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› Alpicool C12 Portable Freezer Instruction Manual

Alpicool C12

Alpicool C12 Portable Freezer Instruction Manual

Model: C12

Brand: Alpicool

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your Alpicool C12 Portable Freezer. This versatile appliance functions as both a refrigerator and a freezer, designed for portability and use in various environments such as vehicles, RVs, boats, and during camping or outdoor activities. Please read this manual thoroughly before first use to ensure optimal performance and longevity of your unit.



Image: The Alpicool C12 Portable Freezer with its lid open, showcasing a variety of fresh fruits and vegetables inside, demonstrating its capacity and use as a portable cooler.

SAFETY INFORMATION

- Ensure the power supply voltage matches the specifications of the appliance.
- Do not operate the unit if the power cord is damaged or if the unit shows signs of malfunction. Contact qualified service personnel.

- Keep the ventilation openings clear of obstructions to ensure proper airflow and prevent overheating.
- Avoid placing the unit in direct sunlight or near heat sources.
- Do not immerse the unit in water or expose it to heavy rain.
- Always disconnect the power supply before cleaning or performing maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

PRODUCT FEATURES

- **Versatile Cooling:** Achieves deep chilling down to -4°F (-20°C), functioning as both a refrigerator and a freezer.
- **Compact Capacity:** 13 Quarts (12 Liters) storage space, capable of holding approximately 10 bottles of 18oz water or 16 cans of 355ml cola.
- **Car Battery Protection:** Features a temperature memory function and three battery protection levels (Low, Medium, High) to prevent vehicle battery drain.
- **User-Friendly Design:** Equipped with a new LCD display panel and a USB socket for charging mobile devices.
- **Efficient Insulation:** Reliable sealing property construction with thick, high-density foam insulation ensures consistent cooling performance and energy saving.
- **Low Noise Operation:** Operates quietly, typically below 45dB.
- **Smart APP Control:** Allows for remote control and monitoring via a smartphone application.

