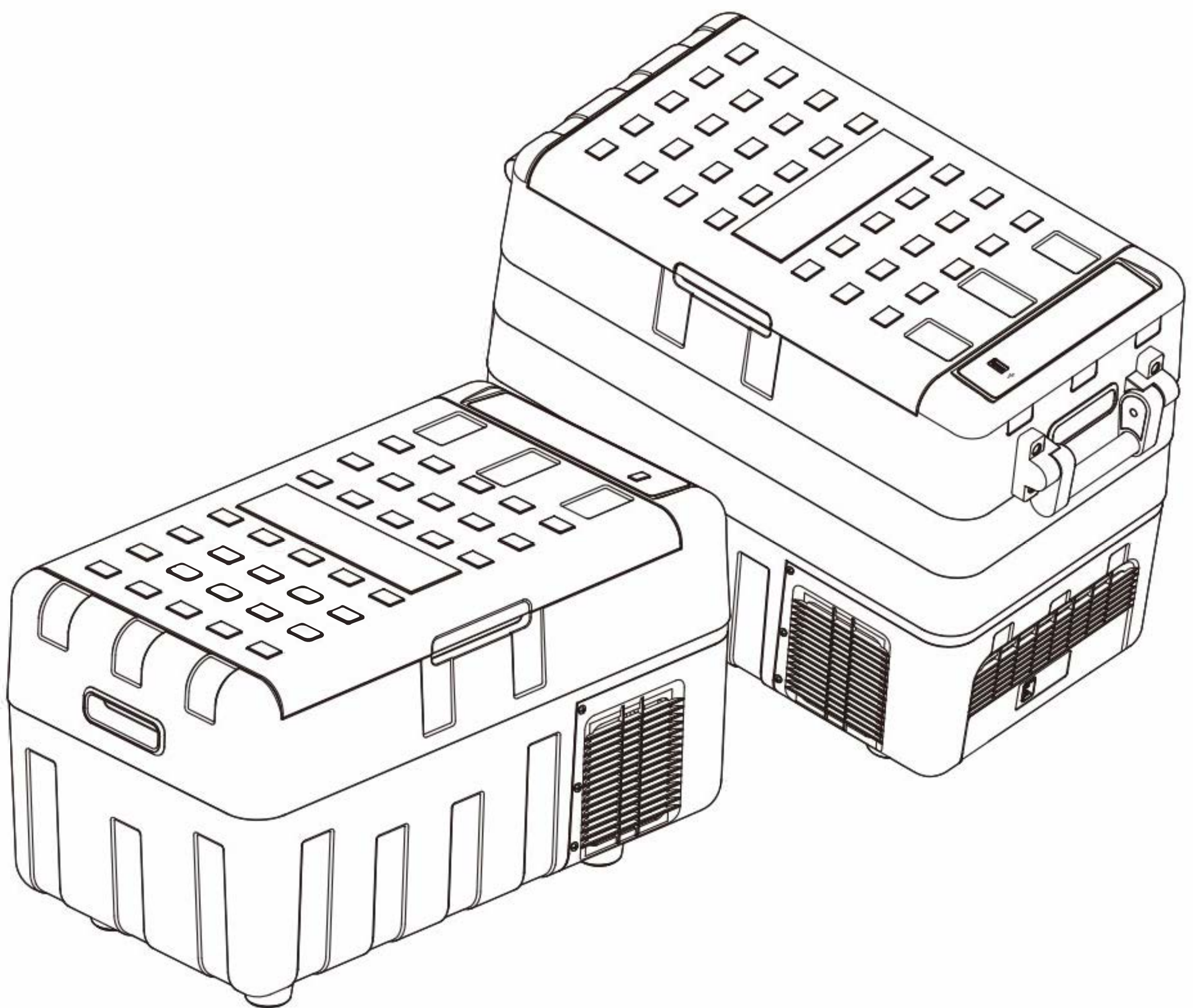




# User Manual



## CAR REFRIGERATOR WITH COMPRESSOR

To create a cool trip for worldwide car lovers



## This product can be used:

Not only in trucks, vans, RVs, cars, etc.

