

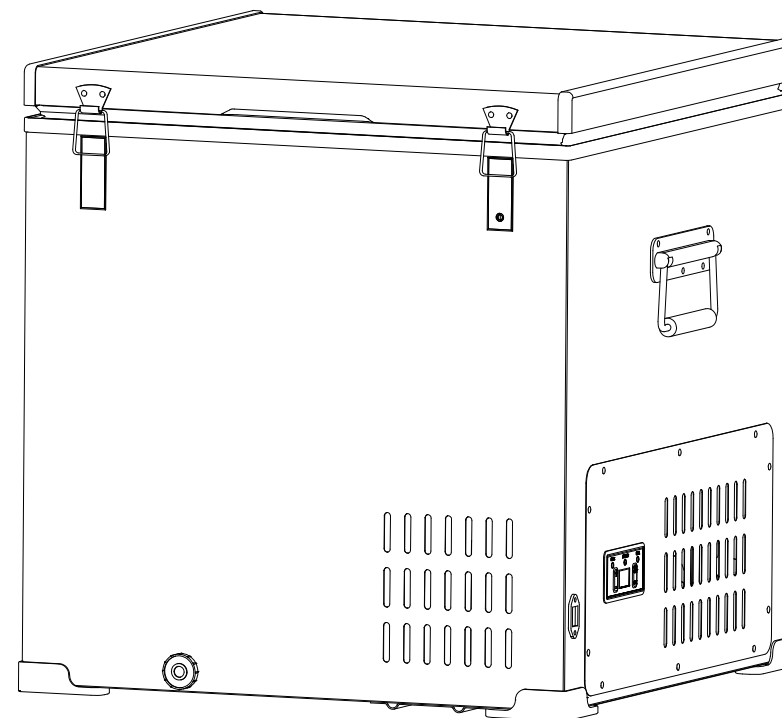


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USER'S MANUAL

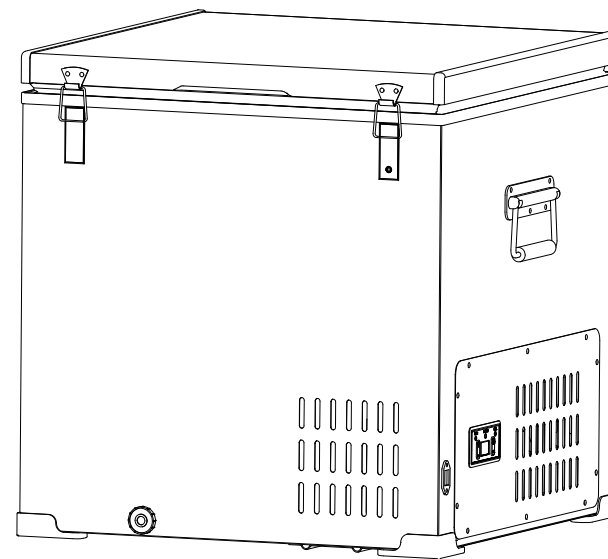
AC/DC CHEST FREEZER AX10007US-GR

THIS INSTRUCTION BOOKLET CONTAINS **IMPORTANT** SAFETY INFORMATION. PLEASE READ AND KEEP FOR FUTURE REFERENCE.



