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› Alpicool CL30 Portable Car Freezer User Manual

Alpicool CL30

Alpicool CL30 Portable Car Freezer User Manual

Model: CL30 | Brand: Alpicool

1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using your Alpicool CL30 Portable Car Freezer. Retain this manual for future reference.

- Ensure the power supply voltage matches the specifications of the appliance (DC 12V/24V or AC 100-240V).
- Do not immerse the appliance in water or other liquids.
- Do not operate the appliance with a damaged cord or plug. If damaged, contact qualified service personnel.
- Keep ventilation openings clear of obstructions.
- Do not use electrical appliances inside the storage compartment unless they are of the type recommended by the manufacturer.
- Avoid placing hot food or liquids directly into the freezer without allowing them to cool first.
- 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.

2. PRODUCT OVERVIEW

The Alpicool CL30 Portable Car Freezer is a versatile cooling solution designed for various applications, including RVs, trucks, camping, and general outdoor use. It offers fast cooling performance and operates on both DC (12V/24V) and AC (100-240V) power sources.



Image: The Alpicool CL30 Portable Car Freezer with its lid open, showcasing the interior compartment and the black and orange color scheme.

Key Features:

- **30 Quart (28.6 Liter) Capacity:** Spacious enough to hold approximately 42 cans of 12oz cola or 21 bottles of 16.9oz water.
- **Detachable Two-Way Door:** The lid can be reversed to change the opening direction, offering flexibility in placement and access.
- **Integrated Cup Holders:** Conveniently located on the top surface to prevent spills.
- **Recessed Handles:** Molded into the freezer body for easy transport and carrying.

- **Durable Latch:** Ensures the door remains securely closed, even in moving environments.
- **Digital Display:** Provides clear temperature readings and control.
- **Adjustable Temperature Range:** Capable of chilling from -4°F (-20°C) to 68°F (20°C).
- **Three-Level Battery Protection:** H1, H2, and H3 settings to prevent vehicle battery drain.
- **Multiple Power Supply Modes:** Compatible with 12V/24V DC and 100-240V AC power sources.

Detachable Two-Way Door



Durable Latch



Recessed Handle



Cup Holders



Digital Display

Image: Close-up view highlighting the Alpicool CL30's features including the detachable two-way door, durable latch, recessed handle, cup holders, and digital display.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove the freezer from its packaging. Inspect for any damage during transit. Keep packaging materials for future storage or transport if needed.

3.2 Placement

Place the freezer on a stable, level surface. Ensure adequate ventilation around the unit, especially near the compressor and vents. Avoid direct sunlight or heat sources.

3.3 Power Connection

The Alpicool CL30 supports multiple power inputs:

- **DC 12V/24V:** Connect the DC power cord to your vehicle's cigarette lighter socket or a dedicated 12V/24V power outlet.
- **AC 100-240V:** Use the AC adapter to connect the freezer to a standard household power outlet.

