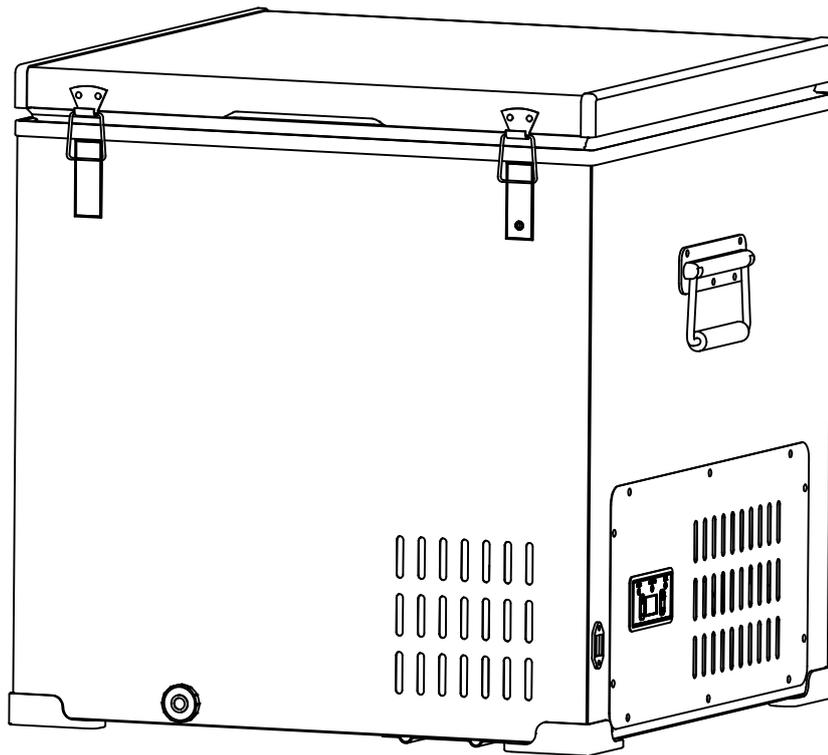


PORTABLE REFRIGERATOR/FREEZER

User Manual



Please read the user manual carefully before use

Important Safety Information

Improper handling can cause serious damage to the unit. Portable car refrigerator injury to the user. This car refrigerator is designed for domestic indoor use only. Do not use the unit for industrial or commercial use. Any other use may invalidate the warranty. Please review the ratings label located on the rear panel of the unit for electrical and other technical data related to this unit. The unit must be used in a properly grounded wall outlet.

Please read and follow the safety information listed below to reduce the risk of fire, electric shock or injury.



Electrical Safety

- Do not exceed the power outlet ratings.
- Use outlets that cannot be turned off by a switch or pull chain.
- Never pull the power cord to disconnect it from the outlet. Grasp the plug directly and pull it from the outlet.
- Never lift or carry the freezer by the power cord.
- Keep the power cord away from heated surfaces.
- Always turn the unit off and unplug it from the outlet when cleaning.
- Do not operate the unit with a power plug missing the ground plug, a damaged cord or a loose socket.
- Be sure the portable freezer is properly grounded.
- Never handle/operate the unit with wet hands or standing on a wet surface.
- Keep protected from rain, sleet, snow, and/or moisture.
- Do not bypass, cut or remove the grounding plug.
- Do not use extension cords or power strips with this unit, plug directly into outlet.
- Do not modify the power cord's length or share the outlet with other appliances.
- Do not start or stop the unit by switching the circuit's power on and off. •If the power cord is damaged, it must be replaced by the manufacturer or a qualified technician.
- Immediately unplug the unit if it makes strange sounds, emits smells or smoke comes out of it, and contact customer service.
- Do not remove any part of the casing unless instructed by an authorized technician.
- You should never attempt to repair the unit yourself, please contact our service team.
- Do not pinch or kink the power supply line between the unit and cabinet.



General Safety

- To prevent back and other types of injuries, use at least two people to move the portable freezer.
- When positioning the portable freezer, ensure that there is at least a 2" clearance at sides and a 4" clearance at the rear of the unit allowing proper ventilation of heat.
- To ensure temperature will not increase dramatically close the freezer lid immediately.
- This unit is not intended to be used by children and should be supervised to ensure that they do not play with this product.
- Never allow children to crawl inside the unit. If disposing the unit, remove the door.
- If your model of portable freezer is equipped with a lock, be sure to keep the keys away from children.
- Do not place the unit near heat sources such as ovens, grills, or direct sunlight.
- Do not leave any cleaning solutions in the unit.
- Do not use solvent-based cleaning agents or abrasive solutions to clean the unit as they may damage the interior and exterior.
- Do not turn the unit upside down, on its side, or at an angle beyond 30 degrees.
- Only use in an upright position on a flat, level surface.
- Make sure unit is on a stable surface able to withstand the weight of the unit and all of its contents.
- Do not move the unit without emptying the contents and securing the door in a closed position.
- The cord should be secured behind the unit and should not be left exposed to avoid damage and/or injury.
- Unplug the unit if it is not going to be used for an extended period of time.

