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> advwin 12 Volt Car Refrigerator 23Quart(22L) Electric Cooler/Warmer Instruction Manual

advwin RU101

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Model: RU101

1. INTRODUCTION

Thank you for choosing the advwin 12 Volt Car Refrigerator. This portable electric cooler/warmer is designed to keep your food and beverages fresh and at optimal temperatures, whether you're on the road, camping, or at home. It features dual-semiconductor technology for efficient cooling and warming, a user-friendly digital display, and versatile power options. Please read this manual thoroughly before use to ensure proper operation and maintenance.

2. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition:

- 1 x advwin Car Refrigerator
- 1 x AC Power Cord (for home use)
- 1 x DC Power Cord (for car use)
- 1 x User Manual

3. PRODUCT FEATURES

- **Cooling & Warming Functionality:** Utilizes powerful dual-semiconductor technology to maintain drinks icy cold at 35°F (1.6°C) and hot food at 149°F (65°C).
- **Large Capacity:** 23-Quart (22L) storage zone, capable of holding approximately 32-35 standard cans.
- **Easy Operation:** Digital LED display for precise temperature control (16-149°F / -8.8 to 65°C).
- **30° Anti-Shake Design:** Ensures stable operation even on bumpy roads or at a tilt angle of up to 30 degrees, suitable for RVs, trucks, and off-road vehicles.
- **Silent Operation:** Operates at a low noise level of just 42 decibels, providing a quiet environment.
- **Home/Car Dual-Use:** Compatible with both 110/120V AC (home) and 12/24V DC (car) power adapters.
- **Portable Design:** Lightweight and easy to move, with an adjustable shoulder strap for convenient transport.
- **Integrated Cup Holders:** Conveniently located on the lid for holding beverages.



The advwin 23-Quart Car Refrigerator, showcasing its capacity with multiple beverage cans and the included power cords.

Multifunctional Car Refrigerator

The LCD touch screen displays real-time temperature information.



- Fast Cooling
- Low Noise
- Energy Saving
- Thermoelectric Cooling Module x2

Detailed view of the intuitive LCD touch screen control panel, indicating power switch, temperature setting, and up/down buttons.

4. SETUP

Before first use, ensure the refrigerator is placed on a stable, level surface with adequate ventilation around the cooling fans. Allow at least 10 cm (4 inches) of space on all sides for proper airflow.

4.1 Power Connection

The refrigerator supports both AC and DC power inputs.

- **For Home Use (AC 110-120V):** Connect the AC power cord to the refrigerator's AC input port, then plug the other end into a standard wall outlet.
- **For Car Use (DC 12-24V):** Connect the DC power cord to the refrigerator's DC input port, then plug the other end into your vehicle's cigarette lighter socket.

Ensure the power cord is securely connected to both the unit and the power source.

Your browser does not support the video tag.

Official product video demonstrating the features and usage of the advwin 23-Quart Car Refrigerator, including its dual power options

and portability.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button () on the control panel to turn the unit on or off. The LED display will illuminate when the unit is powered on.

5.2 Setting Temperature

Use the 'Set' button (⚙) to cycle between cooling and warming modes. Use the 'Up' (▲) and 'Down' (▼) buttons to adjust the desired temperature. The digital LED display will show the current internal temperature and the set temperature.

- **Cooling Mode:** Can cool down to 35°F (1.6°C). For best cooling results, pre-chill items before placing them in the refrigerator. Adding ice cubes directly can enhance cooling performance.
- **Warming Mode:** Can warm up to 149°F (65°C).

Keep it Fresh & Cool Warm Food at Hand



Visual representation of the refrigerator's cooling capabilities (14-50°F) for vegetables, fruits, and beverages, and warming capabilities (122-149°F) for lunch boxes, coffee, and sandwiches.

6. MAINTENANCE

6.1 Cleaning

To clean the interior and exterior of the refrigerator, use a soft cloth dampened with mild soap and water. Do not use abrasive cleaners or harsh chemicals. Ensure the unit is unplugged before cleaning. The design, which does not require ice, simplifies the cleaning process.

6.2 Defrosting

This unit features manual defrost. If ice buildup occurs, turn off the unit and allow the ice to melt naturally. Wipe away any melted water with a clean cloth. Do not use sharp objects to remove ice.

