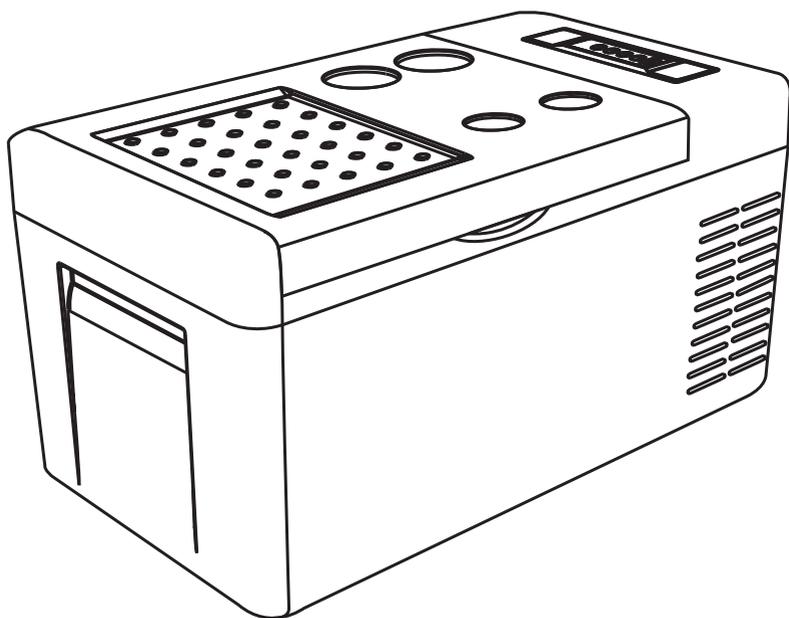


CFC-18/CF004-25 CAR REFRIGERATOR

User Manual

SKU: CF004-18BL-USZX
CF004-25BL-USZX



For Customer Service Support
Call: 1-833-632-0897
Email: support@homyd.com

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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:

Child Safety

1. Keep the car refrigerator and its cord out of the reach of children.
2. This product is not a toy. Keep it out of children's reach.
3. **DO NOT** allow children to climb on or enter the refrigerator to prevent suffocation or other injuries.
4. **DO NOT** allow children to operate the appliance. Close supervision is required when the appliance is used near children.
5. Cleaning and maintenance should not be performed by children.

Power Connection

6. Use only the included power adapter or one that meets the specified requirements.
7. Ensure the refrigerator is always connected to the correct voltage. When using DC power, ensure the vehicle's cigarette lighter or other power outlets match the refrigerator's voltage specifications (typically 12V or 24V). The product's specification label shows the approved voltage.
8. Never use the power adapter in damp or wet environments to avoid electric shock.
9. Regularly inspect the appliance and power cord. **DO NOT** use the refrigerator if the power cord or plug is damaged.

Fire and Overheating Prevention

10. Place the car refrigerator in a well-ventilated area, and avoid obstructing the ventilation openings or placing it in an enclosed space.
11. Never cover the refrigerator or place it near heat sources, such as open flames or heaters.

12. Avoid exposing the refrigerator to direct sunlight during use, as excessive heat build-up could cause malfunction or pose a danger.
13. To prevent fire hazards, **DO NOT** place the appliance near a gas stove or electric cooktop.

Installation and Transport

14. When moving or transporting the refrigerator, ensure it remains upright to prevent refrigerant leakage or damage.
15. Properly secure the refrigerator in the vehicle to avoid tipping or sliding during travel.

Usage Instructions

16. When moving or transporting the refrigerator, ensure it remains upright to prevent refrigerant leakage or damage.
17. Properly secure the refrigerator in the vehicle to avoid tipping or sliding during travel.
18. Never place flammable items (e.g., gasoline, sprays) or pressurized containers (e.g., canned beverages) inside the refrigerator.
19. Avoid frequently opening and closing the refrigerator door to maintain a stable internal temperature.

