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› Kohree 42 Quart Dual Zone Portable Car Refrigerator (Model KR5111-12VPR) Instruction Manual

Kohree KR5111-12VPR

Kohree 42 Quart Dual Zone Portable Car Refrigerator

MODEL: KR5111-12VPR

Introduction

Thank you for choosing the Kohree 42 Quart Dual Zone Portable Car Refrigerator. This appliance is designed to provide reliable cooling and freezing for your food and beverages during travel, camping, RV trips, and other outdoor activities. It features independent temperature control for two zones, allowing for versatile use as a refrigerator or freezer. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

Safety Instructions

- Ensure the power supply voltage matches the specifications of the refrigerator.
- Do not operate the refrigerator if the power cord is damaged or if the unit shows signs of malfunction.
- Keep the refrigerator away from heat sources and direct sunlight to ensure efficient operation.
- Ensure adequate ventilation around the unit. Do not block the ventilation openings.
- Avoid placing liquids directly into the unit without sealed containers to prevent spills and electrical hazards.
- Do not immerse the refrigerator in water or expose it to heavy rain.
- Unplug the unit before cleaning or performing any maintenance.
- This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities unless supervised or instructed.

Package Contents

Verify that all items are present in the package:

- Kohree 42 Quart Dual Zone Portable Car Refrigerator

- DC Power Cable (12/24V)
- AC Power Adapter (100-240V)
- User Manual
- Removable Chopping Board

Product Features

- **Dual Storage Zones:** Features a large 30L (31 Quart) zone and a small 10L (11 Quart) zone for versatile storage.
- **Independent Temperature Control:** Each zone can be set to a different temperature between -4°F (-20°C) and 68°F (20°C).
- **Removable Doors:** Two detachable doors allow for flexible opening directions to suit your needs.
- **User-Friendly Design:** Equipped with non-slip wheels and an adjustable-length handle for easy transport. Operates stably at an inclination angle of up to 40 degrees.
- **Energy Saving & Battery Protection:** Offers three battery protection levels (Low, Medium, High) to prevent vehicle battery drain. Features ECO mode for energy efficiency and MAX mode for rapid cooling.
- **Multi-functional:** Includes a USB charging port for mobile devices, a built-in LED light for visibility in low light, and a convenient removable chopping board.
- **Low Noise Operation:** Designed to operate at approximately 45dB, ensuring minimal disturbance.



Image: The Kohree 42 Quart Dual Zone Portable Car Refrigerator showing its two independent compartments for cooling and freezing.

KOHREE CAR REFRIGERATOR, WIDELY USED IN VARIOUS SCENARIOS



Image: The portable refrigerator featuring its wheels and adjustable handle for easy transportation.

Setup

1. **Unpacking:** Carefully remove the refrigerator from its packaging. Inspect for any shipping damage.
2. **Initial Cleaning:** Before first use, wipe the interior and exterior surfaces with a damp cloth and mild detergent. Dry thoroughly.
3. **Placement:** Place the refrigerator on a stable, level surface. Ensure there is at least 10 cm (4 inches) of space around all sides for proper ventilation. Avoid placing it in direct sunlight or near heat sources.
4. **Power Connection:**
 - **DC Power (12/24V):** Connect the DC power cable to the refrigerator's DC input port and then to your vehicle's 12V or 24V cigarette lighter socket.
 - **AC Power (100-240V):** Connect the AC power adapter to the refrigerator's AC input port, then plug the adapter into a standard wall outlet.
5. **Initial Cooling:** After connecting power, press the power button to turn on the unit. Allow it to cool down for at least 30 minutes before loading food or beverages.



REMOVABLE STORAGE BOX

Image: Illustration of the various power connection options for the refrigerator, including DC and AC.

Operating Instructions

Control Panel Overview



Image: Diagram of the control panel with numbered buttons and indicators.

