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**EUHOMY CFH-35X**

## EUHOMY 37QT Dual Zone Electric Cooler User Manual

Model: CFH-35X

### 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your EUHOMY 37QT Dual Zone Electric Cooler. Please read these instructions thoroughly before use and retain them for future reference. This portable refrigerator is designed for versatile use, offering both refrigeration and freezing capabilities with dual-zone temperature control and app connectivity.



## 2. SAFETY INFORMATION

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To ensure safe operation and prevent damage, observe the following safety precautions:

- Ensure the power supply voltage matches the specifications of the appliance.
- Do not operate the appliance if the power cord is damaged.
- Avoid placing the appliance in direct sunlight or near heat sources.
- Maintain adequate ventilation around the unit; do not block air vents.
- Do not immerse the appliance in water or expose it to heavy rain.
- Keep children away from the appliance during operation.
- Disconnect power before cleaning or performing maintenance.
- This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities unless supervised or instructed.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- EUHOMY 37QT Dual Zone Electric Cooler
- AC Power Adapter (110-240V)
- DC Power Cord (12/24V)
- User Manual

## 4. SETUP

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### 4.1 Initial Placement

Place the cooler on a flat, stable surface. Ensure there is sufficient space around the unit for proper ventilation (at least 10 cm on all sides). Allow the unit to stand upright for at least 6 hours before connecting to power, especially if it was transported horizontally.

### 4.2 Power Connection

The cooler can be powered by either AC or DC sources:

- **AC Power (Home Use):** Connect the AC adapter to the cooler's AC input port, then plug the adapter into a standard 110-240V AC wall outlet.
- **DC Power (Vehicle Use):** Connect the DC power cord to the cooler's DC input port, then plug the other end into a 12V or 24V vehicle cigarette lighter socket.

01

AC Power 12/24V

(Include)



AC POWER

02

DC Power 100/240V

(Include)

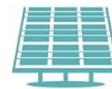


DC POWER

03

Connect Power Station

(Optional)



Solar  
Panel



Battery  
Station



Image 4.1: The cooler supports AC (12/24V) and DC (100/240V) power, and can optionally connect to a power station (solar panel or battery station).

## 4.3 App Control Setup

The EUHOMY electric cooler supports app control for convenient temperature adjustments and monitoring. Refer to the separate app instruction guide for detailed pairing and usage instructions. Ensure your mobile device's Bluetooth is enabled and the cooler is powered on during the pairing process.

## 5. OPERATING INSTRUCTIONS

### 5.1 LED Control Panel

The cooler features an intuitive LED control panel for manual operation. The panel typically includes:

- **On/Off Button:** To power the unit on or off.
- **Temperature Up/Down Buttons:** To adjust the desired temperature for each zone.
- **SET Button:** To cycle through settings like ECO/MAX mode and Battery Protection.

- **Display:** Shows current temperatures for both zones and battery voltage (for reference).



Image 5.1: The LED control panel allows for easy temperature adjustment and mode selection.

## 5.2 Temperature Adjustment and Dual Zone Operation

The 37QT model features two independent storage areas, allowing for separate temperature control. This enables simultaneous refrigeration and freezing.

- Press the SET button to select the zone you wish to adjust.
- Use the Up (+) and Down (-) buttons to set the desired temperature for that zone. The temperature range is -4°F to 68°F (-20°C to 20°C).
- The cooler will automatically adjust to reach and maintain the set temperatures.



## DUAL-TEMPERATURE SINGLE-CONTROL

### 4 OPTIONS FOR DIFFERENT NEEDS



Image 5.2: The dual-zone interior allows for flexible storage, accommodating both frozen and refrigerated items.

### 5.3 MAX and ECO Modes

The cooler offers two operating modes:

- **MAX Mode:** Provides rapid cooling, ideal for quickly reaching desired low temperatures. Consumes approximately 49W.
- **ECO Mode:** An energy-saving mode that optimizes power consumption, suitable for maintaining temperatures over longer periods. Consumes approximately 33W.

