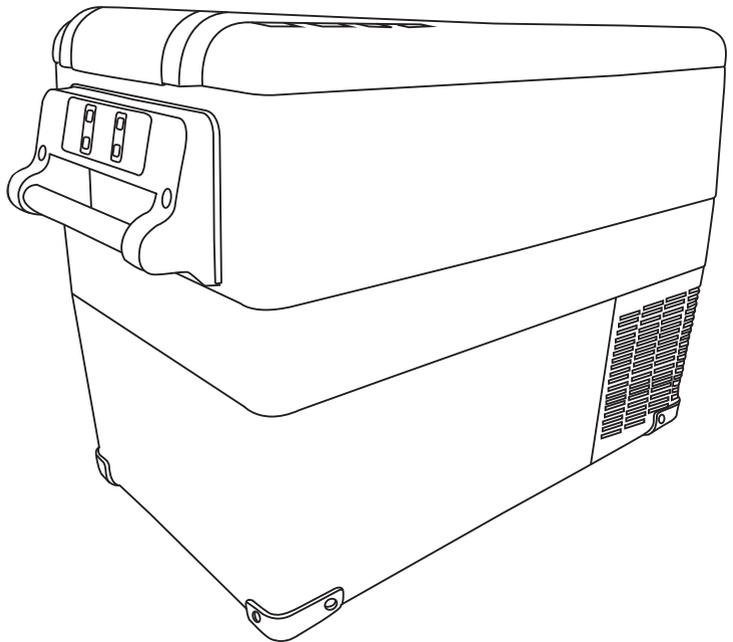


CF-35/45/55

Car Refrigerator

Instruction Manual

SKU: CF001-35GR-USZX
CF001-45GR-USZX
CF001-55GR-USZX



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IMPORTANT SAFETY INSTRUCTIONS

 Read and review instructions to understand the operation and use of the product.

 Indicates the presence of a hazard that can cause personal injury, death, or substantial property damage if the warning included with this symbol is ignored.

Warnings

Failure to follow these instructions could result in electric shock, fire, or burn hazards, which could cause property damage, personal injury, or death. When using electrical appliances, basic safety precautions should always be followed, including the following:

General Safety

1. This appliance can be used by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given instruction or have supervision concerning the use of the appliance safely and understand the hazards involved.
2. Ensure the outlet voltage and circuit frequency match the values indicated on the appliance's rating label.
3. Firmly insert the appliance plug into a AC outlet or a 12 V DC power socket. **DO NOT** modify the plug.
4. To prevent electric shock, never immerse the power cord, plug, or appliance in water or any other liquids.
5. Always ensure your hands are dry before plugging in or turning on the appliance.
6. **DO NOT** operate the appliance on wet surfaces.
7. **DO NOT** twist or damage the power cord, and **DO NOT** wrap it around the appliance. **DO NOT** move or carry the appliance by pulling or grabbing the power cord.
8. **DO NOT** let the door close on the cable, and **DO NOT** run the cable over sharp edges or corners.
9. Ensure the cable is kept away from hot surfaces.
10. Never handle uninsulated cables with bare hands, especially AC cables.
11. When connecting this device to a boat's AC power supply, a fuse and a ground fault (or leakage) protection device must be installed to ensure safety.

12. For AC installation on boats, please consult a qualified electrician and ensure the power connection includes an RCD (Residual Current Device).
13. When installing a DC power supply, be sure to use cables of the correct size and gauge; otherwise, the voltage may drop and affect performance.
14. If you need to use a DC extension cable, consult a qualified automotive electrician.
15. Please ensure there is adequate airflow around the compressor at all times.
16. Never block the compressor's ventilation openings.
17. For effective operation, please make sure that heat can be released from the condenser located at the end of the cabinet.
18. During operation, the appliance should be kept level. For extended use, the tilt angle must not exceed 5°, and for short-term use, it should not exceed 30°.
19. The fridge is designed for refrigerating or freezing food and is suitable for outdoor use, such as camping and tailgating.
20. If you intend to store medicines, please first verify that the fridge's cooling capacity meets the temperature requirements for those medicines.
21. **DO NOT** use any electrical appliances inside the refrigerator compartment.
22. Defrost the appliance regularly. Never use hard or sharp tools to remove ice from the refrigerator compartment.
23. **DO NOT** use abrasive materials or solvent-based substances to clean the interior of the refrigerator. Additionally, avoid cleaning with brushes, files, hard objects, or sharp tools, as these may cause damage.