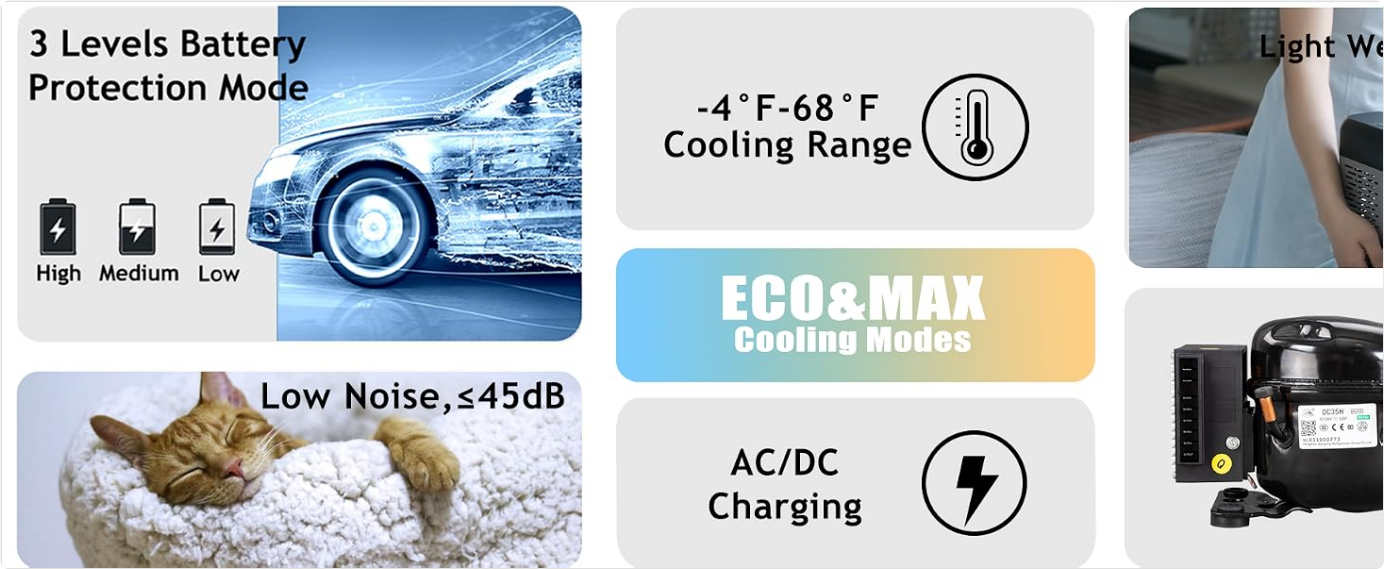


Image: Visual representation of key features including three battery protection levels, wide cooling range, ECO and MAX cooling modes, low noise operation, and AC/DC charging capability.

FAST COOLING TO -4°F/-20°C

Date based on 77°F(25°C) ambient temp and empty box



Image: A graph illustrating the rapid cooling capability of the Alpicool C12, showing it reaches -4°F (-20°C) from 77°F (25°C) ambient temperature in approximately 60 minutes when empty.

PACKAGE CONTENTS

Please check the package contents upon unpacking to ensure all items are present and undamaged:

- 1 x Alpicool C12 Portable Car Refrigerator
- 1 x 100-240V AC Adapter
- 1 x 12/24V DC Power Cord

WHAT'S IN THE BOX



1*Car Fridge



1*100-240V
AC Adapter



1*12/24V
DC Power Cord

Image: An illustration detailing the items included in the product package: the Alpicool C12 unit, its AC power adapter, and the DC power cord.

SETUP

Power Supply Modes

The Alpicool C12 supports multiple power input options for versatile use:

1. **Car Cigarette Lighter (DC 12V/24V):** Use the included DC power cable to connect the unit to your vehicle's cigarette lighter socket.
2. **Home Outlet (AC 100-240V):** Use the included AC power adapter to connect the unit to a standard home electrical outlet.
3. **Connecting Power Station (Optional):** The unit can also be powered by a solar panel or a portable battery station (not included) for off-grid use.

MULTIPLE POWER SUPPLY MODE



1

CAR CIGARETTE LIGHTER

DC 12/24v
DC Power Cable
(Included)



2

HOME OUTLET

AC 100-240V
AC Power Cable
(Included)



3

CONNECTING POWER STATION(OPTIONAL)

Solar panel
Battery Station



Image: An illustration demonstrating the various power input methods for the Alpicool C12, including connection to a car's cigarette lighter, a standard home outlet, and an optional external power station like a solar panel or battery.

Initial Placement

Place the portable freezer on a flat, stable surface. Ensure there is adequate ventilation around the unit, especially near the vent covers, to allow for proper heat dissipation.

OPERATING INSTRUCTIONS

Control Panel Overview

The unit features an intuitive LED touch control panel for easy operation.