Note: For your personal safety, this appliance must be grounded. It is equipped with a power supply cord having a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-pronged wall socket, and grounded in accordance with the National Electrical Code and local codes and ordinances. If a mating wall socket is not available, it is the personal responsibility of the customer to have a properly grounded, 3-prong wall receptacle installed by a qualified electrician.

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Introduction

Thank you for purchasing this portable car refrigerator. We are glad you chose us. We believe that your purchase of this product opens a relationship between you and us. We will provide the customer support needed to nurture that relationship.

This manual contains important information regarding the proper installation, use and maintenance of your portable car refrigerator. Following this manual will ensure that your product will work at its peak performance and efficiency.

Please save the original product packaging in case you need to safely transport your wine refrigerator.

For Your Records:

Please write down the model number and serial number below for future reference. Both numbers are located on the ratings label on the back of your unit and are needed to obtain warranty service. You may also want to staple your receipt to this manual as it is the proof of your purchase, and is also needed for service under your warranty.

Model Number: _____

Serial Number: _____

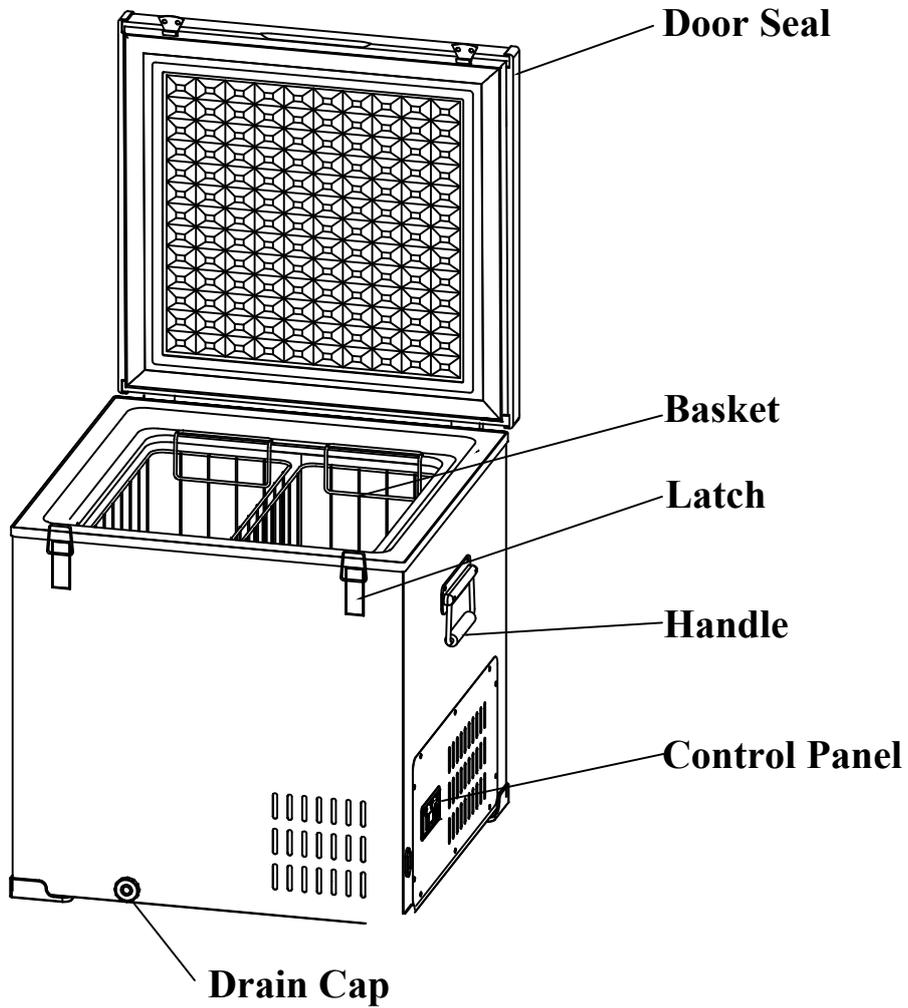
Date of Purchase: _____

To better serve you, please do the following before contacting customer service:

- If you received a damaged product, immediately contact the retailer or dealer that sold you the product.
- Read and follow this instruction manual carefully to help you install, use and maintain your portable car refrigerator.
- Read the troubleshooting section of this manual as it will help you diagnose and solve common issues.
- Visit us on the web to register your product, download product guides, additional troubleshooting resources and up-to-date information.
- If you need warranty service, our friendly customer service representatives are available via email or by telephone.

