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› Alpicool TA55 Portable Refrigerator User Manual

Alpicool TA55

Alpicool TA55 Portable Refrigerator User Manual

Model: TA55 | Brand: Alpicool

1. PRODUCT OVERVIEW

The Alpicool TA55 Portable Refrigerator is a versatile 58-quart (55-liter) dual-zone unit designed for travel, camping, fishing, and other outdoor activities. It features independent temperature control for each compartment, allowing them to function as a refrigerator or freezer as needed. The unit is equipped with an inner LED light, a drain plug for easy cleaning, and includes storage baskets and a cutting board for convenience. Its robust design ensures reliable performance even in challenging environments.



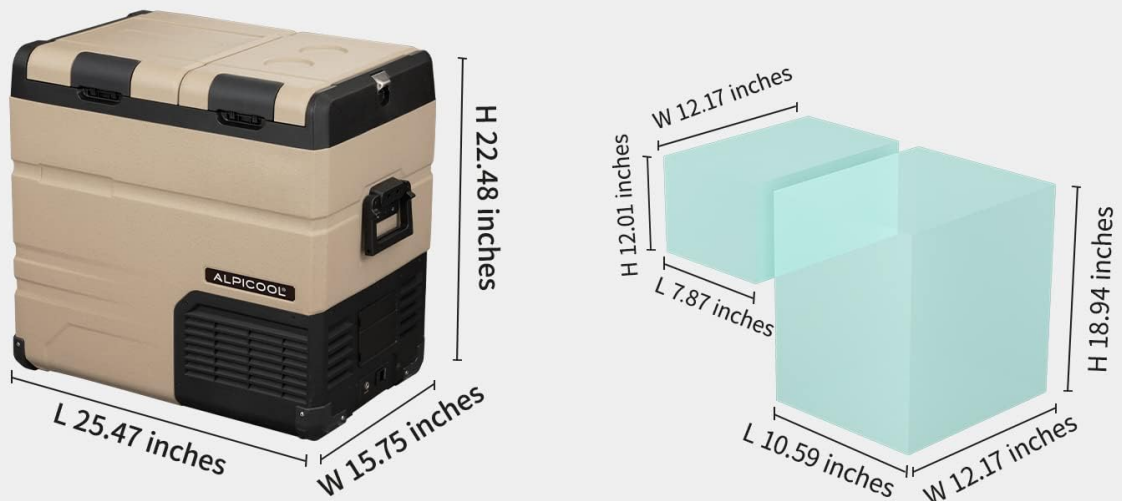
Figure 1.1: Alpicool TA55 Portable Refrigerator

Key features include:

- **58 Quart Capacity:** Spacious interior with inner LED light and drain plug.
- **Dual Temperature Control:** Each compartment can be independently adjusted as a refrigerator or freezer via an LCD panel.
- **Car Battery Protection:** Three levels (Low, Med, High) to prevent vehicle battery drain.
- **High Efficiency Cooling:** Achieves temperatures down to -4°F (-20°C) with low noise, offering Max and ECO cooling modes.
- **Convenient Design:** Double detachable fridge doors, storage baskets, and an integrated cutting board.

S8 QUART LARGE CAPACITY

Meet Travel Needs Enough



330ml
x82

or



550ml
x55

Figure 1.2: Product dimensions and capacity illustration

2. SETUP GUIDE

Before first use, ensure the refrigerator is placed on a stable, level surface. Allow the unit to sit upright for at least 6 hours before plugging it in to allow the refrigerant to settle.

2.1 Power Supply Options

The Alpicool TA55 supports multiple power sources:

- **12V/24V DC:** Connect to your vehicle's cigarette lighter socket. Ideal for use in trucks, RVs, and cars.
- **100-240V AC:** Connect to a standard household power outlet. Suitable for home or cabin use.
- **Solar Panel + Power Station:** For off-grid use, the unit can be powered via a compatible power station and solar panel (sold separately).

