

BougeRV 3500BTU Air Conditioner

BougeRV 3500BTU Portable Air Conditioner Instruction Manual

Model: 3500BTU Air Conditioner

Brand: BougeRV

1. INTRODUCTION

Thank you for choosing the BougeRV 3500BTU Portable Air Conditioner. This versatile unit is designed to provide efficient cooling, dehumidification, and air circulation for various indoor and outdoor scenarios, including camping, van life, tents, and small rooms. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

2. KEY FEATURES

- **Powerful Cooling:** Delivers 3500BTU of cooling power, capable of dropping temperatures by 18°F in just 15 minutes in strong mode. Ideal for spaces up to 64.58 ft² (e.g., a 2-person tent). Adjustable temperature range from 61°F to 90°F.
- **Long-Range Airflow:** Experience effective cooling up to 10 feet away from the unit.
- **Multiple Control Options:** Conveniently operate the unit via the intuitive control panel, the included remote control, or the BougeRV mobile application.
- **Humanized Portability:** Equipped with an ergonomic handle for easy transport, making it suitable for diverse outdoor and indoor environments.
- **5-in-1 Functionality:** Offers Cooling, Dehumidifying, Fan, High Power Mode, and Sleep Mode. Includes a 24-hour timer for scheduled operation.
- **Quiet Operation:** Operates at a low noise level of 50 dB, ensuring minimal disturbance during use, especially in sleep mode.
- **Eco-Friendly Refrigerant:** Utilizes R-290 refrigerant for sustainable and environmentally conscious cooling.

3. WHAT'S INCLUDED

Your BougeRV Portable Air Conditioner package includes:

- 3500BTU Portable Air Conditioner Unit (x1)
- Power Adapter (x1)
- Drain Pipe (x1)
- Exhaust Duct (x1)
- Remote Control (x1)
- Instruction Manual (x1)



Figure 1: Included components of the BougeRV Portable Air Conditioner.

4. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	BougeRV

Model	3500BTU Air Conditioner
Cooling Power	3500 BTU
Item Weight	33.1 pounds
Product Dimensions	21.8 x 11.7 x 10.8 inches
Noise Level	50 dB
Voltage	110 Volts (AC)
Wattage	400 watts
Refrigerant	R-290
Power Source	Corded Electric

5. SETUP GUIDE

5.1 Unpacking and Initial Placement

Carefully remove all components from the packaging. Place the unit on a stable, flat surface. Ensure there is adequate space around the unit for proper airflow and heat dissipation.

5.2 Exhaust Duct Installation

The portable air conditioner generates hot exhaust air that must be vented outside the enclosed space to ensure efficient cooling. Failure to properly vent hot air will significantly reduce the unit's cooling performance.

1. Attach the exhaust duct adapter to the designated exhaust port on the rear of the unit. Ensure it clicks securely into place.
2. Extend the flexible exhaust duct and attach one end to the exhaust duct adapter on the unit.
3. Direct the other end of the exhaust duct outside through a window, tent opening, or other suitable ventilation point.
4. For optimal performance, use a window sealing kit (not included with all models) to prevent hot air from re-entering the cooled space.

Your browser does not support the video tag.

Video 1: Demonstrates the unboxing and setup of the BougeRV Portable Air Conditioner, including the exhaust hose installation.

Instant Chill Drop by 18°F in Just 15 Mins!


3500 BTU


15 Mins


2-Person Tent



*The portable AC in strong mode cools a 2-person camping tent from 86°F to 68°F, even when it's 86°F outside.

Figure 2: Rear view of the unit with the exhaust duct attached.

6. OPERATING INSTRUCTIONS

6.1 Control Panel Overview

The control panel on top of the unit allows for easy access to all functions. The digital display shows the current temperature setting.



Figure 3: Detailed view of the control panel with mode indicators.

6.2 Operating Modes

- **Cooling Mode:** Press the 'Mode' button until the snowflake icon is illuminated. Adjust desired temperature using the '+' and '-' buttons.
- **Fan Mode:** Press the 'Mode' button until the fan icon is illuminated. Adjust fan speed (F1, F2, F3) using the fan speed button.
- **Dehumidifying Mode:** Press the 'Mode' button until the water drop icon is illuminated. The unit will remove excess moisture from the air.
- **High Power Mode:** Activates maximum cooling power for rapid temperature reduction.
- **Sleep Mode:** Reduces noise level for quiet operation during sleep.

6.3 Remote Control and App Operation

The unit can be controlled remotely for convenience:

- **Remote Control:** Insert 2 AAA batteries (not included) into the remote. All functions available on the control panel can be accessed via the remote.
- **BougeRV App:** Download the BougeRV app from your smartphone's app store. Follow the in-app instructions to pair your device with the air conditioner. The app allows for full control of modes, temperature, fan speed, and timer settings from up to 32 feet away.