6.3 Storage

When not in use for extended periods, ensure the unit is clean and dry. Store it in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on	No power supply; loose connection; faulty power cord.	Check if the power cord is securely plugged into both the unit and the power source. Test the power outlet/cigarette lighter socket. Try a different power cord if available.
Insufficient cooling/warming	Poor ventilation; ambient temperature too high/low; door not sealed properly; too many items inside.	Ensure adequate space around the unit for ventilation. Avoid placing in direct sunlight. Check that the lid is closed tightly. Do not overfill the unit. Allow sufficient time for temperature change.
Excessive noise	Unit not on a stable surface; fan obstruction.	Place the unit on a flat, stable surface. Check for any obstructions around the fan vents and clear them.
Condensation inside	Frequent opening of the lid; high humidity.	Minimize opening the lid. Wipe away condensation regularly with a dry cloth.

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

8. SPECIFICATIONS

Feature	Specification
Brand	advwin
Model Info	RU101
Capacity	22 Liters (23 Quarts)
Item Weight	25.5 Pounds
Product Dimensions (L x W x H)	21.4 x 10.8 x 15 inches
Annual Energy Consumption	66 Watts
Installation Type	Freestanding
Form Factor	Portable
Special Features	Digital Temperature Control, Portable, Touch Control
Color	Black
Voltage	12 Volts (DC) / 110-120 Volts (AC)
Defrost System	Manual

Feature	Specification
Number of Doors	1
Country of Origin	China



x32
350ml Cola



x20
550ml Water



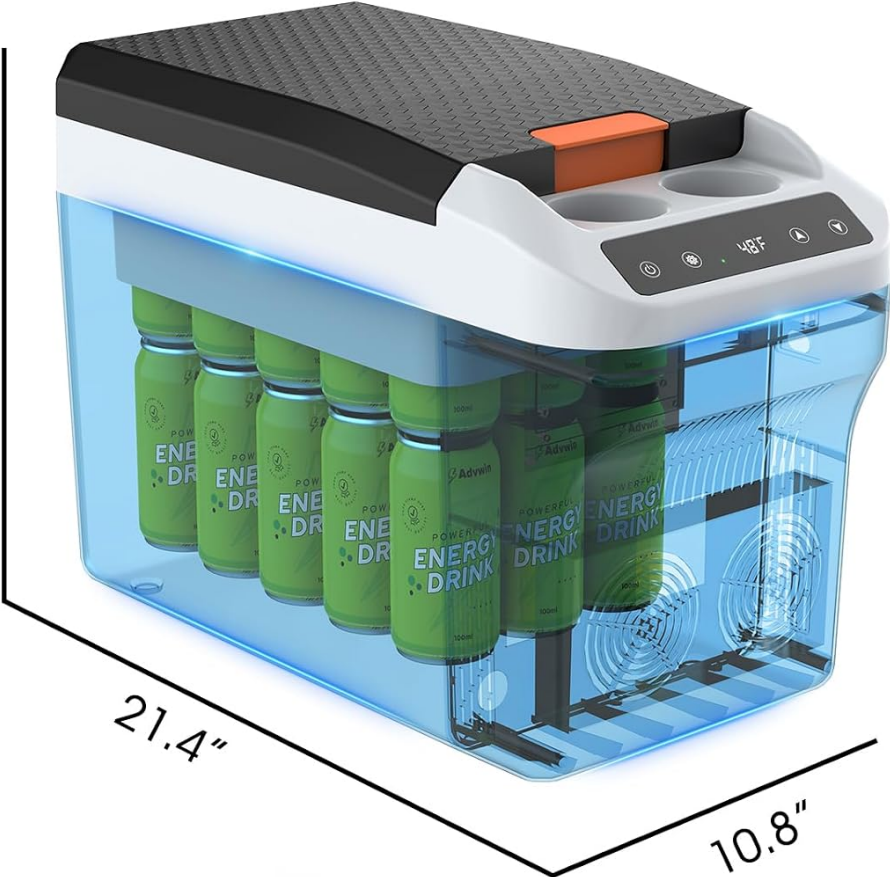
x9
750ml Red wine



x4
2L Cola



Internal : 13.5*8.5*11.5inch



23QT
22L Large Capacity

- No ice makes cleaning easy, configuration makes access easy

Detailed diagram illustrating the external dimensions and internal capacity of the 23-Quart (22L) advwin car refrigerator, showing how many cans or bottles it can hold.

9. WARRANTY AND SUPPORT

Your advwin 12 Volt Car Refrigerator comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact advwin customer service through their official channels or the retailer where you purchased the product.

ASK A QUESTION ABOUT THIS MANUAL

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