

## Kohree KR5111-12VPR

# Kohree 42 Quart Dual Zone Car Refrigerator User Manual

Model: KR5111-12VPR | Brand: Kohree

## 1. INTRODUCTION

Thank you for choosing the Kohree 42 Quart Dual Zone Car Refrigerator. This portable electric cooler is designed to keep your food and beverages chilled or frozen during travel, camping, RV trips, and other outdoor activities. Featuring independent dual temperature zones, removable doors, and multiple power options, it offers convenience and versatility. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.



This image displays the Kohree 42 Quart Dual Zone Car Refrigerator, showcasing its spacious interior with both compartments open and filled with a variety of fresh fruits and bottled drinks, highlighting its capacity and dual-zone functionality.

## 2. SAFETY INFORMATION

To prevent injury to yourself and others or damage to your appliance, please observe the following safety instructions:

- Ensure the power voltage matches the specifications of the refrigerator.
- Do not operate the appliance if the power cord is damaged or if the appliance is visibly damaged.
- Keep the ventilation openings clear of obstructions.

- Do not use electrical appliances inside the storage compartments unless they are of the type recommended by the manufacturer.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Avoid touching cold surfaces with bare hands for extended periods, especially at very low temperatures, to prevent frostbite.
- Always disconnect the power supply before cleaning or performing maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

### 3. PACKAGE CONTENTS

Please check that all items are included in the package:

- Kohree 42 Quart Dual Zone Car Refrigerator
- DC Power Cable (12/24V)
- AC Power Adapter (100-240V)
- User Manual
- Removable Cutting Board

### 4. PRODUCT FEATURES

- **Dual Storage Zone:** Equipped with two independent zones (Large zone: 30L/31Quart, Small zone: 10L/11Quart) allowing for separate temperature control and preventing odor transfer.
- **Upgraded Removable Doors:** Two detachable doors can be installed in various configurations to change the opening method, providing convenient access from different directions.
- **User-Friendly Design:** Features non-slip wheels and an adjustable length handle for easy transport. Stable operation even at a 40-degree inclination angle.
- **Energy Saving & Battery Protection:** Offers 3 settable levels of battery protection (Low, Medium, High) to prevent vehicle battery drain. Operates at low power consumption once the set temperature is reached.
- **Multi-functional Design:** Includes a USB charging port for mobile devices, a built-in LED light for visibility in the dark, and a convenient removable chopping board.

# REMOVABLE DOUBLE DOOR DESIGN

Open the door to one area without affecting another, and change the direction of the door for easier access.



This image demonstrates the innovative removable double door design of the Kohree car refrigerator. It shows how the two independent doors can be detached and reinstalled to change their opening direction, providing flexible access to either compartment without disturbing the other.

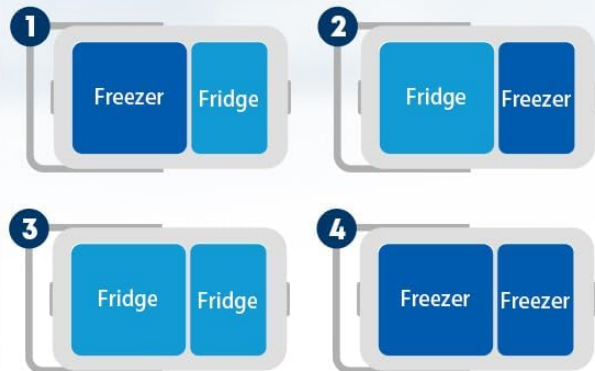


# DUAL ZONE. TEMPERATURE INDEPENDENT CONTROL

The Temperature Of The Two Areas Won't Affect Each Other.



