

BODEGA XS45

BODEGACOOLER 12 Volt Car Refrigerator User Manual

Model: XS45 | Brand: BODEGA

1. INTRODUCTION

This manual provides instructions for the safe operation and maintenance of your BODEGACOOLER 12 Volt Car Refrigerator, Model XS45. This portable dual-zone refrigerator/freezer is designed for use in vehicles, during camping, travel, and for home use, offering flexible temperature control from -4°F to 68°F.



Image: The BODEGACOOLER 34 Quart Car Refrigerator, Model XS45, shown with its dual compartments open, containing various food items and beverages. A smartphone displaying the mobile application for controlling the refrigerator is also visible.

2. KEY FEATURES

- **Dual Zone & APP Control:** Features two independently controlled temperature zones, adjustable from 68°F (20°C) to -4°F (-20°C). Control and monitor settings via a mobile application.
- **High Capacity & Rapid Cooling:** Total capacity of 32 liters (23.8 L large zone + 8.3 L smaller zone). Capable of cooling from 68°F (20°C) to 32°F (0°C) in approximately 15 minutes.
- **Energy Efficiency & Stability:** Equipped with H/M/L battery protection levels to prevent vehicle battery drain. Operates in ECO mode for low energy consumption (less than 1 kWh per day) or MAX mode for faster cooling. Designed with anti-30° slip for stable operation on inclines.
- **Quiet Operation & User-Friendly Design:** Operates at less than 45 dB noise level. Includes a detachable 2-way lid for flexible access, a bottom drain hole for easy cleaning, and integrated cup slots.
- **Versatile Power Options:** Supports 12/24V DC for vehicle use and 100-240V AC for home use.

3. SETUP AND POWER CONNECTION

Before initial use, allow the refrigerator to stand upright for at least 24 hours to allow the refrigerant to settle. Ensure the unit is placed on a stable, level surface with adequate ventilation around all sides.

3.1 Powering the Unit

The BODEGACOOLER refrigerator can be powered by various sources:

- **DC Power (12V/24V):** Connect the provided cigarette lighter connector to your vehicle's 12V or 24V DC outlet.
- **AC Power (100-240V):** Use the provided plug adapter to connect the refrigerator to a standard home electrical outlet.
- **Solar Panel/Power Station:** The unit is compatible with external solar panels and portable power stations (sold separately) for off-grid use.



Image: Illustration of the various power sources compatible with the BODEGACOOLER car refrigerator, including DC (12V-24V), AC (100V-240V), and solar panel with a power station.

3.2 Battery Protection Settings

The refrigerator features three battery protection levels (H/M/L) to prevent excessive discharge of your vehicle's battery. The factory default setting is High (H) mode.

Battery Protection Voltage Levels

Voltage	Cut Out (V)	Cut In (V)
12V DC	H: 11.3V, M: 10.1V, L: 9.60V	H: 12.5V, M: 11.4V, L: 10.9V
24V DC	H: 24.6V, M: 22.3V, L: 21.3V	H: 26.0V, M: 23.7V, L: 22.7V

Image: A table detailing the cut-out and cut-in voltage levels for the battery protection modes (High, Medium, Low) for both 12V and 24V DC power sources.

When using a 12V/24V DC power supply, the battery protection mode activates. For example, if set to High (H) mode, the input voltage must be higher than 12.5V. If the voltage drops below 11.3V, the refrigerator will automatically turn off to protect your battery.

4. OPERATING INSTRUCTIONS

4.1 Dual Zone Temperature Control

The refrigerator features two independent compartments, allowing you to set different temperatures for each zone. This enables simultaneous refrigeration and freezing.

DUAL ZONE- DUAL CONTROL

Freezer + Refrigerator combo
4 options for different needs





Vegetables



Fruits



Drinks



Meat & Seafood



Ice Cream



Fridge



Freezer



Freezer



Fridge



Freezer



Freezer



Fridge



Fridge

Image: A graphic demonstrating the dual-zone capability, showing how the two compartments can be configured as a

freezer and refrigerator combo, or individually, to store various items like vegetables, fruits, drinks, meat, seafood, and ice cream.

