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ICECO APL35ComboC

ICECO APL35 Portable Refrigerator Freezer User Manual

Model: APL35ComboC

1. INTRODUCTION

Thank you for choosing the ICECO APL35 Portable Refrigerator Freezer. This manual provides essential information for the safe and efficient operation of your new appliance. Please read it thoroughly before use and retain it for future reference.

Package Contents

- 1 x ICECO APL35 Car Fridge
- 1 x ICECO 250WH Magnetic Battery
- 1 x AC Cable
- 1 x DC Cable (12V upgraded)
- 1 x User Manual



Figure 1.1: The ICECO APL35 Portable Refrigerator Freezer, showcasing its dual-zone design and the included magnetic battery. A smartphone displaying the control app is also visible.

2. KEY FEATURES

- **SECOP Nano Compressor:** Equipped with a SECOP Nano Compressor, this 12V freezer offers a cooling range from -4°F to 68°F (-20°C to 20°C). It features MAX mode for rapid cooling and ECO mode for energy saving. The compressor is lightweight (only 32 lbs for the unit), ensuring smoother operation.



5 YEARS
Compressor Guarantee

LA Local After-sale Service

Figure 2.1: Detail of the SECOP Nano Compressor, highlighting its compact size and the 5-year compressor guarantee.

- **37Qt Capacity & Dual-Zone Design:** This refrigerator features a dual-zone design with independent controls, allowing for flexible use as a freezer and refrigerator, two freezers, or two refrigerators. The total capacity is 37 quarts (approximately 35 liters, split into 27L and 8L zones).

27+8 LITERS

Dual Cooling System



Figure 2.2: Internal view of the APL35, illustrating the two independently controlled compartments: a larger 27-liter zone and a smaller 8-liter zone.

- **Light Duty Aluminum Construction:** The main body and lid are constructed from durable, lightweight aluminum, offering long-lasting durability and resistance to rust and corrosion. This aluminum exterior also helps reflect heat, improving cooling efficiency.

250WH

POWER STATION



Figure 2.3: The APL35's lightweight aluminum construction makes it easy to transport, weighing only 32 lbs.

- **Humanized Design:** Features include a lid stay function that keeps the lid open at any angle (between 45° and 110°), preventing accidental closures and hand injuries. Control all settings via a dedicated app for convenient monitoring.

LID HOVER

Hold Lid Open between 45° and 110°



Figure 2.4: The lid stay mechanism allows the lid to remain open at various angles, enhancing user safety and convenience.

- **Integrated Power Bank:** The package includes a 250WH Magnetic Battery, which can power the refrigerator for approximately 9 hours on a full charge. This power bank also offers DC, USB, and Type-C outputs for charging other devices.