But also in hotels, motels and residential environments.

### Warranty Certificate

- Please read this manual and the warranty certificate carefully and read the safety precautions carefully before use.
- If there are any problems or questions about this product, please contact our customer service center: [service@kohree.com](mailto:service@kohree.com). We will reply you within 24 hours. Thank you for purchasing KOHREE Car Refrigerator.
- The appearance, color and pattern of the refrigerator are subject to the actual product.

## Product Description

### Main Features:

#### ❄️ Quick cooling function

Temperature range from -4°F~50°F (-20°C~10°C), fast cooling and keeping food fresh, can be used in cars or homes.

#### ❄️ Separate dual area design

The fridge with large capacity could hold a great amount of drinks, with 2 areas of refrigeration compartment and freezing compartment so that different items can be placed in different areas.

#### ❄️ Removable compartment basket

Portable fridge with removable compartment basket to separate different stuff, will keep the food and drinks in perfect condition.

#### ❄️ LED touch screen control

The portable fridge comes with an intelligent LED panel and it control every degree of temperature precisely.

#### ❄️ Low energy consumption

ECO energy-saving mode and MAX mode could be chosen under different circumstances. The built-in ECO electronic control module will automatically disconnect the power supply before it runs out, without affecting the normal ignition of the car.

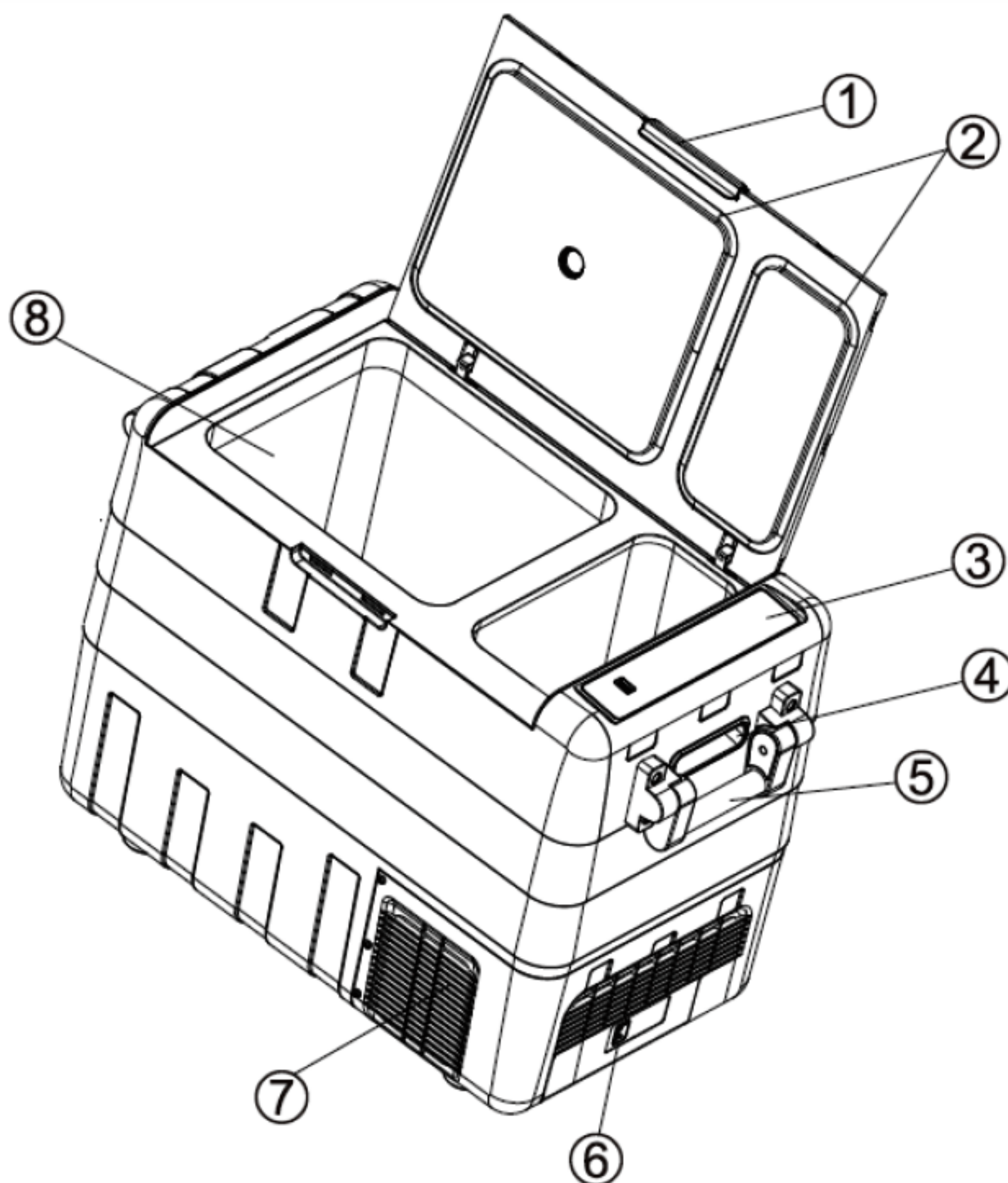
#### ❄️ Occupy little space and keeps quiet when running

