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## BODEGA CR85X

# BODEGACOOLER 12 Volt Refrigerator User Manual

Model: CR85X

## 1. Introduction

Thank you for choosing the BODEGACOOLER 12 Volt Refrigerator. This dual-zone car fridge freezer is designed for portability and efficiency, making it ideal for RVs, trucks, travel, and road trips. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your appliance. Please read it thoroughly before use and retain it for future reference.




Image 1.1: The BODEGACOOLER 83L RV Refrigerator, showcasing its sleek design and the accompanying mobile app interface.

## 2. Safety Instructions

To ensure safe operation and prevent damage, please observe the following safety precautions:

- Ensure the power supply voltage matches the appliance's requirements (12/24V DC, 100-240V AC).
- Do not operate the refrigerator if the power cord is damaged or if the appliance shows signs of malfunction.
- Maintain adequate ventilation around the unit. Do not block air vents.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- Do not immerse the unit in water or expose it to excessive moisture.
- Keep flammable materials away from the appliance.
- Always disconnect power 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. Product Overview & Features

The BODEGACOOLER RV Refrigerator offers versatile cooling and freezing capabilities with user-friendly features.

### 3.1 Key Features

- **Dual Zone Functionality:** Operates as both a refrigerator and a freezer simultaneously, with a freezer area of 8.65L (0.31 cu.ft.) and a refrigeration area of 74.35L (2.63 cu.ft.).
- **Wide Temperature Range:** Adjustable from -4℉ to 46℉ (-20℃ to 8℃).
- **WIFI APP Control:** Monitor and adjust settings remotely via a mobile application.
- **Reversible Door:** The door can be easily reinstalled to open from either the left or the right side.
- **Low Noise Operation:** Operates at less than 45dB, ensuring a quiet environment.
- **Battery Protection:** Features 3 (H/M/L) levels to prevent vehicle battery drain.
- **Two Operating Modes:** MAX (Fast Cooling) and ECO (Energy Saving).
- **User-Friendly Interior:** Includes removable crisper drawer, shelf, bottle holder, egg tray, drain plug, and convenient interior LED light.




Image 3.1: Internal view of the refrigerator, illustrating the distinct freezer and refrigeration areas and their respective capacities.




Image 3.2: Close-up of the refrigerator's interior, highlighting the removable freezer zone, large crisper drawer, removable shelf, removable door bins, and interior LED light.

# 4. Setup

## 4.1 Unpacking and Placement

- Carefully remove the refrigerator from its packaging.
- Inspect the unit for any shipping damage. If damaged, do not operate and contact customer support.
- Place the refrigerator on a firm, level surface. Ensure there is sufficient space around the unit for proper ventilation (at least 10 cm on sides and back).
- Allow the unit to stand upright for at least 6 hours before connecting to power, especially if it was transported horizontally.

## 4.2 Power Connection

The BODEGACOOLER supports both DC and AC power inputs.

- **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 power outlet (e.g., cigarette lighter socket).
- **AC Power (100-240V):** Use the provided AC adapter to connect the refrigerator to a standard household power outlet.

### 4.3 Reversible Door Installation

The refrigerator door can be reversed to open from the left or right. This process involves removing and reinstalling the door and hinges. Refer to the detailed instructions provided in the separate door reversal guide or contact customer support for assistance if needed.




Image 4.1: Illustration of the reversible door feature, showing the refrigerator door opening from both left and right orientations.

## 5. Operating Instructions

### 5.1 Control Panel Overview

The control panel is located on the top of the unit and features several buttons and a digital display.




Image 5.1: Diagram of the control panel, indicating the 'Temp up', 'Temp down', 'Display', 'Setting', and 'ON/OFF' buttons.

- **ON/OFF Button:** Press and hold to turn the unit on or off.
- **Temperature Up (+) / Down (-) Buttons:** Adjust the desired temperature.
- **Setting Button:** Used to cycle through settings such as operating mode (MAX/ECO) and battery protection level (H/M/L).
- **Display:** Shows the current temperature and other status indicators.

