

## Alpicool G22

# Alpicool G22 Portable Refrigerator User Manual

MODEL: G22

Brand: Alpicool

## 1. Introduction

The Alpicool G22 Portable Refrigerator is a versatile 23-quart (22-liter) capacity unit designed for vehicle use, including cars, trucks, and RVs. It functions as both a fridge and a freezer, capable of reaching temperatures as low as -4°F (-20°C). This manual provides essential information for the safe and efficient operation of your Alpicool G22 portable refrigerator.

Key features include a new LCD display panel with a USB socket for charging mobile devices, an ice cube tray, and a built-in LED light. It also incorporates a car battery protection system with three different levels (Low, Med, High) to prevent vehicle battery drain, and offers excellent insulation for sustained cooling performance.

## 2. Safety Information

- Read all instructions carefully before first use.
- Ensure proper ventilation around the unit. Do not block air vents.
- Avoid placing the unit in direct sunlight or near heat sources.
- Do not immerse the unit in water or expose it to heavy rain.
- Keep out of reach of children.
- Always use the correct power supply (12/24V DC or 100-240V AC) as specified.
- If the power cable is damaged, it must be replaced by the manufacturer or a qualified service agent.

- Do not operate the unit if it is visibly damaged.

### 3. Package Contents

Please check that all items are included in your package:

- Alpicool G22 Portable Refrigerator Unit
- DC Power Cable (12/24V)
- AC Power Adapter (100-240V)
- Ice Cube Tray
- User Manual
- Handles (pre-installed or to be attached)

### 4. Setup

**Initial Placement:** Upon receiving your Alpicool G22, it is recommended to let the unit stand upright and level for at least 6 hours before plugging it in. This allows the refrigerant to settle, ensuring optimal performance.

**Power Connection:**

- For vehicle use, connect the DC power cable to the 12V or 24V DC outlet in your car, truck, or RV.
- For home or stationary use, connect the AC power adapter to a standard 100-240V AC wall outlet.

# MULTIPLE POWER SUPPLY MODE

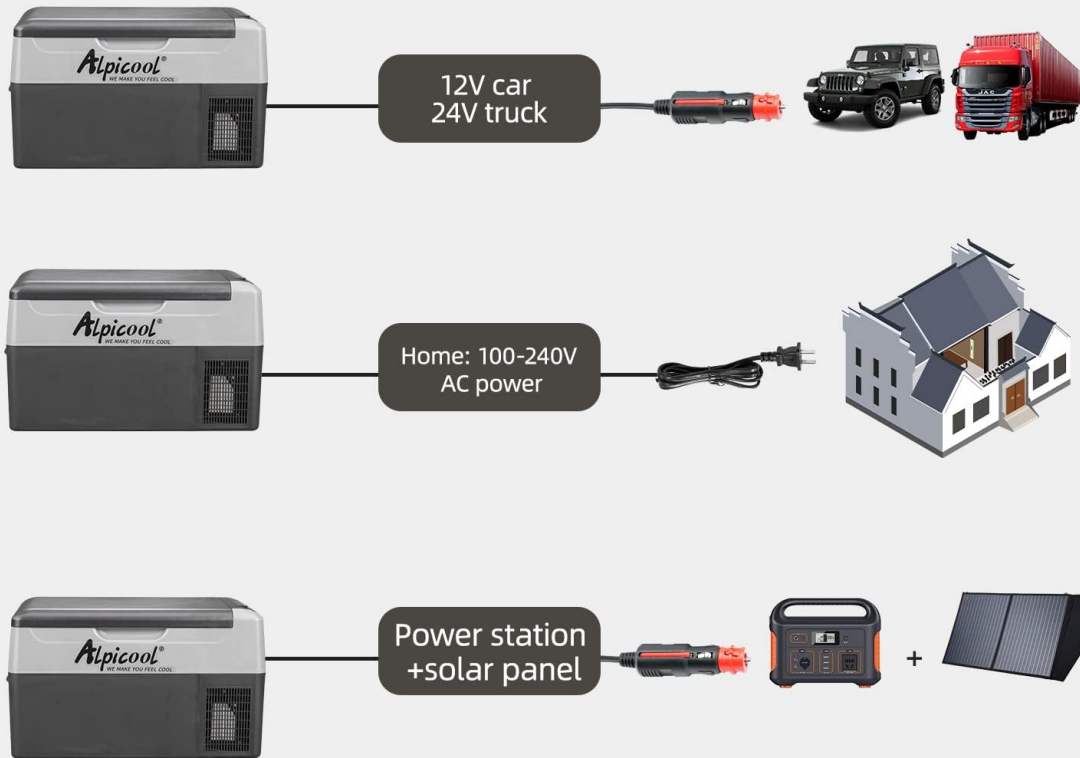


Figure 4.1: Multiple Power Supply Modes for Alpicool G22

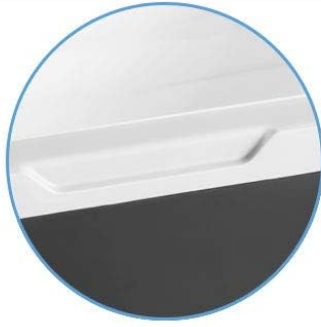
Video 4.1: Demonstrates connecting the Alpicool G22 to power and basic operation.