The car fridge cooler with an anti-slip mat can stay stable and keep silent even on the steep road.



## Parts schematic:

- ① Latch
- ② Rubber Seal Strip
- ③ Digital Touch Screen  
Control Panel
- ④ Fixed Handle
- ⑤ Folding Handle (optional)
- ⑥ Power Interface
- ⑦ Compressor Cooling Holes
- ⑧ Inner Chamber



## Usage Notice

### Safety Attention

1. Ensure proper connecting of voltage for the refrigerator at any time.  
(Parameter label shows the approved voltage for car refrigerator).
2. Do not directly pour any liquid into the car refrigerator.
3. It is forbidden to modify the refrigerators privately, in case of dangers.
4. Refrigerators should not be exposed to the rain.

### Preparation for use

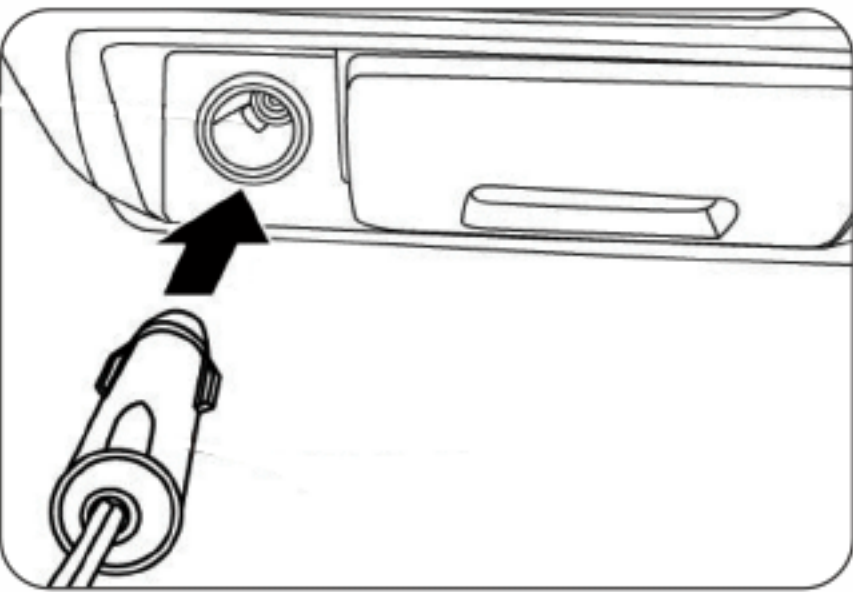
Before using the refrigerator, please read this manual carefully and keep it properly

1. Before the first use of refrigerator, you should clean it inside and outside with a damp cloth.
2. Do not fill the refrigerator with corrosive liquids. Do not directly pour liquids into the refrigerator.
3. When the refrigerator is not use for a long time, please disconnect the power supply and keep it dry.
4. Please clean the inner chamber regularly to prevent odor bacteria and ensure food safety.