MULTIPLE POWER SUPPLY MODE

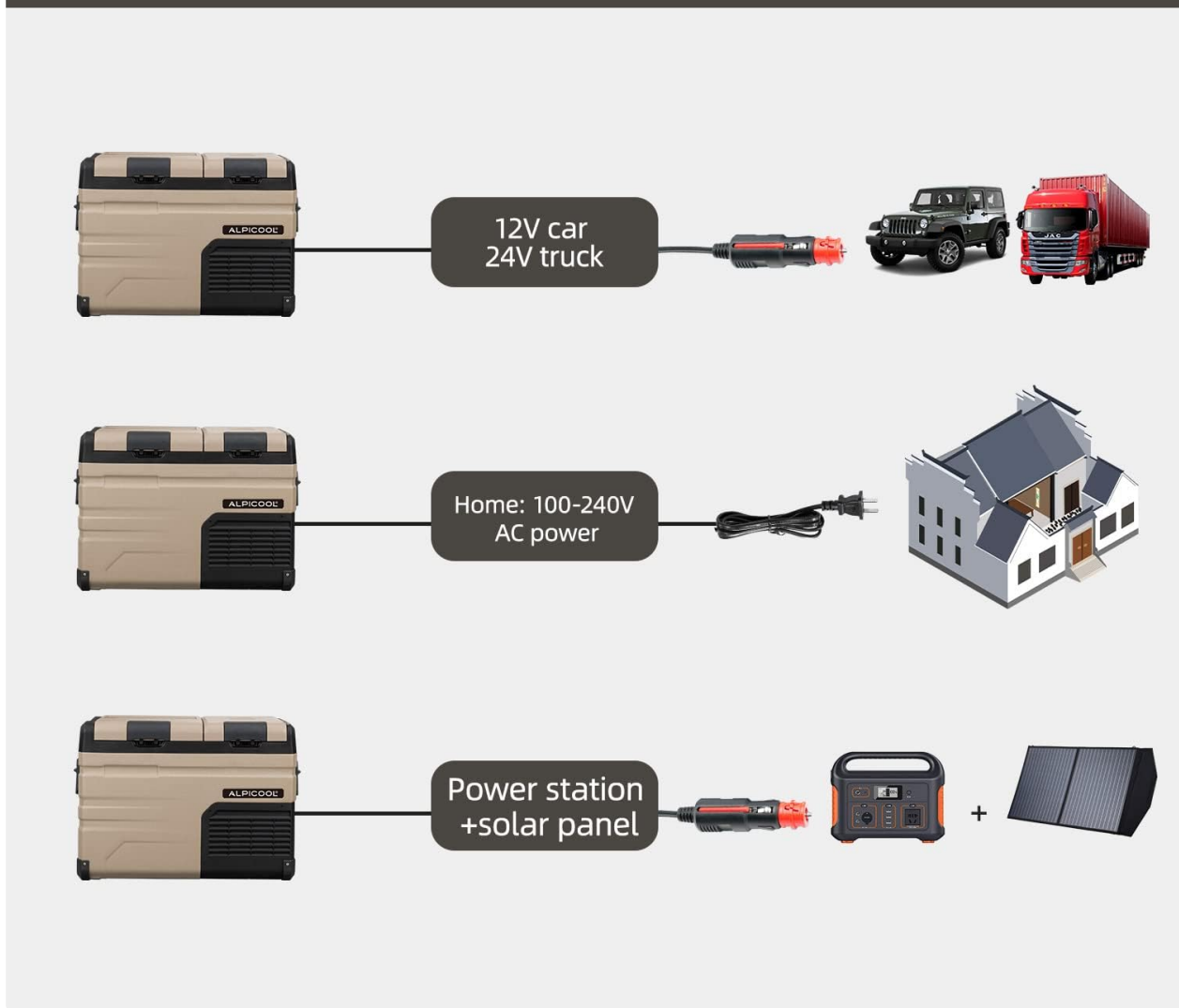


Figure 2.1: Illustration of various power supply options

2.2 Car Battery Protection

The unit features a 3-level battery protection system to prevent your vehicle's battery from running down. You can select the desired level (Low, Med, High) via the control panel or mobile app. This feature automatically cuts off power to the refrigerator if the input voltage drops below a set threshold.