Maintenance and Cleaning

20. Always unplug the refrigerator before cleaning, and avoid using corrosive or volatile cleaning agents.
21. Regularly inspect the power cord for wear or damage. If any issues are found, replace the cord promptly or contact customer support.
22. If the refrigerator will not be used for an extended period, disconnect the power and empty its contents.

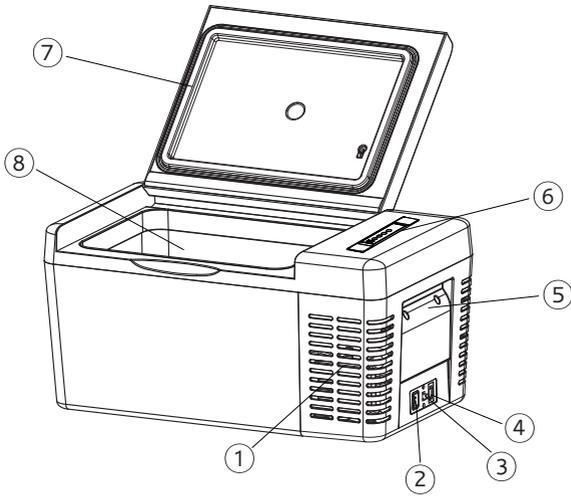
Other Important Safety Notes

23. **DO NOT** expose the refrigerator to rain or other water sources.
24. If the refrigerator shows any abnormal signs (e.g., strange noises, smoke, or unusual odors), immediately disconnect the power and contact a qualified technician. **DO NOT** attempt to repair it yourself.

25. This product is intended for home or vehicle use only. **DO NOT** use it for industrial or professional refrigeration.
26. Never attempt to modify the refrigerator. Doing so may pose a serious safety risk.

KEY COMPONENTS AND STRUCTURE

- ① Compressor Cooling Vent
- ② Power Input
- ③ Three-Position Battery Protection Switch
- ④ Fuse
- ⑤ Handle
- ⑥ Digital Touchscreen Control Panel
- ⑦ Sealing Rubber Gasket
- ⑧ Refrigerator Compartment



Accessories

- 1 x DC Cable
- 1 x 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 and hold the power button for 3 seconds 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

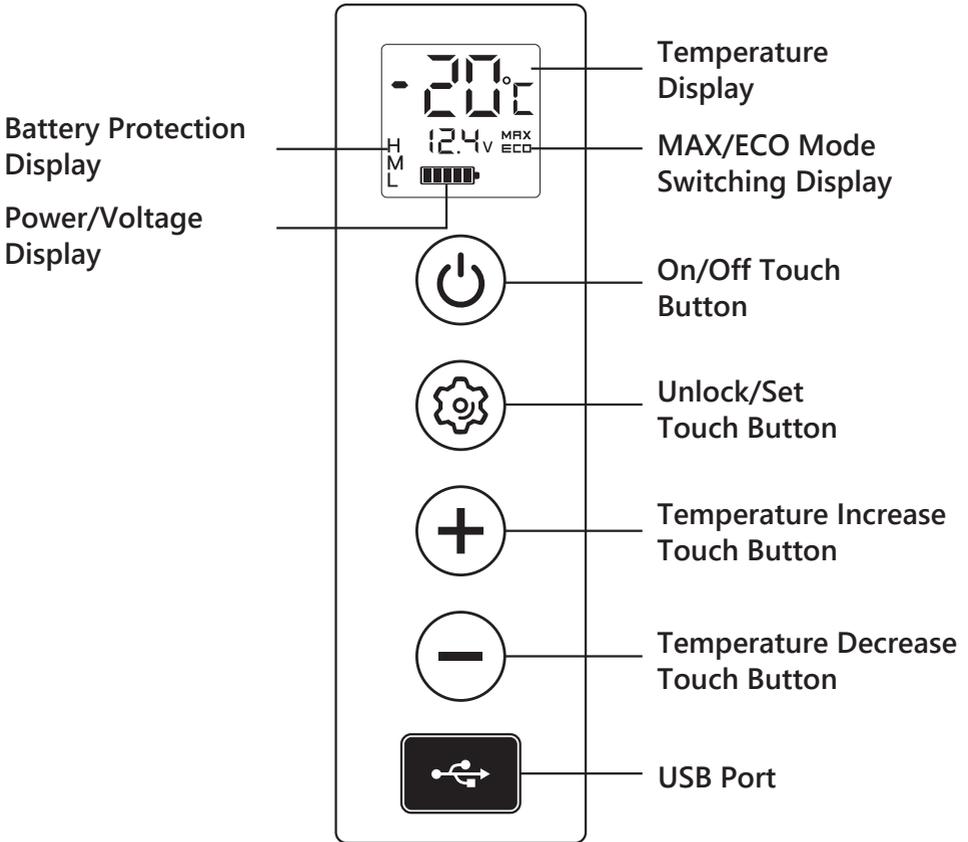
- The built-in Eco electronic control module automatically monitors your car battery's voltage, preventing the battery from draining or interfering with the car's ability to start.

