

EUHOMY CFZ-30

EUHOMY 32 Quart Portable Refrigerator User Manual

Model: CFZ-30 | Brand: EUHOMY

INTRODUCTION

Thank you for choosing the EUHOMY 32 Quart Portable Refrigerator. This versatile appliance is designed to provide efficient cooling and freezing for various applications, including camping, travel, truck use, and home environments. With its advanced compressor technology, dual power options (12V/24V DC and 110-240V AC), and user-friendly features, it ensures your food and beverages remain at optimal temperatures. Please read this manual thoroughly before operation to ensure safe and proper use of your new portable refrigerator.



Figure 1: EUBHOMY 32 Quart Portable Refrigerator (Model CFZ-30)

SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply voltage matches the refrigerator's requirements (12/24V DC or 110-240V AC).
- Do not immerse the refrigerator in water or expose it to excessive moisture.
- Keep ventilation openings clear of obstructions to prevent overheating.
- Do not use abrasive cleaners or sharp objects inside the unit.
- Unplug the unit before cleaning or performing any maintenance.
- Avoid placing hot food directly into the refrigerator; allow it to cool first.
- 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.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x EUHOMY Portable Refrigerator (32 Quart / 30L)
- 1 x 12/24V DC Power Cord (for car use)
- 1 x 110-240V AC Power Adapter (for home use)
- 2 x Detachable Dividers
- 1 x User Manual (this document)

SETUP

1. **Unpacking:** Carefully remove the refrigerator from its packaging. Inspect for any damage during transit.
2. **Placement:** Place the refrigerator on a flat, stable surface. Ensure there is adequate ventilation around the unit (at least 10 cm / 4 inches of space on all sides) to allow for proper heat dissipation. Avoid direct sunlight or heat sources.
3. **Power Connection:**
 - **For Car Use (12V/24V DC):** Connect the DC power cord to the refrigerator's DC input port and then to your vehicle's cigarette lighter socket.
 - **For Home Use (110-240V AC):** Connect the AC power adapter to the refrigerator's AC input port, then plug the adapter into a standard wall outlet.

COMPATIBLE WITH MULTIPLE POWER SUPPLIES

Car Cigarette Lighter



12-24V DC
Car Power

DC Power Cord
(Include)



Home Outlet

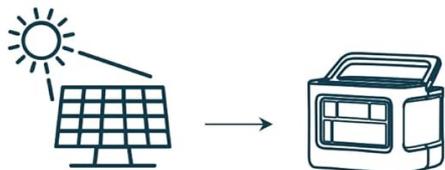


110-240V AC
Home Power

AC Power Cord
(Include)



Power StationSolar Panel



Solar Panel
(Not Include)

Power Station
(Not Include)



Figure 2: The refrigerator supports multiple power supply options, including car cigarette lighter (12-24V DC), home outlet (110-240V AC), and can be powered by a solar panel and power station (not included).

4. **Initial Cooling:** After connecting to power, the unit will begin to cool. It is recommended to run the refrigerator empty for at least 30 minutes to allow it to reach the desired temperature before loading items.

OPERATING INSTRUCTIONS

Control Panel Overview



ECO MODE

45w

ENERGY SAVING



MAX MODE

60w

FAST COOLING



Figure 3: The control panel features buttons for temperature adjustment, mode selection (ECO/MAX), and power. ECO mode is energy-saving (45W), while MAX mode provides fast cooling (60W).

- **Power Button:** Press to turn the unit ON/OFF.
- **SET Button:** Press to cycle through settings or confirm selections.
- **+/- Buttons:** Adjust temperature settings.
- **Mode Selection (ECO/MAX):** Press the button (often combined with HH/ECO or similar indicator) to switch between:
 - **ECO Mode:** Energy-saving mode, consuming only 45W. Ideal for extended use.
 - **MAX Mode:** Fast-cooling mode, consuming 60W. Use for rapid temperature reduction.

Temperature Setting

Press the +/- buttons to set your desired temperature. The display will show the current internal temperature. The unit can cool from 68°F to 32°F in approximately 15 minutes.



POWERFUL VOLUMER , COOL FASTER!