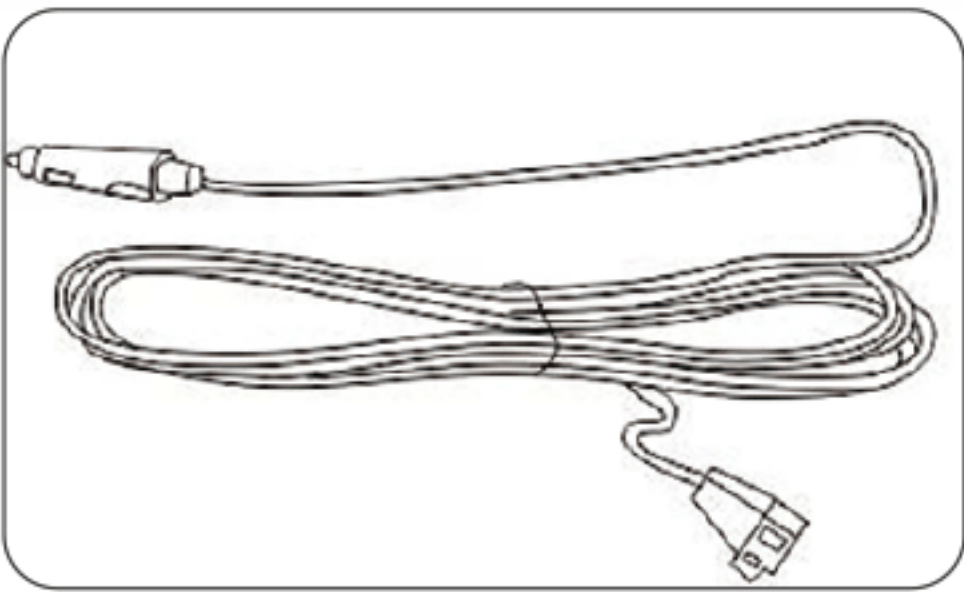


Connect the power supply

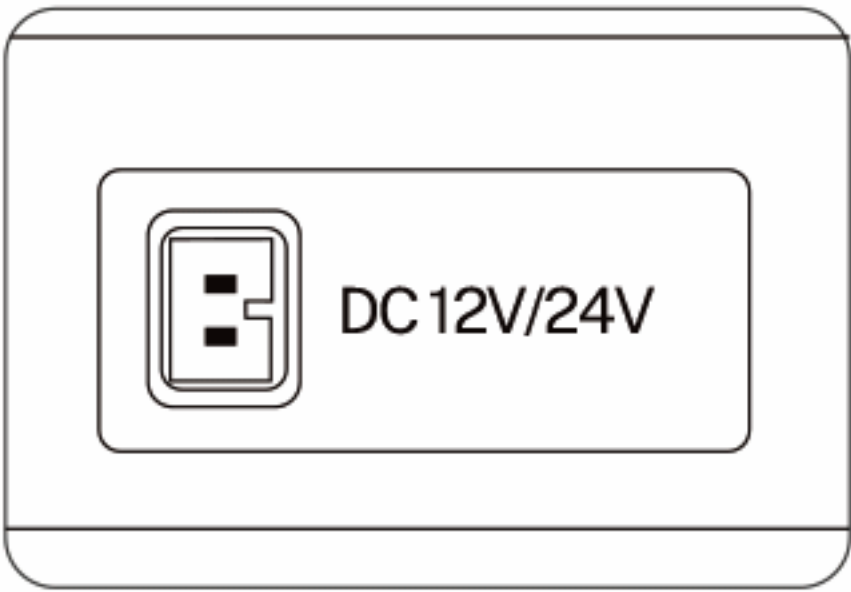
1. Find the DC power cord in the kit. Connect DC plug to the power outlet of the car refrigerator.
2. Well place the refrigerators in the car (back-up, seats...).
3. Lay out power cords as per the interior space of your car. Insert the cigarette lighter plug (one side of the power cord) into the car cigarette lighter hole.
4. Press and hold the "ON /OFF" for 3 seconds to start the refrigerator.



Connect the car cigarette lighter



DC power cord



Connect the car refrigerator (Standar model)

- The refrigerator can be connected to more than one source of energy.
- The refrigerator can be directly connected to the 12V/24V DC power supply.
- The refrigerator can be used at home (household voltage should be 100-240V) with a 100-240 AC adapter.

