

Alpicool C9PT

Alpicool C9PT Portable Car Freezer Cooler User Manual

Model: C9PT | Brand: Alpicool

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Alpicool C9PT Portable Car Freezer Cooler. Please read these instructions thoroughly before use and retain for future reference. This 10-quart unit is designed for cooling and freezing items, suitable for various applications including outdoor activities, camping, RV trips, and truck use.



Figure 1: Alpicool C9PT Portable Car Freezer Cooler (Black&Grey)

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in fire, electric shock, or injury.

- Ensure the power supply voltage matches the specifications of the appliance.
- Do not operate the appliance if the power cord is damaged. Contact qualified service personnel for repair.
- Keep the appliance away from heat sources and direct sunlight.
- Do not immerse the appliance in water or expose it to rain.
- Ensure adequate ventilation around the appliance to prevent overheating.
- Do not use electrical appliances inside the storage compartments unless they are of the type recommended by the manufacturer.
- Avoid placing corrosive or hazardous materials inside the freezer.
- Always disconnect the power supply before cleaning or performing maintenance.

3. PRODUCT OVERVIEW AND COMPONENTS

The Alpicool C9PT is a compact and efficient portable freezer cooler. Its external dimensions are approximately 16.75 x 12.56 x 9.88 inches, with a weight of 14.8 lbs, making it convenient for travel.

What's in the Box:

- Alpicool C9PT Car Refrigerator
- DC Power Cord (12/24V)
- AC Adapter with Power Cord (100-240V)
- User Manual



Figure 2: Included Components of the C9PT

Key Features:

- **10 Quart Capacity:** Can fit approximately 8 bottles of 18oz water or 12 cans of 12oz cola.
- **Lightweight Design:** Weighs 14.8 lbs for easy transport.
- **Dual Power Modes:** Operates on 12/24V DC and 100-240V AC.
- **Temperature Memory Function:** Retains last set temperature.
- **3-Level Battery Protection:** Protects vehicle battery from discharge.
- **Adjustable Temperature Range:** -4°F (-20°C) to 68°F (20°C).
- **Durable Construction:** Reliable sealing and high-density foam insulation.

PRODUCT



DETAILS



Door hinge system



LED Display



Dual use



Inner compartment



Heat Dissipation cover



Door lid

Figure 3: Detailed view of the C9PT's features including door hinge system, LED display, dual use, inner compartment, heat dissipation cover, and door lid.

4. SETUP

Initial Preparation:

1. Unpack the freezer and remove all packaging materials.
2. Clean the interior and exterior of the freezer with a damp cloth before first use.
3. Place the freezer on a stable, level surface, ensuring adequate ventilation around the unit. Avoid placing it in direct sunlight or near heat sources.

Power Connection:

The Alpicool C9PT supports multiple power supply modes:

- **12V/24V DC:** Connect the DC power cord to the freezer's DC input port and then to your vehicle's cigarette lighter socket or a compatible DC power source.
- **100-240V AC:** Connect the AC adapter to the freezer's AC input port, then plug the AC power cord into a standard wall outlet.
- **Power Station/Solar Panel:** The unit can also be powered by a compatible power station or solar

panel setup using the appropriate DC connection.