Voltage	Factory Default Protection Value H Level		
	H - High Level	M - Medium Level	L - Low Level
12V	11.3V OFF, 12.5V ON	10.1V OFF, 11.4V ON	9.6V OFF, 10.9V ON
24V	24.6V OFF, 26V 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).

TOUCHSCREEN PANEL INTRODUCTION



On/Off Button

Press and hold the button for 3 seconds to turn the fridge on or set it to standby mode.

Set 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 **Set** button for 3 seconds to enter the Battery Protection setting. Then, press the button to toggle between H, L, and M (high, low, and medium). The selected setting will flash for 5 seconds, then save and exit.

Unlock the device: When the refrigerator is locked through the app, you can unlock it either through the app or by pressing and holding the **Set** button on the refrigerator for 3 seconds.

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.

+ **Temperature scale selection**

Press the **Set** and “+” buttons simultaneously for 3 seconds to switch the temperature unit between °F and °C. Make sure no symbols are flashing when using this function.

TEMPERATURE ADJUSTMENT

Adjust the internal temperature of the car refrigerator using the smart touch screen.

Operation Method

Turning the Refrigerator On/Off

Press and hold the **On/Off** button for 3 seconds to turn the refrigerator on or off.

Adjusting the Temperature

Use the “+” or “-” buttons to adjust the temperature.

Quick Temperature Adjustment

Press and hold the “+” or “-” button to quickly increase or decrease the temperature by 1°C at a time. The temperature will adjust continuously, and the number will stay steady while it's changing.

Exit Temperature Setting

If no buttons are pressed within 3 seconds, the temperature display will stop flashing and exit the temperature setting mode, saving the currently set temperature.

Actual Temperature Display

The temperature display shows the actual internal temperature of the refrigerator.

Standby Mode

Only the **On/Off** button is lit in standby mode, and the temperature display and other buttons are turned off.

Switching Between Modes

Press the **Set** button to toggle between *MAX* and *ECO* modes in working mode.

- **MAX Mode:** Provides powerful cooling for quick temperature reduction.
- **ECO Mode:** Offers energy-saving cooling for more prolonged use.

Temperature Range

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

Temperature Unit Conversion

Press and hold both the **Set** and “+” buttons for 3 seconds to switch between Celsius (°C) and Fahrenheit (°F).

Power Protection Mode

Press and hold the **Set** button for 3 seconds to enter the battery protection settings.

Press the **Set** button to switch between **H**, **L**, and **M** (High, Low, and Medium). The selected setting will flash for 5 seconds before exiting and saving the choice.

***Recommended** Use the “**H**” (High) setting when the refrigerator is connected to a car battery.

Power-Off Memory

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

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.

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.

DEFINITION OF ERROR CODES

Error Code	Error Type
<i>E1</i>	Low input voltage
<i>E2</i>	Fan fault
<i>E3</i>	Input voltage fault due to compressor starting and stopping fluently
<i>E4</i>	Low rotational speed of compressor
<i>E5</i>	Overheating of controller chip
<i>E6</i>	Temperature sensor wire disconnected

E1: Low Input Voltage

Issue 1: 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: The input voltage of the adapter is too low.