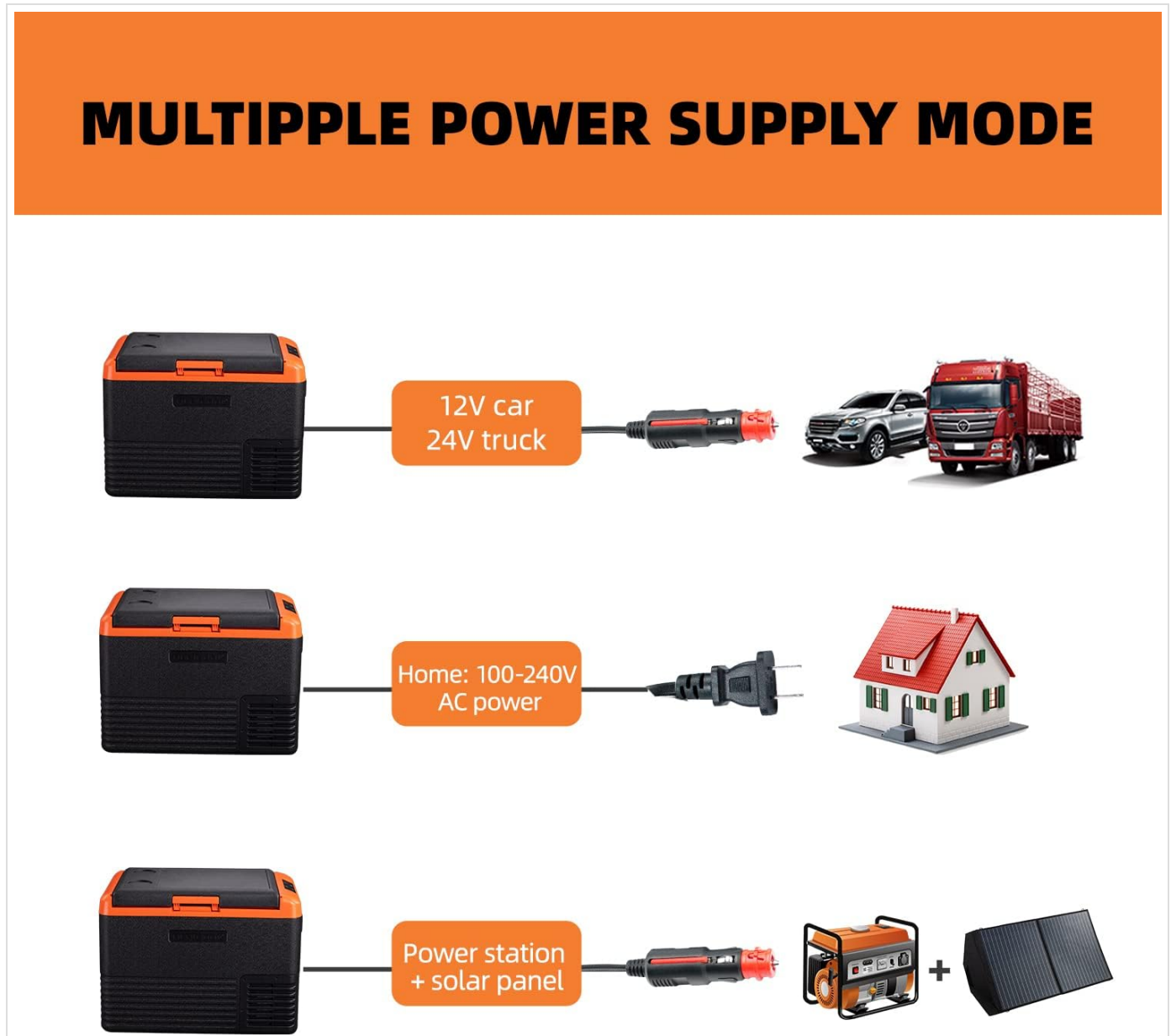


Image: A visual guide illustrating the various power supply options for the Alpicool CL30, including connections to a car, truck, home AC outlet, and a power station with a solar panel.

3.4 Detachable Door Reversal

The freezer lid is designed to be detachable and reversible. To change the opening direction, carefully detach the lid by lifting it off its hinges, rotate it 180 degrees, and reattach it to the desired side.

4. OPERATION

4.1 Powering On/Off

Press the power button on the control panel to turn the freezer on or off. The digital display will illuminate when the unit is active.

4.2 Temperature Setting

Use the '+' and '-' buttons on the control panel to adjust the desired temperature. The temperature range is from -4°F (-20°C) to 68°F (20°C). The display will show the current internal temperature.

ADJUSTABLE TEMPERATURE RANGE:

-4°F TO 68°F KEEP FRESH ALL THE TIME



Recommended temperature for common food

Drinks	Fruits	Vegetable	Delicatessen	Wine	Ice cream	Meat
41°F	41-46°F	37-50°F	39°F	50°F	14°F	0°F

Image: A chart detailing the adjustable temperature range of the freezer and a table with recommended temperatures for different food types, including drinks, fruits, vegetables, and meats.

4.3 Battery Protection Mode

The freezer features three levels of battery protection (H1, H2, H3) to prevent your vehicle's battery from running down. You can select the desired level via the control panel settings.