Battery and Power Safety

24. If the refrigerator operates while the vehicle ignition is off, it will automatically shut down unless the vehicle has a dual-battery system.
25. When the vehicle starts, and the power voltage reaches the battery monitor's cut-in setting, press the refrigerator power button to turn it on.
26. To protect your battery, the refrigerator will automatically shut down if the input voltage is too low. It will only restart when the voltage reaches the cut-in threshold.
27. Over-voltage may damage the refrigerator's electronic components.
28. The refrigerator includes reverse polarity protection to prevent damage caused by incorrect battery connections or short circuits.

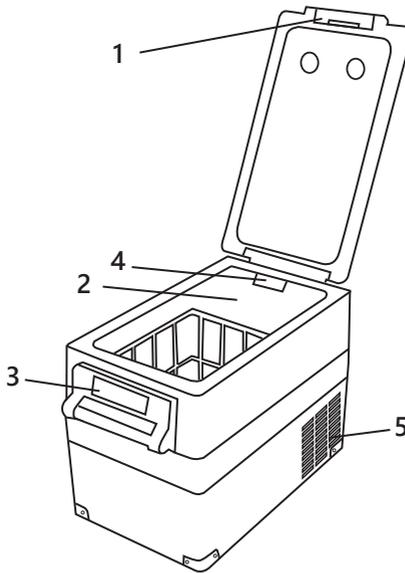
29. Use only the original DC power cord supplied with the refrigerator.
30. When connecting directly to the battery, ensure the positive and negative terminals are protected by a 15A inline fuse.

Other Important Safety Notes

31. The device must be left to stand for 24 hours before using the refrigerator.
32. When using the car refrigerator, leave at least 15 cm (about 6 inches) of space around it to allow for adequate ventilation and heat dissipation, and avoid direct sunlight.
33. If the fridge is placed at the rear of a car or trailer, avoid direct sunlight to prevent the internal temperature from rising too much.
34. Open the door less frequently to maintain cooling efficiency.
35. Please avoid storing fresh and frozen foods next to each other in the compartment, as this may cause fresh foods to freeze and spoil.
36. Fruits and vegetables should be stored on the upper level, as this area is typically slightly warmer than the lower section. This reduces the risk of spoilage and prevents heavier items from damaging the produce.
37. **DO NOT** store glass bottles or liquids such as beer, milk, juice, or soft drinks when the temperature is set to 0°C (32°F) or below, as they may freeze, leak, or burst.

KEY COMPONENTS AND STRUCTURE

- ① Door Lock
- ② Refrigerator Compartment
- ③ Control panel
- ④ LED Inner Light
- ⑤ Compressor Cooling Vent



Accessories

(If any parts are missing or accessories needed, please contact after-sales support team.)

DC Cable

AC Cable and Adapter

SETTING UP AND POWERING YOUR REFRIGERATOR

Connecting the Power Supply

Locate the DC power cord in the box. Connect the DC plug to the refrigerator power outlet.

Place the refrigerator in the back of the car, on the seats, or in other suitable locations.

Arrange the power cords according to the interior space of your vehicle. Insert the cigarette lighter plug (one end of the power cord) into the car's cigarette lighter socket.

Press the power button to turn on the refrigerator.

Power Supply Options

The refrigerator can be connected to multiple power sources.

It can be directly connected to a 12V/24V DC power supply.

An AC adapter must be used for a 100-240V AC power supply.

CAR BATTERY PROTECTION: VOLTAGE REFERENCE

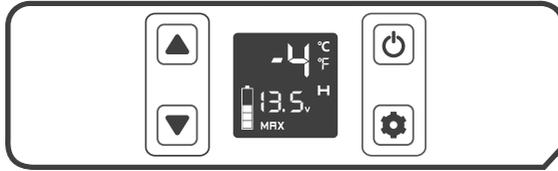
The built-in Eco electronic control module automatically monitors your car battery's voltage, preventing the battery from draining or interfering with the car's ability to start.