## 5.2 Temperature Adjustment

Press the (+) or (-) buttons to set the desired temperature. The display will flash the target temperature and then return to the current internal temperature.

## 5.3 Operating Modes (MAX/ECO)

Press the Setting button to toggle between MAX (fast cooling) and ECO (energy-saving) modes. MAX mode provides quicker cooling, while ECO mode conserves power.

## 5.4 Battery Protection Settings (H/M/L)

To prevent your vehicle's battery from draining, the refrigerator has three battery protection levels: High (H), Medium (M), and Low (L). Press the Setting button repeatedly until the battery protection indicator appears, then use the (+) or (-) buttons to select the desired level. Higher settings offer more protection for your battery.

## 5.5 WIFI APP Control

Download the BODEGACOOLER app from your smartphone's app store. Follow the in-app instructions to pair your device with the refrigerator. The app allows you to:

- Monitor current temperatures.
- Adjust target temperatures for both zones.
- Switch between MAX and ECO modes.
- View battery protection level and input voltage.




Image 5.2: The BODEGACOOLER refrigerator alongside a smartphone displaying the WIFI APP interface, demonstrating remote control capabilities.

## 6. Maintenance

### 6.1 Cleaning

- Always disconnect power before cleaning.
- Clean the interior and exterior with a damp cloth and mild detergent. Avoid abrasive cleaners or solvents.
- Wipe dry thoroughly after cleaning.
- The drain plug at the bottom of the unit can be opened for easy water drainage during cleaning or defrosting.

### 6.2 Defrosting

This unit features a manual defrost system. When a significant layer of ice builds up in the freezer compartment:

- Turn off the refrigerator and disconnect it from power.
- Remove all contents.
- Leave the door open to allow ice to melt naturally. You can place a towel at the bottom to absorb water.
- Do not use sharp objects or heating devices to speed up defrosting, as this can damage the unit.
- Once defrosted, clean and dry the interior before restarting.

### 6.3 Storage

If storing the refrigerator for an extended period, ensure it is clean, dry, and the door is slightly ajar to prevent odors and mold growth.

## 7. Troubleshooting

If you encounter issues with your BODEGACOOLER refrigerator, refer to the table below for common problems and solutions.

| Problem | Possible Cause | Solution |
|---|---|---|
| Unit does not turn on | No power supply; Damaged power cord; Blown fuse. | Check power connection; Inspect power cord; Replace fuse if necessary. |
| Not cooling sufficiently | Temperature setting too high; Poor ventilation; Excessive contents; Door not sealed properly. | Lower temperature setting; Ensure clear vents; Do not overfill; Check door seal. |
| Excessive noise | Unit not level; Objects touching the unit; Fan obstruction. | Place on a level surface; Ensure nothing is touching the sides; Check for fan obstructions. |
| Error code on display | Specific internal malfunction. | Refer to the full troubleshooting guide in the product packaging or contact customer support. |

If the problem persists after attempting these solutions, please contact BODEGA customer support.




Image 7.1: Diagram illustrating the low noise level of the BODEGACOOLER refrigerator compared to other common sounds.

## 8. Specifications

| Specification | Value |
|---|---|
| Model Number | CR85X |
| Capacity | 83 Liters (2.94 cu.ft.) |
| Freezer Area | 8.65L (0.31 cu.ft.) |
| Refrigeration Area | 74.35L (2.63 cu.ft.) |
| Temperature Range | -4°F to 46°F (-20°C to 8°C) |

| Specification | Value |
|---|---|
| Power Input | 12/24V DC, 100-240V AC |
| Noise Level | <45dB |
| Product Dimensions (D x W x H) | 45.49 x 48.49 x 78.74 cm (17.91 x 19.09 x 31.00 inches) |
| Weight | 27 kg |
| Installation Type | Countertop / Built-in (RV) |
| Number of Doors | 1 |
| Defrost System | Manual |

## 9. Warranty and Support

BODEGA products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official BODEGA website. If you require technical support, have questions about operation, or need to report a defect, please contact BODEGA customer service through the contact information provided on the product packaging or the official website. Please have your model number (CR85X) and purchase details ready when contacting support.

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