Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

BougeRV CR28

BougeRV 30 Quart Portable Refrigerator User Manual

Model: CR28 | Brand: BougeRV

Introduction

The BougeRV 30 Quart Portable Refrigerator (Model CR28) is a versatile compressor cooler designed for use in vehicles such as SUVs, trucks, RVs, campers, vans, and boats. It offers efficient cooling, low power consumption, and quiet operation, making it ideal for keeping food and beverages fresh or frozen on the go. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your unit.



Overall view of the BougeRV 30 Quart Portable Refrigerator.

Setup

Initial Setup

Upon receiving your BougeRV 30 Quart Portable Refrigerator, unpack all components. The package includes: the CR28 refrigerator unit, a removable partition board, a 10.82 ft DC power cord, a 6.56 ft AC power cord, and this user manual. Ensure all items are present and undamaged.

Before initial use, it is recommended to let the refrigerator stand upright for at least 6 hours to ensure proper operation of the compressor.

Power Connection

Your BougeRV portable refrigerator supports both 12V/24V DC and 110-240V AC power inputs. Use the provided DC power cord for vehicle connections (e.g., car cigarette lighter socket) or the AC power cord for standard wall outlets or compatible power stations.



Image showing the BougeRV portable refrigerator being powered by a solar power system, a 12V/24V DC car outlet, and an indoor 110V AC wall outlet. This illustrates the versatile power options available for the unit.

Temperature Settings

The refrigerator features an intuitive control panel for temperature adjustment. Use the '+' and '-' buttons to set your desired temperature. The unit can cool down to -8℉ and up to 50℉, allowing it to function as both a refrigerator and a freezer.



Image illustrating the temperature range of the BougeRV portable refrigerator, showing it can be set for refrigeration (32℉~50℉) or freezing (-8℉~32℉), allowing users to choose its function.

Operating Instructions

Basic Operation

To turn the unit ON/OFF, press and hold the power button for 3 seconds. The digital display will show the current internal temperature.

ECO/MAX Mode

The refrigerator offers two operating modes: ECO (Energy Saving) and MAX (Fast Cooling). Press the gear icon button to switch between these modes. ECO mode consumes approximately 36W, while MAX mode uses about 45W for quicker cooling.



Image depicting the energy efficiency of the BougeRV portable refrigerator, highlighting its low power consumption (less than 1kWh/day) in both ECO (36W) and MAX (45W) modes, with a visual representation of day and night usage.

Battery Protection

Equipped with a 3-level battery monitor (H/M/L modes), the refrigerator prevents draining your vehicle's battery. You can select the cut-off voltage at which the fridge will shut off to protect your battery.



Diagram illustrating the 3-level battery protection system (H, M, L modes) for the BougeRV portable refrigerator, showing different cut-off voltages for 12V car and 24V truck batteries to prevent over-discharge.

Fast Cooling

Thanks to its compressor refrigeration technology, the unit can cool from 77℉ to 32℉ in approximately 15 minutes. Note that cooling speed can vary based on ambient temperature and the initial temperature/quantity of contents.



Image demonstrating the fast cooling capability of the BougeRV portable refrigerator, showing it can cool from 77℉ to 32℉ in just 15 minutes under optimal conditions.

Capacity and Design

The 30 Quart (28L) capacity allows for ample storage. It can hold up to 35 cans of 12 fl oz cola, 9 bottles of 33.8 fl oz bottled water, or 2 bottles of 1 gallon milk (horizontally placed). Its sleek and space-saving design makes it easy to fit in various vehicle trunks.



Illustration detailing the capacity of the BougeRV 30 Quart refrigerator, showing it can hold 35 cans, 9 water bottles, 6 orange juice bottles, and 2 gallon milk bottles.

