

## ICECO YCD45S

# ICECO YCD45S Outdoor Compressor Car Refrigerator User Manual

Model: YCD45S | Capacity: 43 Litres

## 1. SAFETY INFORMATION

Please read all safety instructions carefully before operating the ICECO YCD45S car refrigerator. Failure to follow these instructions may result in product damage, property damage, or personal injury.

- Ensure the power supply voltage matches the refrigerator's requirements (12V/24V DC).
- Do not operate the refrigerator if the power cord is damaged. Contact qualified service personnel for repair.
- Avoid placing the refrigerator in direct sunlight or near heat sources to maintain optimal performance and prevent overheating.
- Ensure adequate ventilation around the unit. Do not block ventilation openings.
- Do not use electrical appliances inside the refrigerator unless they are recommended by the manufacturer.
- Keep the refrigerator away from water and moisture.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Always disconnect the power supply before cleaning or performing maintenance.

## 2. PRODUCT OVERVIEW

The ICECO YCD45S is a versatile outdoor compressor car refrigerator designed for cooling and freezing items in various vehicle environments. It operates on 12V or 24V DC power, making it suitable for cars, trucks, vans, boats, and caravans.

### Key Features:

- **Dual Voltage Operation:** Compatible with 12V and 24V DC power sources.
- **Large Capacity:** 43 litres of storage for cooling or freezing.

- **Rapid Cooling:** Achieves 0°C from room temperature in approximately 15 minutes.
- **Digital Control Panel:** High-precision LED display for temperature adjustment, battery voltage monitoring, and mode selection.
- **ECO/MAX Modes:** Energy-saving (ECO) and fast cooling (MAX) options.
- **Battery Protection System:** Automatically shuts off to prevent vehicle battery discharge.
- **Durable Construction:** Shockproof polyurethane casing and metal inner case for improved insulation and longevity.
- **User-Friendly Design:** Removable basket, interior lighting, reversible lid, and drain plug for easy cleaning.



Figure 2.1: The ICECO YCD45S car refrigerator, showcasing its compact and robust design.



Figure 2.2: Interior view of the ICECO YCD45S, demonstrating its spacious 43-liter capacity filled with various food and beverage items.

### 3. SETUP

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#### 3.1 Unpacking

- Carefully remove the refrigerator from its packaging.
- Inspect the unit for any signs of damage during transit. If damage is found, do not operate the unit and contact your retailer.
- Remove all internal packing materials and accessories.

#### 3.2 Placement

- Place the refrigerator on a stable, level surface.
- Ensure there is adequate space (at least 10 cm) around all sides of the unit for proper ventilation. Do not block the air vents.
- Avoid placing the unit in direct sunlight or in areas with high ambient temperatures to maximize cooling efficiency.
- The robust design allows for placement in various vehicle locations such as the trunk or passenger area.



Figure 3.1: The ICECO YCD45S positioned securely in the bed of a pickup truck, demonstrating suitable placement for vehicle use.

### 3.3 Power Connection

- Connect the provided DC power cable to the refrigerator's power input port.
- Plug the other end of the DC power cable into your vehicle's 12V or 24V cigarette lighter socket.
- Ensure the connection is secure to prevent power interruptions.



Figure 3.2: The ICECO YCD45S highlighting its 12V/24V compatibility for vehicle power sources.

## 4. OPERATION

### 4.1 Control Panel

The digital display and control buttons allow for precise temperature management and setting adjustments.

- **Power Button:** Press to turn the unit ON/OFF.
- **SET Button:** Press to enter temperature setting mode or cycle through options.
- **UP/DOWN Buttons:** Adjust temperature or navigate menu options.
- **Display:** Shows current temperature, set temperature, and battery voltage level.

### 4.2 Temperature Setting

- With the unit powered on, press the **SET** button once. The temperature display will flash.
- Use the **UP** or **DOWN** buttons to adjust the desired temperature. The temperature range is typically from +10°C to -18°C.
- Press the **SET** button again or wait a few seconds for the setting to be saved.

## 4.3 ECO and MAX Modes

- The refrigerator offers two operating modes: **ECO** (Economy) and **MAX** (Maximum).
- To switch between modes, press the **SET** button and hold it for approximately 3 seconds until the mode indicator changes.
- **ECO Mode:** Provides energy-efficient operation, suitable for maintaining temperature over longer periods.
- **MAX Mode:** Offers faster cooling performance, ideal for quickly reaching desired temperatures or for freezing.

