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› [BougeRV](#) /

› BougeRV 42 Quart Portable Refrigerator User Manual

BougeRV E40

BougeRV 42 Quart Portable Refrigerator User Manual

Model: E40 | Brand: BougeRV

PRODUCT OVERVIEW

The BougeRV 12V Portable Refrigerator is a versatile electric cooler designed for various outdoor and travel applications, including RVs, campers, trucks, and boats. It functions as both a freezer and a refrigerator, offering a wide temperature range from -4°F to 50°F. Key features include rapid cooling technology, energy-efficient operation with ECO/MAX modes, and a 3-level battery protection system to safeguard your vehicle's battery.

WHAT'S IN THE BOX

- 43 Quart Portable Refrigerator (E40)
- User Manual
- 12/24V DC Power Cord
- 110~240V AC Power Adapter



Figure 1: Included components of the BougeRV 42 Quart Portable Refrigerator.

SETUP

1. Unpacking and Initial Placement

Upon receiving your BougeRV portable refrigerator, carefully remove it from its packaging. It is recommended to let the unit stand upright for at least 12 hours before plugging it in to allow the compressor fluids to settle, ensuring proper operation.

Your browser does not support the video tag.

Video 1: Unpacking the BougeRV 42QT Refrigerator. This video demonstrates the unpacking process and initial setup steps for the unit.

2. Handle Installation

Attach the provided elastic handles to the designated points on the side of the refrigerator. Use the included tools to secure them firmly. The handles are spring-loaded for convenience and secure carrying.



Figure 2: The BougeRV 42 Quart Portable Refrigerator with its handles attached, ready for transport.

3. Power Connection

The refrigerator supports multiple power inputs: 12V/24V DC for vehicle use and 110~240V AC for home use. Connect the appropriate power cord to the unit's power input socket. Ensure the fuse is properly seated.

Your browser does not support the video tag.

OPERATING INSTRUCTIONS

1. Power On/Off and Mode Selection

To turn the refrigerator on or off, hold the power button for 3-5 seconds. Once powered on, you can switch between MAX (fast cooling) and ECO (energy-saving) modes by pressing the snowflake button. The display will indicate the current mode.

2. Temperature Setting

Use the '+' and '-' buttons to adjust the desired temperature. The unit can cool down to -4°F. For quick cooling, it can reach 32°F in 15 minutes and -4°F in 60 minutes from 77°F ambient temperature.

3. Temperature Unit Switch

To switch between Fahrenheit (°F) and Celsius (°C), press and hold the '+' and '-' buttons simultaneously for 3-5 seconds.

4. Battery Protection Mode

The refrigerator features a 3-level battery monitor (High, Medium, Low) to prevent draining your vehicle's battery. It is recommended to set the protection level to HIGH when connected to a car battery. For external batteries or power stations, MEDIUM or LOW settings may be suitable depending on the battery's capacity.

Chill in Peace

Noise level ≤ 45 dB



20dB

30dB

45dB

55dB

70dB

85dB













Leave Sound

Whisper

Our Product

Normal Chat

Music

Car Driving

Figure 3: Detailed view of the control panel for temperature and mode adjustments.

5. Recommended Preservation Temperatures

Item	Temperature (°C)	Temperature (°F)
Meat	-18°C	0°F
Frozen Food	-18°C	0°F
Seafood	-3°C	26°F
Vegetables	3-10°C	37-50°F
Cooked Food	4°C	39°F
Water	5°C	41°F
Canned Drinks	5°C	41°F

Item	Temperature (°C)	Temperature (°F)
Fruits	5-8°C	41-46°F
Soft Drinks	8-10°C	46-50°F
Alcoholic Drinks	13°C	55°F

Table 1: Recommended preservation temperatures for common food items.

MAINTENANCE

Cleaning

Regularly clean the interior and exterior of the refrigerator with a damp cloth and mild detergent. Avoid abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.

Defrosting

This unit features manual defrost. When ice buildup becomes excessive (approximately 0.2 inches or 5mm thick), unplug the unit and allow the ice to melt naturally. Use a soft cloth to wipe away melted water. Do not use sharp objects to remove ice.

Storage

When storing the refrigerator for an extended period, ensure it is clean, dry, and unplugged. Leave the lid slightly ajar to prevent odors and mildew buildup.

TROUBLESHOOTING

If you encounter any issues with your BougeRV portable refrigerator, please refer to the following common problems and solutions:

- **Unit not cooling:** Check power connection, ensure the power source is active, and verify the temperature setting.
- **E1 Error:** This error can occur if the DC power input is unstable or too low. Ensure a stable power source and check the battery protection setting (try switching to a lower setting if using a power bank).
- **Excessive noise:** Ensure the unit is on a flat, stable surface and that ventilation vents are not blocked. The unit operates at a low noise level (45dB).
- **Poor insulation/temperature retention:** While the unit cools quickly, it is designed to maintain temperature when powered. For extended unplugged periods, pre-cooling and minimizing lid openings are recommended. Consider an insulated cover for enhanced performance.

If the problem persists, please contact BougeRV customer support for assistance.

SPECIFICATIONS

Feature	Detail
Brand Name	BougeRV
Model Info	E40
Item Weight	32.7 pounds

Feature	Detail
Product Dimensions	13.39 x 22.44 x 17.32 inches
Capacity	42 Quarts
Annual Energy Consumption	168 Kilowatt Hours
Installation Type	Freestanding
Special Features	Portable
Voltage	12 Volts
Defrost System	Manual
Certification	CE, FCC

WARRANTY AND SUPPORT

The BougeRV 12V Portable Refrigerator comes with a 2-year technical support warranty for the compressor and other accessories. For any questions or issues, please contact BougeRV customer support directly.

You may also be eligible to upgrade your warranty to a 3-year plan. Refer to the product documentation or scan the QR code provided in the user manual for details on warranty registration and upgrades.

For a digital copy of the user manual, you can access it via this link:[BougeRV User Manual \(PDF\)](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

