

Alpicool C15

Alpicool C15 Portable Car Freezer Instruction Manual

Model: C15 | Brand: Alpicool

INTRODUCTION

The Alpicool C15 Portable Car Freezer is a versatile and efficient cooling solution designed for various mobile and outdoor applications. Whether you're camping, traveling in an RV, or need reliable refrigeration in your truck or boat, the C15 offers powerful cooling and freezing capabilities without the need for ice. Its robust design and intelligent features ensure your food and beverages stay fresh and cold on the go.

PACKAGE CONTENTS

- Alpicool C15 Portable Car Freezer Unit
- DC Power Cable (12/24V)
- AC Power Adapter (100-240V)
- User Manual

PRODUCT FEATURES

- **Freezes Without Ice:** Achieves -4°F (-20°C) deep chilling performance, functioning as both a refrigerator and freezer.
- **Ample Storage Space:** With exterior dimensions of 22.4"x12.6"x10.2" and a 16-quart (15-liter) capacity, it can fit approximately 20 cans of cola.
- **Car Battery Protection:** Features a temperature memory function and 3 different battery protection levels (Low, Med, High) to prevent draining your vehicle's battery.
- **Durable & Lightweight:** Constructed from strong plastic material, making it light for easy transport yet highly durable.
- **Efficient Cooling:** Reliable sealing property and thick, high-density foam insulation ensure continuous cooling performance and super energy saving.

MULTI APPLICATION CAR FRIDGE

MEET DIFFERENT REQUIREMENTS

KEEP FOOD FRESH



50°F(10°C)
FRUIT AND VEGETABLE



32°F(0°C)
DRINKS



0°F(-17.7°C)
ICE CREAM



-4°F(-20°C)
MEAT AND SEA FOOD

Figure 1: Multi-Application Car Fridge - Suitable for fruits, vegetables, drinks, ice cream, meat, and seafood at various temperatures.

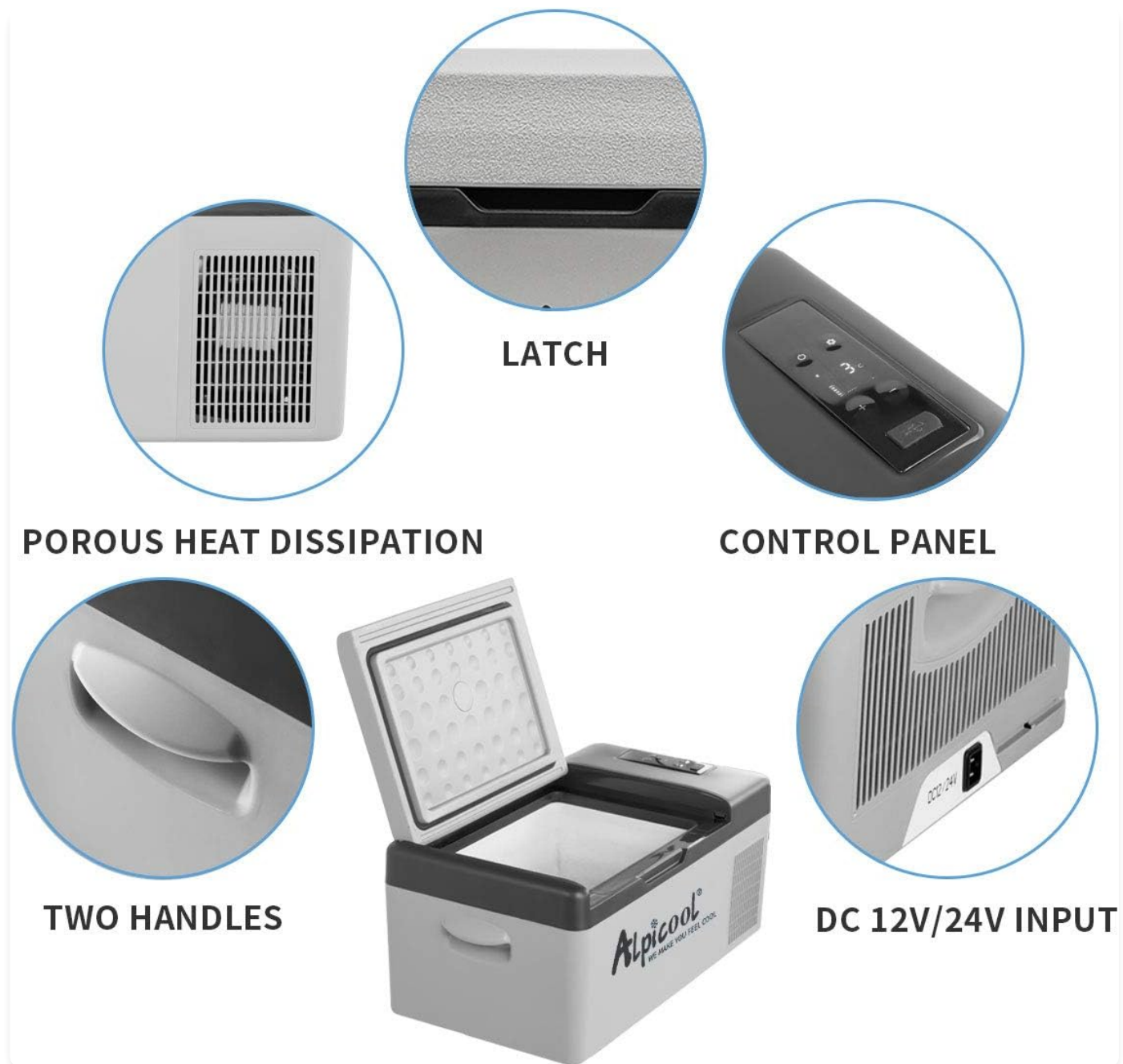


Figure 2: 16 Quart Capacity - Illustrates internal dimensions and examples of items it can hold.

