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› Alpicool K Series Car Freezer (26 Quart) Instruction Manual

Alpicool K Series

Alpicool K Series Car Freezer (26 Quart)

INSTRUCTION MANUAL

Model: K Series | Brand: Alpicool

Product Overview

The Alpicool K Series Car Freezer is a versatile portable refrigeration unit designed for vehicle use, camping, and other outdoor activities. It functions as both a refrigerator and a freezer, offering flexible temperature control to keep your food and beverages fresh or frozen. This manual provides essential information for the safe and efficient operation and maintenance of your Alpicool K Series Car Freezer.



Image: The Alpicool K Series Car Freezer, showcasing its internal capacity filled with various items, highlighting its practical use.

Setup and Installation

1. Unpacking

Carefully remove the car freezer from its packaging. Inspect the unit for any signs of damage during transit. Retain the packaging for future storage or transport.

2. Placement

Place the car freezer on a stable, level surface. Ensure adequate ventilation around the unit, especially near the air intake and exhaust vents, to prevent overheating and ensure efficient operation. Avoid placing it in direct sunlight or near heat sources.

3. Power Connection

The Alpicool K Series supports multiple power supply options:

- **DC 12V/24V:** Connect to your vehicle's cigarette lighter socket. This is ideal for use in cars, trucks, RVs, or boats.
- **AC 100-240V:** Use the provided AC adapter to connect to a standard household power outlet.
- **Portable Power Station/Solar Panel:** The unit can also be powered by a compatible portable power station or solar panel setup for off-grid use.

MULTIPLE POWER SUPPLY MODE

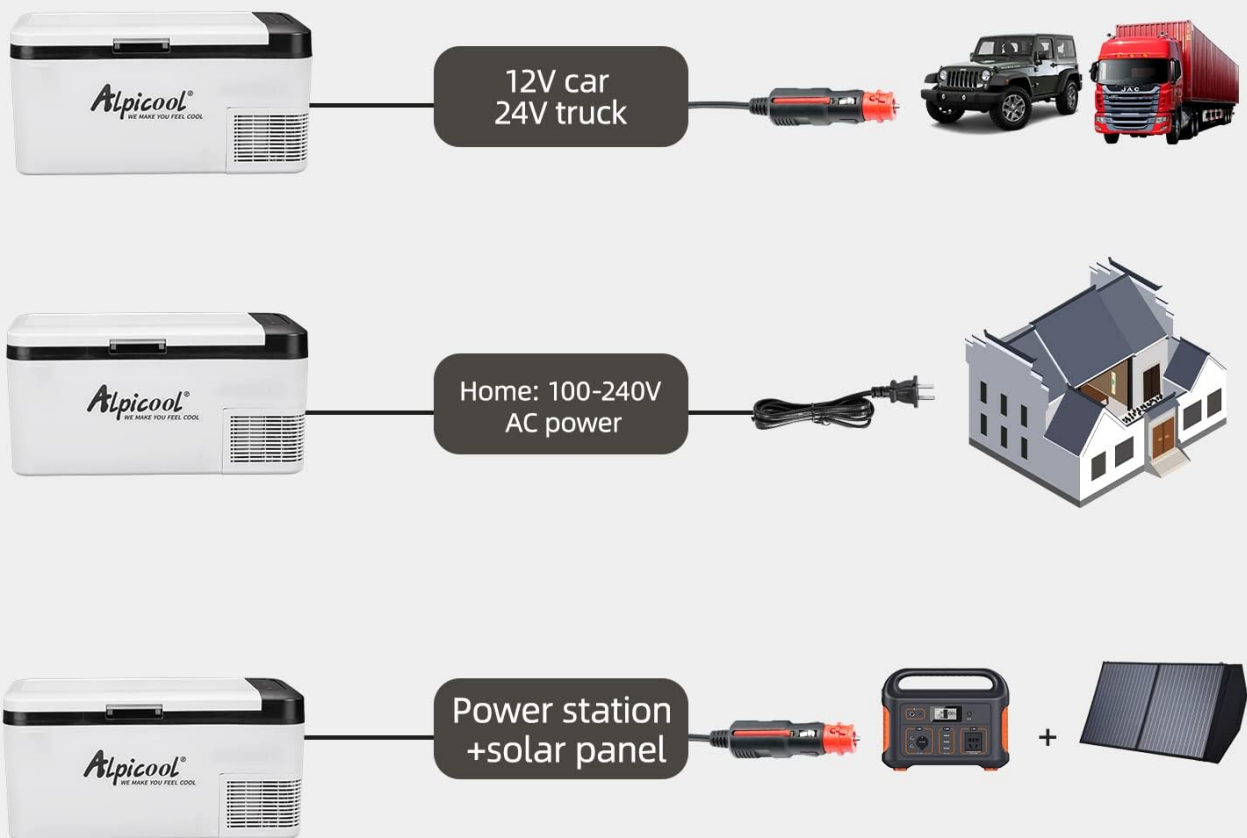


Image: Illustration of the various power sources compatible with the Alpicool K Series Car Freezer, demonstrating its versatility. Ensure the power cable is securely connected to the unit's DC 12V/24V input port. The unit also features a USB charging port for charging small electronic devices.



