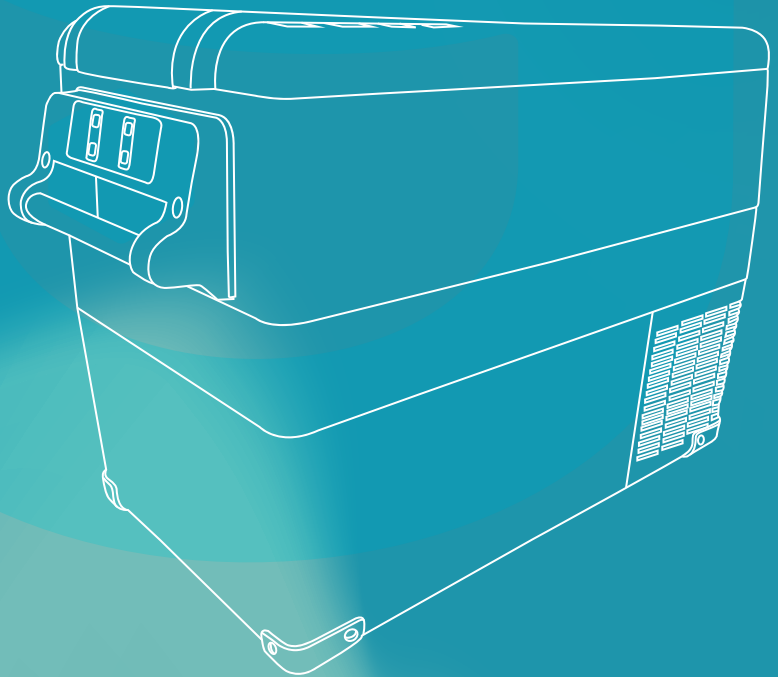


Car Refrigerator

Instruction Manual

SKU: CF-35/45/55



Congratulations

Dear Customer:

Welcome to the Euhomy family. Thank you for purchasing one of our products.

Our goal is to provide you with superior service. If there is anything missing from or wrong with your order, or if you have any questions about using our ice maker, PLEASE contact us.

Email: support@euhomy.com

Facebook: [@Euhomy.Official](https://www.facebook.com/Euhomy.Official)

The Euhomy team is available 24/7 to address your questions, comments, and concerns. Your satisfaction is our ultimate goal. We want to make everything right so you'll share your positive experience with other shoppers on Amazon.

If you experience any problems, please send an email to support@euhomy.com.

Our mission:

* To be the most trusted appliance brand.

* To create practical, compact appliances that better your life.

Be sure to register at
www.euhomy.com/register
for updates, warranty, and other relevant information.

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| Safety Precautions

ELECTRICAL SAFETY & CORD HANDLING

- **Correct voltage:** Make sure your local outlet voltage and circuit frequency correspond to the values indicated on the appliance's rating label.

Note:

Correct voltage: Make sure your local outlet voltage and circuit frequency correspond to the values indicated on the appliance's rating label.

- **Safe connection:** Insert the plug firmly into a properly grounded AC power supply or a 12 V DC socket. Do not alter the plug.
- **Moisture protection:** To protect against electric shock, do not immerse the cable, plug, or appliance itself in water or other liquids. Ensure your hands are dry before touching the plug or switching on the appliance. Do not use the appliance on wet surfaces.
- **Power cable protection:** Do not kink or damage the power cable. Do not wrap it around the appliance. Do not move or carry the unit by pulling or grasping the cable. Do not close a door on the cable or run the cable around sharp edges or corners. Keep the cable away from heated surfaces.
- Never touch uninsulated cables—especially AC cables—with bare hands.
- **Boat installation:** If the device is connected to an AC power supply, it is important that the system is protected by a fuse and a ground fault or leakage current protective device.
- Never obstruct vents to the compressor.
- Defrost the unit on a regular basis.
- Never use hard or sharp tools to remove ice from the cooling compartment.
- Never use abrasive or solvent-based substances to clean the cooling compartment.
- Do not use any electrical appliances inside the cooling compartment.

| Safety Precautions

Note:

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. Children should be supervised to ensure that they do not play with the appliance.