3 LEVEL BATTERY PROTECTION



Figure 2.2: Visual representation of the 3-level battery protection system

3. OPERATING INSTRUCTIONS

The Alpicool TA55 is designed for user-friendly operation with its intuitive LCD control panel and mobile app connectivity.

3.1 Temperature Control

Each compartment has independent temperature control. Use the '+' and '-' buttons on the LCD panel to set the desired temperature for each zone. The display shows the current temperature and allows precise adjustments. The unit can cool down to -4°F (-20°C).

3.2 Cooling Modes

Select between two cooling modes:

- **Max Mode:** Provides rapid cooling to reach the set temperature quickly.
- **ECO Mode:** Optimizes energy consumption for extended operation, ideal for maintaining temperature once reached.

KEEP FOOD FRESH ALL WAY

Adjustable temperature: -4°F-68°F, nothing gets wet or soggy



50°F :
Fruit and vegetable



32°F : Drink



1.4°F:
Ice Cream



-4°F :
Meet

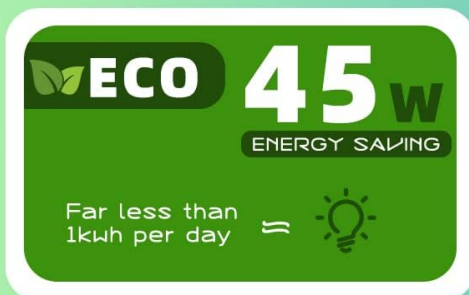


Figure 3.1: Temperature settings and cooling modes (ECO/MAX)

3.3 Additional Features

- **Detachable Doors:** The double doors can be detached and reversed to change the opening direction, offering flexibility for placement.
- **Integrated Cutting Board:** A convenient cutting board is included for food preparation.
- **Bottle Opener:** A built-in bottle opener is located on the unit for easy access.

Video 3.1: Demonstrates key operational features including phone charging, lid functionality, and cutting board use.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Alpicool TA55 portable refrigerator.

4.1 Cleaning

To clean the interior, unplug the unit and remove all contents. Use a soft cloth with mild detergent and warm water. Rinse thoroughly and wipe dry. The integrated drain plug at the bottom allows for easy draining of melted ice or cleaning water.

4.2 Storage

When storing the refrigerator for an extended period, ensure it is clean and dry. Leave the lids slightly ajar to prevent odors and mildew buildup. Store in a cool, dry place away from direct sunlight.

5. TROUBLESHOOTING

If you encounter issues with your Alpicool TA55, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit not turning on	No power, loose connection, vehicle battery protection activated.	Check power cable connection. Ensure power source is active. Adjust battery protection level if vehicle battery is low.
Insufficient cooling	Lid not closed properly, poor ventilation, ambient temperature too high, too much content.	Ensure lid is sealed. Provide adequate ventilation around the unit. Reduce contents if overloaded. Use Max mode for faster cooling.
Unit making unusual noises (e.g., beeping)	Low voltage, sensor error, or internal fault.	Check power supply voltage. Restart the unit by unplugging and replugging. If persistent, contact customer support.
Compressor not running	Power interruption, unit in standby, or internal issue.	Verify power connection. Check if unit is in ECO mode or has reached desired temperature. If problem persists, contact support.

Note: The Alpicool TA55 does not include an internal battery. It operates directly from an external power source (DC or AC). Any internal battery functionality mentioned in some reviews refers to optional, separately purchased battery packs that can be integrated.

6. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	Alpicool
Model	TA55
Capacity	58 Quarts (55 Liters)
Product Dimensions	15.75"D x 25.47"W x 22.48"H
Item Weight	45.2 pounds
Material	Plastic
Voltage	12V/24V DC, 100-240V AC
Cooling Range	-4°F to 68°F (-20°C to 20°C)
Special Features	Portable, Dual Temperature Control, Car Battery Protection, Inner LED Light, Drain Plug, Cutting Board
Included Components	Internal basket (1), Double detachable fridge doors (2), Storage baskets (2), Cutting board (1)

7. WARRANTY AND SUPPORT

Alpicool products are designed for durability and performance. For specific warranty information, please refer to the warranty card included with your purchase or visit the official Alpicool website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Alpicool customer service through the contact information provided in your product packaging or on their official website.