MULTIPLE POWER SUPPLY MODE

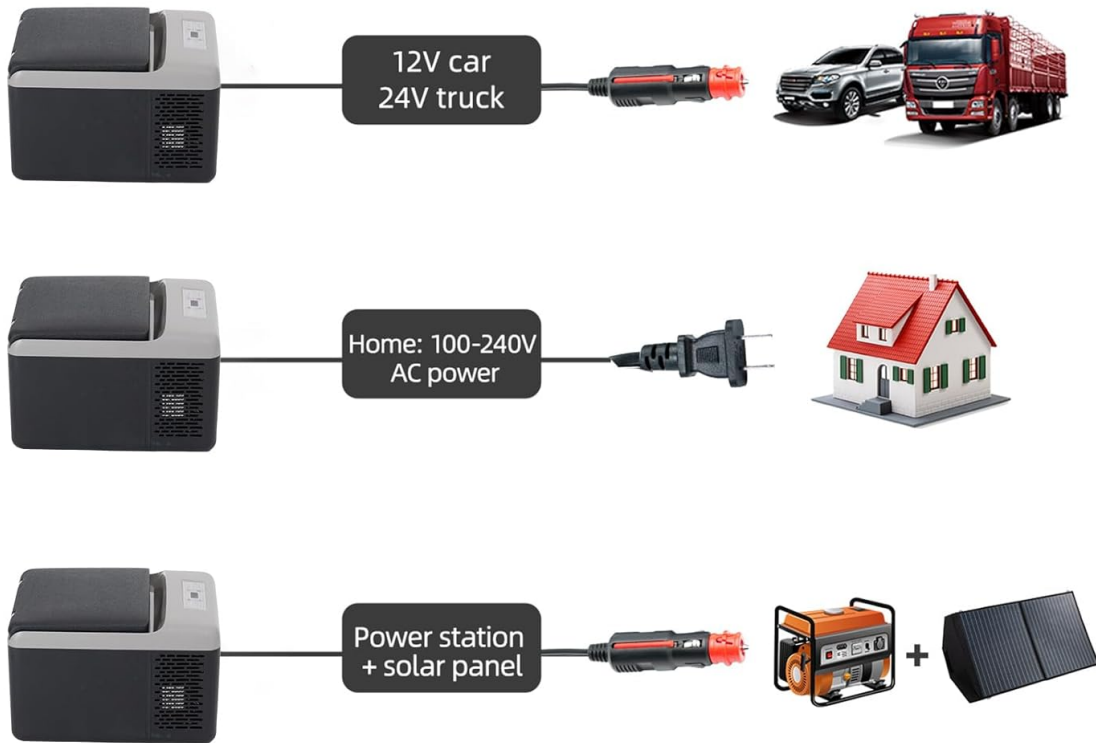


Figure 4: Illustration of various power connection options for the C9PT.