SETUP & INSTALLATION

Before initial use, it is recommended to let the unit stand upright for at least 24 hours if it has been transported horizontally. This allows the compressor fluids to settle properly.

Power Connection

The Alpicool C15 supports multiple power supply modes:

- **12V/24V DC:** Connect to your car's cigarette lighter socket. Ensure your vehicle's 12V socket provides continuous power if you intend to use it while the engine is off.
- **100-240V AC:** Use the provided AC adapter to connect to a standard wall outlet for home or RV park use.
- **Portable Power Station:** Can be connected to a portable power station or solar panel setup for off-grid use.



Internal Dimension
13.8*9.7*7.3 inches

Net Weight
19 lbs

16 Quart Capacity

 **20 CANS***
12oz Cola

 **10 PACK***
18oz Water

 **6 BOTTLES***
25oz Red Wine

10.2 inches



12.6 inches

*ALL DATA ARE TESTED AND MEASURED BY MANUAL, PLEASE ALLOW 1-2MM(QUANTITY) ERROR

Figure 3: Multiple Power Supply Modes - Illustrates connections for car, home, and solar power stations.

Initial Setup

Once powered on, the unit will display the current internal temperature. You can adjust settings using the control panel on the top of the unit.

Your browser does not support the video tag.

Video: Alpicool C15 Portable 12 Volt Car Refrigerator - This video demonstrates the basic setup and features of the Alpicool C15, including power connections and control panel operation.

OPERATING INSTRUCTIONS

Temperature Control

Use the '+' and '-' buttons on the control panel to set your desired temperature. The unit can operate as a refrigerator (32°F~68°F) or a freezer (-4°F~32°F).

Battery Protection Settings

The unit features three battery protection levels (H1, H2, H3) to prevent excessive discharge of your vehicle's battery. You can select the desired level by pressing the 'SET' button for 3 seconds until 'H1', 'H2', or 'H3' appears, then cycle through the options. Higher settings offer more protection but may cause the unit to shut off sooner if battery voltage drops.

Stage	12V Input (Off/On)	24V Input (Off/On)
H1	9.6V off; 10.9V on	21.3V off; 22.7V on
H2	10.1V off; 11.4V on	22.3V off; 23.7V on
H3	11.1V off; 12.4V on	24.3V off; 25.7V on

Advanced Settings (Hidden)

To access advanced settings, power off the unit, then press and hold the 'SET' button for 3 seconds until 'E1' appears. Use the 'SET' button to cycle through settings E1-E5. Use '+' and '-' to adjust values.

- **E1: Lowest Temperature Setting** (-40°C to Highest Temperature Setting)
- **E2: Highest Temperature Setting** (Lowest Temperature Setting to +20°C)
- **E3: Temperature Return Setting** (1-10°C, default 3°C)
- **E4: Soft Start Setting** (0-10 minutes, default 2 minutes)
- **E5: Fahrenheit and Celsius Setting** (F or C)

Note: Some users have reported discrepancies between the displayed temperature and actual internal temperature, especially at lower settings. Using an external thermometer is recommended for precise temperature monitoring.

MAINTENANCE

- **Cleaning:** Regularly clean the interior with a damp cloth and mild detergent. Avoid abrasive cleaners.
- **Defrosting:** If ice builds up, turn off the unit and allow the ice to melt naturally. Do not use sharp objects to remove ice.
- **Ventilation:** Ensure the ventilation grilles on the sides of the unit are not blocked to allow for proper heat dissipation.

TROUBLESHOOTING

- **Plastic Odor:** A strong plastic odor may be present upon unboxing. This typically dissipates within a couple of days of operation.
- **Temperature Inaccuracy:** If the displayed temperature seems inaccurate, especially at freezing temperatures, consider using the hidden E6-E8 settings for temperature compensation (refer to advanced settings table in the user manual for details).
- **Power Cord Issues:** Ensure the power cord is securely seated in the unit's socket. A loose connection can cause intermittent power or F1 error codes.
- **F1 Error Code:** This often indicates insufficient power supply. Try switching to a lower battery protection mode (H1 or H2) or ensure a stable power source.

SPECIFICATIONS

Feature	Detail
Brand	Alpicool

Feature	Detail
Model	C15
Capacity	16 Quarts (15 Liters)
Temperature Range	-4°F~68°F (-20°C~20°C)
Power Input	12V/24V DC, 100-240V AC
Wattage	45 watts
Item Weight	18.9 pounds
Product Dimensions	23.62 x 12.6 x 10.24 inches
Defrost System	Frost Free

WARRANTY & SUPPORT

Alpicool products typically come with a manufacturer's warranty. Please refer to your product's warranty card or contact Alpicool customer support for specific details regarding warranty coverage and service.

For further assistance, troubleshooting, or to inquire about replacement parts, please visit the official Alpicool website or contact their customer service team.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