- Never use abrasive or solvent-based substances when cleaning the cooling compartment.
- Do not use any electrical appliances inside the cooling compartment.

Features:

- High-efficiency DC inverter compressor and conversion module with high reliability and long life.
- Fluoride-free insulation with good heat preservation performance and low energy consumption.
- 12/24 V DC and 110–240 V AC power supply for use on the go or at home.
- Compressor delay protection.
- Quick cooling to -4°F (based on 77°F ambient temperature).
- Intelligent car battery protection system.
- Wide-range electronic temperature control.

I INSTALLATION

ASSEMBLY AND PARTS

NO.	Name
1	Door Lock
2	Zone 1
3	Zone 2
4	Control panel
5	LED Inner Light
6	Radiator Cover



STANDARD PACKING LIST

1. Euhomy car refrigerator
2. DC power cord (12/24 V)
3. AC adapter

After unpacking the fridge, check that no parts are missing. Set up the unit in a dry place that is protected from splashing water. Do not place the unit near sources of heat—such as heaters, ovens, hot water, or pipes—or in intense sunlight. It is important that your appliance is installed and operated in accordance with these instructions to guarantee safe, efficient operation and optimal performance.

Note:

Installation of AC in boats should be carried out by a qualified electrician.

APPLICATION & OPERATION

OPERATING YOUR FRIDGE/FREEZER

POWER REQUIREMENTS

The fridge is designed to operate on AC or DC voltage.

- AC input 110–240 V AC at 50 Hz to AC adaptor (e.g., electrical socket)
- DC input 12V/24 V DC (e.g., vehicle cigarette lighter or car battery)
- If the fridge is operating when the vehicle ignition is switched off, the fridge will switch off automatically unless the vehicle is fitted with a dual-battery system.
- The fridge will automatically switch back on when the vehicle is started and the power-source voltage reaches the battery monitor cut-in setting.

OPERATING WITH 12V/24V DC

- Plug the 12V/24V DC power cable into the DC POWER socket on the side of the fridge. Then, connect to the vehicle cigarette lighter socket or another suitable 12V or 24V DC power source.
- The fridge will turn on automatically. There is no need to switch the appliance on.
- The display will automatically show the current internal cabinet temperature.
- For optimal performance and efficiency, it is important that the fridge has a reliable DC power source available. Direct connection to the battery is recommended and reduces the risk of voltage dropping to the appliance.
- Use only the DC power cable supplied with the fridge. **IMPORTANT:** If a DC extension cable is required, we recommend a 6 mm diameter (AWG11) 4.58 mm² twin-sheath two-core cable with direct connection to the positive and negative battery terminals with 15A inline fuse protection.

12V/24V DC POWER REQUIREMENTS

If your fridge is shutting off prematurely, it could be due to the following:

1. The battery voltage protection is set too high on the battery monitor.
2. The DC power cable and/or connections are not suitable to carry the required current.

Check the power cable and all connections. Adjust the battery monitor on the control panel if required.

APPLICATION & OPERATION

The fridge is equipped with a multilevel battery monitor that protects your vehicle battery against excessive discharging when the fridge is connected to a 12V or 24V DC power source.

IMPORTANT: When running the fridge on DC power, we recommend setting the battery monitor to LOW if the fridge is not running on a crank battery.

Note:

Over-voltage may damage the electronics of the fridge.

Your fridge is equipped with reverse polarity protection, which protects your fridge against reverse battery connections and short circuits.

To protect your battery, the fridge switches off automatically if the power source voltage is insufficient. The fridge will restart only when the voltage reaches cut-in level.

Note:

It is important that the correct cable size and gauge are used for the installation of the DC supply. Otherwise, the voltage can decrease over a distance.

Always consult a qualified automotive electrician when using a DC extension cable.

OPERATING WITH 110–240V AC

First, plug the 110V–240V AC power adapter and cable into the fridge power socket at the end of the fridge. Then, connect to a suitable 110V–240V AC power source.

The fridge will turn on automatically. You do not need to switch it on.

The display will automatically show the current internal compartment temperature.