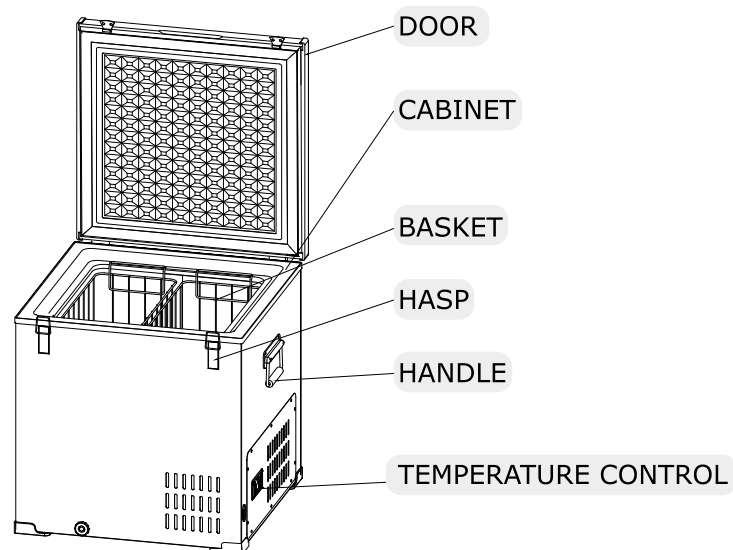
Before You Start

- ⚠ Please read all instructions carefully.
- ⚠ Retain instructions for future reference.
- ⚠ Separate and count all parts and hardware.
- ⚠ Read through each step carefully and follow the proper order.
- ⚠ We recommend that, where possible, all items are assembled near to the area in which they will be placed in use, to avoid moving the product unnecessarily once assembled.
- ⚠ Always place the product on a flat, steady and stable surface.
- ⚠ Keep all small parts and packaging materials for this product away from babies and children as they potentially pose a serious choking hazard.



CHARACTERS AND FUNCTIONS

1. External rotor energy efficient DC compressor with the characteristic of high reliability, energy saving, long service life, quick refrigeration
2. Polyurethane insulation layer with better thermal insulation performance and lower energy consumption;
3. 12V/24V vehicle-mounted and 110-240v household power supply [options] to make it possible to use in car, home and outdoors; 12V battery [options] to make it possible to use outdoor.
4. 3 minutes delay protection;
5. New refrigeration technology can make the lowest temperature reach -11°F(the refrigeration scheme needs to be customized);
6. Intelligent control system with memory function;
7. Special intelligent protection system to protect your car battery.
8. A wide range of -11°F~50°F electronic temperature control;
9. Unique positive and negative protection, no effect to the compressor quality if wrong positive and negative terminals.



USING NOTES

1. The installation of DC power supply on the ship must be operated by a professional electrician.
2. Make sure that the supply voltage is connected correctly. The terminals of battery power supply must be correct outdoors.
3. Do not use electrical products inside the refrigerator container.
4. Please keep upright and wait for more than 6 hours before using.
5. Keep the refrigerator in horizontal. The incline angle should be less than 5° if for long-term operation, and the angle should be less than 45° for short-term operation.
6. Make the surrounding of refrigerator in good ventilation to facilitate heat dissipation.
Back of refrigerator $\geq 7.87''$
Refrigerator side $\geq 3.9''$
7. Keep away heat and avoid direct sunlight.
8. Stable placement: the refrigerator should be placed on the ground or in the car.
9. Do not put the refrigerator down to pour water, dry it after rain. Never soak the refrigerator with water.
10. For the car refrigerator with pull rod, moving with electric power is prohibited. It is not allowed to be used on rough road surface. It must be left standing for 3 hours before use.

PORTABLE CAR REFRIGERATOR OPERATION

1. Power supply and electricity for DC 12V on the vehicle [FIG. 1, vehicle-mounted connection] and for AC 100-240v [figure 2, power adapter, optional, to be purchased separately];

FIG. 1

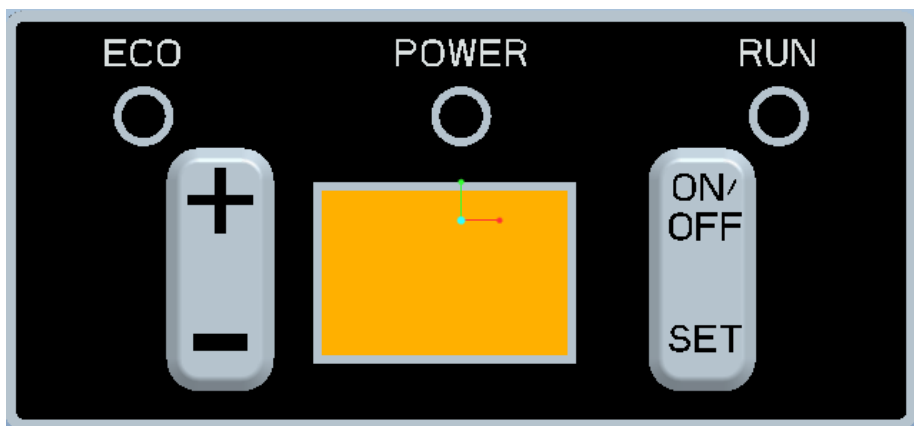


FIG. 2



*** Note:** the plug (figure 1) is the standard accessory of this product. The rest are optional accessories, which need to be purchased separately.

