

[Manuals.plus](#) /

› [Alpicool](#) /

› Alpicool CL30 Portable Car Freezer User Manual

Alpicool CL30

Alpicool CL30 Portable Car Freezer User Manual

Model: CL30

1. INTRODUCTION

Thank you for choosing the Alpicool CL30 Portable Car Freezer. This versatile appliance is designed to provide efficient cooling and freezing for your food and beverages, whether you are on the road, camping, or enjoying outdoor activities. It operates on both 12/24V DC and 100-240V AC power, offering flexibility for various environments. Please read this manual thoroughly before use to ensure proper operation, maintenance, and safety.



Image 1.1: The Alpicool CL30 Portable Car Freezer, showcasing its capacity for various items.

2. SAFETY INSTRUCTIONS

To prevent injury to the user or damage to the product, please observe the following safety precautions:

- Ensure the power voltage matches the specifications of the appliance.
- Do not operate the freezer if the power cord is damaged or if the appliance shows signs of malfunction.
- Keep the ventilation openings clear of obstructions.
- Do not use electrical appliances inside the freezer unless they are of the type recommended by the manufacturer.
- Avoid placing the freezer in direct sunlight or near heat sources.

- 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.
-

3. PRODUCT FEATURES

The Alpicool CL30 is designed with user convenience and performance in mind:

- **30 Quart (28.6 Liter) Capacity:** Spacious interior capable of holding approximately 42 cans of 12oz cola or 21 bottles of 16.9oz water.
- **Fast Cooling Performance:** Achieves temperatures from -4°F (-20°C) to 68°F (20°C).
- **Dual Power Supply:** Operates on 12V/24V DC for vehicles and 100-240V AC for home use.
- **Detachable and Reversible Door:** The lid can be reversed to change the opening direction for convenience.
- **Recessed Handles:** Integrated handles for easy transport and carrying.
- **Cup Holder Design:** Conveniently place cold drinks on top to prevent spilling.
- **Durable Latch:** Ensures the door remains securely closed, even in shaking environments.
- **Low Noise Operation:** Designed to operate quietly, typically below 45dB.
- **Thick and High-Density Foam Insulation:** Provides reliable sealing and maintains cooling performance.
- **LED Display:** Intuitive control panel for temperature adjustment and mode selection.

30QT/28.6L CAPACITY



x42
12 oz
(355ml)

or



x21
16.9 oz
(500ml)

or

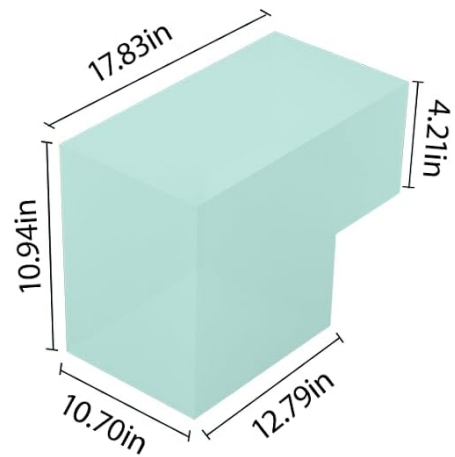


x13
25 oz
(750ml)

*All data are measured manually, please allow a certain degree of error



Internal Dimensions



Dimensions: Ince

Image 3.1: Capacity and dimensions of the Alpicool CL30.

Reversible doors

With flexible opening direction, you can install the doors on the left or right side.



Image 3.2: Detailed view of key features including recessed handles, detachable door, and cup holders.



Image 3.3: The reversible door design allows for flexible opening direction.