Battery Protection Levels (DC 12V / 24V)

Mode	Input	DC 12V Cut Out	DC 12V Cut In	DC 24V Cut Out	DC 24V Cut In
H1 (Low)	8.5V	10.9V	21.3V	22.7V	
H2 (Medium)	10.1V	11.4V	22.3V	23.7V	
H3 (High)	11.1V	12.4V	24.3V	25.7V	

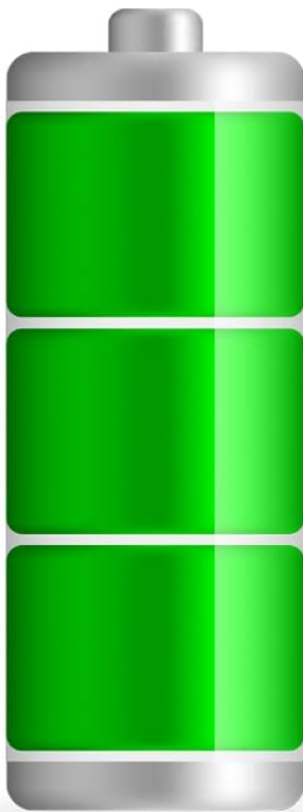
Choose a higher protection level (H3) if you are concerned about battery drain, or a lower level (H1) if you have a robust power source and want to maximize cooling time.



3 LEVEL BATTERY PROTECTION

REDUCE CAR BATTERY LOSS

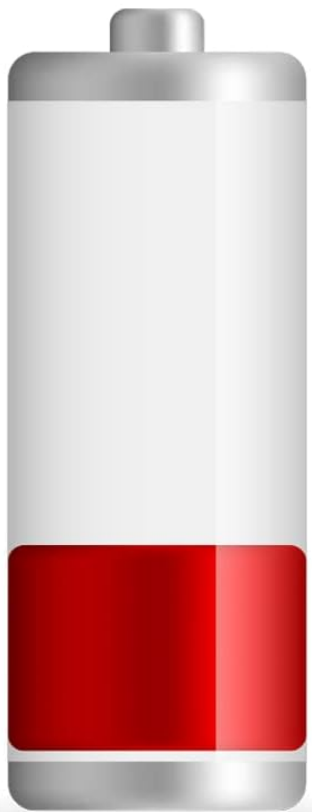
H3



H2



H1



MODE \ INPUT	DC 12V		DC 24V	
	CUT OUT	CUT IN	CUT OUT	CUT IN
H1	8.5V	10.9V	21.3V	22.7V
H2	10.1V	11.4V	22.3V	23.7V
H3	11.1V	12.4V	24.3V	25.7V

Image: A visual representation of the three battery protection levels (H1, H2, H3) and a table detailing the voltage cut-out and cut-in points for 12V and 24V DC power sources.

5. MAINTENANCE AND CARE

5.1 Cleaning

To clean the interior and exterior of the freezer:

- Disconnect the power before cleaning.
- Use a soft cloth dampened with mild detergent and warm water.
- Do not use abrasive cleaners, solvents, or harsh chemicals.
- Wipe dry thoroughly after cleaning.

5.2 Defrosting

The Alpicool CL30 features automatic defrost. However, if a significant layer of ice builds up, manually defrost the unit by turning it off and leaving the lid open until the ice melts. Wipe away excess water.

5.3 Storage

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

6. TROUBLESHOOTING

If you encounter issues with your Alpicool CL30, refer to the following common problems and solutions:

Troubleshooting Guide

Problem	Possible Cause	Solution
Freezer not turning on	No power supply; loose connection; blown fuse.	Check power cord connection; ensure power outlet is functional; check vehicle's fuse box.
Freezer not cooling sufficiently	Temperature setting too high; poor ventilation; excessive contents; lid not sealed properly.	Lower temperature setting; ensure clear ventilation; do not overfill; check lid seal.
Error code on display	Internal fault; sensor issue.	Refer to specific error code in a more detailed manual (if available) or contact customer support.
Vehicle battery draining	Battery protection mode set too low (H1).	Adjust battery protection mode to H2 or H3.