2. Diagram of computer control board of car refrigerator:



3. Operation:

If connected to the power supply, press the "ON/OFF" button, and the temperature inside the refrigerator will be displayed and the refrigeration operation mode will be started after a delay. Note: pressing ON/OFF for 3 seconds, it will turn ON to turn OFF.

After starting up, the temperature range can be set directly from -11°F to 50°F. The setting temperature can be adjusted by pressing the "+" and "-" keys or pressing the "+" and "-" keys for a long time.

-- long press SET (setting key) for 3 seconds to enter the advanced parameter mode:

(1) the first is the voltage protection mode:

This machine has three levels of battery protection function, which not only guarantees the normal operation of the refrigerator, but also protects the battery of the vehicle. It can achieve by short press "+" or "-" key to alter from H3 (high), H2 (middle) and H1 (low). The factory set is H2 (middle) protection.

It is recommended to set the H3 (high) if used for the car battery.

Set H2 (middle) or H1 (low) for external batteries or backup batteries.

Due to the voltage difference between different vehicles' power output, the battery gear can be reduced by one gear (Altering H3 to H2 or H1), if voltage protection occurs (the display screen shows F1).

If the refrigerator is still running after the car engine turned off, the protection should be altered to H3 (high), otherwise it may consume too much energy to start the vehicle.

The voltage parameters of high, middle and low levels are as follows:

H3 (high) : 10.9v (stop)-- 12.2v (start voltage)

23.8v (stop) -- 25.2v (start voltage)

H2 (middle) : 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 SET button for ECO or HH mode:

You can make short press "+" or "-" to alter ECO (energy-saving mode) to HH (rapid cooling mode). Factory set is HH.

(3) Short press SET to convert Celsius degrees to

Fahrenheit: short press "+" to adjust.

(4) No direction for 10 seconds, it will automatically exit the advanced parameter mode.

-- ECO or HH mode

ECO: 2000 turn **HH:** 3000 turn

TEMPERATURE CALIBRATION

When turned on, press the "-" button for 5 seconds to enter the temperature calibration mode, which can be adjusted to -11°F ~ 50°F .

-- Meaning of Indicator Light:

POWER indicator: light on—it means good connection to DC power;

The light is not on -- it means the DC power is not connected;

ECO indicator: light on—it means it is ECO mode;

RUN indicator: light on—it means compressor is working -- fault (if there is a fault, the buzzer will "drip" continuously, and the digital tube will display the fault code)

The fault alarm can only be appeared after starting the machine. The fault light is (blue). The fault code is:

F1: voltage failure

F2: fan current fault

F3: compressor startup failure

F4: compressor minimum speed failure

F5: controller temperature failure

E1: sensor failure

Frequently Asked Questions

The refrigerator doesn't work

- check whether there is a fault in the power supply;
- check whether the power plug is in good contact;
- whether the fuse is blown;
- check whether the power switch on the operation board is turned on;
- start up the compressor for 3 minutes and the compressor is in delay start protection.
- heard sounds like running water in the refrigerator
- this is the flow sound of refrigerant, which is a normal phenomenon
- if the system is abnormal, please judge whether the battery voltage is normal. If it is normal, wait for 3 minutes before starting up. If it occurs again, please contact the after-sales staff.
- Common temperature settings
- wine storage (50°F), vaccine, insulin (36°F ~ -46°F), fruit (39°F ~ 43°F), beverage (36°F ~ 41°F), meat(14°F), ice cream (5°F); Pay attention to the medicine storage;

SPECIFICATION

Model		AX10007US-GR	
Volume		65L	
Climate class		T/ST/N/SN	
Safety class		III	
DC	Voltage	12V	24V
	Rated currency	4.7A	3.1A
	Rated power	56W	74W
AC	Voltage	115V/60Hz	
	Rated currency	1.7A	
	Rated power	120W	
Refrigerant		R134a/70g	