The fridge is equipped with a multi-voltage internal power supply with a priority circuit or connecting to an AC voltage power source of 110V–240V.

CAUTION

Do not touch cables, plugs, or switches with wet hands or when your feet are in contact with water! If you operate your fridge on board a boat by means of a shore connection to a 110V–240V AC power source, the power connection must include an earth-leakage residual current device (RCD).

APPLICATION & OPERATION

OPERATING WITH 110–240V AC

Turn off the cooler. Hold the settings button until it displays E1. Press the settings button repeatedly to cycle through all 9 settings in order, as shown in the table below. Choose the setting you need and press the up arrow or down arrow to change and set the parameters.

Setting	Function	Setting Range	Factory Default
E1	Lowest temperature setting	–40°F to highest temperature setting	–4°F
E2	Highest temperature setting	Lowest temperature setting to 40°F	68°F
E3	Temperature return setting	2°F–18°F	2°F
E4	Soft-start setting	0–10 minutes	0 minutes
E5	Fahrenheit and Celsius setting	°F or °C	°F
E6	Temperature compensation for temperature settings $\geq 21.2^\circ\text{F}$	–18°F–18°F	0°F
E7	Temperature compensation for temperature setting range 10.4°F–19.4°F	–18°F–18°F	0°F
E8	Temperature compensation for temperature settings $\leq 8.6^\circ\text{F}$	–18°F–18°F	0°F
E9	Overcooling setting	–18°F–18°F	0°F

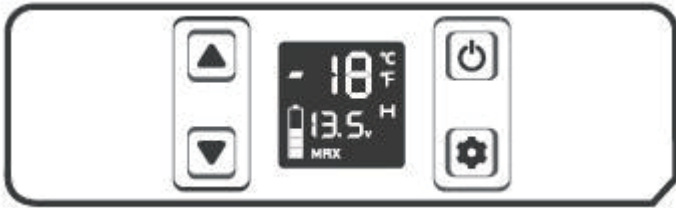
Note:

Displayed temperature = detected temperature + temperature compensation.

TEMP CONTROL/GENERAL OPERATION

When your fridge is first connected to AC or DC power, the appliance will automatically switch on. The LCD control panel will display the current cabinet temperature, battery monitor, and ECO setting as well as the current input voltage.

- The temperature controller provides the ability to set the desired temperature level and display the current cabinet temperature. This electronic controller has been programmed to maintain an average of the set temperature.



- Press power button to switch on/off.
- Press ▲ or ▼ to set temperature.
- Press settings button to choose Eco (energy-saving) or Max (fast-cooling) mode. Factory setting is Max.
- Hold settings button for three seconds. When H flashes on the screen, choose a battery-protection mode (H for High, M for Medium, L for Low) by pressing settings button again. Factory setting is H.

Note:

Maximum temperature settings are from -4°F to 68°F .

1. Press power button while fridge is running. Fridge will go into Standby mode and then switch off after 5 seconds.
2. Press the power button again. Fridge will restart with previously selected settings.
3. Temperature display will flash when selecting temperature and return to solid display when showing actual internal temperature.

COOLING RANGE

The cooling compartment has varying temperature zones. The values on the digital display reflect the temperature in the middle of the cabinet.

TEMP CONTROL/GENERAL OPERATION

The fridge is designed to either refrigerate or freeze food. The unit is suitable for outdoor use, such as camping and tailgating.

If you wish to refrigerate medicines, first check to ensure the fridge's cooling capacity meets the required temperatures for the respective medicines.

The fridge is designed to operate in ambient temperatures between 50° F and 110 °F, in humidity up to 90%, and can operate continuously at an angle of 30° maximum.

Note:

Effective operation of the appliance requires heat to be radiated away from the condenser located at the end of the cabinet.

There must be adequate airflow around the compressor at all times.

The cooling system has been designed to operate correctly when the appliance is positioned on an incline of up to 30 degrees. It is recommended that you run the unit on an incline of more than 30 degrees for no more than four (4) hours at a time.

BATTERY MONITOR SETTING

Battery protection can be set by pressing and holding "SET" for three seconds.