## 4.4 Battery Protection Settings

The unit features a multi-level battery protection system to prevent excessive discharge of your vehicle's battery. If an 'E1' error (low voltage) occurs, adjust this setting.

- To access battery protection settings, ensure the unit is in standby mode (powered off but connected).
- Press and hold the **Power Button** and the **DOWN Button** simultaneously for approximately 3 seconds.
- The display will show 'H' (High), 'M' (Medium), or 'L' (Low). Use the **UP** or **DOWN** buttons to select the desired level.
- **High (H):** Provides the highest battery protection, suitable for starting batteries. The refrigerator will cut off power at a higher voltage.
- **Medium (M):** A balanced setting for most applications.
- **Low (L):** Allows the refrigerator to operate at lower battery voltages, suitable for deep cycle auxiliary batteries.
- Press the **Power Button** again or wait for a few seconds to confirm the setting.

# 5. MAINTENANCE

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## 5.1 Cleaning

- Always disconnect the power supply before cleaning.
- Clean the interior and exterior surfaces with a damp cloth and a mild detergent. Avoid abrasive cleaners or solvents.
- The removable basket can be washed separately.
- Utilize the integrated drain plug at the bottom of the cooling chamber to easily remove melted ice water after cleaning.
- Ensure the unit is completely dry before reconnecting power.





Figure 5.1: A close-up view of the refrigerator's interior, showing the removable basket and the ease of access for items, which also facilitates cleaning.

## 5.2 Storage

- If storing the refrigerator for an extended period, ensure it is clean and dry.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area.

## 6. TROUBLESHOOTING

If you encounter issues with your ICECO YCD45S, refer to the following common troubleshooting steps.

Problem	Possible Cause	Solution
Refrigerator does not turn on.	No power supply; Damaged power cable; Vehicle battery voltage too low.	Check power connection; Inspect cable for damage; Charge vehicle battery or adjust battery protection level (see Section 4.4).

Problem	Possible Cause	Solution
Display shows 'E1' error.	Low voltage detected from vehicle battery.	Adjust the battery protection level to 'M' or 'L' (see Section 4.4). If the issue persists, charge your vehicle battery.
Refrigerator is not cooling effectively.	Insufficient ventilation; Door not closed properly; Ambient temperature too high; Temperature setting too high.	Ensure proper ventilation around the unit; Check lid seal; Move unit to a cooler location; Lower the set temperature.
Unusual noise during operation.	Unit not level; Obstruction near fan.	Place the unit on a level surface; Check for and remove any obstructions from the fan area.

If the problem persists after attempting these solutions, please contact ICECO customer support or your retailer for assistance.

## 7. SPECIFICATIONS

Detailed technical specifications for the ICECO YCD45S car refrigerator.

Feature	Specification
Brand	ICECO
Model	YCD45S
Capacity	43 litres
Power Input	12V / 24V DC
Cooling Range	Up to +10°C, down to -18°C
Defrost System	Automatic
Dimensions (L x W x H)	64.5 cm x 42.5 cm x 44 cm
Item Weight	20 kg 200 g
Included Components	Refrigerator only
Special Features	Digital display, Battery protection, ECO/MAX modes, Interior lighting, Removable basket, Drain plug





**330 ml**  
**58 Adet**

veya



**550 ml**  
**34 Adet**

veya



**750 ml**  
**22 Adet**

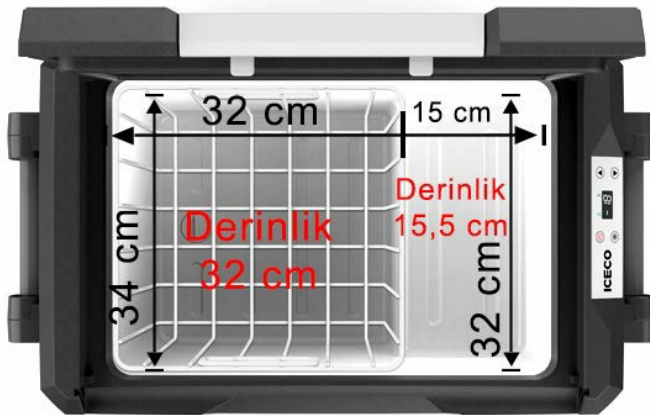


Figure 7.1: Detailed dimensions of the ICECO YCD45S and examples of bottle capacities (e.g., 58 x 330ml cans, 34 x 550ml bottles, 22 x 750ml bottles).

## 8. WARRANTY AND SUPPORT

For warranty information, product support, or service inquiries, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for warranty claims.

For further assistance, you may also visit the official ICECO website or contact their customer service department directly.