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> Alpicool T50 Dual Temperature Control 12 Volt Refrigerator 53 Quart Portable Car Fridge Freezer (-4°F~68°F) for Truck, RV, Boat, Camping and Travel 53QT

Alpicool T50

Alpicool T50 Portable Fridge Freezer Instruction Manual

Model: T50 | Brand: Alpicool

INTRODUCTION

Thank you for choosing the Alpicool T50 Portable Fridge Freezer. This manual provides essential information for the safe and efficient operation of your new appliance. Designed for versatility, the T50 offers dual temperature control, allowing it to function as both a refrigerator and a freezer, making it ideal for various applications including trucks, RVs, boats, camping, and general travel. Please read this manual thoroughly before use and retain it for future reference.



SETUP

Unboxing and Initial Inspection

Carefully remove the unit from its packaging. Inspect for any signs of damage during transit. Ensure all components are present, including the detachable divider and power cables. Allow the unit to stand upright for at least 6 hours before connecting to power, especially if it was transported horizontally.

Power Connection

The Alpicool T50 supports multiple power sources:

- **12V/24V DC:** Connect to your vehicle's cigarette lighter socket (truck, RV, boat).
- **100-240V AC:** Use the provided AC adapter to plug into a standard wall outlet for home or campsite use.
- **Solar Panel:** Compatible with small solar systems and portable power stations for off-grid use.

MULTIPLE POWER SUPPLY MODE

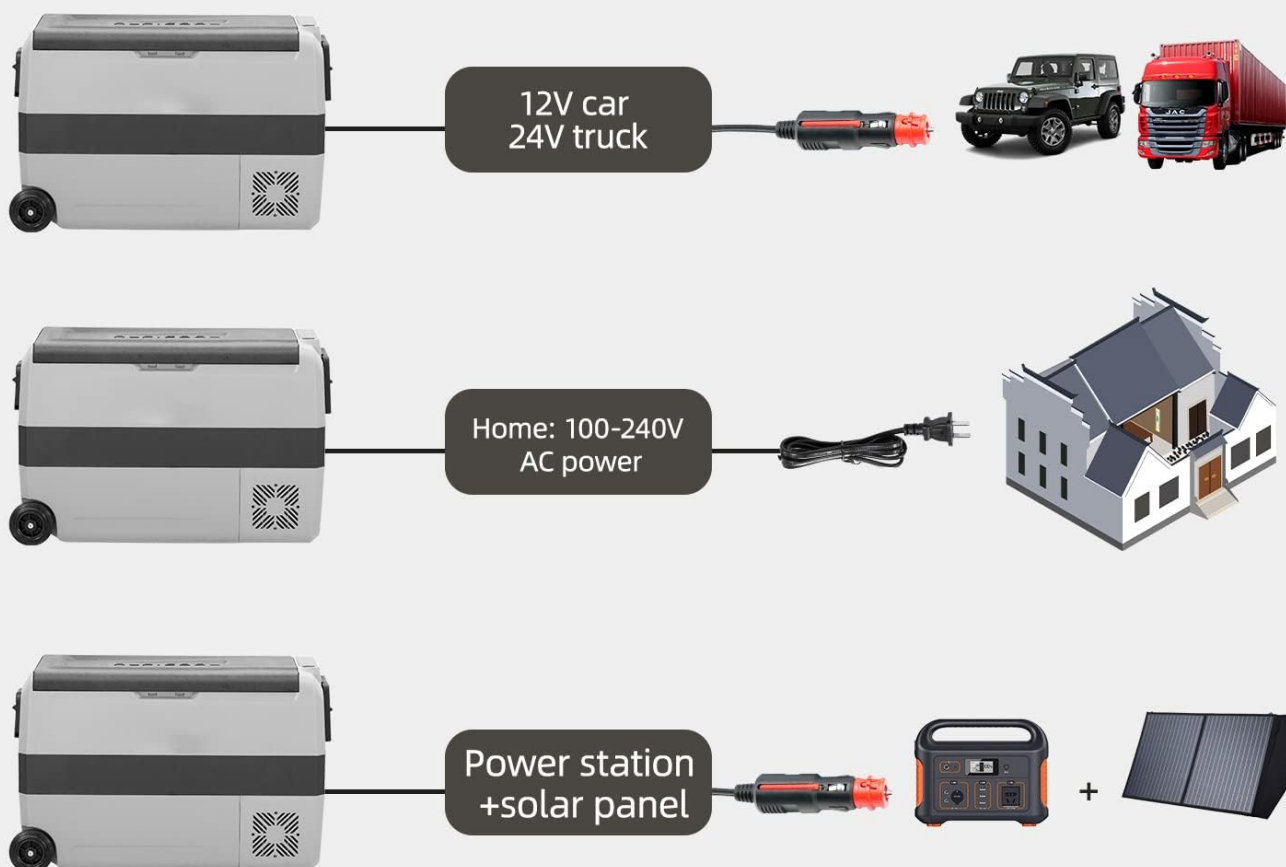


Figure 2: Multiple Power Supply Options

Initial Cooling

For optimal performance, pre-cool the unit before loading it with items. The T50 features powerful chilling capabilities, reaching desired temperatures quickly.