DESIGN KEY POINTS

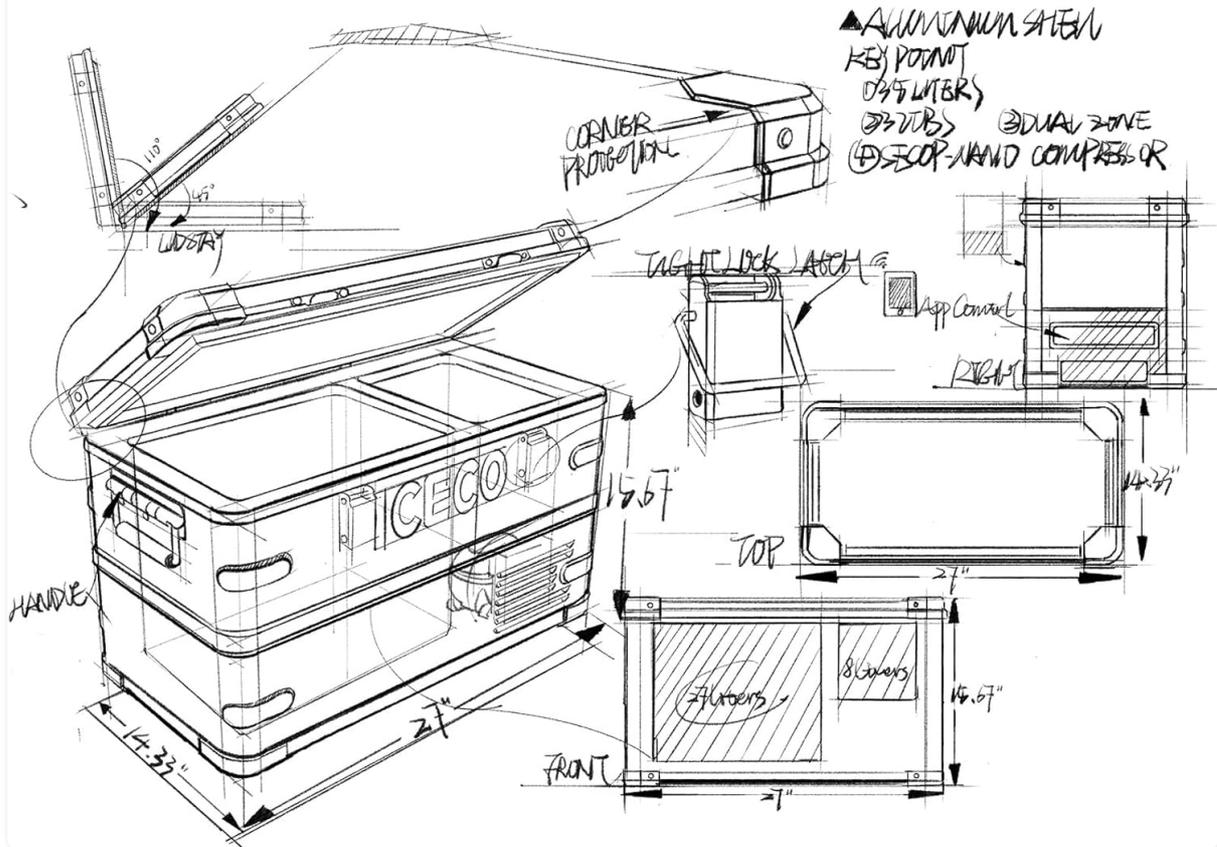


Figure 2.5: The included 250WH magnetic battery provides portable power for the fridge and other electronic devices.

3. SETUP

Initial Setup and Power Connection

- 1. Unpacking:** Carefully remove the refrigerator from its packaging. Inspect for any damage during transit.
- 2. Placement:** Place the refrigerator on a stable, level surface. Ensure adequate ventilation around the unit, especially near the compressor vents. Avoid direct sunlight or heat sources to maximize efficiency.
- 3. Power Connection:**
 - **DC Power (12V/24V):** Connect the provided 12V upgraded DC cord to the refrigerator's DC input port and to your vehicle's 12V outlet or a compatible power source. The upgraded DC cord features a side-entry plug for convenience.
 - **AC Power (100-240V):** For household use, connect the AC adapter to the refrigerator's AC input port, then plug the AC cable into a standard wall outlet.
 - **Magnetic Battery:** If using the included 250WH Magnetic Battery, ensure it is charged and connected to the refrigerator's DC input.
- 4. Initial Cooling:** For optimal performance, it is recommended to pre-chill the refrigerator in a cooler environment (e.g., indoors) before loading it with contents and taking it outdoors. This reduces the initial power draw and helps maintain desired temperatures more efficiently.

Your browser does not support the video tag.

Video 3.1: An overview of the ICECO APL35, including its unboxing and initial setup, demonstrating the various power options and the robust design of the unit.

4. OPERATING INSTRUCTIONS

Control Panel & App Control

The ICECO APL35 can be controlled directly via its integrated control panel or remotely using the dedicated smartphone app (available for Android and iOS).

- **Power On/Off:** Press the power button on the control panel to turn the unit on or off.
- **Temperature Adjustment:** Use the '+' and '-' buttons on the control panel or the app to set the desired temperature for each zone. The cooling range is -4°F to 68°F (-20°C to 20°C).
- **Mode Selection:** Switch between MAX mode for rapid cooling and ECO mode for energy efficiency. ECO mode is quieter and consumes less power.
- **Dual-Zone Configuration:** Independently set temperatures for each compartment. You can configure them as:
 - Freezer + Refrigerator
 - Two Freezers
 - Two Refrigerators
- **App Control:** Download the ICECO app by scanning the QR code on the unit. Connect via Bluetooth to monitor temperatures, adjust settings, and switch modes from your smartphone.

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Video 4.1: This video demonstrates the temperature compensation operating instructions for the ICECO APL35, showing how to adjust settings via the control panel.

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Video 4.2: A promotional video highlighting the features of the ICECO APL35, including its dual-zone functionality and app control, showcasing its use in various outdoor settings.

5. MAINTENANCE

Cleaning and Care

- **Interior Cleaning:** Regularly clean the interior with a damp cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals. Ensure the interior is dry before closing the lid.
- **Exterior Cleaning:** Wipe down the aluminum exterior with a soft, damp cloth. For stubborn spots, a mild, non-abrasive cleaner can be used.
- **Ventilation:** Keep the compressor vents clear of obstructions to ensure proper airflow and prevent overheating.
- **Storage:** When not in use for extended periods, ensure the unit is clean and dry. Store with the lid slightly

ajar to prevent odors and mildew.

6. TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Unit not turning on	No power supply; low battery voltage; faulty cable.	Check power connection; charge battery; replace cable if damaged.
Insufficient cooling	Poor ventilation; overloaded; high ambient temperature; lid not sealed.	Clear vents; do not overload; move to cooler area; ensure lid is properly latched.
Excessive noise	Unit not level; fan obstruction; compressor working hard in MAX mode.	Place on level surface; clear vents; do not overload; move to cooler area; ensure lid is properly latched.
Display not visible in sunlight	Direct sunlight interference.	Shade the display or use the app for control.

7. SPECIFICATIONS

Specification	Value
Brand	ICECO
Model Number	APL35ComboC
Capacity	37 Quarts (35 Liters)
Cooling Range	-4°F to 68°F (-20°C to 20°C)
Compressor	SECOP Nano Compressor
Material Type	Aluminum
Item Weight	50 pounds (Unit weight: 32 lbs)
Product Dimensions	14.4 x 27 x 15.7 inches
Voltage	12V/24V DC, 100-240V AC
Noise Level	≤32dB (ECO mode)
Power Bank Included	250WH Magnetic Battery

8. WARRANTY & SUPPORT

The ICECO APL35 Portable Refrigerator Freezer comes with a 5-year warranty on the SECOP compressor. For any support needs, please refer to the contact information provided in your package or visit the official ICECO website.

ICECO is committed to providing professional local after-sales support for its products.