4. SETUP

Follow these steps for initial setup:

1. **Unpacking:** Carefully remove the freezer from its packaging. Retain packaging materials for future transport or storage.
2. **Placement:** Place the freezer on a flat, stable surface. Ensure adequate ventilation around the unit, especially around the air vents. Avoid placing it in direct sunlight or near heat sources.
3. **Power Connection:**
 - **For Vehicle Use (DC 12V/24V):** Connect the DC power cord to the freezer's DC input port and then to your vehicle's cigarette lighter socket.
 - **For Home Use (AC 100-240V):** Connect the AC adapter to the freezer's AC input port, then plug the AC power cord into a standard wall outlet.
4. **Initial Use:** After connecting power, the display will light up. It is recommended to run the freezer empty for a few hours to allow it to reach the desired temperature before loading items.

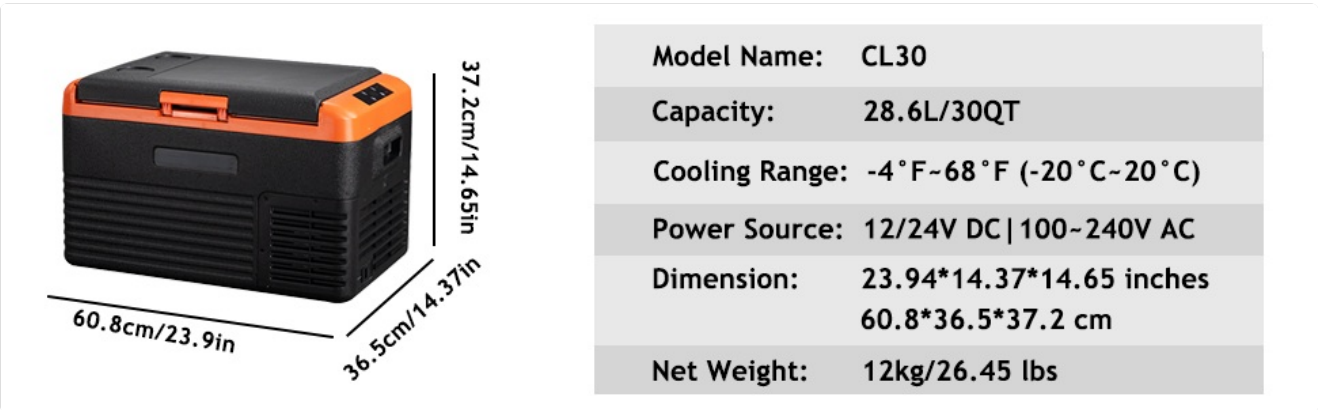


Image 4.1: Contents included in the product package.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the control panel and operating modes:

5.1. Control Panel

The control panel typically includes a power button, temperature adjustment buttons (+/-), and a mode selection button. Refer to the specific icons on your unit for exact functions.

5.2. Temperature Setting

Press the '+' or '-' buttons to adjust the desired temperature. The display will show the set temperature. The freezer can cool down to -4°F (-20°C) and warm up to 68°F (20°C).

5.3. Cooling Modes (ECO/MAX)

The freezer offers two cooling modes:

- **MAX Mode (60W):** Provides maximum cooling power for rapid temperature reduction. Ideal for initial cooling or when quick chilling is required.
- **ECO Mode (45W):** Energy-saving mode, suitable for maintaining temperature once the desired level is reached. This mode consumes less power.



Image 5.1: Comparison of ECO and MAX cooling modes.



Image 5.2: Cooling performance over time.

5.4. Car Battery Protection

The freezer features a multi-level battery protection system to prevent your vehicle's battery from running down. You can select from three levels:

- **H1 (Low):** Lowest cut-off voltage, allows the freezer to run longer but risks draining the battery more.
- **H2 (Medium):** Balanced protection.
- **H3 (High):** Highest cut-off voltage, provides maximum battery protection, ideal for sensitive vehicle batteries.

To change the battery protection level, typically press and hold the 'SET' button until the current level flashes, then use '+' or '-' to select the desired level.