To switch between modes, press the SET button until 'ECO' or 'MAX' flashes, then use the Up/Down buttons to select your preferred mode.



Image 5.3: MAX mode offers fast cooling, while ECO mode prioritizes energy efficiency.

## 5.4 Battery Protection

The cooler includes a 3-level battery protection system to prevent excessive discharge of your vehicle's battery. You can adjust the input power between L (Low), M (Medium), and H (High) modes.

- **H (High):** Highest cut-off voltage, suitable for starting batteries.
- **M (Medium):** Medium cut-off voltage, suitable for most applications.
- **L (Low):** Lowest cut-off voltage, suitable for deep cycle batteries or when the engine is running.

To adjust the battery protection level, press and hold the SET button until the battery icon flashes, then use the Up/Down buttons to select L, M, or H.

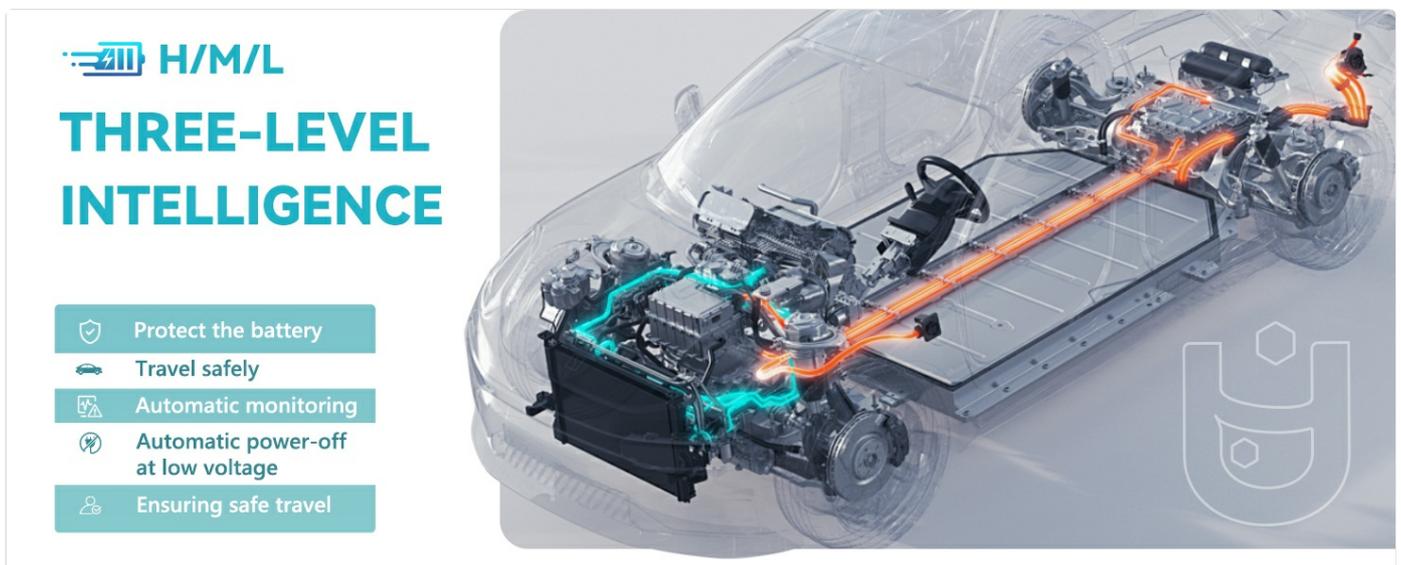


Image 5.4: The three-level battery protection system safeguards your vehicle's battery from over-discharge.

## 6. MAINTENANCE

### 6.1 Cleaning

Regular cleaning helps maintain the cooler's efficiency and hygiene.

- Always disconnect the power supply before cleaning.
- Wipe the interior and exterior surfaces with a damp cloth and mild detergent.

- Do not use abrasive cleaners or sharp objects, as they can damage the surfaces.
- Ensure the cooler is completely dry before reconnecting power.