The temperature range for both zones is -4°F (-20°C) to 68°F (20°C).

Image: A visual representation of the recommended temperature ranges for the freezer zone (-4°F to 32°F) and the refrigerator zone (32°F to 50°F), along with examples of suitable contents for each.

4.2 Smart APP Control

The BODEGACOOLER refrigerator can be controlled via a mobile application available for iOS and Android devices. This allows for convenient remote monitoring and adjustment of temperature settings and operating modes.

- Download the official BODEGACOOLER app from your device's app store.
- Follow the in-app instructions to connect your refrigerator via Bluetooth.
- Once connected, you can adjust temperatures for each zone, switch between ECO and MAX modes, and monitor battery protection levels.



Image: A smartphone displaying the BODEGACOOLER mobile application interface, which allows users to control temperature, select modes, and view battery protection status. The refrigerator's physical control panel is also visible.

4.3 Operating Modes (ECO/MAX)

- **ECO Mode:** This mode prioritizes energy efficiency, consuming less than 1 kWh per day. It is suitable for maintaining temperatures over extended periods.
- **MAX Mode:** This mode provides maximum cooling power for rapid temperature reduction, such as when initially chilling items or in high ambient temperatures.



Consume Less Than 1KWH Per Day

45w
Eco Mode:
Energy Saving

60w
Max Mode:
Fast Cooling

Image: A graphic illustrating the power consumption of the BODEGACOOLER refrigerator in both ECO mode (45W for energy saving) and MAX mode (60W for fast cooling).

5. MAINTENANCE AND CARE

5.1 Cleaning

- Always disconnect the power supply before cleaning.
- Use a soft cloth dampened with mild detergent and water to clean the interior and exterior surfaces.
- Do not use abrasive cleaners, harsh chemicals, or sharp objects, as these can damage the unit.
- The bottom drain hole allows for easy removal of liquids during cleaning.
- Ensure all surfaces are dry before reconnecting power.

5.2 Detachable 2-Way Lids

The refrigerator features detachable lids that can be reversed to change the opening direction, providing flexible access in various setups.

1. Open the lid to a 90° angle.
2. Gently lift and detach the lid from one side.
3. Align the lid's shaft with the hole on the opposite side.
4. Insert the shaft to secure the lid in the new opening direction.

Detachable 2-Way Doors

Brings You More Convenience



Image: A step-by-step visual guide demonstrating how to detach and reattach the refrigerator lids to reverse their opening direction for enhanced convenience.

5.3 Other Features for Convenience

- **Door Buckle:** Secures the lid during transport.
- **Handle:** Integrated handles for easy portability.
- **Drain Plug:** Located at the bottom for convenient water drainage and cleaning.

PRODUCT FEATURES



Image: Close-up views highlighting the door buckle, integrated handle, and drain plug, which are key design elements for user convenience and maintenance.

6. TROUBLESHOOTING

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

- **Unit Not Powering On:**

- Check power connections (DC or AC) to ensure they are secure.
- Verify the power source is active and providing the correct voltage.
- If using DC power, check the battery protection setting. If the vehicle battery voltage is below the "Cut Out" level for the selected mode (H/M/L), the unit will not power on.

- **Insufficient Cooling:**

- Ensure the lids are properly sealed. Check for any obstructions or damage to the lid seals.
- Verify that the temperature settings for each zone are correct.
- Ensure adequate ventilation around the unit; blocked vents can hinder cooling performance.
- If operating in ECO mode, switch to MAX mode for faster cooling.

- **Abnormal Noise:**

- The unit operates at less than 45 dB. Minor compressor or fan noise is normal.
- Ensure the unit is on a stable, level surface to prevent rattling.
- Check for any loose items inside or around the refrigerator.

- **APP Connection Issues:**

- Ensure Bluetooth is enabled on your mobile device.
- Restart the app and the refrigerator.
- Ensure your device is within Bluetooth range of the refrigerator.

If these steps do not resolve the issue, please contact BODEGA customer service for further assistance.

