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› BougeRV CRPRO 21 Quart Portable Refrigerator User Manual

BougeRV CRPRO20

BougeRV CRPRO 21 Quart Portable Refrigerator User Manual

Model: CRPRO20 | Brand: BougeRV

1. INTRODUCTION

Thank you for choosing the BougeRV CRPRO 21 Quart Portable Refrigerator. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read this manual thoroughly before use and keep it for future reference.



Figure 1: BougeRV CRPRO 21 Quart Portable Refrigerator. This image shows the refrigerator with its lid open, revealing the interior filled with water bottles, demonstrating its storage capacity.

2. SETUP

2.1 Unpacking

Carefully remove the refrigerator from its packaging. Inspect the unit for any damage that may have occurred during transit. If any damage is found, do not use the appliance and contact customer support immediately.

2.2 Initial Placement

After unpacking, place the refrigerator upright on a flat, stable surface for at least 12 hours before plugging it in. This allows the compressor fluids to settle, ensuring proper operation and longevity of the unit.

2.3 Power Connection

Your CRPRO refrigerator supports both 12V/24V DC and 100-240V AC power inputs. Use the appropriate power cord

provided for your desired power source.

- **DC Power:** Connect the 12V/24V DC power cord (10.82 ft) to the refrigerator's DC input port and then to your vehicle's 12V/24V power outlet (cigarette lighter socket).
- **AC Power:** Connect the 100-240V AC adapter (6.56 ft) to the refrigerator's AC input port and then to a standard wall socket or compatible power station.

Your browser does not support the video tag.

Video 1: Overview of the BougeRV 12 Volt Refrigerator and its accessories, including power cords for both AC and DC connections. It demonstrates how to connect the unit and highlights its internal capacity.

3. OPERATING INSTRUCTIONS

3.1 Control Panel Overview

The control panel is located on the top of the unit and features a digital display and several buttons for operation. Refer to the labels on the panel for quick guidance.

3.2 Temperature Control

- **Power ON/OFF:** Hold the power button for 3 seconds to turn the unit on or off.
- **Adjust Temperature:** Use the '+' and '-' buttons to set your desired temperature. The temperature range is from -8°F to 50°F.
- **Fahrenheit/Celsius Switch:** Hold both the '+' and '-' buttons simultaneously for 3 seconds to switch between Fahrenheit (°F) and Celsius (°C).

3.3 Mode Selection (Max/Eco)

- Press the settings (gear) button to switch between MAX (fast cooling, 45W) and ECO (energy efficient, 36W) modes.

3.4 Battery Protection Modes (H/M/L)

The refrigerator is equipped with a battery preservation monitor to prevent full discharge of your vehicle's battery. Hold the settings (gear) button for 3 seconds to switch between High (H), Medium (M), and Low (L) protection modes.

- **High Mode:** Provides maximum protection for the battery, turning off the fridge at a higher voltage cut-off (e.g., 11.3V for 12V DC).
- **Low Mode:** Allows the fridge to use more battery energy, turning off at a lower voltage cut-off (e.g., 9.6V for 12V DC).

3.5 Internal LED Light

The refrigerator includes an interior LED light for convenient use at night or in low-light conditions.

INTERIOR LED LIGHT

Convenient for using the refrigerator at night



Figure 2: Interior LED Light. This image illustrates the bright LED light inside the refrigerator, making it easy to see contents in the dark.

3.6 Capacity & Usage

The 21-quart capacity (20 liters) is suitable for various items. The unit can function as both a refrigerator and a freezer, eliminating the need for ice.

- **Refrigerator Mode:** Ideal for keeping vegetables, fruits, beverages, and dairy fresh (recommended 32°F~50°F).
- **Freezer Mode:** Suitable for freezing meat, seafood, and ice cream (recommended -8°F~32°F).

Freezer or Fridge, You Decide!

*No Ice Needed

❄️ -8~50°F



Frozen Meat
-8°F~32°F



Refrigerated Beverages
32°F~50°F

Figure 3: Freezer or Fridge Functionality. This image illustrates the versatility of the unit, capable of maintaining temperatures from -8°F to 50°F for various food items.

Your browser does not support the video tag.

Video 2: Demonstration of the BougeRV 12 Volt Refrigerator's Max and Eco modes, showing how to switch between them and the power consumption difference. It also highlights the quiet operation and shock-proof design.

4. MAINTENANCE

4.1 Cleaning

- Unplug the refrigerator before cleaning.
- Use a wet cloth to clean the interior and exterior surfaces.
- Do not soak the refrigerator in water.

- Do not use abrasive cleaners or harsh chemicals.

4.2 Defrosting

Humidity can cause frost to build up inside the unit, which reduces cooling efficiency. To defrost:

- Turn off the power.
- Remove all contents.
- Wipe off the water with a soft cloth.
- Put the refrigerator back in use after it is completely dry.

4.3 Storage

If you will not use the refrigerator for an extended period:

- Turn off the power and unplug the unit.
- Remove all contents and clean thoroughly.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area away from direct sunlight.

5. TROUBLESHOOTING

If you experience any problems with the operation or use of the product, please refer to the following common issues before contacting support.

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord not connected; Power source issue; Temperature set too high.	Check power connections; Verify power outlet is working; Lower the temperature setting.
Unit making unusual noise	Unit not on a flat surface; Fan obstruction.	Place on a stable, flat surface; Check for and remove any obstructions around the fan vents.
Display not working	No power; Control panel malfunction.	Check power supply; Contact customer support if power is confirmed.

6. SPECIFICATIONS

Feature	Specification
Brand	BougeRV
Model	CRPRO20
Capacity	21 Quarts (20 Liters)

Feature	Specification
Item Weight	25.3 pounds
Product Dimensions	23 x 12.6 x 12 inches
Voltage	12V/24V DC, 100-240V AC
Wattage (Max Mode)	45 watts
Wattage (Eco Mode)	36 watts
Noise Level	45 dB
Defrost Type	Manual

7. WARRANTY AND SUPPORT

The CRPRO 12V refrigerator comes with a 2-year technical support warranty. For any product questions or assistance, please do not hesitate to contact BougeRV customer support.

Email: service@bougerv.com

Website: www.bougerv.com

Phone: +1 699 232 7427

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

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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