Video: Cooling Test with the Alpicool 12 Volt Travel Refrigerator. This video demonstrates the rapid cooling capabilities of the unit.

OPERATING INSTRUCTIONS

Control Panel and Display

The unit features an intuitive LCD control panel for easy operation. The display shows current temperatures for both zones, battery voltage, and operating mode.

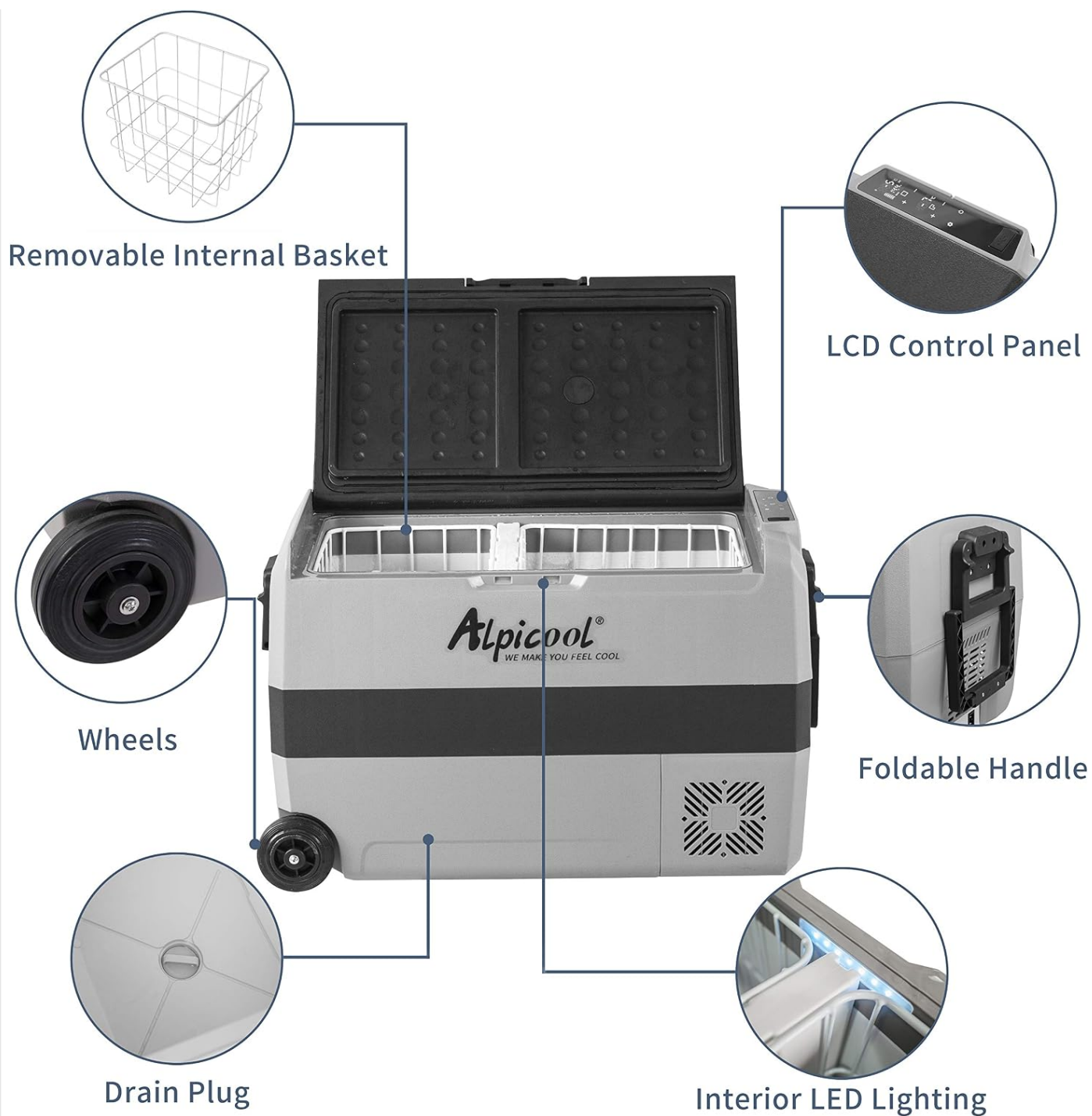


Figure 3: LCD Control Panel for temperature and settings adjustment.

Temperature Control and Dual Zone Function

The Alpicool T50 offers a wide temperature range from -4°F (-20°C) to 50°F (10°C). It features a detachable sensor divider that allows you to switch between a single temperature zone or two independent temperature zones. When using dual zones, the left compartment must always be set to a temperature equal to or colder than the right compartment.