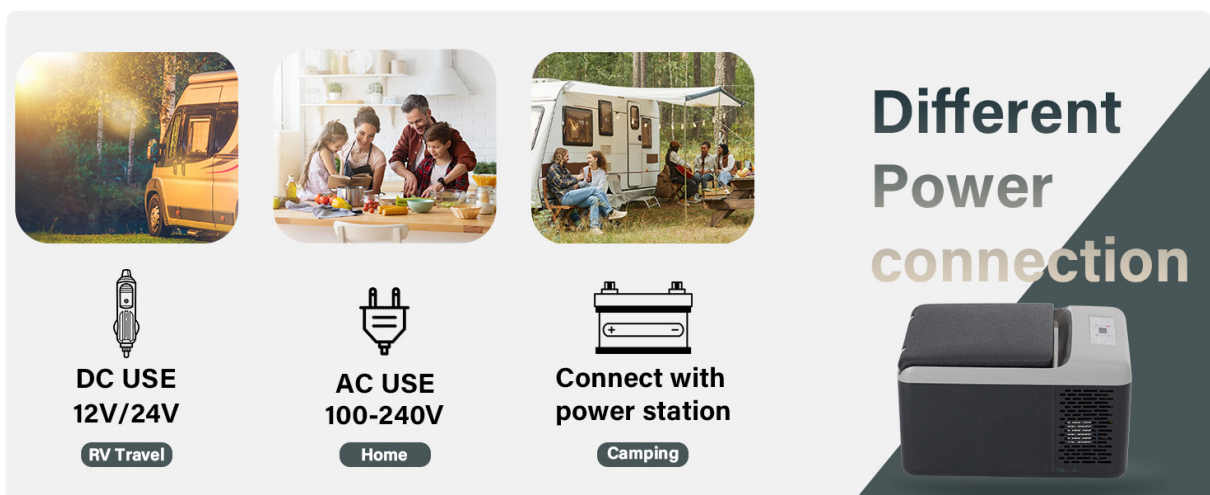


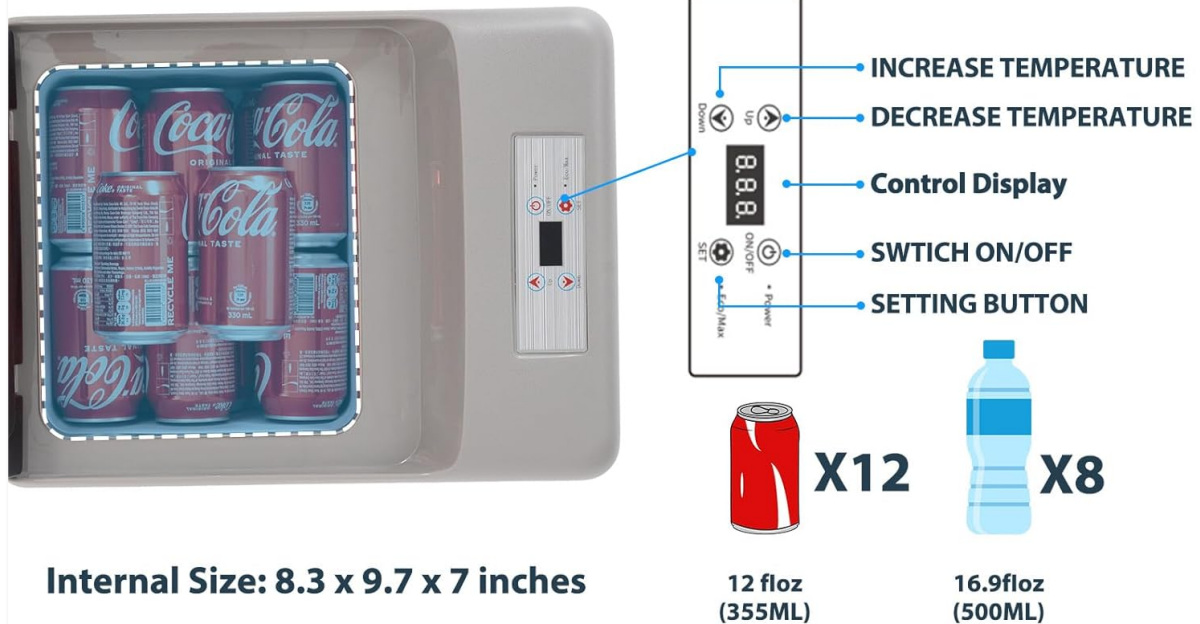
Figure 5: Visual guide for connecting the C9PT to DC (car/RV), AC (home), and power station (camping) sources.

5. OPERATING INSTRUCTIONS

Control Panel:

The control panel features an LED display and buttons for temperature adjustment and mode selection.

10 Quart Portable Car Fridge



Recommended temperature for common food







| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Drink | Fruits | Vegetable | Milk | Ice cream | Meat |
| 41°F | 41~46°F | 37~50°F | 50°F | 14°F | 0°F |

Figure 6: Control panel layout with buttons for increasing/decreasing temperature, power on/off, and setting mode. Also shows internal capacity for cans and bottles.


Temperature Settings:

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Adjust Temperature:** Use the 'Up' and 'Down' arrows to set the desired temperature between -4°F (-20°C) and 68°F (20°C). The display will show the current temperature.
- **Temperature Memory:** The unit will remember your last set temperature.

Cooling Modes:

Two cooling modes are available:


- **MAX Mode:** Provides fast cooling for quick temperature reduction.
- **ECO Mode:** Energy-saving mode for sustained operation and lower power consumption.



POWERFUL QUIET COMPRESSOR

Adjustable Temperature Range: -20°C~20°C
(-4°F~68°F)

AS A FRIDGE: 0°C~20°C(32°F~68°F)



AS A FREEZER: -20°C~20°C(-4°F~32°F)





Figure 7: The C9PT features a powerful and quiet compressor, capable of operating as a fridge (32°F-68°F) or freezer (-4°F-32°F).