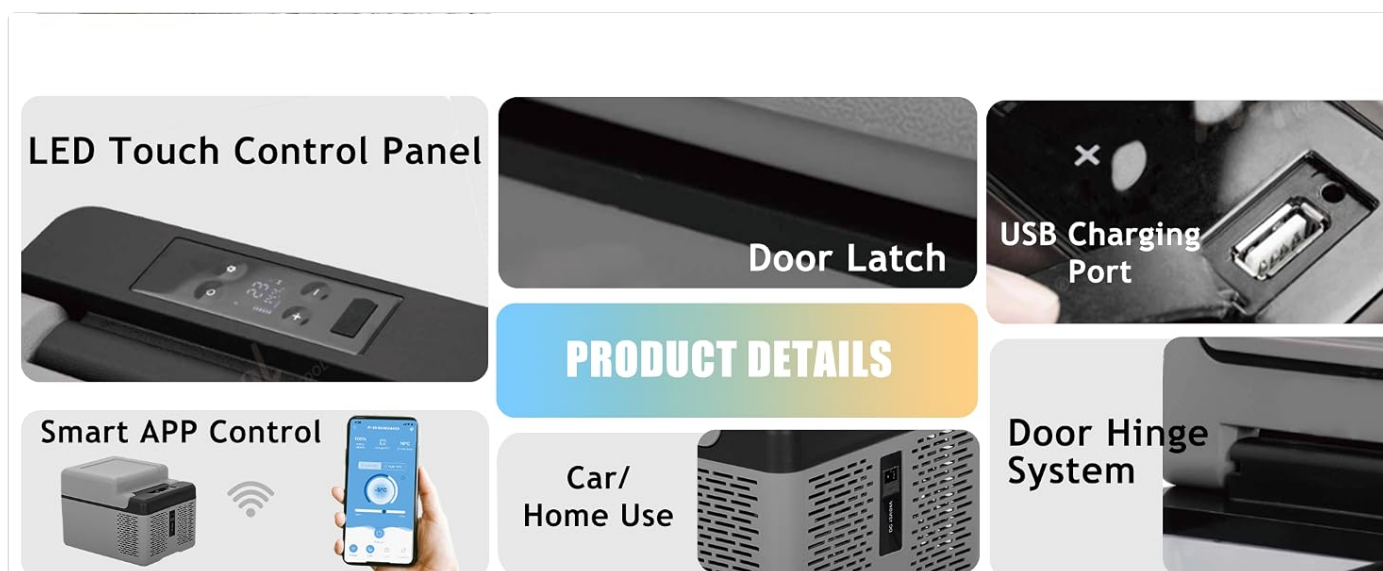


Image: A close-up view of the Alpicool C12's control panel, showing the LED display and touch buttons, along with other product details like the door latch, USB charging port, and door hinge system.

Temperature Setting

Use the '+' and '-' buttons on the control panel to adjust the desired temperature. The display will show the current internal temperature and the set temperature.

Battery Protection Mode

To protect your vehicle's battery from excessive discharge, the unit offers three battery protection levels:

- **High:** Provides maximum battery protection, suitable for sensitive vehicle batteries.
- **Medium:** Standard protection for most vehicle batteries.
- **Low:** Allows for longer operation, but with less battery protection. Use with caution or when connected to a dedicated power source.

Refer to the manual's specific section or the unit's display for instructions on how to switch between these modes.

Cooling Modes (ECO & MAX)

- **ECO Mode:** Energy-saving mode for efficient operation, suitable for maintaining temperature.
- **MAX Mode:** Provides maximum cooling power for rapid temperature reduction.

Smart APP Control

Download the Alpicool app from your smartphone's app store. Follow the in-app instructions to connect your device via Bluetooth for remote control and monitoring of the freezer.

MAINTENANCE

Cleaning

- Before cleaning, ensure the unit is unplugged from all power sources.
- Clean the interior and exterior surfaces with a damp cloth and a mild detergent. Avoid abrasive cleaners or solvents.
- Wipe dry thoroughly after cleaning.
- Regularly check and clean the ventilation openings to prevent dust buildup, which can affect cooling efficiency.

Defrosting

The Alpicool C12 features an automatic defrost system. However, if a significant layer of ice builds up, manually defrost the unit by

unplugging it and leaving the lid open until the ice melts. Drain any water and wipe the interior dry before restarting.

Storage

When storing the unit for an extended period, ensure it is clean and dry. Leave the lid slightly ajar to prevent odors and mold growth. Store in a dry, well-ventilated area.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; damaged power cord; faulty outlet.	Check power connections. Ensure outlet is functional. Inspect power cord for damage.
Unit not cooling effectively.	Blocked ventilation; excessive ambient temperature; lid not sealed properly; overfilled.	Ensure vents are clear. Move unit to a cooler area. Check lid seal. Do not overfill.
Display shows "F1" error.	Undervoltage protection activated (e.g., low vehicle battery).	Check the power source voltage. If using a vehicle battery, ensure it is sufficiently charged. Adjust battery protection mode to a lower setting if necessary (e.g., from High to Medium).
Unusual noise or vibration.	Unit not on a stable surface; internal component issue.	Place unit on a flat, stable surface. If noise persists, contact customer support.