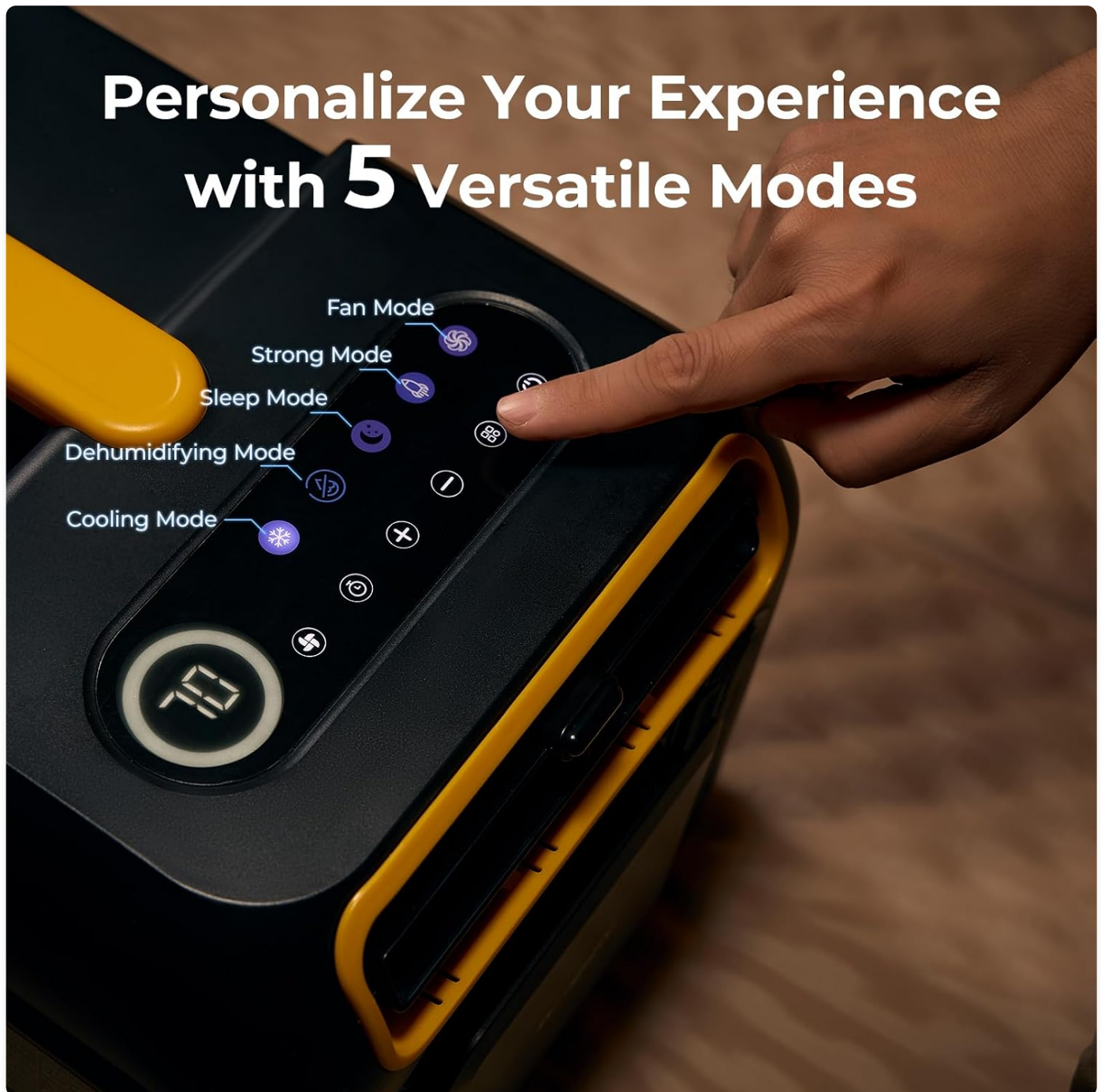


Figure 4: Remote and App control options for the unit.

7. MAINTENANCE

7.1 Filter Cleaning

Regularly clean the air filter to maintain optimal performance and air quality. The filter is located on the side of the unit and can be easily removed for cleaning with water or a vacuum cleaner.

7.2 Water Drainage

In dehumidifying mode or high humidity conditions, the unit will collect water. Connect the provided drain pipe to the

drainage port at the bottom of the unit to allow continuous drainage. Ensure the drain pipe is directed to a suitable container or outdoor area.

8. TROUBLESHOOTING TIPS

- **Unit not cooling effectively:** Ensure the exhaust duct is properly installed and venting hot air outside. Check if the air filter is clean. Verify that the temperature setting is lower than the ambient temperature.
- **Unit is noisy:** Check for any obstructions in the air intake or exhaust. Ensure the unit is placed on a stable, flat surface.
- **Water leakage:** Verify that the drain pipe is securely connected and not blocked. Ensure the unit is level.
- **Compressor protection:** If frequently changing modes, the compressor may enter automatic protection mode (wait 3-5 minutes before it restarts). If an immediate restart is needed, unplug the power for 1 minute then plug back in.
- **Low ambient temperature:** At low ambient temperatures, the temperature must be set to the minimum (61°F) to allow the compressor to start normally.

9. WARRANTY AND SUPPORT

The BougeRV 3500BTU Portable Air Conditioner comes with a **2-year technical support warranty**. For any product questions, technical assistance, or warranty claims, please do not hesitate to contact BougeRV customer support directly. Contact information can be found on the official BougeRV website or through your purchase platform.

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

