and outlet; adjust thermostat; clean condenser coil; inspect and adjust door gasket.
Excessive noise	Unit not level; fan obstruction; loose components.	Level the unit; check for obstructions around fan blades; tighten any loose parts.
Interior light not working	Light switch off; LED bulb failure.	Turn on light switch; contact support for bulb replacement.
Water on floor	Drain line clogged; excessive humidity.	Clear drain line; ensure door is closed properly and room humidity is not excessive.

7. Specifications

Key technical specifications for the PEAKCOLD 1-Door Display Refrigerator, Model IM13MR:

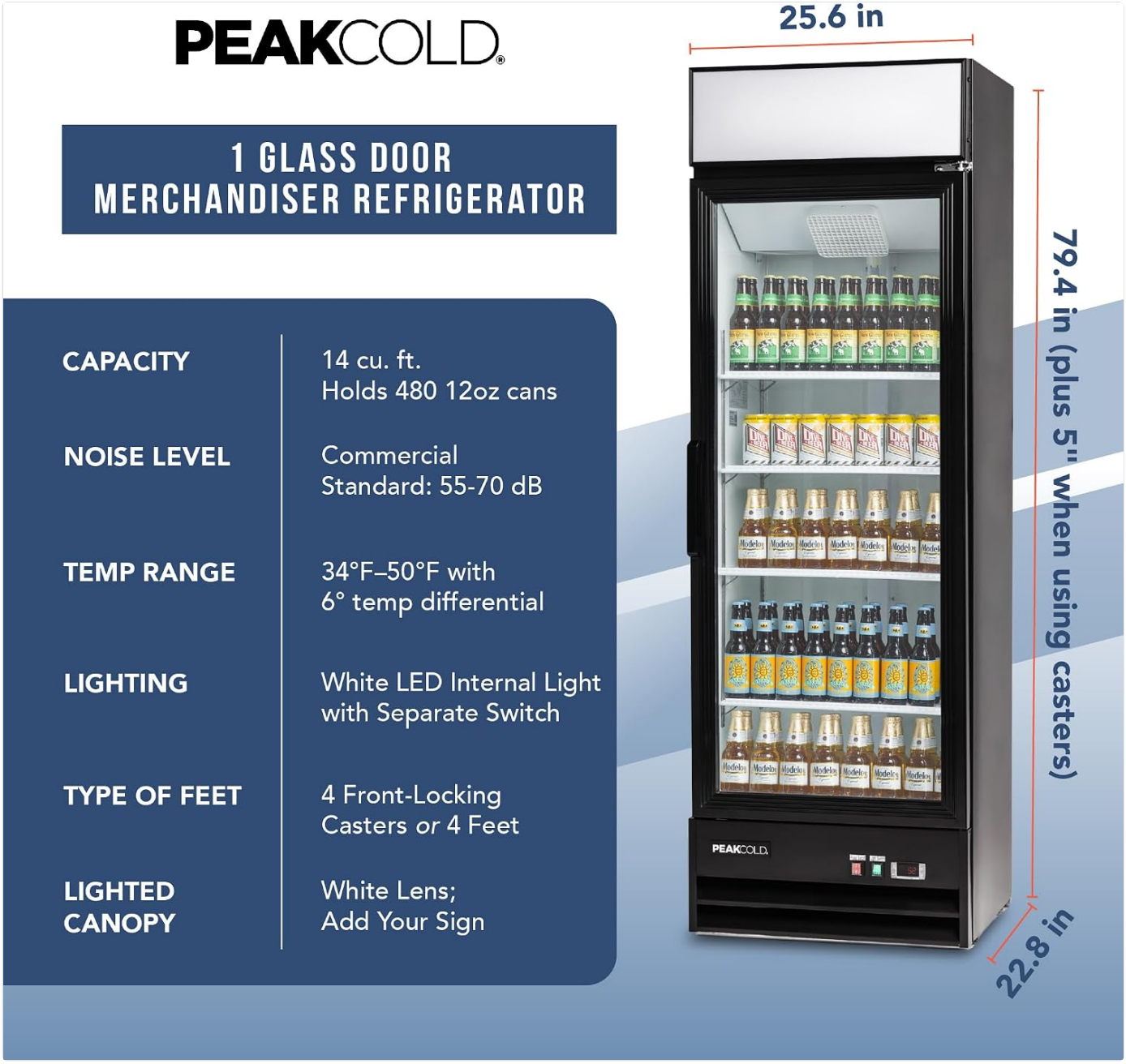

Image 7.1: Visual summary of key specifications including capacity, noise level, temperature range, and lighting.

Feature	Detail
Brand	PEAKCOLD
Model Info	IM13MR
Capacity	14 Cubic Feet (holds up to 480 12oz cans)
Dimensions (W x D x H)	25.6" x 22.8" x 79.4" (add 5" for casters)
Item Weight	203 Pounds
Voltage	110 Volts
Annual Energy Consumption	729 Kilowatt Hours Per Year
Temperature Range	34°F - 50°F (1°C - 10°C) with 6° differential

Feature	Detail
Noise Level	55-70 dB
Refrigerant	R290
Defrost System	Automatic
Shelves	4, Adjustable Wire
Door Type	1 Swing Door, Low-E Glass, Self-Closing
Special Features	Adjustable Shelves, Automatic Defrost, Digital Temperature Control, Door Lock, LED Lights
Certifications	ETL Approved, DOE Compliant, Conforms to NSF Std7

8. Warranty and Support

PEAKCOLD products are backed by comprehensive warranties and dedicated customer service.

8.1 Warranty Information

This merchandiser refrigerator includes a manufacturer's warranty. For specific details regarding coverage duration and terms, please refer to the warranty card included with your product or contact PEAKCOLD customer service. Warranty support is handled in-house by a US-based team.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact PEAKCOLD customer service. Our English-speaking US-based support team is available to assist you with parts support and troubleshooting.

- **Contact Information:** Refer to your product documentation or the official PEAKCOLD website for current contact details (phone, email).
- **Before Calling:** Have your model number (IM13MR) and purchase date ready to expedite service.

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