

ZOKOP BCD52

ZOKOP BCD52 Portable Compressor Car Refrigerator User Manual

Model: BCD52

INTRODUCTION

Thank you for purchasing the ZOKOP BCD52 Portable Compressor Car Refrigerator. This appliance is designed to provide efficient cooling and freezing for your food and beverages, suitable for both vehicle and home use. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the specifications of the refrigerator.
- Do not operate the appliance if the power cord is damaged. Contact qualified service personnel.
- Keep the ventilation openings clear of obstructions.
- Do not use electrical appliances inside the refrigerator unless they are of the type recommended by the manufacturer.
- Avoid placing the refrigerator in direct sunlight or near heat sources.
- When cleaning, disconnect the power supply.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.
- The refrigerator is designed to operate safely at angles up to 45° from horizontal.

PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and undamaged:

- 1 x ZOKOP BCD52 Refrigerator
- 1 x Internal Basket
- 1 x DC Power Cord (12/24V)
- 1 x AC Adapter for Home Use
- 1 x User Manual (this document)



Figure 1: Package contents. This image displays the ZOKOP BCD52 portable refrigerator, along with its DC power cord, AC adapter, and the user manual.

PRODUCT OVERVIEW

The ZOKOP BCD52 is a versatile portable refrigerator/freezer featuring a robust compressor cooling system. It is designed for ease of use and portability.



Figure 2: ZOKOP BCD52 Refrigerator with lid open. The image shows the interior of the refrigerator filled with various beverages and fruits, demonstrating its capacity.



Figure 3: Key features and components. This diagram highlights the control panel, handles, power input, and internal basket of the ZOKOP BCD52 refrigerator.

SETUP

1. **Unpacking:** Carefully remove the refrigerator from its packaging. Retain packaging for future transport or storage.
2. **Placement:** Place the refrigerator on a flat, stable surface. Ensure adequate ventilation around the unit, especially at the air intake and exhaust vents. Avoid direct sunlight or heat sources.
3. **Power Connection:**
 - **DC 12/24V (Car Use):** Connect the DC power cord to the refrigerator's DC input port and then to your vehicle's 12V or 24V power outlet (cigarette lighter socket).
 - **AC 110-240V (Home Use):** Connect the AC adapter to the refrigerator's AC input port, then plug the AC power cord into the adapter and a standard wall outlet.
4. **Initial Use:** After connecting power, press the ON/OFF button to start the refrigerator. Allow it to run for at least 30 minutes to reach the desired temperature before loading items.



Figure 4: Refrigerator in a vehicle. This image demonstrates the ZOKOP BCD52 refrigerator positioned securely in the trunk of an SUV, ready for travel.

OPERATING INSTRUCTIONS

Control Panel

The control panel allows you to manage the refrigerator's settings. Refer to Figure 5 for button identification.



Figure 5: Control Panel. This image provides a detailed view of the control panel, showing the temperature adjustment buttons, SET button, ON/OFF button, and the LED display.

- **ON/OFF Button:** Press to turn the refrigerator on or off.
- **Temperature Up (▲):** Press to increase the target temperature.
- **Temperature Down (▼):** Press to decrease the target temperature.
- **SET Button:** Press to enter temperature setting mode or to switch between ECO and MAX modes.
- **LED Display:** Shows the current internal temperature and other status indicators.

Setting Temperature

1. Turn on the refrigerator using the ON/OFF button.
2. Press the **SET** button once. The temperature display will flash.
3. Use the ▲ or ▼ buttons to adjust the desired temperature.
4. Press the **SET** button again or wait a few seconds for the setting to be saved automatically. The display will stop flashing.

Common Temperature Settings:

- Red wine storage: 10°C (50°F)
- Fruit: 4°C - 6°C (39°F - 43°F)

- Beverages: 2°C - 5°C (36°F - 41°F)
- Meat: -10°C (14°F)
- Ice cream: -15°C (5°F)

ECO / MAX Mode Selection

The refrigerator offers two operating modes for power consumption:

- **ECO Mode:** Energy-saving mode, suitable for maintaining temperature once reached.
- **MAX Mode:** Maximum cooling performance, ideal for rapid cooling or when ambient temperatures are high.

To switch between modes, press and hold the **SET** button for approximately 3 seconds. The display will show "ECO" or "MAX".

Battery Protection Mode

This feature protects your vehicle's battery from excessive discharge. There are three settings:

- **H3 (High):** Highest protection, refrigerator will cut off power at a higher battery voltage.
- **H2 (Medium):** Recommended for most car uses.
- **H1 (Low):** Lowest protection, allows the refrigerator to run longer before cutting off power. Use with caution to avoid draining the vehicle battery.

To adjust the battery protection mode, turn off the refrigerator. Then, press and hold the **SET** button for 3 seconds until the display shows "H1", "H2", or "H3". Use the ▲ or ▼ buttons to select the desired mode. The setting will be saved automatically after a few seconds.

MAINTENANCE

Cleaning

1. Always disconnect the power supply before cleaning.
2. Clean the interior and exterior surfaces with a damp cloth and a mild detergent. Avoid abrasive cleaners or solvents.
3. Ensure the ventilation openings are free from dust and debris. Use a soft brush or vacuum cleaner if necessary.
4. Do not rinse the refrigerator directly with water.
5. Dry all surfaces thoroughly before reconnecting power.