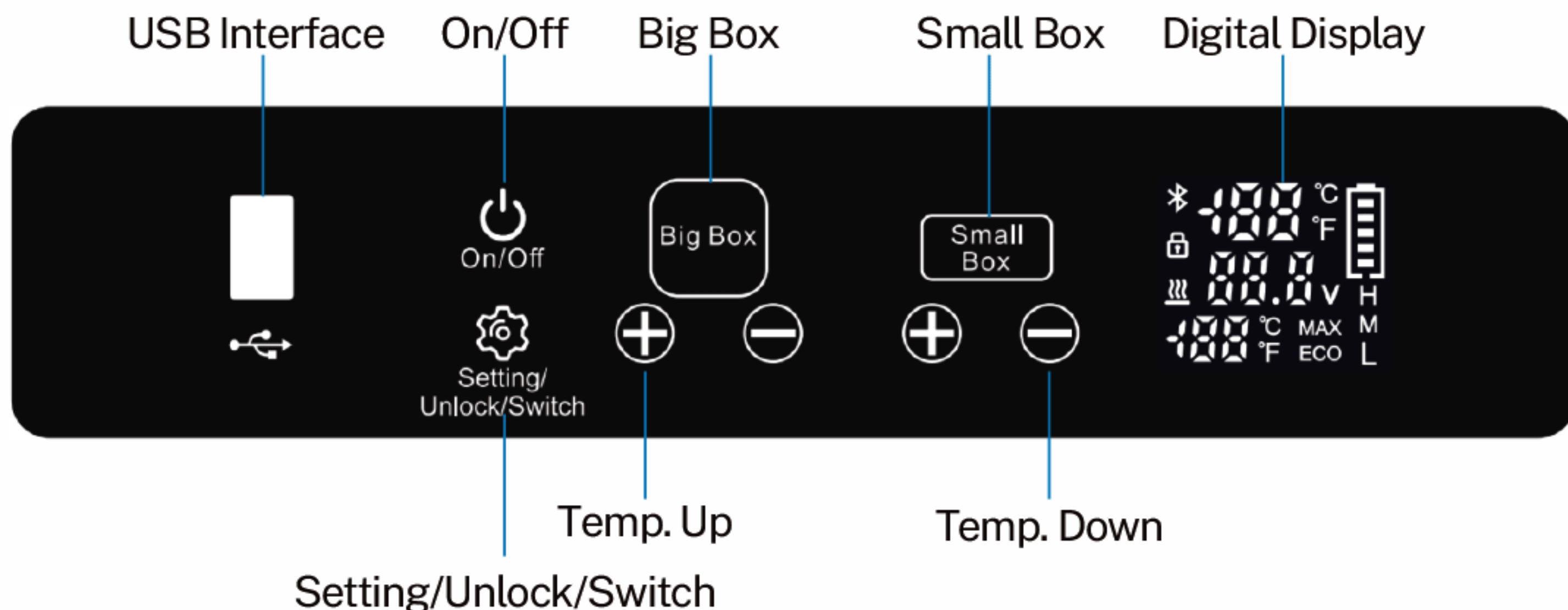
Car Refrigerator Operation

Car Battery Protection Voltage For Reference  
Built-in ECO electronic control module can automatically monitor car battery voltage. Refrigerator will be automatically cut off when the power is excessively consumed, ensuring that the car battery will not be consumed too much and affect the normal ignition of the car.

Voltage	High Level set to be factory default (Voltage Protection)		
	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



# Operation Instruction



**Big Box: -20°C~+10°C**

**Small Box: -20°C~+10°C**

## Operation Method

### ❄️ Turn On/Off

After the refrigerator is powered on, press [On/Off] key for 3s to turn on the refrigerator.