## 5. Operating Instructions

Your Alpicool G22 features an intuitive control panel for easy operation.



**POROUS  
HEAT DISSIPATION**



**LATCH**



**CONTROL PANEL**



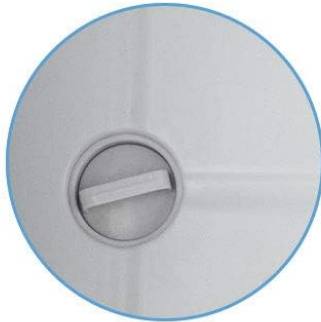
**TWO HANDLES**



**DC 12V/24V INPUT**



**CHAIN**



**DRINGE**



**ICE CUBE TRAY**

Figure 5.1: Key Features of the Alpicool G22, including the Control Panel.

**Control Panel:** The new LCD display panel allows you to monitor and adjust settings. Use the '+' and '-' buttons to set your desired temperature. The unit can function as a refrigerator or a freezer, reaching temperatures down to -4°F (-20°C).

**Temperature Modes:** The unit typically offers MAX (fast cooling) and ECO (energy-saving) modes. Refer to the display for current mode indication.

**USB Socket:** A built-in USB socket is available on the control panel to charge your mobile devices.

**Internal LED Light:** The refrigerator includes a built-in LED light for visibility inside the compartment.

**Ice Cube Tray:** The included ice cube tray can be used to make ice within the freezer compartment.

# MULTI APPLICATION CAR FRIDGE

## MEET DIFFERENT REQUIREMENTS

### KEEP FOOD FRESH



Figure 5.2: Recommended Temperature Settings for Various Items.

**Car Battery Protection:** The unit features 3 different levels for battery protection (Low, Med, High) to prevent your vehicle battery from running down. Select the appropriate level based on your vehicle's battery health and usage needs.



Figure 5.3: Low Energy Consumption and Battery Protection Features.

## 6. Maintenance

Regular maintenance ensures the longevity and efficiency of your portable refrigerator.

- **Cleaning:** Clean the interior and exterior of the unit regularly with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents.
- **Defrosting:** If ice builds up inside, unplug the unit and allow the ice to melt naturally. Wipe away excess water.
- **Ventilation:** Ensure the ventilation grilles are free from dust and debris. Clean them periodically to maintain proper airflow.
- **Storage:** When not in use for extended periods, ensure the unit is clean and dry. Store it in a cool, dry place with the lid slightly ajar to prevent odors.

## 7. Troubleshooting


If you encounter issues with your Alpicool G22, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit not powering on	No power supply; faulty cable; vehicle battery low.	Check power connections; try a different outlet/cable; check vehicle battery voltage.
Not cooling sufficiently	Temperature setting too high; blocked vents; excessive ambient temperature; door not sealed.	Adjust temperature; clear vents; move to cooler location; ensure lid is closed properly.
Display error codes	Internal fault.	Refer to the specific error code in the full manual or contact customer support.
12V plug overheating/melting	Poor connection; faulty plug; excessive current draw.	Ensure secure connection; inspect plug for damage; contact manufacturer for replacement if necessary.

## 8. Specifications

Feature	Specification
Brand Name	Alpicool
Model Info	G22
Item Weight	21.4 pounds
Product Dimensions	23.5 x 12.6 x 13.19 inches
Capacity	22 Liters (23 Quart)
Annual Energy Consumption	120 Kilowatt Hours Per Year
Installation Type	Freestanding
Voltage	12 Volts (DC)
Wattage	45 watts
Defrost System	Compressor-based
Material Type	Plastic

Feature	Specification
Number Of Doors	1



**Internal Dimension**  
12.8\*9.6\*10 inches

**Ice Cube Tray**  
9.6\*2\*1.1 inches

**Net Weight**  
24.2 lbs

## 24 Quart Capacity

- 32 CANS\***  
12oz Cola
- 16 PACK\***  
18oz Water
- 9 BOTTLES\***  
25oz Red Wine



**22.8 inches** (width)  
**13.2 inches** (height)  
**12.6 inches** (depth)

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

Figure 8.1: Alpicool G22 Capacity and Dimensions.

## 9. Warranty and Support

Alpicool products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Alpicool website. Keep your purchase receipt as proof of purchase for warranty claims.