**POROUS
HEAT DISSIPATION**



LATCH



CONTROL PANEL



TWO HANDLES



DC 12V/24V INPUT



CHAIN



DRINGE



LED LIGHT

Image: Detailed view of the Alpicool K Series Car Freezer's features, including the power input and control panel.

4. Initial Operation

After connecting to power, press the power button on the control panel to turn on the unit. The LCD display will show the current internal temperature. Allow the unit to cool down for at least 15-30 minutes before loading it with items.

Operating Instructions

1. Control Panel and Temperature Adjustment

The unit features a touch screen LCD control panel. Use the '+' and '-' buttons to adjust the desired temperature. The display will show the set temperature. Press the settings button to cycle through different modes or settings.

Your browser does not support the video tag.

Video: Demonstrates the Alpicool K Series Portable Fridge Freezer in use, highlighting its features such as the control panel, internal storage, and quick cooling capabilities.

2. Cooling Performance

The Alpicool K Series can cool from 68°F (20°C) to 32°F (0°C) in approximately 15 minutes. It can function as both a refrigerator and a freezer, reaching temperatures as low as -4°F (-20°C).

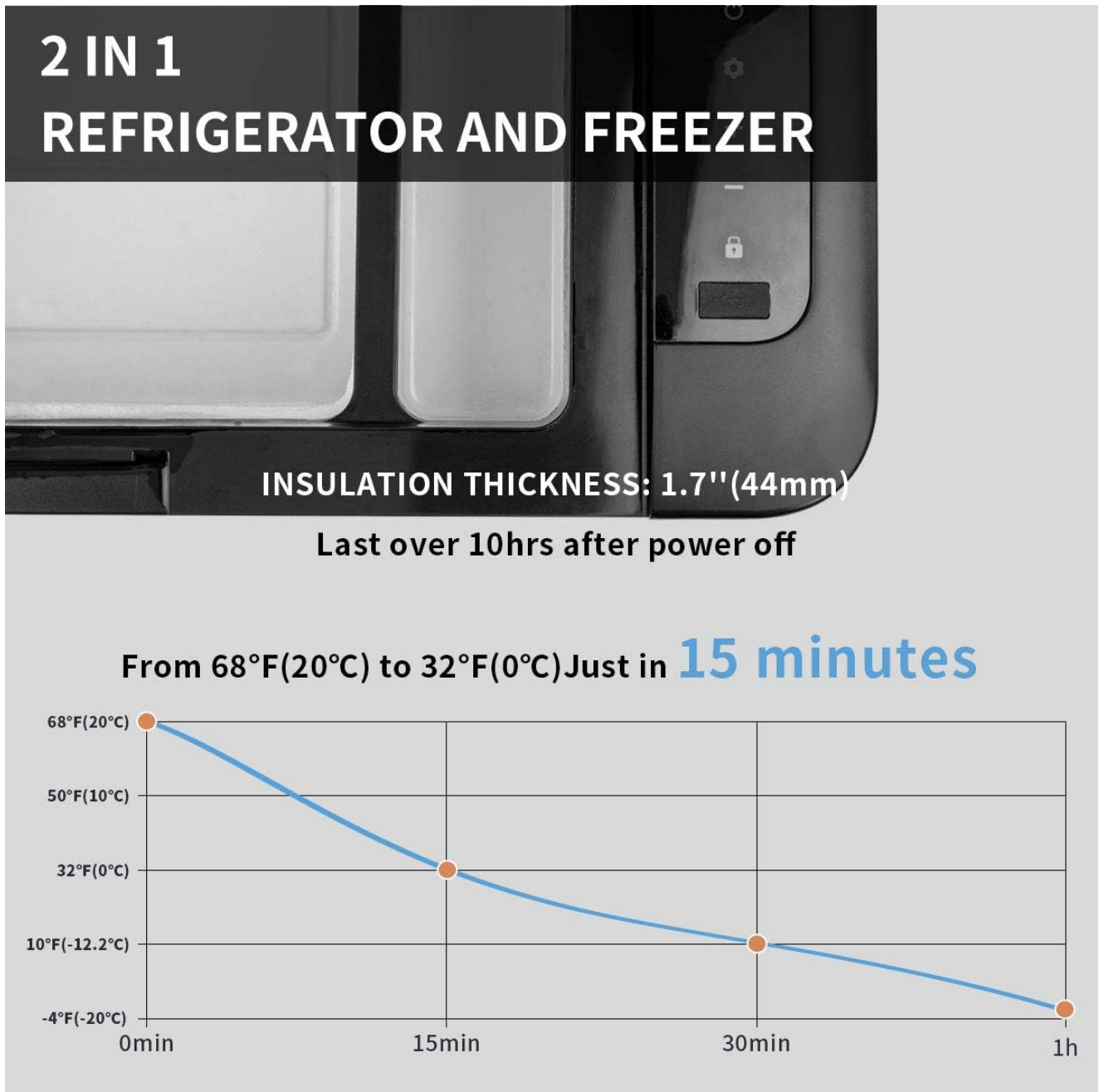


Image: Visual representation of the Alpicool K Series' rapid cooling capability and its dual function as a refrigerator and freezer.

