

AUSRANVIK APR-36T

AUSRANVIK 37 Quart Portable Fridge/Freezer Instruction Manual

Model: APR-36T

1. INTRODUCTION

Thank you for choosing the AUSRANVIK 37 Quart Portable Fridge/Freezer. This versatile appliance is designed to keep your food and beverages cool or frozen, making it ideal for vehicle use, camping, travel, fishing, and other outdoor activities. It operates on both 12/24V DC and 110V AC power sources, offering flexibility for various environments. Please read this manual thoroughly before operation to ensure proper use and maintenance.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the appliance:

- Do not operate the appliance if it is damaged or not functioning correctly.
- Ensure proper ventilation around the unit. Do not block air vents.
- Avoid exposing the control panel to water or excessive moisture to prevent electrical short circuits.
- If the refrigerator has been turned upside down, allow it to stand upright for at least 4-6 hours before plugging it in to allow the compressor oil to settle.
- Keep out of reach of children.
- Use only the provided power cords and adapters.
- Do not attempt to repair or modify the appliance yourself. Contact qualified service personnel.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- 1 x AUSRANVIK Portable Refrigerator Freezer
- 1 x DC power cord (12/24V)
- 1 x AC adapter (110-240V)
- 1 x Instruction guidance manual
- 1 x Protection film
- 1 x Designed Recycling Box (with handles)

4. PRODUCT OVERVIEW

Key Features

- **Large Capacity:** 37 Quart (35L) capacity with dual temperature zones for versatile storage.
- **Fast Cooling & Energy Saving:** Aluminum tank for rapid temperature drop and thick 1.37-inch insulation for extended cooling. Features an Econ Mode for energy efficiency.
- **Battery Protection:** Adjustable battery protection mode (High, Medium, Low) to prevent car battery exhaustion.
- **Multi-Purpose Power:** Compatible with 12/24V DC for vehicles and 110V AC for home use.
- **Anti-Pinching Design:** Enhanced lid design to prevent finger injury and a buffered closing mechanism for durability.

Visual Components



Figure 4.1: The AUSRANVIK 37 Quart Portable Fridge/Freezer in its closed state, highlighting the sleek design, top control panel, and sturdy side handles.



Figure 4.2: Rear view of the portable fridge, illustrating the power input ports for both AC (110V) and DC (12/24V)

connections, along with ventilation grilles.



Figure 4.3: An interior view of the portable fridge, showcasing its generous capacity filled with an assortment of bottled and canned beverages.



Figure 4.4: The interior of the fridge with the lid open, revealing the internal LED light that illuminates the contents for easy visibility.



Figure 4.5: An overhead perspective of the fridge's interior, highlighting the main cooling/freezing compartment and the smaller, typically warmer, secondary compartment.



Figure 4.6: A detailed view of the intuitive control panel located on the lid, featuring the digital display, temperature adjustment buttons, mode selection, battery protection settings, and a convenient USB charging port.



Figure 4.7: The front view of the portable fridge, emphasizing its sturdy construction and compact form factor when closed.

5. SETUP

5.1 Initial Placement

- Unpack the portable fridge and remove all packaging materials.

- Place the unit on a flat, stable surface. Ensure there is adequate space (at least 10 cm) around all sides for proper ventilation.
- If the unit was transported horizontally or upside down, let it stand upright for a minimum of 4-6 hours before plugging it in. This allows the compressor oil to settle, preventing potential damage.

5.2 Power Connection

- **For DC 12/24V (Car/Vehicle Use):** Connect the DC power cord to the DC input port on the fridge and then to your vehicle's 12V or 24V power outlet (cigarette lighter socket).
- **For AC 110V (Home/Wall Outlet Use):** Connect the AC adapter to the AC input port on the fridge, then plug the adapter into a standard 110V AC wall outlet.
- Ensure the power connection is secure before turning on the unit.

6. OPERATING INSTRUCTIONS

6.1 Control Panel Overview

The control panel allows you to manage all functions of your portable fridge. Refer to Figure 4.6 for button locations.

- **ON/OFF Button:** Press and hold to turn the unit on or off.
- **UP (+) / DOWN (-) Buttons:** Adjust the target temperature.
- **SWITCH (C/F) Button:** Toggle between Celsius (°C) and Fahrenheit (°F) temperature display.
- **SET Button:** Enter settings mode for advanced options (e.g., battery protection).
- **MODE Button:** Switch between MAX (fast cooling) and ECO (energy-saving) modes.
- **BATTERY PROTECTION Button:** Adjust battery protection level (High, Medium, Low).
- **UNLOCK Button:** Unlock the control panel if it's locked.
- **USB Port:** For charging external devices.

6.2 Temperature Adjustment

1. Ensure the unit is powered on.
2. Press the UP (+) or DOWN (-) buttons to set your desired temperature. The display will show the target temperature briefly before returning to the current internal temperature.
3. The temperature range is from -4°F to 50°F (-20°C to 10°C).

6.3 Battery Protection Mode

This feature prevents your car battery from being completely drained. When the input voltage drops below a set level, the compressor will automatically power off.

1. Press the BATTERY PROTECTION button to cycle through the protection levels: High (H), Medium (M), and Low (L).
2. Select the appropriate level based on your vehicle's battery condition and usage. High protection is recommended for starting batteries, while Low can be used with deep cycle auxiliary batteries.

6.4 Official Product Videos

No official seller-provided product videos are available for embedding at this time. Please refer to the

written instructions and diagrams for guidance.

7. MAINTENANCE

7.1 Cleaning

- Always unplug the unit before cleaning.
- Clean the interior and exterior surfaces with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents.
- Ensure the unit is completely dry before plugging it back in.
- Regularly check and clean the ventilation grilles to ensure proper airflow and prevent overheating.

7.2 Storage

- When not in use for an extended period, ensure the unit is clean and dry.
- Store the portable fridge in a cool, dry place, away from direct sunlight and extreme temperatures.
- Leave the lid slightly ajar to prevent odors and mold growth.

8. TROUBLESHOOTING

If you encounter issues with your portable fridge, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; loose connection; blown fuse; battery protection activated.	Check power cord connection; verify power outlet; check vehicle fuse; adjust battery protection level.
Cooling performance is poor	Blocked ventilation; excessive ambient temperature; lid not closed properly; too much content.	Clear vents; move to cooler area; ensure lid is sealed; reduce contents for better airflow.
Display shows error code	Internal fault; sensor issue.	Refer to the specific error code in the included instruction guidance or contact customer support.
Unit is noisy	Unit not level; fan obstruction; normal compressor operation.	Ensure unit is on a flat surface; check for obstructions around fan; some noise is normal during operation.

9. SPECIFICATIONS

Specification	Value
Brand	AUSRANVIK
Model	APR-36T
Capacity	37 Quarts (35 Liters)
Item Weight	36.7 pounds
Product Dimensions	27.8 x 14.4 x 15.2 inches
Voltage	12V/24V DC, 110V AC
Wattage	40 watts
Temperature Range	-4°F to 50°F (-20°C to 10°C)
Installation Type	Portable

10. WARRANTY AND SUPPORT

The AUSRANVIK Portable Fridge/Freezer comes with a manufacturer's warranty. For specific warranty terms, duration, and conditions, please refer to the warranty card included in your package or contact AUSRANVIK customer support directly. If you experience any issues or require assistance, please reach out to the manufacturer's support team through their official channels. Providing your model number (APR-36T) and purchase details will help expedite your request.