## 4 DIFFERENT OPTIONS



Seafood



Meat



Ice Cream



Beer & Drink



Vegetable



Fruit



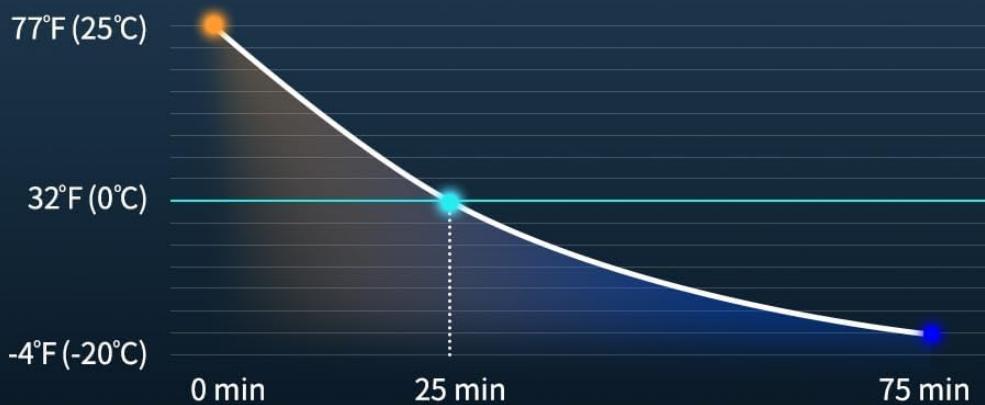
Snacks



Dairy

The image illustrates the dual zone temperature control feature of the Kohree car refrigerator. It highlights that each compartment can be set to a different temperature independently, ranging from -4°F to 68°F, allowing for simultaneous refrigeration and freezing.

# POWERFUL COMPRESSOR FOR FASTER COOLING



With a 25 °C room temperature, cooling efficiency of the empty refrigerator

MODE  
**ECO**  
Energy saving  
MAX 60w/h

MODE  
**MAX**  
Fast cooling  
ECO 1.4KW/DAY

This graphic explains the powerful compressor technology used in the Kohree car refrigerator, emphasizing its ability to achieve rapid cooling. It includes a chart showing the temperature drop from 77°F (25°C) to -4°F (-20°C) in approximately 75 minutes, demonstrating efficient performance.



# LOWER NOISE

# 45dB



Breathing

10dB



Car Refrigerator

45dB



Whispering

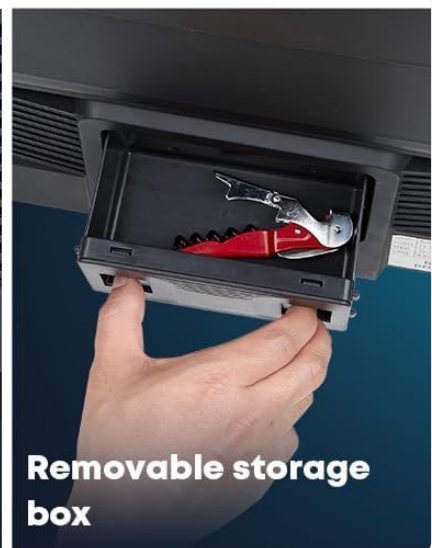
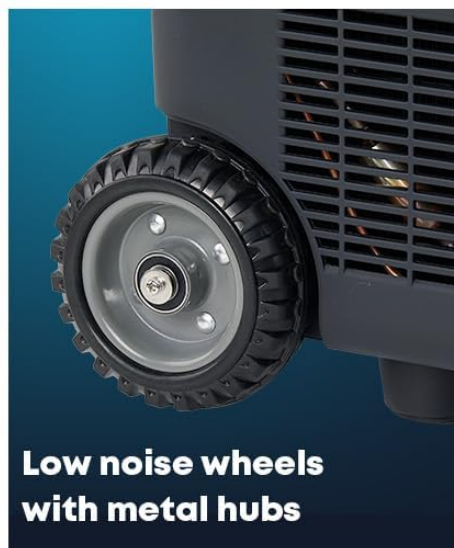
50dB



Car Noise

70dB

This image visually compares the low noise level of the Kohree car refrigerator, rated at 45dB, to common sounds like breathing (10dB), whispering (50dB), and car noise (70dB). It highlights the quiet operation, suitable for use in various environments without significant disturbance.



This composite image details several user-friendly design elements of the Kohree car refrigerator. It shows the integrated USB charging port, the adjustable length handle for easy transport, a convenient removable cutting board on the lid, low-noise wheels with metal hubs, and a hidden removable storage box for small accessories.

## 5. SETUP

### 5.1 Initial Placement



- Place the refrigerator on a flat, stable surface.
- Ensure adequate ventilation around the unit. Leave at least 10 cm (4 inches) of space around all sides for proper airflow.
- Avoid placing the refrigerator in direct sunlight or near heat sources.