Voltage	Factory Default Protection Value H Level		
	H - High Level	M - Medium Level	L - Low Level
12V	11.1V OFF, 12.4V ON	10.1V OFF, 11.4V ON	8.5V OFF, 10.9V ON
24V	24.3V OFF, 25.7V ON	22.3V OFF, 23.7V ON	21.3V OFF, 22.7V ON

Note: When the refrigerator is operating, "off" or "on" indicates the status of the compressor (whether it is stopped or started).

When the product is connected to a car power source, the **High-level** setting (H) should be used. **M or L (Medium or Low Level)** should be set when connected to a portable battery or other backup battery.

HOW TO OPERATE THE CAR REFRIGERATOR



On/Off Button

Press the button briefly to turn the refrigerator on or off.

Setting Button

MAX and ECO mode: Press the button to toggle between MAX and ECO mode.

MAX mode: The compressor runs at full speed to quickly lower the temperature.

ECO mode: The compressor runs at a slower speed to conserve energy.

Battery Protection Setting: Press and hold the Setting button for 3 seconds. When H flashes, press the button again to toggle between H, L, and M (high, low, and medium). The selected setting will flash for 3 seconds, then save and exit. Please note that the default setting is H.

Power-Off Memory: The car refrigerator has a memory feature that automatically restores the previous power state (on/off and working mode) after a power cycle, eliminating the need to reset it.

Temperature Increase Touch Button

Press the button once to increase the set temperature by 1 degree.
Press and hold the button to increase the temperature rapidly.

Temperature Decrease Touch Button

Press the button once to decrease the set temperature by 1 degree.
Press and hold the button to decrease the temperature rapidly.

Actual Temperature Display: The temperature display shows the actual internal temperature of the refrigerator.

Temperature Range: The temperature can be set between -20°C to 20°C (-4°F to 68°F).

+ + **Temperature scale selection**

When the refrigerator is turned off, press and hold the Setting button for 3 seconds until "E1" appears. Continue pressing the Setting button until "E5" flashes on the display, then press the ▲ or ▼ button to switch between Celsius (°C) and Fahrenheit (°F).

Factory Reset

With the refrigerator turned off, press and hold the Setting button for 3 seconds until "E1" appears on the display. Then, press and hold both the ▲ and ▼ buttons simultaneously for 3 seconds. When the screen fully lights up and displays "888", the factory reset is complete.

Recommended Temperature For Common Foods

						
Drinks	Fruits	Vegetable	Delicatessen	Wine	Ice cream	Meat
5°C/41°F	5~8°C/41~46°F	3~10°C/37~50°F	4°C/39°F	10°C/50°F	-10°C/14°F	-18°C/0°F

APP CONNECTION

To connect the app:

1. Download the app from the App Store or Google Play.
2. Enable Bluetooth on your device.
3. Open the "Car Fridge Freezer" app.
4. Search for nearby devices and select your fridge.
5. Confirm the fridge display shows "AP".
6. Press the **Setting** button  to pair your fridge with your device.

IOS



Android



HELPFUL TIPS



Keep a spare battery on hand to ensure the refrigerator maintains its set temperature in any situation.



To store ice cream, set the refrigerator to the lowest temperature and keep the power on continuously.



Prevent health risks by avoiding bottled water deterioration caused by high temperatures.



Keep fresh or frozen foods safe—even luxurious seafood—during long trips with your car refrigerator.



Preserve the freshness of tea leaves in your car refrigerator to enjoy fresh, delicious tea anytime during your road trip.



The ideal storage temperature for red wine is between 50°F and 64°F. Your car refrigerator's precise temperature control ensures proper storage.



Fruits should not be left in a hot car for more than 2 hours, even with running air conditioning. However, your car refrigerator can keep fruit fresh for a much longer time.



Did you know? The coating on some sunglasses can peel off at high temperatures! Store your sunglasses safely in your car refrigerator.



Cosmetics can easily melt or spoil at high temperatures. Keep your makeup and other beauty products fresh and safe in your car refrigerator.

ERROR CODES

Error Code	Error Type
F1	Low input voltage
F2	Fan fault
F3	Compressor pressure too high
F4	Compressor not kicking in
F5	Temperature of compressor and/or electronics too high
F6	Temperature sensor wire disconnected

F1: Low Input Voltage

Issue 1: Use DC power cord: The refrigerator's power cord was plugged into the cigarette lighter before the car started.

Solution 1: Wait to connect the refrigerator until after the car has started.

Issue 2: Use DC power cord: The input voltage is too low.

