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› BODEGACOOLER 80L 12 Volt RV Refrigerator Instruction Manual

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BODEGACOOLER 80L 12 Volt RV Refrigerator Instruction Manual

Model: 80L (2.82 cu.ft)

1. PRODUCT OVERVIEW

The BODEGACOOLER 80L 12 Volt RV Refrigerator is a versatile dual-zone appliance designed for mobile use in RVs, boats, yachts, caravans, trucks, and during camping. It features a 51L refrigeration compartment and a 29L freezer compartment, allowing for simultaneous cooling and freezing of various items. This unit operates on 12V/24V DC power and offers smart control via a mobile application.



Image 1.1: BODEGACOOLER 80L RV Refrigerator with dimensions and capacity examples.

Key Features:

- **Dual-Zone Design:** Separate compartments for freezing (-4°F to 4°F) and refrigeration (32°F to 46°F).
- **Rapid Cooling:** Utilizes compressor technology to reach temperatures as low as -4°F (-20°C).
- **Smart APP Control:** Adjust temperature, voltage, and cooling modes via iOS and Android mobile applications.
- **Low Noise Operation:** Operates below 45dB for a quiet environment.
- **Battery Protection:** 3-level (H/M/L) battery protection to prevent vehicle power overload.
- **User-Friendly Interior:** Includes a removable crisper, adjustable plastic shelf, and built-in interior light.
- **Reversible Door:** Door can be configured to open from either the left or right side.



Image 1.2: Interior view highlighting the dual-zone functionality for chilling and freezing.

2. SETUP AND INSTALLATION

2.1 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 flat, stable surface. Ensure adequate ventilation around the unit.
- Allow the unit to stand upright for at least 6 hours before connecting to power to allow the compressor fluids to settle.

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Video 2.1: Official product video demonstrating the 80L RV Fridge with APP Control, including a brief overview of its features and appearance.

2.2 Power Connection

- This refrigerator is designed for 12V/24V DC input. Connect the power cable to a compatible DC power source in your vehicle (RV, boat, truck, etc.).

- Ensure the power source can provide sufficient current for the refrigerator's operation.
- The unit features 3-level (H/M/L) battery protection. Set the device to H mode when connected to a car's power source, and use M or L when linked to a portable battery or other backup supply to prevent draining your vehicle's battery.



Image 2.2: Explanation of the H/M/L battery protection system.

2.3 Reversible Door Installation

The refrigerator door can be reversed to open from either the left or right side to suit your installation needs. Refer to the detailed instructions in the included manual for the specific steps to detach the bottom hinge, transfer the door latch, reposition door axles, and reattach the door.



Image 2.3: Visual representation of the reversible door option.

3. OPERATING INSTRUCTIONS

3.1 Manual Control Panel

The refrigerator features an intuitive control panel located on the top front of the unit. Use the buttons to power on/off, adjust temperature settings for both compartments, and select cooling modes. The digital display shows the current temperature.

3.2 Smart APP Control

Download the BODEGACOOLER app from your device's app store (iOS or Android). Follow the in-app instructions to pair your refrigerator. Once connected, you can remotely monitor and adjust temperature, voltage, and cooling modes, providing convenient control from your mobile device.

Smart APP Control



Convenient and Super-Simple
Control Via Mobile APP

Image 3.1: Demonstrating the smart APP control feature.

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Video 3.2: Official product video showcasing the BODEGACooler 2.82 cu.ft RV Refrigerator and its APP control capabilities.

3.3 Interior Features

- **Adjustable Shelf:** The plastic shelf can be adjusted to two positions to accommodate items of various sizes.
- **Removable Crisper:** A crisper drawer is provided for storing fruits and vegetables.
- **Interior Light:** A built-in LED light illuminates the interior for easy access in low-light conditions.



Adjustable Shelves



Crisper Drawer



Interior LED Light



Door Rack

Image 3.3: Detailed view of the refrigerator's interior design features.

4. MAINTENANCE

4.1 Cleaning

- Always disconnect the power before cleaning.
- Wipe the interior and exterior surfaces with a soft cloth dampened with mild detergent and water.
- Ensure to wipe out any condensation that accumulates, especially when shutting off the unit for extended periods, to prevent puddles.
- Do not use abrasive cleaners or sharp objects, as they can damage the surfaces.

4.2 Defrosting

This refrigerator features an automatic defrost system, minimizing the need for manual defrosting. If ice buildup occurs in the freezer compartment, manually defrost by turning off the unit and allowing the ice to melt naturally. Remove food items before defrosting and place a towel to absorb water.

5. TROUBLESHOOTING

If you encounter issues with your BODEGACOOLER RV Refrigerator, refer to the following common troubleshooting steps:

- **Unit Not Powering On:** Check the power connection and ensure the 12V/24V DC source is active. Verify the battery protection setting (H/M/L) is appropriate for your power source to prevent low voltage cut-off.
- **Insufficient Cooling:** Ensure the door is properly closed and sealed. Check that the temperature settings are correct via the control panel or APP. Verify there is adequate ventilation around the unit. Avoid overfilling the compartments, which can restrict airflow.
- **Excessive Noise:** While the unit operates below 45dB, unusual noises may indicate an issue. Ensure the unit is on a stable, level surface. Check for any obstructions around the compressor area.
- **Door Latch Difficulty:** The door latch requires a specific technique. Lift where it says 'OPEN', then slide your hand into the center of the top of the door and pull. This motion releases the latch effectively.
- **Freezer Door Issues:** The freezer door is designed to be handled gently. If it becomes loose or detached, inspect the plastic nubs that hold it in place. Contact support if a replacement part is needed.
- **Temperature Fluctuations:** Note that temperature settings may only allow for 2-degree increments. Adjust accordingly and monitor with an internal thermometer if precise temperatures are critical.

For persistent issues, please contact BODEGACOOLER customer support.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions (D x W x H)	17.95"D x 19.69"W x 32.68"H
Brand	BODEGA
Capacity	80 liters (2.82 cu.ft)
Configuration	APP Control
Color	Black
Special Features	App Control, H/M/L Battery Protection, Reversible Door
Installation Type	Freestanding
Number of Doors	1
Defrost System	Automatic
Voltage	12 volts / 24 volts DC
Cooling Method	Compressor
Number of Shelves	1

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The BODEGACOOLER RV Refrigerator comes with a 2-year maintenance service. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact BODEGACOOLER customer support. You can typically reach support via the platform where the product was purchased (e.g., Amazon messaging system) or through the official BODEGACOOLER website.