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## BODEGA RTW25

# BODEGACOOLER 25 Quart Portable Refrigerator/Freezer User Manual

Model: RTW25

Brand: BODEGA

## 1. INTRODUCTION

This user manual provides detailed instructions for the operation and maintenance of your BODEGACOOLER 25 Quart (24L) Portable Refrigerator/Freezer. Designed for outdoor vehicles, camping, and travel, this electric cooler offers efficient cooling and freezing capabilities without the need for ice. Please read this manual thoroughly before first use to ensure proper operation and safety.

## 2. SAFETY INFORMATION

To prevent injury to the user or damage to the product, please observe the following safety precautions:

- Ensure the power supply matches the voltage specified for the unit (12/24V DC or 100-240V AC).
- Do not operate the unit if the power cord is damaged.
- Keep the ventilation openings clear of obstructions.
- Avoid placing the unit in direct sunlight for prolonged periods, especially when operating on battery power, as this may cause it to shut off.
- 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.
- The unit has a shock-proof design and can operate at up to a 45° inclination, but ensure it is securely fastened during transport to prevent movement.

## 3. PRODUCT FEATURES

The BODEGACOOLER portable refrigerator offers a range of features for convenience and performance:

- **Capacity:** 25 Quarts (24 Liters), capable of holding approximately 30 cans (355ml) or 30 bottles of water (500ml).
- **Temperature Range:** Adjustable from -4°F (-20°C) to 68°F (20°C).
- **Power Options:** Supports 12/24V DC for vehicle use and 100-240V AC for home or wall outlet use.
- **Battery Compatibility:** Features a power tool battery charging port compatible with 20V Dewalt tool batteries or detachable

batteries (batteries not included).

- **APP Control:** Control temperature and mode via WiFi using the dedicated mobile application (for Android/iOS).
- **Fast Cooling:** Achieves 32°F (0°C) from 68°F (20°C) in approximately 15 minutes.
- **Battery Protection:** H/M/L battery protection levels to prevent car battery drain.
- **Energy Saving:** ECO energy-saving mode for low power consumption.
- **Portability:** Equipped with embedded handles, wheels, and a retractable handle for easy transport.
- **Quiet Operation:** Operates at a low noise level of approximately 45dB.
- **Additional Features:** Built-in LED light, USB charging port, and a storage compartment for cords.



Figure 3.1: BODEGACOOLER 25 Quart Portable Refrigerator/Freezer.

# 25QT/24L Car Fridge

 **30 Cans**  
Cola(355ml)

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 **30 Bottles**  
Water(500ml)

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 **6 Bottles**  
Red Wine(750ml)



Meat



Seafood



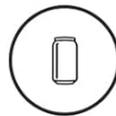
Ice Cream



Fruits



Vegetables



Drinks



Milk

Figure 3.2: Dimensions and Capacity of the 25 Quart Car Fridge.

## 4. SETUP

- Unpacking:** Carefully remove the refrigerator from its packaging. Inspect for any damage.
- Placement:** Place the unit on a stable, level surface. Ensure adequate ventilation around the unit, especially the side vents.
- Power Connection:**
  - DC Power (12/24V):** Connect the DC power cord to the unit's DC input port and then to your vehicle's cigarette lighter socket.
  - AC Power (100-240V):** Connect the AC adapter to the unit's AC input port, then plug the adapter into a standard wall outlet.
  - Battery Power (Optional):** If using power tool batteries, insert them into the designated battery power tool charging port. This port can also serve as a storage compartment for the AC/DC power cord.

# Multiple Power Supplies



Figure 4.1: Multiple Power Supply Options.

# Multi-Function Storage Box

RunningTime Extension



Figure 4.2: Multi-Function Storage Box for Batteries (Batteries Not Included).

4. **Secure Fastening (for vehicle use):** Utilize the two holes on the side of the cooler for secure fastening with ropes (not included) to prevent movement during travel.



## Safety Tie-Fixed Points

For fixed to the car  
when used with ropes  
( The ropes are not included )



Figure 4.3: Safety Tie-Fastening Points.