Storage

If the refrigerator will not be used for an extended period:

- Empty all contents and clean the interior.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Refrigerator not turning on	No power supply; Damaged power cord; Blown fuse in vehicle	Check power connection; Replace power cord; Check/replace vehicle fuse
Insufficient cooling	Temperature setting too high; Poor ventilation; Too many items loaded; Door not sealed properly; Ambient temperature too high	Lower temperature setting; Ensure clear vents; Reduce load; Check door seal; Move to cooler environment or use MAX mode
Display error codes	Internal sensor fault; Compressor issue	Disconnect power for 5 minutes and restart; If error persists, contact customer support
Excessive noise	Unit not level; Fan obstruction	Ensure unit is on a flat surface; Check for obstructions around the fan

SPECIFICATIONS



Figure 6: Product Dimensions. This diagram illustrates the external and internal measurements of the ZOKOP BCD52 refrigerator in both centimeters and inches.


Feature	Detail
Brand	ZOKOP
Model	BCD52
Effective Total Capacity	52 Liters (55 Quart / 1.82 CU.FT)
Power Supply	AC 110-240V / DC 12/24V
Temperature Range	-20°C to 10°C (-4°F to 50°F)
Refrigerant	R134a
Unit Dimensions (L x W x H)	69 x 34.5 x 52.4 cm (27.2 x 13.6 x 20.6 inches)
Net Weight	15.8 kg (34.8 lb)
Material	Plastic
Installation Type	Freestanding
Defrost System	Automatic
Special Features	Compact, Portable, Vibration resistant (up to 45° angle)

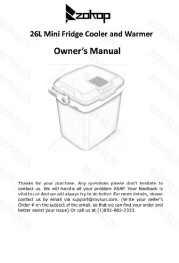



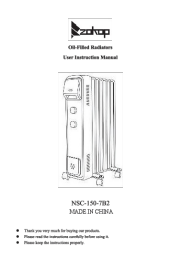
WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact ZOKOP customer service. Keep your purchase receipt as proof of purchase. For further assistance, please visit the official ZOKOP website or contact their customer support channels.

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Related Documents - BCD52

<div><p>Model JK-B-50D</p><p>Thanks for your purchase from ZOKOP. Customers can always find the instructions for use in the accompanying literature. Please read the instructions carefully, and follow the instructions carefully. For more details, please refer to the user manual. If you have any questions, please contact our customer service. Please refer to the user manual for more details. Please refer to the user manual for more details. Please refer to the user manual for more details.</p></div>	<p>Zokop Portable Car Refrigerator User Manual - JK-B-50D Operation and Troubleshooting Guide</p> <p>Comprehensive user manual for the Zokop portable car refrigerator, model JK-B-50D. This guide covers essential safety precautions, detailed operating instructions, temperature control settings, common troubleshooting solutions, and technical specifications for optimal use in vehicles and for camping.</p>
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 <p>26L Mini Fridge Cooler and Warmer Owner's Manual</p> <p>Model AQ-26L</p>	<p>Zokop 26L Mini Fridge Cooler and Warmer Owner's Manual</p> <p>Owner's manual for the Zokop 26L Mini Fridge Cooler and Warmer (AQ-26L). Provides detailed information on specifications, operation, tips, application, cleaning, maintenance, warnings, and troubleshooting for this portable 26-liter thermoelectric cooler and warmer.</p>
 <p>6L Mini Fridge Cooler and Warmer Owner's Manual - Operation and Maintenance Guide</p> <p>Model AQ-6L</p>	<p>ZOKOP 6L Mini Fridge Cooler and Warmer Owner's Manual - Operation and Maintenance Guide</p> <p>Comprehensive owner's manual for the ZOKOP 6L Mini Fridge Cooler and Warmer. Learn about product features, specifications, operation, troubleshooting, cleaning, and safety warnings for this portable thermoelectric cooler and warmer.</p>
 <p>UPRIGHT FREEZER Instruction Manual</p> <p>Model BD-40</p>	<p>zokop Upright Freezer BD-40 Instruction Manual</p> <p>Instruction manual for the zokop Upright Freezer, Model BD-40. Provides guidance on safety, installation, operation, features, food storage, care, cleaning, and troubleshooting.</p>
 <p>REFRIGERATOR Instruction Manual</p> <p>Model BCD-90</p>	<p>Zokop BCD-90 Refrigerator Instruction Manual</p> <p>Comprehensive instruction manual for the Zokop BCD-90 refrigerator, detailing safety precautions, installation steps, features, operation, maintenance, food storage guidelines, and troubleshooting tips.</p>
 <p>Oil-Filled Radiator User Instruction Manual</p> <p>Model NSC-150-7B2</p>	<p>Zokop NSC-150-7B2 Oil-Filled Radiator User Instruction Manual</p> <p>Comprehensive user manual for the Zokop NSC-150-7B2 oil-filled radiator, covering important safety instructions, method of use, installation, maintenance, and troubleshooting.</p>