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- › [ICECO](#) /
- › [ICECO JP40 ProD Portable Refrigerator Freezer User Manual](#)

ICECO JP40ProDG

ICECO JP40 ProD Portable Refrigerator Freezer User Manual

Model: JP40ProDG

PRODUCT OVERVIEW

The ICECO JP40 ProD is a versatile 40-quart portable refrigerator and freezer designed for various applications including vehicles, camping, and home use. It features a dual-zone design, allowing for simultaneous refrigeration and freezing, and is powered by both AC and DC sources. Equipped with a SECOP compressor, it offers efficient and quiet cooling with a wide temperature range.



Image: The ICECO JP40 ProD portable refrigerator freezer, showcasing its open lid and the companion mobile application for control.

KEY FEATURES

- **Flexible Dual-zone Design:** Automatic switching between single and dual zone mode by removing a detachable partition. Provides two separate zones for refrigeration and freezing with independent digital controllers.
- **Real Multi-opening Lid Design:** The lid can be opened from multiple directions without reassembly, allowing easy access from either side of the unit.
- **SECOP Compressor:** Equipped with a SECOP compressor for extended lifespan, efficient, and quiet cooling. Offers MAX mode for fast cooling and ECO mode for energy efficiency. Temperature range from -4°F to 68°F (-20°C to 20°C).
- **Humanized Design:** Ultra-narrow profile (13.8 inches wide) for space-saving. Includes trolley bars and wheels for easy portability. Supports app control for temperature and settings adjustments via smartphone.

- **Power Options:** Operates on 12V/24V DC and 110-240V AC.
- **Built-in LED Light:** For interior illumination.
- **Anti-Shake:** Designed to withstand up to 40° tilt.



Image: A detailed view of the SECOP compressor, highlighting its robust construction and integration within the unit.

APP CONTROL

Able to control all settings in one device and monitor your refrigerator anytime at your fingertips.



Image: Illustration demonstrating the dual-zone control partition plate and how it allows for flexible fridge and freezer configurations.

WHAT'S IN THE BOX

Upon unboxing your ICECO JP40 ProD, please verify that all the following components are included:

- ICECO JP40ProD-Golden Portable Refrigerator Freezer Unit
- Protective Cover
- AC Cable (for home use)
- DC Cable (for vehicle use)
- Wired Basket
- User Manual (this document)



Image: A visual representation of all items included in the product packaging.

SETUP

Initial Placement and Power Connection

1. **Unpack:** Carefully remove the unit and all accessories from the packaging.
2. **Ventilation:** Place the refrigerator on a flat, stable surface, ensuring adequate ventilation around all sides. Maintain at least 6 inches (15 cm) of clear space from walls or other objects to allow for proper airflow.
3. **Power Source:**
 - **AC Power (Home/Wall Outlet):** Connect the AC cable to the AC port on the unit and then plug it into a standard 110-240V AC wall outlet.
 - **DC Power (Vehicle/Battery):** Connect the DC cable to one of the DC ports on the unit and then plug it into a 12V or 24V DC power outlet (e.g., car cigarette lighter socket).
4. **Initial Cooling:** For optimal performance, it is recommended to pre-cool the unit for at least 30 minutes before loading items.

App Control Setup

The ICECO JP40 ProD supports control via a mobile application. Follow these steps to connect:

1. **Download App:** Search for the "ICECO" app on your smartphone's app store (iOS or Android).
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your smartphone.
3. **Pair Device:** Open the ICECO app and follow the on-screen instructions to search for and pair with your JP40 ProD

unit. The app will guide you through the connection process.



Image: The ICECO mobile application interface shown on a smartphone, demonstrating remote control capabilities.

OPERATING INSTRUCTIONS

Control Panel Overview

The control panel is located on the front of the unit and features a high-resolution color display and control buttons.



Image: A close-up view of the digital control panel, showing temperature display and control buttons.

- **Power Button:** Press to turn the unit ON/OFF.
- **SET Button:** Press to cycle through settings (e.g., temperature units, battery protection mode). Long press to enter advanced settings.
- **+/- Buttons:** Adjust temperature settings.
- **MAX/ECO Button:** Toggle between MAX (fast cooling) and ECO (energy-saving) modes.

Temperature Adjustment

To set the desired temperature:

1. Press the **SET** button once to select the zone you wish to adjust (if in dual-zone mode).
2. Use the **+** or **-** buttons to increase or decrease the temperature. The display will show the target temperature.
3. The unit will automatically begin cooling or heating to reach the set temperature.

Dual Zone Configuration

The JP40 ProD can operate as a single zone or dual zone unit. To switch modes:

- **Dual Zone:** Insert the detachable partition plate into the designated slot inside the unit. The display will show two separate temperature readings for each zone.
- **Single Zone:** Remove the partition plate. The unit will automatically detect the removal and operate as a single large zone, typically defaulting to freezer mode if previously set to dual.

Battery Protection Mode

This feature prevents your vehicle battery from draining completely. To adjust the battery protection level:

1. Long press the **SET** button until the battery icon flashes.
2. Use the **+** or **-** buttons to select the desired protection level (High, Medium, Low).
 - **High:** Highest protection, unit cuts off at a higher battery voltage.
 - **Medium:** Moderate protection.
 - **Low:** Lowest protection, unit cuts off at a lower battery voltage, allowing longer operation but higher risk of battery drain.
3. Release the **SET** button to confirm your selection.