Solution 2: Adjust the battery protection level to "M" or "L." If this doesn't resolve the issue, replace the adapter.

E2: Fan Fault

Please replace the fan if a malfunction has been indicated. However, we recommend contacting the support team directly for assistance.

E3: Input Voltage Fault Due to Compressor Starting and Stopping Frequently

When the refrigerator is used in a car and E3 appears:

A. Please turn off the refrigerator for 5 minutes, then restart it.

B. If this does not resolve the issue, please refer to the *E1* error for solutions.

When the refrigerator is connected via an adapter and E3 appears:

Please adjust the battery protection level to "M" or "L." If this does not work, please replace the adapter. However, we recommend that you contact the support team for assistance.

E4: Low Rotational Speed of Compressor

Please adjust the input voltage and restart the refrigerator.

E5: Overheating of Controller Chip

Please power off the refrigerator for 5 minutes. Check if poor ventilation around the compressor is causing the overheating.

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

- Temperature fluctuations in a car refrigerator are **entirely normal** and occur due to its operating characteristics and external factors. For example, the compressor cycles on and off to maintain the set temperature, naturally leading to slight variations.
- Additionally, external conditions like **frequent lid openings, high ambient temperatures, or a heavy load** can temporarily affect the internal temperature.
- To ensure optimal performance, make sure there is enough space around stored items to allow proper air circulation. **Overloading the refrigerator** can cause uneven cooling.
- Remember, the set temperature is an average target, so slight fluctuations are expected and help maintain overall cooling efficiency.

2. Can I put ice in the car refrigerator?

- Yes, you can use ice in the car refrigerator as a temporary cooling solution, but it's important to consider the following:
- **Direct Ice Use:** Ice can help keep items cool when electricity isn't available.
- **Reusable Ice Packs:** These are a cleaner and more efficient alternative to loose ice.
- **Condensation Management:** Melted ice can cause condensation, so use containers to hold the ice and clean the interior regularly.
- **Primary Function:** The refrigerator is designed to use DC power for cooling, so ice should only serve as a backup solution.

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

- You can run the car refrigerator 24/7, but turning it off when not in use is recommended to extend its lifespan. To ensure optimal performance, make sure your **vehicle's battery and alternator** can support continuous operation and provide **adequate ventilation** around the refrigerator to prevent overheating.
- If available, enable the **energy-saving mode** to reduce power consumption. Additionally, adjust the **temperature settings** based on your needs and environment, and perform **regular maintenance** by cleaning the refrigerator to keep it functioning efficiently.

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

Follow these practices to help you extend the lifespan of the product:

- **Proper Ventilation**
Place the refrigerator in a well-ventilated area.
- **Regular Cleaning**
Clean the interior and exterior with a mild detergent.
- **Avoid Overloading**
Leave some space for airflow to prevent overworking the compressor.
- **Stable Power Source**
Use a steady power supply that meets the voltage requirements.
- **Avoid Extreme Settings**
Don't set the temperature unnecessarily low.
- **Pre-Chill Items**
Cool items before placing them inside.
- **Avoid Heat Sources**
Keep the refrigerator away from direct sunlight or heat sources.

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

The cooling efficiency of a car refrigerator can be influenced by several factors, including **ambient temperature**, **power supply stability**, and **ventilation**. For instance, hot weather can increase cooling time, while vehicle power may be less stable than household electricity, affecting performance. Additionally, **limited airflow** around the refrigerator inside the car can reduce its efficiency. To optimize cooling, place the refrigerator in a **well-ventilated spot** away from direct sunlight and use a **dedicated power source** to ensure a stable power supply.

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

No, the refrigerator is designed for horizontal operation with a tilt angle of **no more than 15°**. Placing it on its side may damage internal components or cause leaks.