WHAT'S IN THE BOX

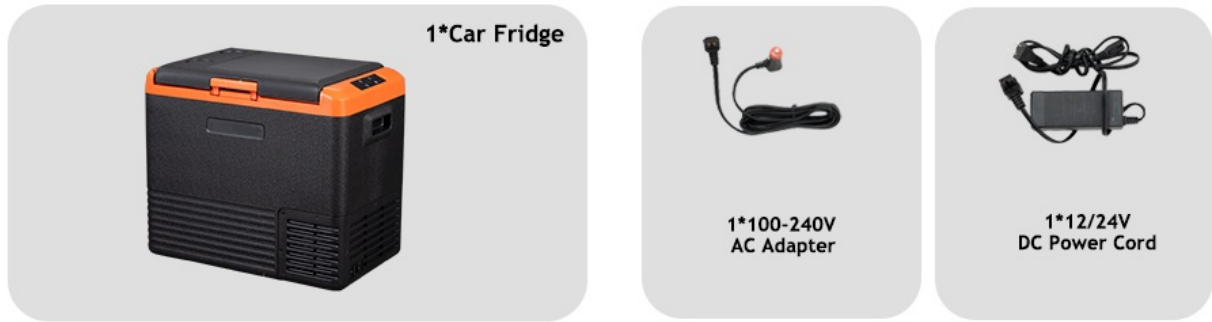


Image 5.3: Overview of advanced features including battery protection.

5.5. Multiple Power Supply Modes

The Alpicool CL30 supports various power sources:

- **Car Cigarette Lighter (DC 12V/24V):** Use the included DC power cable for vehicle operation.
- **Home Outlet (AC 100-240V):** Use the included AC power cable and adapter for indoor use.
- **Connecting Power Station (Optional):** Can be connected to a portable power station or solar panel setup for extended 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 5.4: Various power supply options for the freezer.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your freezer:

- **Cleaning:** Clean the interior and exterior of the freezer regularly with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.
- **Defrosting:** If a thick layer of ice forms inside, defrost the unit. Turn off the freezer, remove all contents, and leave the lid open to allow the ice to melt naturally. Wipe away melted water with a cloth.
- **Ventilation:** Periodically check and clean the ventilation openings to ensure they are free from dust and debris. This helps maintain efficient cooling.
- **Storage:** When not in use for extended periods, ensure the freezer is clean, dry, and the lid is slightly ajar to prevent odors and mold growth.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Freezer not turning on	No power supply; Damaged power cord; Blown fuse in vehicle.	Check power connection; Inspect power cord; Check vehicle's fuse box.
Not cooling sufficiently	Lid not closed properly; Overloaded with warm items; Poor ventilation; ECO mode selected.	Ensure lid is sealed; Allow time for cooling; Clear vents; Switch to MAX mode.
Displaying error code	Specific internal fault.	Refer to the specific error code in a more detailed technical manual or contact customer support.
Excessive noise	Unit not level; Fan obstruction.	Place on a flat surface; Check for obstructions around the fan.

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

8. SPECIFICATIONS

Key technical specifications for the Alpicool CL30 Portable Car Freezer:

Specification	Value
Brand Name	Alpicool
Model Info	CL30 Portable Car Freezer
Capacity	30 Quarts (28.6 Liters)
Product Dimensions	14.38 x 23.94 x 14.63 inches (D x W x H)

Specification	Value
Cooling Range	-4°F to 68°F (-20°C to 20°C)
Voltage	12 Volts (DC), 100-240 Volts (AC)
Defrost System	Automatic
Special Feature	Portable
Color	Black
Number of Doors	1



Model Name:	CL50
Capacity:	45.3L 48QT
Cooling Range:	-4 °F ~68 °F (-20 °C ~20 °C)
Power Source:	12/24V DC 100~240V AC
Dimension:	23.94*14.37*20.16 inches 60.8*36.5*51.2 cm
Net Weight:	13 kg/28.66 lbs

Image 8.1: Detailed specifications and dimensions for the CL30 model.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Alpicool website. Keep your purchase receipt as proof of purchase for any warranty claims. For direct inquiries, you may contact Alpicool customer service through their official channels. Details are typically available on the product packaging or the brand's official online store.