Muti Applications Can Be a fridge AND a Freezer



Ice cream

-4°F

Beef

0°F

Fruit

32°F

Skin care

42°F

Beer

50°F

Figure 4: Multi-Application Use as Fridge and Freezer.

To convert to a single zone, simply remove the divider and the internal baskets. The unit will then operate as one large compartment at the set temperature.

Video: Alpicool T Series Refrigerator. This video demonstrates the dual-zone functionality and how to convert to a single zone.

Car Battery Protection

The unit includes a car battery protection system with three adjustable levels: Low, Med, and High. This feature prevents your vehicle's battery from running down, ensuring you can always start your engine.

Smartphone App Control

For added convenience, the Alpicool T50 can be controlled via a dedicated smartphone app (available on Google Play Store and Apple App Store). Connect via Bluetooth to adjust temperatures, monitor battery levels, and change settings remotely.

FEATURES

- **Storage Space:** Exterior Size 28.5"x14.2"x18", 53 Quart (50 Liter) capacity, fits 59 x 12oz cans of Cola.
- **Dual Temperature Control:** Detachable sensor divider to switch single temperature zone or two temperature zones.
- **Freezes Without Ice:** -4°F (-20°C) to 50°F (10°C) powerful chilling performance.
- **Car Battery Protection:** With temperature memory function and 3 different levels (Low, Med, High).
- **Portability:** Foldable handle and wheels for easy carrying.
- **Convenience:** Built-in LED light and internal basket.
- **USB Charging Port:** Convenient and practical USB charging port on the control panel.



Storage
Basket



Compressor
Refrigeration



Vehicle/Car/RV



Fast Freeze



Battery
Protection



Anti-shaking



Dual Temperature Control



Mute Low Noise

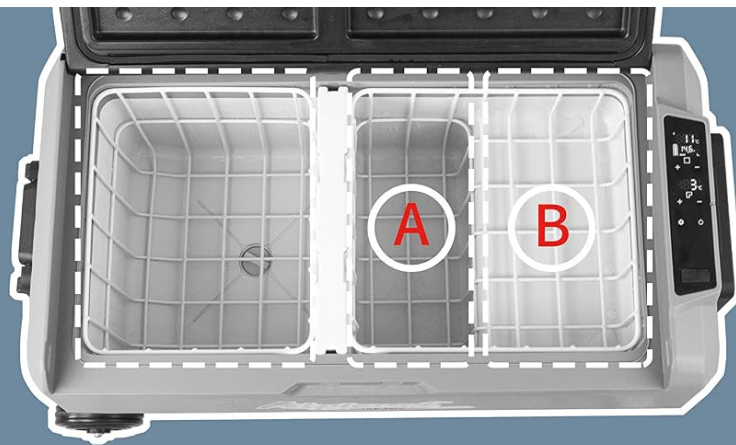


Built-in LED Light



-4°F to 68°F
Temperature Range

Figure 5: Key Features of Alpicool T50.



Freezer Room

A:5.3*10.5*14.8 inches

B:6.1*10.5*8.2 inches

Fridge Room

9.1*10.5*14.8 inches

53 Quart Capacity



59 CANS*

12oz Cola



38 PACK*

18oz Water



19 BOTTLES*

25oz Red Wine

18 inches



28.5 inches

14.2 inches

Figure 6: Internal Capacity and Dimensions.

MAINTENANCE

Cleaning

Regularly clean the interior and exterior of the fridge freezer. Use a soft cloth with mild detergent and water. Do not use abrasive cleaners or harsh chemicals. Ensure the unit is unplugged before cleaning. The unit features an automatic defrost system.

Storage

When storing the unit for extended periods, ensure it is clean, dry, and the lid is slightly ajar to prevent odors and mold growth.

TROUBLESHOOTING

If you encounter issues with your Alpicool T50, please refer to the following common troubleshooting tips:

- **Unit Not Turning On:** Check power connections (12V/24V DC or 100-240V AC). Ensure the power outlet is functional. Verify the car battery protection setting is not too high, preventing startup due to low voltage.
- **Not Cooling Properly:** Check the set temperature on the control panel or app. Ensure the fan vents are not obstructed. Verify the lid is properly sealed.
- **Unusual Noise:** Check if the unit is on a stable, flat surface. Ensure nothing is obstructing the fan or compressor area.

For more detailed troubleshooting or error codes, please consult the full user manual or contact Alpicool customer support.

SPECIFICATIONS

Attribute	Value
Brand Name	Alpicool
Model Info	T series
Item Weight	39.7 Pounds
Product Dimensions	17.53"D x 30.14"W x 20.02"H
Item model number	T series
Capacity	53 Quarts
Installation Type	Freestanding
Part Number	T50
Voltage	12
Wattage	45 watts
Defrost System	Automatic

WARRANTY AND SUPPORT

Alpicool products typically come with a manufacturer's warranty covering defects in materials and workmanship. For specific warranty details, registration, or technical support, please refer to the warranty card included with your product or visit the official Alpicool website. You can also contact their customer service directly for assistance.

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

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