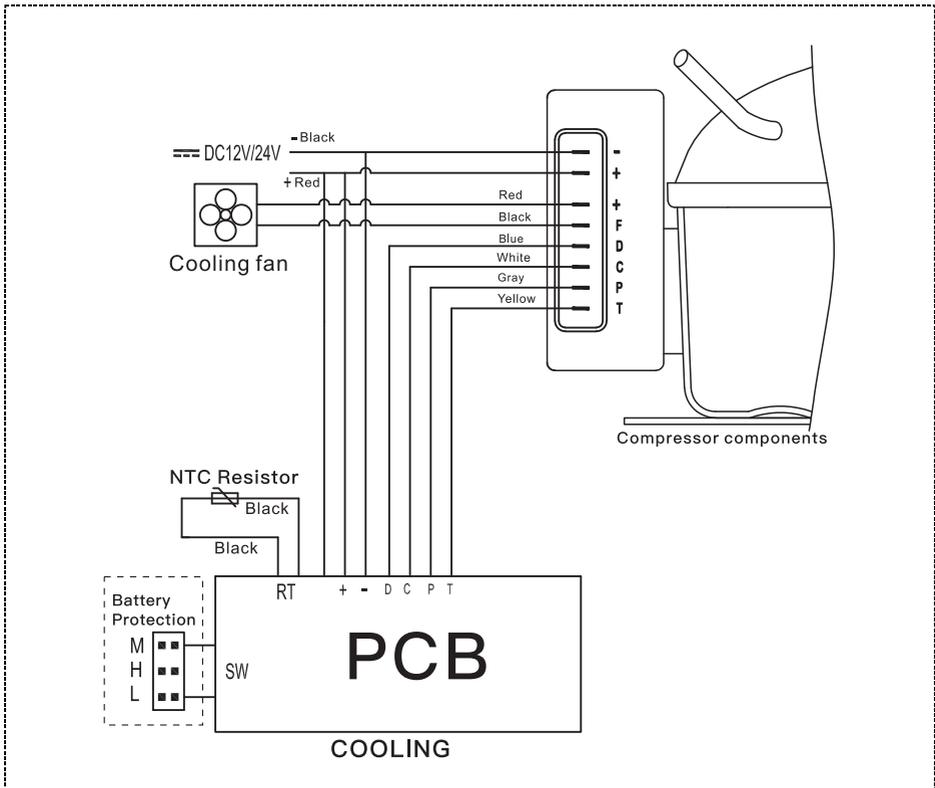
TROUBLESHOOTING — SUPPORT@HOMYD.COM

Problem	Possible Cause	Solution
Car Refrigerator Not Working	Power connection is loose or incorrect (positive and negative terminals reversed)	Ensure the power is securely connected, and check the polarity of the terminals
	Power button on the control panel is off	Verify that the power button is turned on
	Obstructed cooling ventilation	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	Inspect the door seal for damage and replace if needed
	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	Unplug the refrigerator for 24 hours and then plug it back in to reset
Abnormal Noise	Refrigerator not on a level surface	Ensure the refrigerator is placed on a flat, stable surface
	Vibrations from surrounding objects	Check if nearby objects are causing vibrations and move them if necessary
	Loose parts or fallen items inside	Inspect the interior for loose parts and secure them.
Refrigerator Condensation	High humidity levels (over 75%)	Condensation is normal in high humidity. Ensure proper ventilation and avoid placing the refrigerator in humid environments when possible

If you encounter any issues that cannot be resolved through basic troubleshooting, please contact support team for assistance.

SPECS

SKU	CF004-18BL-USZX	CF004-25BL-USZX
Input voltage	DC12V/24V AC100-240V	DC12V/24V AC100-240V
Temp control range	-20°C to 20°C (-4°F to 68 °F)	-20°C to 20°C (-4°F to 68 °F)
Cryogen	R134a (22g)	R134a (22g)
Rated power	45W±20%	45W±20%
Current	4.1A	4.1A
Net weight	21.1 lbs	22.5 lbs
Product size(L*W*H)	22.7*12.6*11.5 in	22.6*12.6*14.0 in
Packing Size(L*W*H)	24.3*14.3*13.2 in	24.2*14.4*15.7 in



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. Besides, we aim to respond to emails within 24 business hours. If you don't receive a reply within this timeframe after sending us an email, 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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