



Manuals.plus /

› PEAKCOLD /

› PEAKCOLD PLUS Upright Commercial Glass Door Display Cooler & Refrigerator Instruction Manual

## PEAKCOLD P-IM21MR2-W

# PEAKCOLD PLUS Upright Commercial Glass Door Display Cooler & Refrigerator

Model: P-IM21MR2-W

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your PEAKCOLD PLUS Upright Commercial Glass Door Display Cooler & Refrigerator. Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage to the unit or injury to personnel. Keep this manual for future reference.

## SAFETY INFORMATION

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Always adhere to the following safety precautions to reduce the risk of fire, electric shock, or injury.

- Ensure the unit is connected to a properly grounded electrical outlet.
- Do not operate the unit 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.
- Only qualified service personnel should perform repairs.
- Disconnect power before cleaning or performing maintenance.

## SETUP

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### Unpacking

Carefully remove all packaging materials. Inspect the unit for any shipping damage. Report any damage to the carrier immediately. Retain packaging materials for potential future shipping.

## Placement

Place the cooler on a strong, level surface capable of supporting its weight when fully loaded. Ensure adequate air circulation around the unit. Maintain a minimum of 4 inches (10 cm) clearance from walls and other objects for proper ventilation. Avoid direct sunlight or heat sources.



Image: The PEAKCOLD PLUS Upright Commercial Glass Door Display Cooler & Refrigerator, showcasing its two glass doors and black exterior. The cooler is filled with various beverages, demonstrating its display capabilities.

# PEAKCOLD

— PLUS + —  
**2-DOOR DISPLAY COOLER**

P-IM21MR2-W



Image: A detailed view of the PEAKCOLD PLUS 2-Door Display Cooler, highlighting key features such as adjustable shelves, LED lighting, and a separate light switch. Certifications like NSF and Energy Star are also shown.

## Initial Cleaning

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

## Power Connection

Connect the unit to a dedicated 110 Volt, properly grounded electrical outlet. Do not use extension cords or adapter plugs.

## Dimensions

The unit measures approximately 24.25 inches deep, 39.5 inches wide, and 58 inches high. Ensure sufficient space for installation and door opening.



Image: A diagram illustrating the dimensions of the PEAKCOLD PLUS Commercial Display Cooler, showing its height (58"), width (39.5"), and depth (24.25").

## OPERATING INSTRUCTIONS

### Initial Startup

After connecting to power, allow the unit to run for at least 2-4 hours empty to reach its stable operating temperature before loading products.

### Temperature Control

The cooler is equipped with an adjustable thermostat to control the internal temperature. Refer to the control panel for specific temperature settings. The recommended operating temperature for most beverages and packaged foods is between 34°F and 40°F (1°C and 4°C).



Image: A close-up view of a thermometer inside the PEAKCOLD PLUS cooler, indicating a temperature of approximately 36°F (2°C), which is within the optimal range for refrigeration.

### **Loading the Cooler**

Distribute products evenly on the shelves. Do not block the internal air vents, as this can impede proper air circulation and cooling efficiency. The cooler features 8 adjustable shelves to accommodate various product sizes.

### **LED Lighting**

The unit features energy-efficient LED lighting to enhance product visibility. The lighting can be controlled via a separate switch, typically located near the control panel.



Image: A close-up of the bright LED lights illuminating the interior of the PEAKCOLD PLUS display cooler, showcasing their effectiveness in highlighting products.

## MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your display cooler.

### Cleaning the Interior and Exterior

Clean the interior and exterior surfaces regularly with a mild detergent and warm water. For glass doors, use a non-abrasive glass cleaner. Avoid using harsh chemicals or abrasive cleaning tools that could damage the surfaces.



Image: The interior of the PEAKCOLD PLUS display cooler with both glass doors open, revealing the empty white interior and multiple wire shelves ready for product loading.



Image: A closer view of the adjustable wire shelves inside the PEAKCOLD PLUS cooler, showing their design and how they can be configured.



Image: A detailed perspective of the adjustable shelving system within the PEAKCOLD PLUS cooler, highlighting the sturdy construction and flexibility for product arrangement.

## **Condenser Coil Cleaning**

The condenser coils should be cleaned every 3-6 months, or more frequently in dusty environments. Dirty coils reduce efficiency and can lead to compressor failure. Disconnect power before cleaning. Use a stiff brush or vacuum cleaner to remove dust and debris from the coils located at the bottom rear of the unit.



Image: A view of the condenser fan located inside the PEAKCOLD PLUS cooler, with a caution label visible, indicating the presence of moving parts and hot surfaces.

## Automatic Defrost

This unit features an automatic defrost system, minimizing the need for manual defrosting. During the defrost cycle, ice buildup on the evaporator coils is melted and drained. Ensure the drain pan is clear and not overflowing.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Unit not cooling	No power; thermostat set too high; dirty condenser coils; blocked airflow.	Check power supply; adjust thermostat; clean condenser coils; ensure proper loading.
Excessive noise	Unit not level; fan motor issue; loose components.	Level the unit; contact service if fan or components are faulty.
Water on floor	Clogged drain line; overflowing drain pan.	Clear drain line; empty drain pan.
Doors not closing properly	Gaskets dirty or damaged; unit not level; obstructions.	Clean or replace gaskets; level unit; remove obstructions.

## SPECIFICATIONS

- **Brand:** PEAKCOLD
- **Model:** P-IM21MR2-W
- **Capacity:** 16.8 Cubic Feet
- **Dimensions (D x W x H):** 24.25 x 39.5 x 58 inches
- **Item Weight:** 254 pounds
- **Voltage:** 110 Volts
- **Number of Doors:** 2 (Glass)
- **Shelves:** 8 (Adjustable)
- **Defrost System:** Automatic
- **Refrigerant:** R290
- **Special Features:** Energy Efficient, Eco Friendly, LED Lights
- **Certifications:** ETL Listed, NSF Certified, DOE Certified, Energy Star Rated
- **Annual Energy Consumption:** 664 Kilowatt Hours Per Year

## WARRANTY AND SUPPORT

Your PEAKCOLD PLUS display cooler comes with a comprehensive warranty:

- **2 Year Parts & Labor Warranty:** Covers both commercial and residential use.
- **5 Year Compressor Part Warranty:** Specific to the compressor component.

For technical support, warranty claims, or to order replacement parts, please contact PEAKCOLD customer service. Refer to your purchase documentation for contact details or visit the official PEAKCOLD website.