12V DC input	Cut out	Cut in
LOW	8.5 V	10.9 V
MEDIUM	10.1 V	11.4 V
HIGH	11.1 V	12.4 V

24V DC input	Cut out	Cut in
LOW	21.3 V	22.7 V
MEDIUM	22.3 V	23.7 V
HIGH	24.3 V	25.7 V

*Values are for reference only and may be subject to change depending on conditions and power supply.

TIPS & MAINTENANCE

CLEANING AND MAINTAINING YOUR ICE MAKER

- Fresh and frozen foods should not be stored next to each other in the compartment. Doing so may cause fresh foods to freeze and spoil.
- When the unit is set at 32 °F or lower, do not store glass bottles or liquids such as beer, milk, juice, or soft drinks in the unit as these may freeze and shatter, leak, or burst.
- Items such as fruit and vegetables should be stored closer to the top of the compartment as this area is normally slightly warmer. This will reduce the risk of spoiling and ensures that heavier items won't crush and damage produce.
- To improve the efficiency of your fridge, it is better to keep the compartment as full as possible at all times. A full compartment traps cold air and consumes less power over 24 hours than a half-empty compartment does.
- Opening the door often allows warm air to enter the cabinet. Minimize door-opening as much as possible.
- When located in the rear of a car or trailer, the appliance should be kept out of direct sunlight to reduce the risk of increased heat. The appliance should also be provided with suitable ventilation to guarantee efficient power consumption and performance. Keep in mind that when a vehicle is parked in the sun on a day when the ambient temperature is 86 °F, the interior of the vehicle can reach 131 °F.

MAINTENANCE & SERVICE

Your fridge will be clean when it is delivered from the factory. Nevertheless, you should clean the appliance prior to initial use. Moisten a soft cloth with lukewarm water and wring it out if needed, ensuring that no water is dripping into the seals, potentially damaging the electronics. Dry the fridge with a separate soft cloth after cleaning. Clean your fridge periodically and anytime it is dirty.

- DO NOT use solvents, acids, or gritty substances to clean your fridge.
- DO NOT use brushes, files, hard objects, or sharp tools to clean your fridge.
- Before cleaning, disconnect the power cable and switch off the fridge.

TIPS & MAINTENANCE

- Clean the fridge inside and out with a damp cloth. For stubborn dirt, use baking soda dissolved in lukewarm water.
- After washing, rinse with clean water and dry carefully.
- When storing your fridge for an extended time, DO NOT fully close the lid.

This will prevent mold and odors from forming.

For additional queries related to service and maintenance, please contact After Sales Support. Our reps can offer expert advice and any further information you may require.



DISPOSAL

When it comes to the end of its working life, your fridge should be disposed of responsibly to avoid contaminating the environment. We recommend that you contact your local government for advice on the disposal of this unit.

SAVE THESE INSTRUCTIONS

For home, camping, and boat use

I TROUBLESHOOTING

Issue	Possible Solutions
The fridge will not turn on.	Check that the unit is switched on. Press the power button to turn on the unit.
	Check the power source (voltage may be too low).
	Check the power cable and all connections from the power source to the fridge.
	Overheating may lead to an automatic shutdown of the machine. Please wait for a few hours and then power on again to see if normal function is restored.
All contents of the fridge are frozen.	The temperature has been set too low, therefore increase the temperature setting.
The fridge performs poorly.	Too much food has been put inside the unit
	Ambient temperature is very high
	There is poor ventilation around the fridge
	Ensure power source has sufficient voltage
	Ensure lid is closed properly
	Temp.of the food put inside the fridge is too high
	Temperature is not set correctly
There is a sound of liquid flowing inside the unit.	This is a normal sound caused by the flow of refrigerant.
The fridge does not work, and the display does not light up.	There is no voltage present in the 12V/24V cigarette lighter socket in your vehicle. The ignition must be switched ON in most vehicles to apply current to the cigarette lighter socket
	No voltage present in the AC voltage socket. Try using another plug socket
	The 110V-240V AC adaptor is defective.This can be replaced by contacting after
The fridge does not work and the display does not light up when operating from a 12V/24V cigarette lighter with the ignition switch turned on.	The cigarette lighter socket fuse in vehicle is defective and must be replaced. The cigarette lighter socket in vehicle must be cleaned or the plug has not been assembled correctly.