### ❄️ Temperature Setting

- ① When the refrigerator is powered on, press [+] or [-] key of the big box or [+] or [-] key of the small box to adjust corresponding temperature
- ② If no operations were detected, temperature display will flash for 3s, then exit and save the current setting (temperature). Meanwhile, it shows the actual temperature inside the box.
- ③ Concurrently press [On/Off] & [+] keys of big/small box for 3s to turn on/off the control of the big/small box

### ❄️ Celsius (°C) / Fahrenheit (°F) Conversion

Concurrently Press [Setting] & [+] keys of the big box for 3s to switch Celsius (°C) and Fahrenheit (°F) display

### ❄️ MAX / ECO Mode Conversion .

- ① When the refrigerator is powered on, press [Setting] key to enter the MAX/ECO mode, press [Setting] key again to switch MAX/ECO mode.
- ② If no operations were detected, the set mode will flash for 3s, then exit and save the current setting.



### ❄ **Battery Protection Setting: H (High)>L (Low) >M (Medium) Level**

- ① When the refrigerator is powered on, press [Setting] key for 3s to enter the battery protection setting. Press [Setting] key again to switch H>L>M levels in turns.
- ② If no operations were detected, the set level will flash for 3s, then exit and save the current setting.

### ❄ **Release the Locked Screen**

- ① If without any operations for 60s, the child lock function will be automatically activated.
- ② When the screen is locked, press [Setting] key for 3s to release it.

### **Power-off Memory Function**

There is a power-off memory function for the car refrigerators. When the power is lose, working state (On/Off status, working mode etc.) which before power-off can be automatically recovered at the next startup, no need to set it again.

ECO: Energy-saving cooling

MAX: Powerful cooling

## **Installation Instruction of Handle**



### **Step 1:**

Disassemble the screws (M6\*16) with hex key and save for use (8 pcs screws in total).





### **Step 2:**

Align one of the handle fixed seat to the mounting holes and tighten it with the disassembled screws.