## 5.2 Power Connection

The refrigerator can be powered by 12/24V DC or 100-240V AC.

- **DC Power (Vehicle):** Connect the DC power cable to the refrigerator's DC input port and then to your vehicle's cigarette lighter socket.
- **AC Power (Home/Wall Outlet):** Connect the AC power adapter to the refrigerator's AC input port, then plug the adapter into a standard wall outlet.



## THREE WAYS OF POWER SUPPLY ⚡



Vehicle Cigarette Lighter



Wall Socket



External Battery

The image displays the versatile power supply options for the Kohree car refrigerator, including connection via a vehicle cigarette lighter (12/24V DC), a standard wall socket (100-240V AC), and an external portable power station, ensuring usability in diverse settings.

## 5.3 Door Installation (if detached)

The dual doors are removable and can be re-oriented. To install or re-install a door, align the hinges with the corresponding slots on the refrigerator body and firmly press down until they click into place. Ensure the door opens in your desired direction.

## 6. OPERATING INSTRUCTIONS

### 6.1 Control Panel Overview



A detailed view of the control panel on the Kohree car refrigerator, highlighting the buttons and indicators for independent temperature control of the large and small compartments, power on/off, cooling mode selection (MAX/ECO), and the USB charging port.

1. **Setting for Large Compartment:** Adjusts temperature for the large zone.
2. **Setting Button:** Used to enter temperature setting mode or change battery protection mode.
3. **Setting for Small Compartment:** Adjusts temperature for the small zone.
4. **Large Compartment Display:** Shows current/set temperature for the large zone.
5. **Small Compartment Display:** Shows current/set temperature for the small zone.
6. **USB Socket:** For charging external devices.
7. **ON/OFF Button:** Powers the unit on or off.
8. **Cooling Indicator:** Lights up when the compressor is active.
9. **MAX/ECO Mode:** Toggles between maximum cooling and energy-saving modes.

### 6.2 Powering On/Off

Press the **ON/OFF** button to turn the refrigerator on. The display will light up and show the current internal temperatures. Press and hold the **ON/OFF** button again for a few seconds to turn the unit off.

### 6.3 Setting Temperature

The refrigerator has two independent temperature zones. You can set temperatures between -4°F (-20°C) and 68°F (20°C).



- Press the **Setting for Large Compartment** or **Setting for Small Compartment** button to select the desired zone.
- Use the **+** or **-** buttons next to the respective zone's display to adjust the temperature. The display will flash while setting and then return to the current temperature after a few seconds.

## 6.4 Battery Protection Mode

This feature protects your vehicle battery from excessive discharge.

- With the refrigerator powered on, press the **Setting Button** (gear icon) repeatedly to cycle through the battery protection modes: **H** (High), **M** (Medium), **L** (Low).
- **H (High)**: Recommended for vehicle battery protection. The refrigerator will stop operating at a higher voltage to prevent draining the battery.
- **M (Medium)**: A balanced setting.
- **L (Low)**: Allows the refrigerator to operate at a lower voltage, suitable when connected to an external power station or if battery drain is not a concern.

## 6.5 MAX/ECO Mode

Press the **MAX/ECO** button to switch between cooling modes:

- **MAX**: Provides maximum cooling power for rapid temperature reduction.
- **ECO**: Energy-saving mode, ideal for maintaining temperature once reached, consuming less power.

## 6.6 USB Charging Port

The integrated USB port (6) can be used to charge small electronic devices like smartphones when the refrigerator is powered on.

# 7. MAINTENANCE

## 7.1 Cleaning

- Always disconnect the power before cleaning.
- Clean the interior and exterior with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents.
- For thorough cleaning, use the drain plug at the bottom of the compartment to empty any accumulated water.
- Ensure the unit is completely dry before reconnecting power or storing.





This image shows the interior LED light, which illuminates the contents of the refrigerator for easy visibility, and the convenient drain plug located at the bottom of the compartment, designed for easy water drainage during cleaning.

### 7.2 Storage

- When not in use for extended periods, ensure the refrigerator is clean and dry.
- Store it in a dry, well-ventilated area, away from direct sunlight and moisture.
- It is recommended to leave the lids slightly ajar to prevent odors and mold growth.