Solution 2: Adjust the battery monitor setting to "M" or "L." If your vehicle's voltage is low, please check the charging system or battery. To prevent draining the battery, avoid prolonged use when the engine is off.

Issue 3: Faulty AC adapter (not delivering enough power)

Solution 3: Replace with OEM power adapter.

F2: Fan Fault

Please check if the ventilating fan is blocked or short-circuited. If the code shows again, we recommend contacting after-sales support team directly for assistance.

F3: Compressor pressure too high

Please try to perform a factory reset first, then disconnect the device from the power supply for 30 minutes and restart the device. If the code shows again, we recommend contacting after-sales support team directly for assistance.

F4: Compressor not kicking in

Move the device to a place with a well-ventilated environment. If the code shows again, we recommend contacting after-sales support team directly for assistance.

F5: Temperature of compressor and/or electronics too high

Move the device to a place with a well-ventilated environment. Disconnect the device from the power supply for 30 minutes and restore the device. If the code shows again, we recommend contacting after-sales support team directly for assistance.

F6: Faulty temperature sensor

Disconnect the device from the power supply for 30 minutes and restore the device. If the code shows again, we recommend contacting after-sales support team directly for assistance.

CORRECT DISPOSAL OF THIS PRODUCT



When the unit is taken out of service, its disposal and the handling of its materials must comply with national regulations.

1. Why can't the refrigerator maintain a stable temperature?

Temperature fluctuations are normal due to the compressor cycling on and off and external factors like frequent lid openings, high ambient temperatures, or a heavy load. Ensure proper air circulation around stored items and avoid overloading to maintain optimal performance. Slight temperature variations are expected to help maintain cooling efficiency.

2. Can I run the car refrigerator 24/7?

Yes, but turning it off when not in use is recommended to prolong its lifespan. Ensure your vehicle's battery and alternator can support continuous operation and provide adequate ventilation. Enable energy-saving mode if available, adjust temperature settings as needed, and clean the refrigerator regularly.

3. How can I extend the lifespan of my car refrigerator?

To help extend your car refrigerator's lifespan, ensure it's in a well-ventilated area and clean it regularly with a mild detergent. Avoid overloading it, and use a stable power source to prevent strain on the system. Setting reasonable temperatures, pre-chilling items before storing them, and keeping the machine away from direct sunlight or heat sources will also keep it running smoothly for longer.

4. Why doesn't the refrigerator cool efficiently in my car?

Factors like high ambient temperature, power supply instability, and limited airflow can affect cooling efficiency. Place the refrigerator in a well-ventilated area away from direct sunlight and use a stable power source.

5. Can the car refrigerator be placed on its side?

No. The refrigerator should only be placed horizontally and should not be tilted more than 30° for short periods. Placing it on its side may damage internal components or cause leaks.

6. Can I put ice in the car refrigerator?

Yes, ice can serve as a temporary cooling solution. For best results, we recommend using reusable ice packs or placing ice in a sealed container—never place ice directly inside the unit, as this may cause condensation and frost buildup, reducing cooling efficiency. Please note: This refrigerator is designed for DC-powered cooling, so ice should only be used as a backup option.

7. Does the car fridge have a built-in battery? What does the battery icon mean?

This fridge has no battery compartment and requires continuous power (AC/DC). It will shut off automatically when unplugged.

Battery Icon: Part of the built-in Eco control module that monitors your vehicle's battery voltage.

TROUBLESHOOTING

Problem	Possible Cause	Solutions
Car Refrigerator Not Working	Power connection is loose or incorrect (positive and negative terminals reversed)	Ensure the power is securely connected and the positive and negative terminals are connected correctly
	Check if the power cord has malfunctioned	Testing it in various regular outlets and cigarette lighters to determine if the issue is related to the power cord
	Power button on the control panel is off	Verify that the power button is turned on
	Cooling ventilation is obstructed	Ensure there is no obstruction around the refrigerator's ventilation
	Blown fuse	Check and replace the fuse if necessary
Poor Cooling Performance	Lid not securely closed	Ensure the lid is tightly closed
	Door seal is damaged or deformed	Check if the door seal is damaged, and replace it if necessary
	Insufficient ventilation around the refrigerator	Make sure the refrigerator has enough ventilation space
	Incorrect temperature setting	Set the temperature correctly according to the desired cooling level
	Power cord unplugged or disconnected	Check the power cord and all connections between the power source and the refrigerator
Abnormal Noise	The compressor is slightly noisy when starting	It's a normal phenomenon
	There is "water flow" sound inside the refrigerator	This is caused by the flow of refrigerant, and it is normal
	Refrigerator not on a level surface	Make sure to place the refrigerator on a flat, stable surface
	Surrounding objects are vibrating.	Check if nearby objects are causing vibrations and move them if necessary
	Loose parts or items have fallen inside the refrigerator	Check for any loose parts inside and secure them