Figure 4: The refrigerator features an advanced variable frequency compressor for fast cooling, reaching 32°F from 77°F in 15 minutes.

Battery Protection Settings

The refrigerator features 3-level battery protection to prevent draining your vehicle's battery. Press the SET button repeatedly until the battery icon flashes, then use +/- to select the desired level:

- **H (High):** Highest protection, cuts off power at 11.1V (DC 12V) / 24.3V (DC 24V).
- **M (Medium):** Medium protection, cuts off power at 10.4V (DC 12V) / 22.8V (DC 24V).
- **L (Low):** Lowest protection, cuts off power at 9.6V (DC 12V) / 21.2V (DC 24V).

It is recommended to use 'H' for vehicle battery protection and 'L' when connected to an external power station.

Using the Movable Partition

The refrigerator includes detachable dividers, allowing you to customize the internal space for different items. This is useful for separating frozen goods from refrigerated items or organizing contents.



MOVABLE PARTITION

The position of the partition can be adjusted freely according to your habits and food volume.

Figure 5: The movable partition allows for flexible organization of contents within the refrigerator compartment.

Low Noise Operation

The unit operates quietly at approximately 42 decibels, ensuring a comfortable environment during use.

PROFESSIONAL COMPRESSOR



42dB Low Noise



Figure 6: The professional compressor ensures low noise operation at 42dB, comparable to a whisper, providing a quiet user experience.

Official Product Video

Your browser does not support the video tag.

Video 1: This official video from EUHOMY provides a detailed overview of the CFZ Series Car Refrigerator, demonstrating its features and functionality.

MAINTENANCE

Cleaning

- Always unplug the refrigerator before cleaning.
- Use a soft cloth dampened with mild detergent and warm water to clean the interior and exterior surfaces.
- Do not use harsh chemicals, abrasive cleaners, or sharp objects, as these can damage the surfaces.
- Ensure the unit is completely dry before reconnecting to power.

Defrosting

The EUHOMY portable refrigerator features a frost-free defrost system. However, if ice buildup occurs, especially in humid conditions, manually defrost the unit:

- Turn off the unit and unplug it.
- Remove all contents.
- Leave the lid open to allow ice to melt naturally. You can place a towel inside to absorb water.
- Once defrosted, wipe the interior dry before restarting the unit.

Storage

If storing the refrigerator for an extended period:

- Clean and dry the unit thoroughly.
- Leave the lid slightly ajar to prevent odors and mold growth.
- Store in a dry, well-ventilated area away from direct sunlight.

TROUBLESHOOTING

Before contacting support, please check the following common issues:

Problem	Possible Cause	Solution
Unit not turning on.	No power, loose connection, faulty power cord/adapter.	Check power source, ensure connections are secure. Test with another outlet/vehicle socket.
Not cooling sufficiently.	Poor ventilation, lid not closed properly, too many items, high ambient temperature, ECO mode selected.	Ensure proper ventilation, close lid tightly, do not overfill. Switch to MAX mode for faster cooling.
Excessive noise.	Unit not level, fan obstruction, internal component issue.	Place on a level surface. Check for obstructions around fan vents. If noise persists, contact support.
Error code on display.	Internal fault.	Note the error code and contact EUHOMY technical support for assistance.

SPECIFICATIONS

Feature	Detail
Brand	EUHOMY
Model Info	CFZ-30
Capacity	32 Quart (30 Liters)
Item Weight	29.2 pounds
Product Dimensions	24.69 x 15.75 x 19.96 inches
Voltage	12V/24V DC, 110-240V AC

Feature	Detail
Power Consumption	ECO Mode: 45W, MAX Mode: 60W
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Noise Level	42dB
Special Features	Inverter Compressor, Energy Efficient, Portable, Frost Free, Low Noise, 3-level Battery Protection
Included Components	AC Power Cord, DC Power Cord, 2 Detachable Dividers

WARRANTY AND SUPPORT

EUHOMY offers **2-year technical support** for this portable refrigerator. If you encounter any issues or have questions regarding your product, please contact EUHOMY customer 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.

Please retain your proof of purchase for warranty claims.



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