SPECIFICATIONS

Attribute	Detail
Model Name	C12 (Item model number: C18P)
Brand	Alpicool
Capacity	12 Liters (13 Quarts)
Cooling Range	-4°F to 68°F (-20°C to 20°C)
Power Source	12/24V DC, 100-240V AC
Product Dimensions (L x W x H)	42.5 cm x 32 cm x 30.9 cm (16.7" x 12.6" x 12.2")
Net Weight	6.89 kg (15.21 lbs)
Defrost System	Automatic
Special Feature	Portable

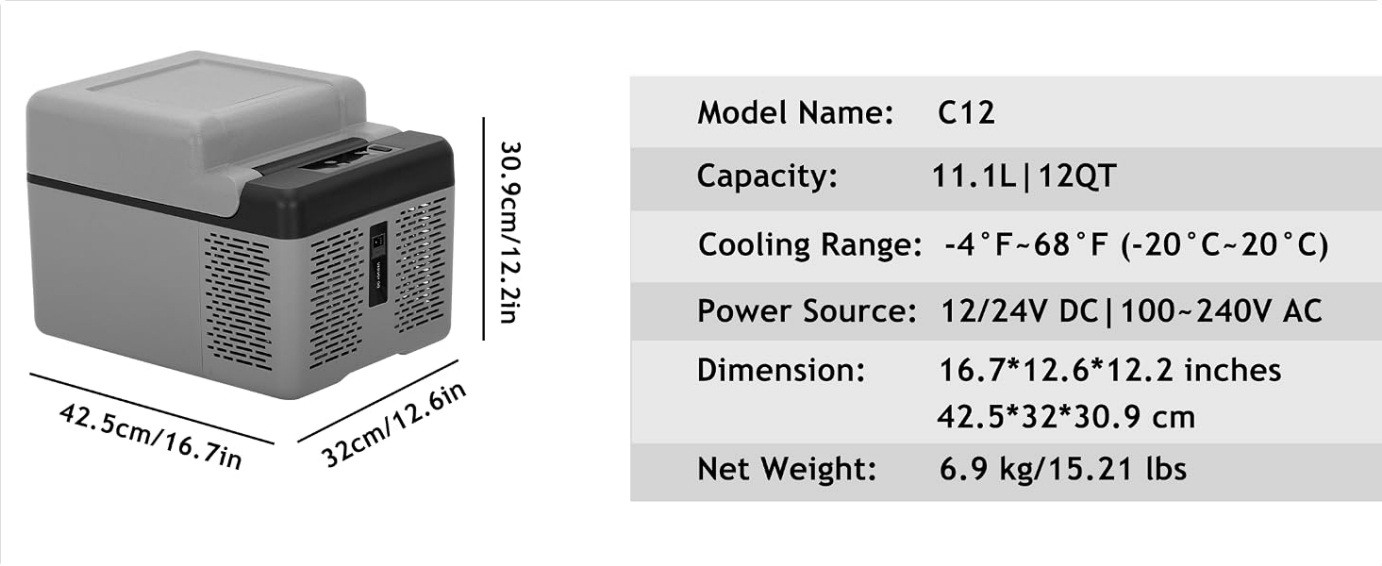


Image: A detailed table outlining the technical specifications of the Alpicool C12, such as its model name, capacity, cooling range, power source, physical dimensions, and net weight.