## 8. TROUBLESHOOTING

If you encounter issues with your Kohree car refrigerator, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Refrigerator not turning on	No power supply; Damaged power cord; Blown fuse in vehicle.	Check power connection; Try a different power outlet/vehicle socket; Inspect and replace fuse if necessary.
Not cooling sufficiently	Ventilation blocked; Temperature setting too high; Too much warm content; Door not closed properly.	Ensure clear ventilation; Lower temperature setting; Allow time for cooling; Close doors firmly.
Display shows error code	Specific internal fault (e.g., sensor error, low voltage).	Refer to specific error code in a more detailed manual (if available) or contact customer support. Try restarting the unit.
Unit is noisy	Unit not level; Fan obstruction; Normal compressor operation.	Place on a level surface; Check for debris near fan; Some noise is normal during cooling cycles.

If the problem persists after trying these solutions, please contact Kohree customer support for further assistance.

9. SPECIFICATIONS

Specification	Value
Model Number	KR5111-12VPR
Capacity	42 Quart (40L total: 30L large zone, 10L small zone)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Power Input	DC 12V/24V, AC 100-240V
Rated Power	60W (MAX mode)
Noise Level	≤45dB
Item Weight	44.7 pounds (approx. 20.28 kg)
Product Dimensions (L x W x H)	27.87 x 14.96 x 18.62 inches (approx. 70.8 x 38 x 47.3 cm)
Number of Doors	2 (Dual Door)
Special Features	Portable, Dual Zone, USB Charging Port, LED Interior Light, Removable Cutting Board, Wheels, Adjustable Handle

# 42 QUART LARGE CAPACITY



**Large Zone    Small Zone**



**60 Cans**  
330ml Cola



**26 Bottles**  
550ml Water



**11 Bottles**  
750ml Wine



This diagram provides a clear overview of the Kohree 42 Quart car refrigerator's capacity and physical dimensions. It specifies the internal measurements of both the large and small zones, along with examples of how many cans, water bottles, or wine bottles can be stored.


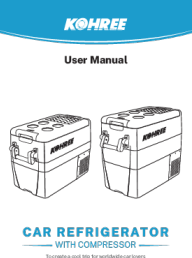



## 10. WARRANTY AND SUPPORT

Kohree products are manufactured to high-quality standards. For warranty information, technical support, or any



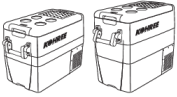
questions regarding your product, please refer to the warranty card included in your package or visit the official Kohree website. You may also contact their customer service directly through the retailer where you purchased the product.

Related Documents - KR5111-12VPR

	<p><a href="#">KOHREE Car Refrigerator User Manual: Features, Operation, and Troubleshooting Guide</a></p> <p>Explore the KOHREE Car Refrigerator user manual for detailed information on its features, operation, safety guidelines, troubleshooting tips, and warranty. Learn how to use your portable dual-zone cooler effectively for travel and home.</p>
	<p><a href="#">KOHREE Car Refrigerator User Manual</a></p> <p>Comprehensive user manual for the KOHREE Car Refrigerator, detailing its features, operation, installation, troubleshooting, and warranty information. Suitable for trucks, RVs, camping, and household use.</p>
	<p><a href="#">KOHREE Car Refrigerator User Manual: Features, Operation, and Troubleshooting</a></p> <p>Comprehensive user manual for the KOHREE Car Refrigerator with Compressor. Learn about its features, installation, operation, temperature settings, battery protection, troubleshooting, and warranty information.</p>
	<p><a href="#">KOHREE HY1704 RV Leveler User Manual and Technical Specifications</a></p> <p>This document provides instructions and technical details for the KOHREE HY1704 RV Leveler, including setup, usage, and FCC compliance information.</p>
	<p><a href="#">KOHREE Car Refrigerator User Manual: Features, Operation, and Troubleshooting Guide</a></p> <p>Explore the KOHREE Car Refrigerator user manual for detailed information on its features, operation, safety guidelines, troubleshooting tips, and warranty. Learn how to use your portable dual-zone cooler effectively for travel and home.</p>

KOHREE

User Manual



CAR REFRIGERATOR  
WITH COMPRESSOR  
Designed and built for mobile and outdoor living

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Comprehensive user manual for the KOHREE Car Refrigerator, detailing its features, operation, installation, troubleshooting, and warranty information. Suitable for trucks, RVs, camping, and household use.