TROUBLESHOOTING

The display shows an error message (F1).	Connected to DC power source, the Fridge/ Freezer has switched off.
	This may be due to setting low voltage. Check Battery Monitor setting is on Low.
	Re-start vehicle to increase battery voltage level.
	The fridge has switched off due to an internal fault. Contact After Sales Support.

TIPS AND SUGGESTIONS

Error Code	Possible Cause	Solution
F1	Low voltage to fridge	DC: Check all connections. Increase voltage of DC power source.
		AC: Replace defective 110V AC power adapter.
F2	Faulty condensor fan	Contact After Sales Support to arrange repair.
F3	Compressor pressure too high	Disconnect power to fridge for 20 minutes. Then attempt restart.
F4	Compressor not kicking in	Contact After Sales Support to arrange repair.
F5	Temperature of compressor and/or electronics too high	Disconnect power to fridge for 20 minutes. Then attempt restart.
F6	Faulty temperature sensor	Contact After Sales Support to arrange repair.

I SPECIFICATIONS

SKU	CF-35	CF-45	CF-55
Capacity	37qt	48qt	59qt
Cooling performance	-20°C to 20°C -4°F to 68°F		
Average power consumption	45W		
DC fuse	15A		
Rated current for DC	5.0A(12V)/2.5A(24V)		
Net weight	27.3 lbs	29.3 lbs	32.0 lbs
Unit dimensions L*W*H	690*345*382mm 27.17*13.6*15.1in	690*345*462mm 27.17*13.6*18.2in	690*345*524mm 27.17*13.6*20.6in
Climatic category	T/ST/N/SN		
Protective classification of electric shock resistance	III		
Refrigerant	32g	34g	40g

WARRANTY

Euhomy offers a limited one-year warranty ("warranty period") on all of our products purchased new and unused from Euhomy Technologies, with an original proof of purchase and where a defect has arisen, wholly or substantially, as a result of faulty manufacture, parts or workmanship during the warranty period. The warranty does not apply where damage is caused by other factors, including without limitation:

- (a) normal wear and tear;
- (b) abuse, mishandling, accident, or failure to follow operating instructions;
- (c) exposure to liquid or infiltration of foreign particles;
- (d) servicing or modifications of the product other than by Euhomy;
- (e) commercial or non-household use.

The Euhomy warranty covers all costs related to restoring the proven defective product through repair or replacement of any defective part and necessary labor so that it conforms to its original specifications. A replacement product may be provided instead of repairing a defective product. Euhomy's exclusive obligation under this warranty is limited to such repair or replacement. A receipt indicating the purchase date is required for any claim, so please keep all receipts in a safe place. Although greatly appreciated, the product registration is not required to activate any warranty, and product registration does not eliminate the need for the original proof of purchase. The warranty becomes void if attempts at repair are made by non-authorized third parties and/or if spare parts, other than those provided by Euhomy, are used.

You may also arrange for service after the warranty expires, at an additional cost. These are our general terms for warranty service, but we always urge our customers to reach out to us with any issue, regardless of warranty terms. If you have an issue with a Euhomy product, please contact us (support@euhomy.com), and we will do our best to resolve it for you.

This warranty gives you specific legal rights. You may have other legal rights, which vary from state to state, country to country, or province to province. Customers may assert any such rights at their sole discretion.

OPERATING PANEL & APP

- USB port is not equipped on all models.
- App control is not equipped on all models.
- Built-in battery is equipped for internal battery type.
- Product features are subject to actual purchase.

To connect the app:

1. Download the app from the App Store or Google Play.
2. Activate Bluetooth on your device.
3. Open the "Car Fridge Freezer" app.
4. Search for local equipment and choose the fridge.
5. Check the fridge's display panel. It should show "AP".
6. Press the settings button "⚙️" to connect the fridge to your device.

IOS



Android



TIPS AND SUGGESTIONS



CHAT WITH US

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