Car Battery Protection:

The freezer includes a 3-level battery protection system to prevent your vehicle's battery from running down:




- Low (H1)
- Medium (H2)
- High (H3)

Select the appropriate level based on your vehicle's battery condition and usage. Refer to the voltage reference table in the specifications section for detailed cut-out and cut-in voltages.



3 LEVEL BATTERY PROTECTION MODE

Aims to protect your car battery from running out when its voltage is low

| Voltage Reference | | | | | |
|---|-------|---------|--------|---------|--------|
| Mode | Input | DC 12V | | DC 24V | |
| | | Cut Out | Cut In | Cut Out | Cut In |
|  Low Mode | | 8.5V | 10.9V | 21.3V | 22.7V |
|  Medium Mode | | 10.1V | 11.1V | 22.3V | 23.7V |
|  High Mode | | 11.1V | 12.4V | 24.3V | 25.7V |

!Note: This car fridge does not contain batteries and need to be connected to power source for use

Figure 8: Visual representation of the 3-level battery protection mode and its voltage reference table.

Official Product Video: Alpicool C9PT Portable Car Refrigerator Overview

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Video 1: This video provides a brief overview of the Alpicool C9PT Portable Car Refrigerator, showcasing its design and key features.

6. MAINTENANCE

Cleaning:

- Always disconnect the power supply before cleaning.
- Clean the interior and exterior with a damp cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals.
- Ensure the interior drain plug is securely closed during operation and open it for easy cleaning and draining when needed.
- Regularly clean the ventilation grilles to ensure proper airflow and prevent overheating.

Storage:

When not in use for an extended period, ensure the freezer is clean and dry. Store it in a cool, dry place with the lid slightly ajar to prevent odors and mold growth.

Official Product Video: Alpicool CHS Series Portable Refrigerator Features

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Video 2: This video demonstrates various features of the Alpicool CHS series, including handles, latch, power connections, control panel, drain plug, and capacity. While a different model series, many features are similar to the C9PT.

7. TROUBLESHOOTING

If you encounter issues with your Alpicool C9PT, please refer to the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
|-----------------------|---|---|
| Unit not turning on | No power supply; loose connection; blown fuse. | Check power connection; ensure power source is active; check vehicle fuse. |
| Insufficient cooling | Temperature setting too high; poor ventilation; excessive items inside; door not sealed properly. | Lower temperature setting; ensure clear airflow around vents; do not overfill; check door seal. |
| Error Code (e.g., F1) | Low voltage protection activated. | Adjust battery protection level (H1, H2, H3); ensure stable power supply. |
| Unusual noise | Unit not level; fan obstruction. | Place on a level surface; check for obstructions around the fan. |

If the problem persists after attempting these solutions, please contact Alpicool customer support.

8. SPECIFICATIONS

| Feature | Specification |
|---------|---------------|
|---------|---------------|

| Feature | Specification |
|---------------------------|---|
| Brand | Alpicool |
| Model | C9PT |
| Capacity | 10 Quarts (9.09 Liters) |
| Item Weight | 14.8 lbs (17.41 pounds shipping weight) |
| Product Dimensions | 16.75"W x 12.56"D x 9.88"H |
| Voltage | 12 Volts (DC), 100-240 Volts (AC) |
| Annual Energy Consumption | 130 Kilowatt Hours Per Year |
| Temperature Range | -4°F (-20°C) to 68°F (20°C) |
| Defrost System | Automatic |
| Material Type | Plastic |
| Special Feature | Portable |

Voltage Reference for Battery Protection:

| Mode | DC 12V | | DC 24V | |
|-------------|---------|--------|---------|--------|
| | Cut Out | Cut In | Cut Out | Cut In |
| Low (H1) | 8.5V | 10.9V | 21.3V | 22.7V |
| Medium (H2) | 10.1V | 11.1V | 22.3V | 23.7V |
| High (H3) | 11.1V | 12.4V | 24.3V | 25.7V |

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Alpicool website. Keep your purchase receipt as proof of purchase for any warranty claims.