Parts Identification

Open View

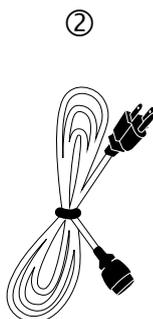


Accessories

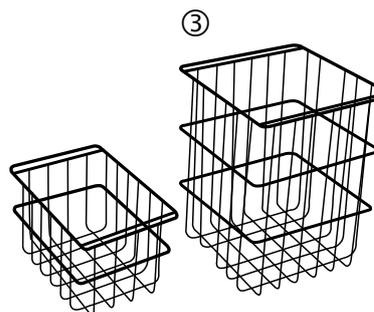
1. DC Power Cord- For use when traveling, plug directly into car lighter.
2. AC Power Cord- For use at home, plug directly into grounded outlet.
3. Interior Wire Baskets



DC Power Cord



AC Power Cord



Small Basket & Large Basket

Proper Location

NOTE:

Because this unit is compressor based, ample space is required around the unit to allow it to exhaust properly.

NOTE:

For refrigerator with drawbar, it is prohibited to draw it if the electricity is on. It is not recommended to draw it if the floor is not smooth. Do not use it if the refrigerator is tilted. If the refrigerator is drawn to a place for use, please leave it upright for 10 minutes before use.

- Position your portable freezer in a location where there is proper air circulation and electrical connections.
- Keep the portable freezer away from heat and direct sunlight if possible.
- This portable freezer is suitable for car use and camping however, the appliance should not be exposed to rain or any other severe weather elements.
- This portable freezer should not be placed in a built-in or recessed area. It is designed to be freestanding.
- The normal operation of the freezer depends on heat radiation from the condenser. For the initial use, remove all packaging and allow at least 6" of room around the freezer (2" inches at side, 4" at rear of unit).

Handling and Installation

1. Remove all interior and exterior packaging.
2. Position the freezer in a dry and well-ventilated place. Keep the freezer away from direct sunlight, heaters and corrosive gas.
3. Clean the interior surface with a little bit of lukewarm water and a soft cloth.
4. When inserting the AC power-cord into the power socket, make sure the power socket is a grounded 100-240V~AC /50- 60Hz socket. Also make sure that the unit's grounding prong has not being tampered with.

Note: When inserting the DC power-cord, make sure the input is a 12V~DC / 24V power source.

5. When moving the freezer, always use both handles to the carry the unit as level as possible. This is in order to protect the compressor and the sealed system

WARNING: Use two or more people to move and handle this unit. Failure to do so can result in back or other injury. Carefully remove the packaging materials and any shipping tape before using.

IMPORTANT:

Do not remove any safety, warning, or product information labels from your portable car refrigerator.

Operating Your Portable Car Refrigerator

Test Run

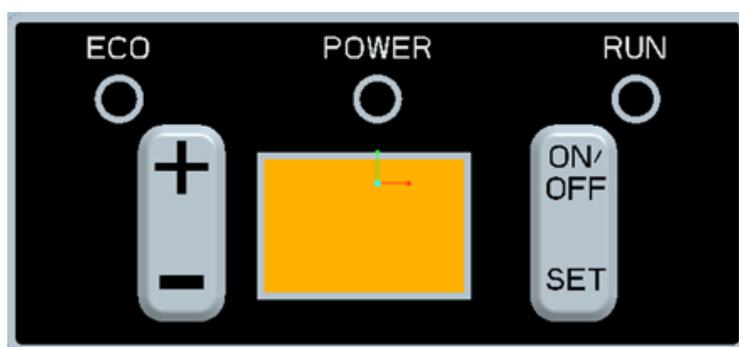
DC input power

☒ When attempting to plug your portable freezer into a standard 12 V socket, the unit will not work if socket has a voltage of less than 9.6 V. The unit will restart when the voltage is 12.2V or greater.

☒ When attempting to plug unit into a standard 24 V socket, the unit will not work if the socket has a voltage of less than 21.3 V. The unit will restart when the voltage is 25.2 V or greater.

Understanding the Temperature control setting

Your portable freezer uses a digital control system for adjusting the thermostat.



1、 ON/OFF button:

--Connect the refrigerator to the power supply and press the ON/OFF button once.

--Press the ON/OFF button again, the refrigerator will be off.

2、 SET button:

--Long press SET button for 3 seconds and enter advanced parameter mode:

(1) Voltage protection mode: The machine has three battery protection functions, which protect the normal operation of the refrigerator and protect the battery of the vehicle. The three functions are H3 (high), H2 (medium) and H1 (low). Short press "+" or "-" button to choose the function. The function is set at "H2" (medium) protection when the refrigerator is finished at the factory.

NOTE:

It is recommended to set the battery protection at H2 (medium) when it is used in the car.