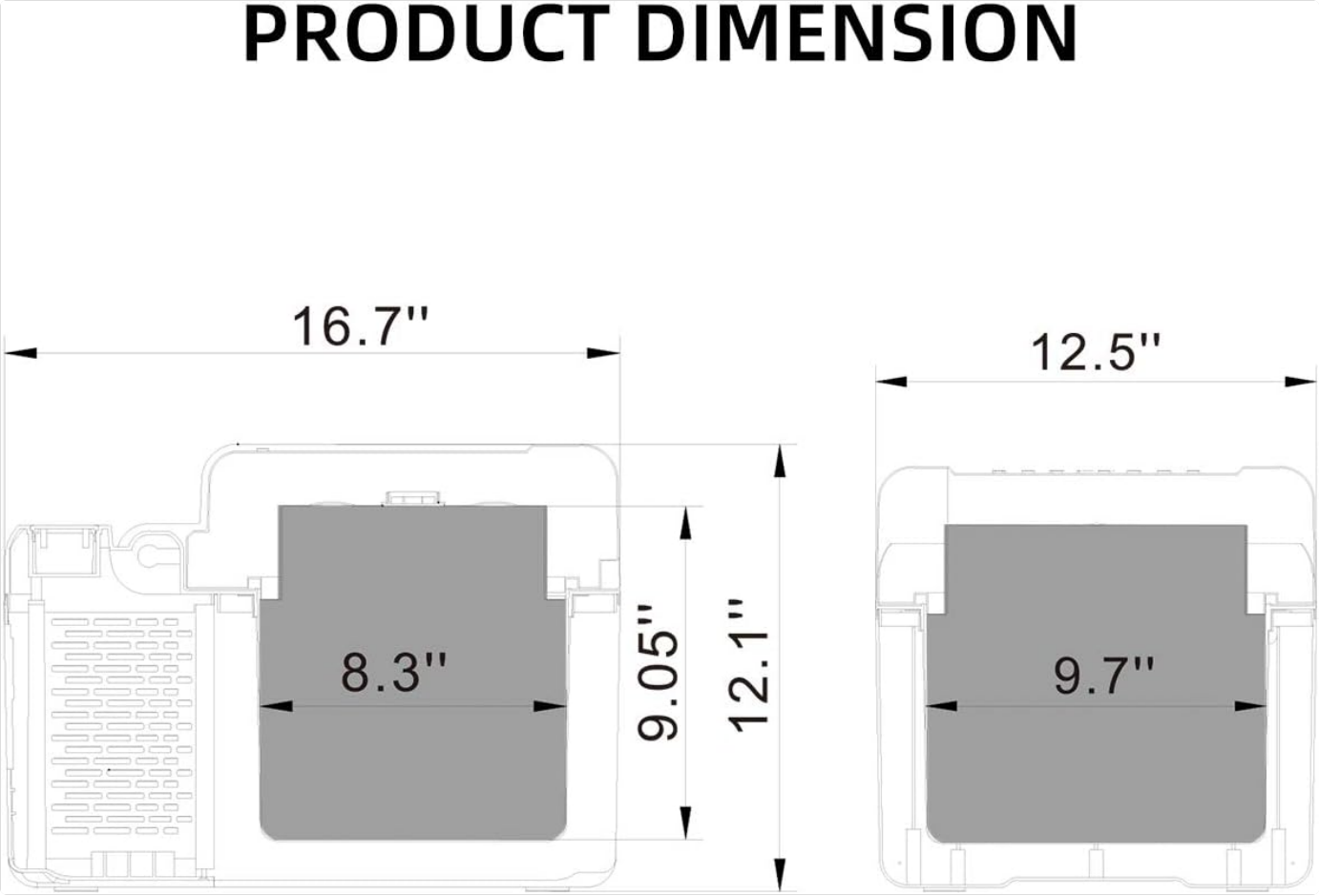


Image: A technical drawing showing the length, width, and height dimensions of the Alpicool C12 portable freezer.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Alpicool website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may contact Alpicool customer service through the contact information provided on their official channels.