## 6.2 Defrosting

The cooler features a frost-free defrost system. However, if ice buildup occurs, manually defrost the unit:

- Turn off the cooler and disconnect it from the power source.
- Remove all contents.
- Leave the lid open to allow ice to melt naturally.
- Wipe away melted water with a clean cloth.
- Do not use sharp tools or heating devices to speed up defrosting, as this can damage the cooling system.

## 6.3 Storage

When storing the cooler for extended periods:

- Ensure the unit is 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.



Image 6.1: The cooler features an aluminum inner wall for durability and a soft-damping door hinge for ease of access.

## 7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cooler not turning on	No power supply; damaged power cord; faulty outlet.	Check power connections; try a different outlet; inspect power cord for damage.
Cooling performance is poor	Insufficient ventilation; door not sealed properly; too much hot food loaded; ambient temperature too high.	Ensure proper ventilation; check door seal; pre-cool items before loading; operate in a cooler environment if possible.
Display error codes	Specific internal fault.	Refer to the full user manual for specific error code meanings or contact customer support.
Unit is noisy	Unit not level; fan obstruction.	Ensure the cooler is on a flat surface; check for any obstructions around the fan.
Battery protection cuts off too early	Battery protection level set too high for the power source.	Adjust battery protection level to M or L (see Section 5.4).

If the problem persists after attempting these solutions, please contact EUHOMY customer support.

## 8. SPECIFICATIONS

Key technical specifications for the EUHOMY 37QT Dual Zone Electric Cooler:

Feature	Specification
Model	CFH-35X
Capacity	37 Quarts (35 Liters)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Power Input	DC 12V/24V, AC 110-240V
Rated Power (ECO Mode)	33W
Rated Power (MAX Mode)	49W
Item Weight	36.8 pounds (16.7 kg)
Product Dimensions	15.12 x 25.24 x 15.63 inches (38.4 x 64.1 x 39.7 cm)
Defrost System	Frost Free
Special Features	Anti-Shake, App Control, Energy Efficient, Large Capacity, Low Noise



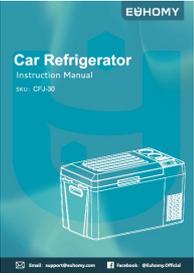
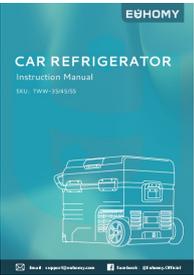
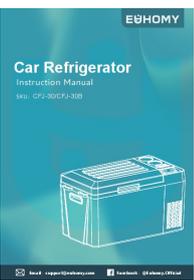
Image 8.1: The 37QT model dimensions and bottle capacity examples.

## 9. WARRANTY AND SUPPORT

Your EUHOMY electric cooler comes with a **2-year technical support**. If you have any questions, require assistance, or experience issues with your product, please contact EUHOMY customer service. Please have your model number (CFH-35X) and purchase information ready when contacting support.

For the most up-to-date contact information, please refer to the EUHOMY official website or the contact details provided with your purchase documentation.

### Related Documents

	<p><a href="#">Euhomy Car Refrigerator Instruction Manual</a></p> <p>Instruction manual for the Euhomy Car Refrigerator, model CFJ-30. Covers product functions, operation, troubleshooting, technical parameters, and safety notices.</p>
	<p><a href="#">Euhomy Car Refrigerator Instruction Manual</a></p> <p>Comprehensive instruction manual for Euhomy Car Refrigerators, covering safety, features, operation, maintenance, troubleshooting, and technical specifications for models TWW-35/45/55.</p>
	<p><a href="#">Euhomy Car Refrigerator Instruction Manual (CFQ-18/CFQ-25)</a></p> <p>Comprehensive instruction manual for the Euhomy Car Refrigerator models CFQ-18 and CFQ-25, covering operation, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Euhomy Car Refrigerator Instruction Manual (CFJ-30/CFJ-30B)</a></p> <p>Comprehensive instruction manual for the Euhomy CFJ-30 and CFJ-30B car refrigerators, covering operation, troubleshooting, technical specifications, and safety guidelines.</p>