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

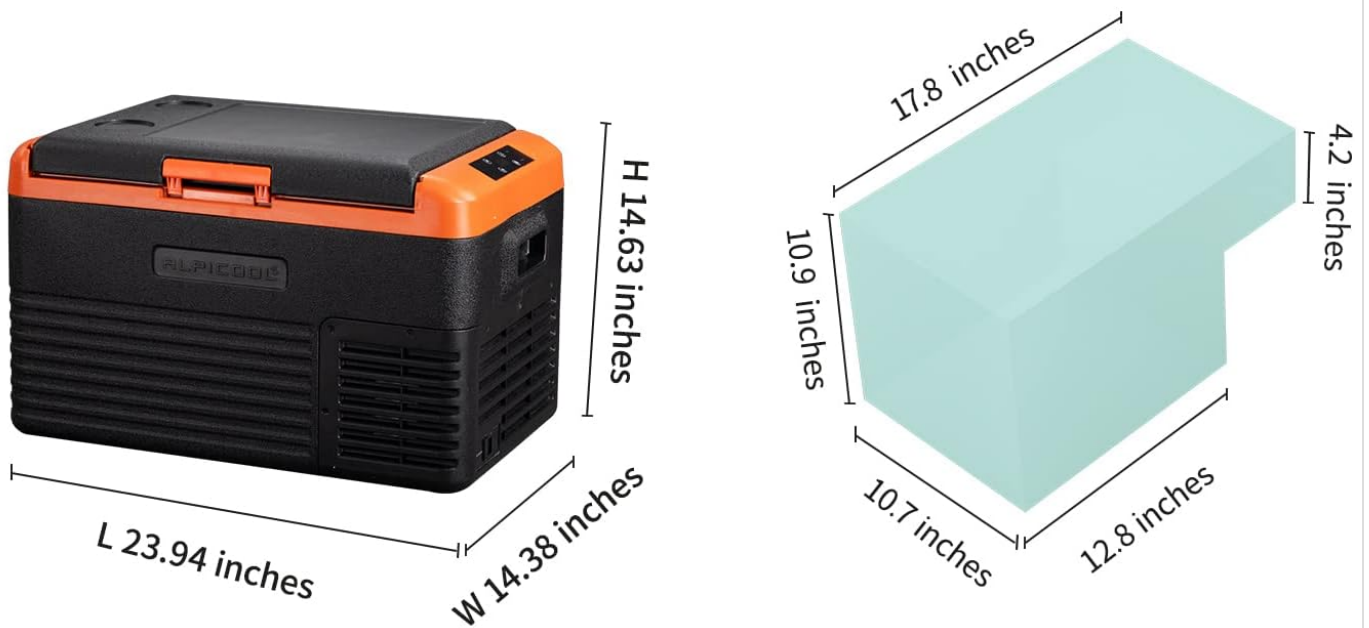
7. SPECIFICATIONS

Detailed technical specifications for the Alpicool CL30 Portable Car Freezer:

Specification	Detail
Brand Name	Alpicool
Model Info	CL30 Portable Car Freezer
Product Dimensions	14.38 x 23.94 x 14.63 inches (D x W x H)
Item Model Number	CL30 Portable Car Freezer
Capacity	30 Quarts (28.6 Liters)
Installation Type	Wall Mount (referring to mounting options, not necessarily fixed installation)
Part Number	CL30
Form Factor	Chest
Special Features	Portable
Color	Black
Voltage	12 Volts (DC) / 100-240 Volts (AC)
Defrost System	Automatic
Door Hinges	Reversible
Number Of Doors	1
First Available Date	March 7, 2023

30 QUART CAPACITY

(28.6 Liter)



330ml
x42

or



550ml
x21

or



750ml
x13

Image: A detailed diagram illustrating the external dimensions of the Alpicool CL30 freezer and its internal capacity, showing how many cans or bottles it can hold.

8. WARRANTY AND SUPPORT

Alpicool products are manufactured to high-quality standards. For specific warranty terms and conditions, 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 technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact Alpicool customer service through their official channels.