- **Power Button:** Press to turn the unit ON/OFF.
- **Setting Button (Gear Icon):** Press to cycle through settings like MAX/ECO mode and battery protection levels.
- **Temperature Adjustment Buttons (+/-):** Use to increase or decrease the target temperature for each zone.
- **Zone Selection:** The control panel allows independent temperature setting for the large (L) and small (S) compartments.
- **USB Socket:** Located on the control panel for charging external devices.

Temperature Setting

1. Turn on the refrigerator using the power button.
2. Press the 'L' or 'S' button to select the zone you wish to adjust.
3. Use the '+' or '-' buttons to set your desired temperature. The display will flash while setting and then show the current temperature.

MAX/ECO Mode

Press the Setting button (gear icon) to toggle between MAX (fast cooling) and ECO (energy-saving) modes. MAX mode is recommended for rapid cooling, while ECO mode is suitable for maintaining temperature over longer periods.

Battery Protection Settings

This feature protects your vehicle battery from excessive discharge. Press and hold the Setting button (gear icon) for 3 seconds to enter battery protection settings. Cycle through Low (L), Medium (M), and High (H) settings using the Setting button. Release the button to confirm your selection. High setting offers maximum battery protection, while Low allows for longer operation before cutoff.

Removable Doors

The dual doors can be removed and re-installed to change their opening direction, providing greater flexibility for access in different vehicle setups. Gently lift the door from its hinges to remove, and align the hinges to re-install.



Image: The refrigerator demonstrating the removable and reversible door design.

Using the Chopping Board

The included chopping board can be placed on top of the refrigerator for convenient food preparation during outdoor activities.



Image: A person using the removable chopping board on top of the portable freezer.

Official Product Video

Your browser does not support the video tag.

Video: An overview of the Kohree 12V Car Refrigerator, highlighting its features and functionality.

Maintenance

Cleaning

- Always unplug the refrigerator before cleaning.
- Use a soft cloth dampened with mild detergent and warm water to clean the interior and exterior surfaces.
- Do not use abrasive cleaners, harsh chemicals, or sharp objects, as these can damage the surfaces.
- Ensure all surfaces are dry before reconnecting power.

Defrosting

The refrigerator features an automatic defrost system. If excessive ice buildup occurs, turn off the unit and allow the ice to melt naturally. Use a soft cloth to wipe away melted water. Do not use sharp tools to remove ice.

Storage

When storing the refrigerator for an extended period, ensure it is clean and dry. Leave the lids slightly ajar to prevent odors and mold growth. Store in a dry, well-ventilated area.

Troubleshooting

Problem	Possible Cause	Solution
Refrigerator does not turn on	No power supply; Damaged power cord; Blown fuse in vehicle.	Check power connection; Inspect power cord for damage; Check vehicle fuse.
Not cooling effectively	Temperature setting too high; Blocked ventilation; Excessive contents; Door not sealed properly.	Adjust temperature lower; Ensure clear ventilation; Do not overfill; Check door seal.
Unusual noise	Unit not level; Fan obstruction; Compressor operation.	Place on a level surface; Check for obstructions around fan; Compressor noise is normal during operation.
Display shows error code	Internal malfunction.	Refer to the specific error code in the full manual (if available) or contact customer support.

Specifications

Feature	Detail
Model Name	12 Volt Portable Refrigerator
Model Number	KR5111-12VPR
Capacity	42 Quart (40L total) - Large zone: 30L (31.7 Quarts), Small zone: 10L (11 Quarts)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Power Source	12V/24V DC, 100-240V AC
Cooling Method	Compressor
Refrigerant	R-600A
Noise Level	Approximately 45dB
Product Dimensions (D x W x H)	27.87" x 14.96" x 18.62" (70.8cm x 38cm x 47.3cm)
Number of Doors	2 (Removable)

Feature	Detail
Special Features	Portable, Dual Zone, USB Charging Port, LED Light, Chopping Board, Wheels, Adjustable Handle
Defrost System	Automatic

Warranty and Support

For warranty information, technical support, or service inquiries, please contact Kohree customer service. Refer to the contact details provided with your purchase or visit the official Kohree website for assistance. Please have your model number (KR5111-12VPR) and purchase date available when contacting support.