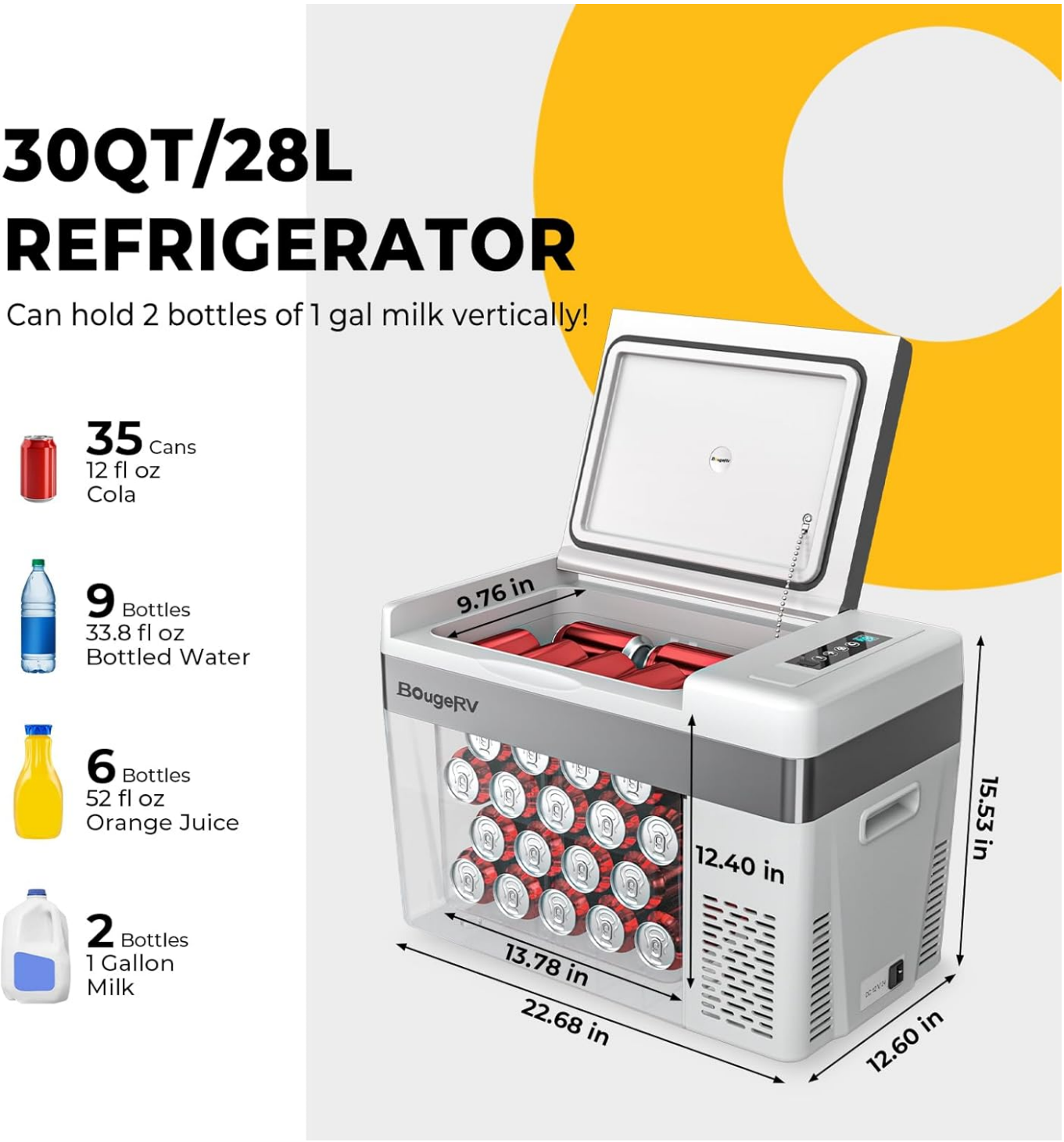


Image showing the sleek and space-saving design of the BougeRV portable refrigerator as it is placed into a car trunk.

Low Noise & Shock-Proof Design

The refrigerator operates with a low noise level of 45dB, ensuring a quiet environment. Its shock-proof design allows it to function without issues even on uneven roads or at inclinations up to 30°.

Official BougeRV video showcasing the 30 Quart portable refrigerator, highlighting its quiet operation and the convenience of not needing ice, making it suitable for various travel scenarios.

Maintenance

Cleaning

Regular cleaning is essential for optimal performance. Disconnect the power before cleaning. Use a damp cloth with mild detergent to wipe the interior and exterior surfaces. Do not use abrasive cleaners or immerse the unit in water. Ensure the unit is completely dry before reconnecting power.

Storage

When storing the refrigerator for extended periods, ensure it is clean and dry. Leave the lid slightly ajar to prevent odors and mildew. Store in a dry, well-ventilated area away from direct sunlight.

Troubleshooting

Common Issues

- **Unit not cooling:** Check the power connection and ensure the power source is active. Verify the temperature settings are appropriate for your needs. Ensure proper ventilation around the unit, avoiding direct sunlight.
- **Unusual noises:** Ensure the unit is placed on a stable, level surface. Check for any obstructions around the fan vents.

Error Codes

Refer to the full user manual for a comprehensive list of error codes and their corresponding troubleshooting steps.

Specifications

Feature	Detail
Model	CR28
Climate Type	T, ST, N, SN
Protection	III
Voltage	12V / 24V DC, 110-240V AC
Rated Power	45W
Rated Current	3.7A/1.8A
Refrigerant	R134a (28g)
Foaming Agent	Cyclopentane
Item Weight	24.1 pounds
Product Dimensions	22.7"D x 12.6"W x 15.5"H
Capacity	28 Liters (30 Quart)
Noise Level	45dB

Warranty and Support

The BougeRV 30 Quart Portable Refrigerator comes with a 2-year technical support warranty. For any questions or assistance, please reach out to BougeRV customer support.
For detailed contact information, please refer to the contact details provided in your physical user manual or on the official BougeRV website.

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

Open the live page

https://manuals.plus/asin/B08D9M14JG

More documents and user manuals: **https://manuals.plus/**