It is recommended to set the battery protection at H2 (medium) or H1 (low) if it is external battery or backup battery.

Because of the difference in voltage output from different vehicle power supply output, if there is voltage protection (display screen shows F1), the battery function could be reduced to a lower one (H3 is adjusted to H2 or H1).

If to use the refrigerator after the car engine runs out of fire, please adjust the battery protection at H1 (low).

Otherwise, there may be a situation where the battery power of the car is too much consumed to start the vehicle.

The three voltage parameters as below:

H3 (high): 10.9V (stop) --12.2V (start voltage) 23.8V (stop) --25.2V (start voltage)

H2 (medium): 9.7V (stop) --11.0V (start voltage) 21.5V (stop) --22.9V (start voltage)

H1 (low): 9.6V (stop) --10.9V (start voltage) 21.3V (stop) --22.7V (start voltage)

(2) Short press the SET button again, and it becomes ECO or HH mode:

--Short press "+" or "-" button to choose ECO (energy-saving mode) or HH (fast cooling mode).

--The original set by factory is HH.

(3) Short press the SET button to choose the function of switch between Celsius and Fahrenheit. When you find this function, please short press "+" once or twice to choose Celsius or Fahrenheit.

NOTE: If there is not any press on SET button for 10 second, the refrigerator will exit advanced parameter mode automatically.

3、“+” Button: for increasing the temperature setting, or There are other settings described above.

4、“-” Button: for decreasing the temperature setting, or There are other settings described above.

--After you press ON/OFF button, you can set the temperature range from -25°C to 2°C. Short press "+" and "-" button, or long press "+" and "-" button to adjust the temperature.

--When the refrigerator is on, press ON/OFF button and "-" button meanwhile for 5 seconds, then the machine enters the temperature calibration mode, and the temperature can be adjusted at range of -5°C to 5°C.

5、“Power” indicator:

--When the refrigerator works, the light is red.

--The refrigerator stops working and the light goes out.

--When the refrigerator works in the ECO mode, the light is green.

6、“Error” indicator: Fault alarm

--If there is a failure, the buzzer will ring continuously.

--the screen will show the fault codes.

--the failure indicator will be on in blue.

7. LED display: shows

--Display the temperature and other settings.

--the screen will show the fault codes.

--with codes as below:

F1: Voltage failure

F2: Fan current failure

F3: Compressor starting failure

F4: Minimum speed failure of compressor

F5: Controller temperature fault

E0: Broken sensor circuit

E1: Sensor short circuit

NOTE: The system is abnormal, check first if the battery voltage is right. If the battery voltage is right, then wait 3 minutes before you switch on the refrigerator. If the system is still abnormal when you restart the machine, then call the after service for help.

kindly reminder: Common temperature setting

•Red wine storage (10°C), Vaccine, Insulin (2°C- 8°C), Fruit (4°C- 6°C), Beverage (2°C- 5°C), Meat (-10°C), Ice cream (-15°C); Please be careful if you want to store drugs in the refrigerator.

TROUBLESHOOTING

Follow the troubleshooting guide below to resolve common issues.

Issue	Possible Cause	Solution
Unit is not functioning at all and shows no signs of power.	Unit is not receiving power	Make sure the unit is plugged in
	Insufficient power	Move the unit to another outlet. Check your circuit breaker. (Refer to the rating label on the back of the unit to determine the Amperage draw)
	AC power cord	Test with a different cord. If unit works, replace the AC power cord.
	DC power cord	Test the unit with another power supply, e.g. another vehicle with a known working DC power outlet.
	Disconnected wire	Contact customer service
Unit is making strange noises	Some noises are normal	Review the normal sounds section of this manual.
	The unit is not level	Move the unit to a level surface
Unit is making a loud continuous metallic knocking or pinging sound	Unit may have been shipped on its side	Shut off the unit. Let the unit sit on a level surface for at least 24 hours and restart.
	Damaged compressor	Contact customer service
Unit is leaking	Drain plug is not attached	Insert the drain plug into the drain port.
Unit runs for a little while and then it trips the power cord or the circuit breaker	The unit may be plugged into an outlet that cannot supply the correct amount of current	Contact an electrician if the unit works in a different room or circuit
The control panel lights blink randomly	Unit may have a faulty control panel	Restart the unit, and if issue persists, contact customer service
Unit has an HH error	Ambient temperature has exceeded 40°C	Restart the unit, and if issue persists, contact customer service
Unit has an OC error	Thermostat error was detected	Restart the unit, and if issue persists, contact customer service
Unit has a SC error	A short circuit in thermostat detected	Restart the unit, and if issue persists, contact customer service
Unit has power, but the compressor does not run	Ambient temperature is too low	Move the unit to a warmer location.
	Disconnected wire	Contact customer service