MAINTENANCE

Cleaning the Unit

- **Interior:** Disconnect power before cleaning. Use a soft cloth dampened with mild detergent and warm water to wipe the interior surfaces. Do not use abrasive cleaners or harsh chemicals. Dry thoroughly before reconnecting power.
- **Exterior:** Wipe the exterior with a soft, damp cloth. Avoid getting water into the control panel or ventilation areas.
- **Condenser:** Periodically clean the condenser coils (located at the back/sides) with a soft brush or vacuum cleaner to remove dust and debris. This ensures efficient cooling.

Storage

When storing the unit for extended periods:

- Ensure the unit is completely empty, clean, and dry.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit not turning on	No power supply; loose connection; battery protection activated.	Check power cable connection; ensure power source is active; adjust battery protection level to "Low" if vehicle battery is low.
Insufficient cooling	Poor ventilation; overloaded; lid not closed properly; temperature setting too high.	Ensure adequate ventilation; do not overload; check lid seal; lower temperature setting.

Problem	Possible Cause	Solution
Display error codes	Internal fault; sensor issue.	Refer to the specific error code in the full manual (if available) or contact customer support.
Lid difficult to open/close	Seal obstruction; latch misalignment.	Check for debris around the seal; ensure nothing is blocking the latch mechanism.

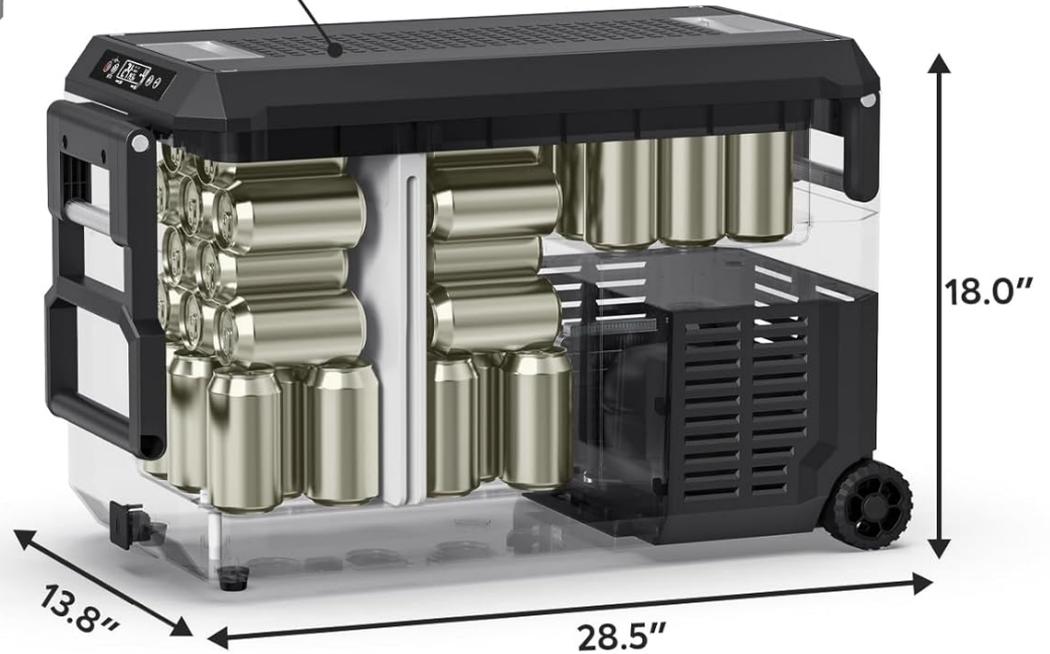
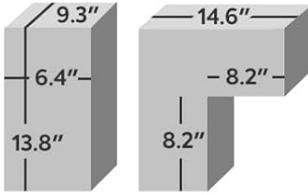
If troubleshooting steps do not resolve the issue, please contact ICECO customer support.

SPECIFICATIONS

Feature	Detail
Model	JP40ProDG
Capacity	40 Quarts (approx. 37.8 Liters)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Power Input	DC 12V/24V, AC 110-240V
Compressor	SECOP Compressor
Item Weight	46.6 pounds (approx. 21.1 kg)
Product Dimensions (L x W x H)	28.5 x 13.8 x 18 inches (approx. 72.4 x 35.1 x 45.7 cm)
Material Type	Plastic & Metal cabinet
Special Features	Portable, App Control, Anti-Shake, Compact, LED Display

JP40 ProD Golden 39 Qt

Internal dimensions:



355ml Cola

43 Cans



550ml Mineral Water

26 Bottles



750ml Red Wine

12 Bottles

Image: Detailed dimensions of the JP40 ProD unit, including internal capacity measurements and examples of beverage storage.

WARRANTY & SUPPORT

ICECO provides comprehensive warranty and support for the JP40 ProD Portable Refrigerator Freezer:

- **Compressor Warranty:** 5-year warranty on the SECOP compressor.
- **Parts Warranty:** 1-year warranty on all other parts.
- **Customer Service:** Local USA after-sales service and telephone support are available. Messages will be answered within 24 hours, including weekends.

For technical assistance, warranty claims, or general inquiries, please contact ICECO customer support through their official website or the contact information provided with your purchase.