## 5. OPERATING INSTRUCTIONS

### 5.1 Manual Control

1. **Power On/Off:** Press the power button on the control panel to turn the unit on or off.
2. **Temperature Adjustment:** Use the '+' and '-' buttons to set the desired temperature. The display will show the current and target temperatures.
3. **Cooling Mode Selection:** Press the 'SET' button to cycle through cooling modes:
  - **MAX Mode:** For rapid cooling to reach the set temperature quickly.
  - **ECO Mode:** For energy-efficient operation, suitable for maintaining temperature over longer periods.
4. **Battery Protection Level:** Press and hold the 'SET' button for 3 seconds to adjust the battery protection level (H/M/L - High/Medium/Low). This prevents your car battery from draining.

### 5.2 APP Control (for Android/iOS)

The BODEGACOOLER supports APP control via WiFi for convenient temperature and mode adjustments.

1. **Download App:** Search for "BODEGACOOLER" in your device's app store and download the official application.
2. **Connect to WiFi:** Follow the in-app instructions to connect your portable refrigerator to your mobile device via WiFi. Ensure the unit's WiFi is enabled.
3. **Control Functions:** Once connected, you can adjust temperature, switch cooling modes, monitor battery status, and access other features directly from your smartphone.



Figure 5.1: Smart APP Control Interface.

### 5.3 Using the USB Charging Port

The unit includes a USB charging port for charging small electronic devices. Simply connect your device's USB cable to the port on the control panel.



Figure 5.2: USB Charging Port.

## 5.4 Quiet Operation

The BODEGACOOLER is designed for quiet operation, with a noise level of approximately 45dB, comparable to a quiet library environment.



Figure 5.3: Quiet Operation at 45dB.

## 5.5 Portability and Movement

The unit features wheels and a retractable handle, allowing it to be easily pulled like a suitcase. Its anti-shock design ensures stable operation even on uneven terrain or inclines up to 45°.



Figure 5.4: Wheel It As A Suitcase Feature.

Your browser does not support the video tag.

Video 5.1: Demonstration of the BODEGACOOLER's portability and ease of loading into a vehicle. This video highlights the compact design and wheeled feature for convenient transport.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your BODEGACOOLER.

- **Cleaning:**

- Clean the interior and exterior surfaces with a damp cloth and mild detergent.

- Do not use abrasive cleaners or harsh chemicals.
- Ensure the unit is unplugged before cleaning.
- **Ventilation:** Periodically check and clean the ventilation grilles to ensure proper airflow and prevent overheating.
- **Storage:** When not in use for extended periods, ensure the unit is clean and dry. Store it in a cool, dry place with the lid slightly ajar to prevent odors.

## 7. TROUBLESHOOTING

If you encounter issues with your BODEGACOOLER, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit not turning on	No power supply; loose connection; blown fuse.	Check power cord connection; ensure power source is active; check vehicle's fuse.
Insufficient cooling	Blocked ventilation; excessive ambient temperature; door not sealed properly; too much content.	Clear vents; move to cooler area; ensure lid is closed tightly; do not overfill.
Unit shuts off in direct sunlight (when on battery)	Overheating due to direct sun exposure.	Move unit to a shaded area or cover it to reduce direct sun exposure.
Unusual noise	Unit not level; fan obstruction.	Ensure unit is on a flat surface; check for obstructions around the fan.
App connection issues	WiFi/Bluetooth off; incorrect pairing.	Ensure WiFi/Bluetooth is enabled on both devices; restart app and unit; re-pair if necessary.

## 8. SPECIFICATIONS

Attribute	Detail
<b>Model Number</b>	RTW25
<b>Capacity</b>	25 Quarts (24 Liters)
<b>Temperature Range</b>	-4°F (-20°C) to 68°F (20°C)
<b>Power Input</b>	12V/24V DC, 100-240V AC
<b>Item Weight</b>	31.8 pounds
<b>Product Dimensions</b>	24.61 x 14.61 x 16.06 inches (or 13.58"D x 23.39"W x 16.06"H)
<b>Noise Level</b>	~45dB
<b>Special Features</b>	APP control (Android/iOS), USB Charging Port, Battery Protection (H/M/L), Max/Eco Cooling Choice, Shock-proof design (45° inclination)

## 9. WARRANTY & SUPPORT

BODEGACOOLER provides the following warranty and support for this product:

- **Compressor:** 5 Years Life Span warranty.
- **Other Parts:** 1 Year maintenance warranty on all other parts.
- **Customer Support:** For any questions or issues regarding your car fridge, please contact BODEGACOOLER's professional technical support team via Amazon.