7. SPECIFICATIONS

Specification	Detail
Brand	BODEGA
Model Number	XS45
Item Weight	30.6 pounds (13.88 kg)
Product Dimensions (L x W x H)	23.93 x 14.37 x 17.4 inches (60.78 x 36.50 x 44.19 cm)
Capacity	32 Liters (34 Quart)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Annual Energy Consumption	10 Kilowatt Hours (Estimated)
Installation Type	Freestanding
Form Factor	Chest
Special Features	App Control, Dual Zone, Portable
Color	Dark Green
Voltage	12 Volts (DC), 100-240 Volts (AC)
Number of Doors	2 (Dual Lids)
Defrost System	Automatic
Included Components	Portable refrigerator, basket, cigarette lighter connector, plug adapter, manual

34QT/32L Dual Zone



Image: A visual representation of the BODEGACOOLER's capacity and dimensions, indicating it is a 34 Quart (32L) unit capable of holding various quantities of cans and bottles.

8. WARRANTY AND SUPPORT

BODEGACOOLER provides the following warranty and support for your product:

- **Compressor Warranty:** 5-year lifespan on the compressor.
- **Parts Maintenance:** 1-year maintenance on all other parts.

For any questions, technical assistance, or warranty claims, please contact BODEGA customer service. Refer to the contact information provided in the packaging or on the official BODEGA website.



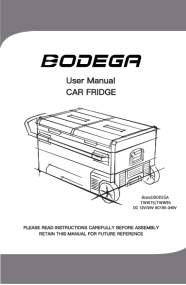

BODEGACOOLER POWERFUL COMPRESSOR

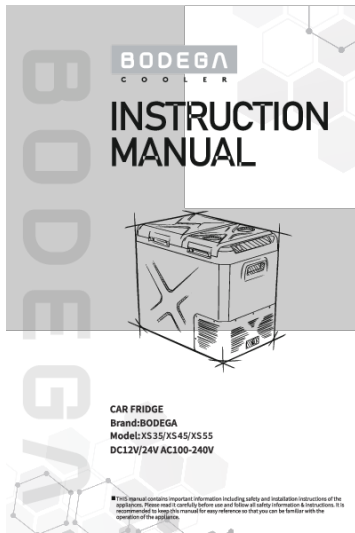


Image: A graphic emphasizing the BODEGACOOLER's powerful compressor, noting its 5-year lifespan, lower noise operation, extended durability, and fast cooling capabilities.

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Related Documents

	<p>BODEGA TWW75 Car Fridge User Manual and Features</p> <p>Comprehensive user manual for the BODEGA TWW75 car fridge, covering safety instructions, product features, operation, troubleshooting, technical data, and app control.</p>
	<p>Bodega Car Fridge User Manual: T36, T50, T60 Models - Operation, Safety, and Troubleshooting</p> <p>Comprehensive user manual for Bodega T36, T50, and T60 car fridges. Covers safety instructions, operating descriptions, app connection (WIFI/Bluetooth), components, cleaning, maintenance, and troubleshooting guides for these portable dual-zone refrigerators.</p>
	<p>BODEGA Car Fridge User Manual: Operation and Maintenance</p> <p>Comprehensive user manual for the BODEGA Car Fridge, covering setup, operation, cooling modes, app connectivity, troubleshooting, and technical specifications. Learn how to use your dual-zone portable freezer for optimal performance during travel and outdoor activities.</p>
	<p>BODEGA X30, X40, X50 Car Fridge Instruction Manual</p> <p>Comprehensive instruction manual for BODEGA X30, X40, and X50 car fridges. Covers safety, features, structure, app connection, operation, maintenance, troubleshooting, and technical specifications.</p>



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XS/XS/XS 1 2 2 3 REVERSE DOOR OPENING DIRECTION 4 APP CONNECTION 7
FUNCTION AND OPERATION ... erature sensor is faulty. Contact manufacturer for
service. TECHNICAL INFORMATION MODEL XS35 **XS45** XS55 RATED VOLTAGE
DC12/24V OR AC100-240V USING DEDICATED ADAPTER RATED POWER 60W
TOTAL CA...

lang:en score:29 filesize: 11.1 M page_count: 15 document date: 2023-07-15