3. Internal Compartments

The unit features a main cooling compartment and a smaller, slightly warmer compartment. The main compartment is designed for optimal cooling and freezing, while the smaller section can be used for items that require less intense cooling or to prevent freezing of sensitive items like eggs.

4. Battery Protection Modes

The Alpicool K Series includes 3 modes of battery protection to prevent your car battery from draining. The unit will automatically power off if an overload occurs or if the car battery voltage drops too low. Refer to the detailed product manual for specific voltage cut-off points for each mode.



LOW ENERGY CONSUMPTION
Only 1kWH for 2-4 Days
(depend on your settings)

PROTECT YOUR BATTERY
3 Modes Of Battery Protection
(Automatically power off when overload occurs
or car battery in low voltage)

Image: Demonstrates the low energy consumption and battery protection features of the Alpicool K Series Car Freezer.

5. Latch and LED Light

The unit is equipped with a firm locking door latch to ensure a tight seal and maintain internal temperature. A built-in LED light illuminates the interior when the lid is open, providing visibility in low-light conditions.

Maintenance

1. Cleaning

- **Interior:** Clean the interior with a damp cloth and mild detergent. Do not use abrasive cleaners or harsh chemicals. Ensure the unit is dry before closing the lid or storing.
- **Exterior:** Wipe the exterior with a soft, damp cloth.
- **Vents:** Regularly check and clear any dust or debris from the ventilation grilles to ensure proper airflow and prevent overheating.

2. Defrosting

The Alpicool K Series features automatic defrost. If excessive frost builds up, manually defrost the unit by turning it off and leaving the lid open until the frost melts. Use a soft cloth to wipe away any water.

3. 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

If you encounter issues with your Alpicool K Series Car Freezer, refer to the following common problems and solutions:

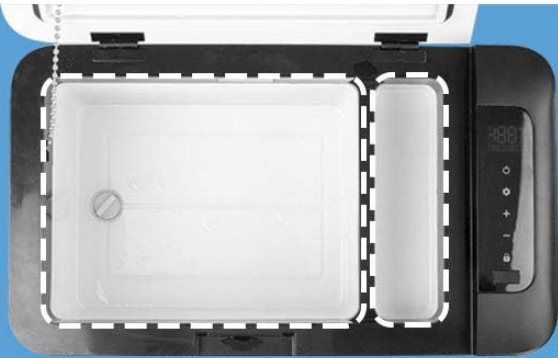
Problem	Possible Cause	Solution
Unit not turning on	No power supply; loose connection; blown fuse.	Check power cable connection; ensure power source is active; check vehicle's fuse box.
Insufficient cooling	Poor ventilation; overloaded unit; lid not sealed properly; ambient temperature too high.	Ensure vents are clear; do not overfill; check lid seal; move to a cooler environment if possible.
Unusual noise (e.g., rattling)	Loose internal component; unit not level; items inside rattling.	Ensure unit is on a stable, level surface. Check if items inside are causing the noise. If the noise persists and seems to originate from internal components, contact customer support.
Display error codes	Internal fault; sensor issue.	Refer to the full product manual for specific error code meanings. Try restarting the unit. If the error persists, contact customer support.

For more detailed troubleshooting or issues not listed here, please contact Alpicool customer support.

Specifications

Feature	Detail
Brand	Alpicool
Model	K Series (ALP-K-C-G)
Capacity	26 Quart (approx. 19 Quarts / 18 Liters usable)
Item Weight	21.4 pounds
Product Dimensions (D x W x H)	13.2 x 23 x 9 inches

Feature	Detail
Voltage	DC 12V/24V, AC 100-240V
Wattage	45 watts
Defrost System	Automatic
Number of Doors	1
Special Feature	Compact design, USB charging port, LCD control panel, Firm locking door latch, Built-in LED light, 3 Battery Protection Modes.



Internal Dimension
13*9.9*10.6 inches

Storage Compartment
9.9*2.6*5 inches

Net Weight
24 lbs

26 Quart Capacity

 **44 CANS***
12oz Cola

 **22 PACK***
18oz Water

 **12 BOTTLES***
25oz Red Wine

13.8 inches



23 inches

13.2 inches

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

Image: Dimensions and capacity details for the Alpicool K Series Car Freezer.

Warranty and Support

For warranty information, please refer to the documentation included with your purchase or visit the official Alpicool website. Warranty terms typically cover manufacturing defects for a specified period.

If you require technical assistance, have questions about operation, or need to report an issue, please contact Alpicool customer support through their official channels. Provide your product model and serial number for faster service.

Note: Unauthorized repairs or modifications may void your warranty.