Problem	Possible Cause	Solutions
The interior walls of the refrigerator are very cold and the compressor runs continuously	Frost or ice buildup is too thick on the interior walls of the refrigerator	Unplug the refrigerator, remove the items inside, allow the ice to melt naturally (or use tap water to speed up the melting process), dry thoroughly, and then restart
	The door is not properly closed or is opened too frequently	The refrigerator door should be kept closed as much as possible, and avoid opening it frequently
	The condenser is not well-ventilated	Place the refrigerator in a well-ventilated area
	The set temperature is too low	Turn the temperature setting higher
Unable to pair with Bluetooth device	Trying to pair through phone settings instead of the brand App	1. Be sure to pair using after-sales App 2. Unpair from the phone's Bluetooth settings first
	Missing location permissions (Android)	Go to the app settings → Enable "Location" permissions
	Distance too far (or BT gateway interference)	1. Move within 1 meter (3 feet) of the device/gateway 2. Remove any physical obstacles
	Device in use by another user	Please reset the product. To do this, turn off the refrigerator switch, then press and hold the ▲ and ▼ buttons on the refrigerator control panel for 3 seconds, and wait for a "beep" sound

SPECIFICATION

Specification	Value
SKU	CF001-35GR-USZX CF001-45GR-USZX CF001-55GR-USZX
Temp Control Range	-20 °C to 20 °C (-4 °F to 68 °F)
Average power consumption	60W
DC fuse	15A
Rated current for DC	5.0A(12V)/2.5A(24V)

TECHNICAL INFORMATION

SKU	CF001-35GR-USZX	CF001-45GR-USZX	CF001-55GR-USZX
Product Dimensions	27.2*13.8*15.1 inch	27.1*13.7*18 inch	27.2*13.6*21.0 inch
Net Weight	26.9lbs	30.4lbs	32lbs
Capacity	30.22L	39.70 L	49.15 L
Cryogen	R600A, 0.71Oz/20g	R600A, 0.71Oz/20g	R600A, 0.71Oz/20g

WARRANTY POLICY

1-Year Limited Warranty

Toll-Free Call: 1-833-632-0897 Mon to Fri, 9AM - 6PM (ET)

Email: support@homyd.com

Thank you for choosing our products. We provide a 1-Year Limited Warranty for items purchased through our official channels. Please kindly note that this warranty is for the original purchaser and is non-transferable. If you purchase from an unauthorized seller, please get in touch with them directly.

We are committed to ensuring that our products are free from defects in materials and workmanship for one year from the date of purchase, as long as they are used under normal household conditions and maintained according to the User Manual. **Please note that certain conditions and exclusions apply:**

Should you find any defects in the original product or its non-wearable parts, we will be happy to repair or replace the item within one year of purchase. If a replacement is necessary, the warranty period will continue from the original purchase date. Please be aware that normal wear and tear or damage due to mishandling, accidents, or failure to follow instructions are not covered. However, replacement parts are available for purchase. Feel free to contact us for more information.

Please also note that this warranty does not cover damage caused by exposure to liquids or foreign materials, unauthorized repairs or modifications, or use in commercial or non-household environments (unless specified for commercial use).

If you encounter any issues with your product, we are here to help. You can reach us by phone at **1-833-632-0897** or email us at **support@homyd.com**. For certain product categories, we also offer the option to upgrade your warranty to our VIP service.

Our friendly phone support team is available from **Monday to Friday, 9 AM - 6 PM (ET)**. To assist you more efficiently, please have your product with you when you call. We aim to respond to emails within 24 business hours. If you don't receive a reply after sending us an email within this time frame, kindly check your spam folder to ensure you don't miss our response.

In addition to the one-year warranty, we also offer lifetime technical support. After the warranty period, service is still available at an additional cost. Please don't hesitate to contact us with any questions or concerns.

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