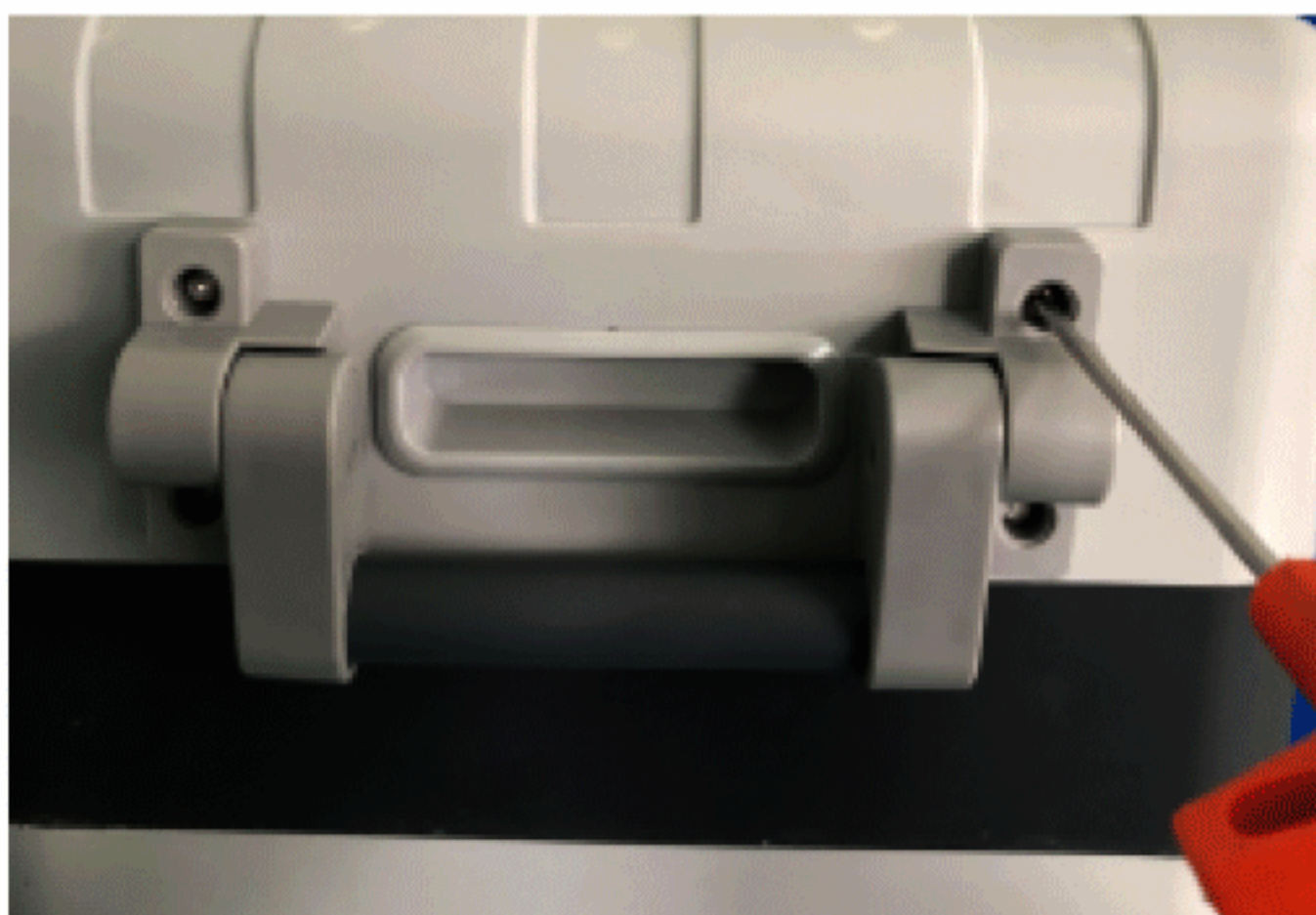
### **Step 3:**

Insert the handle tube to the installed fixed seat, pay attention to the direction of the groove and align it to the rib inside the hole of the fixed seat.



### **Step 4:**

Insert the handle tube to the other handle fixed seat and pay attention to the direction of the (tube) groove.



### **Step 5:**

Align the handle fixed seat to the mounting holes and tighten it with the disassembled screws.

※ Repeat above operations for the rest of handle installation.



# Troubles and Troubleshooting

Advice: If there is any abnormal situations that cannot be resolved through simple fault analysis, please contact professional customer service for assistance.

## Car Refrigerator Does Not Work

1. Check if the power is connected properly.  
(Check if the plug is loosened or positive and negative poles are reversed).
2. Check if the power switch on the operation panel is turned on.
3. Check if the cooling ventilation is normal.
4. Check if the fuse is blown.

## Poor Cooling Performance

1. Check if the lid is closed properly.
2. Check if the door seal is damaged or deformed.
3. Check if there is poor ventilation around the fridges.
4. Check if the temperature is set properly.

## Abnormal noise

1. Refrigerator is not put on a flat level surface.
2. Check for vibrations in surrounding objects.
3. Parts in the refrigerator get loose or fall off.

It is normal that there slightly will be some condensation on the refrigerator surface when air humidity is more than 75%.

The definition of the error code on the display

Error Code	Error Type
<b>E1</b>	Low Input Voltage
<b>E2</b>	Fan Fault
<b>E3</b>	Input Voltage Fault due to compressor start frequently
<b>E4</b>	Low Rotational Speed of Compressor
<b>E5</b>	Overheating of Controller Chip
<b>E6</b>	Open or Short Circuit of NTC



# Failures and Solutions

## **E1: Low Input Voltage**

Failure 1: Insert refrigerator power cord into cigarette lighter before the car starts.

Solution: Wait for a while to connect the car after it started.

Failure 2: Input voltage of the adapter is too low.

Solution: Adjust the battery protection to middle level or low level. If it doesn't work, please replace a new adapter.

## **E2: Fan Fault**

Please replace a new fan when identify there is a fan malfunction.

## **E3: Input Voltage Fault due to compressor frequently start**

When the refrigerator is used in car and E3 appears,

- ① Please shut down for 5 minutes and reboot it.
- ② If it doesn't work, that will be identified to be E1 fault, please solve it according to the solution of E1.

When the refrigerator is connecting with adapter and E3 appears,

- ① please adjust battery protection level to the middle level or low level.
- ② If it doesn't work, please replace a new adapter.

## **E4: Low Rotational Speed of Compressor**

Please adjust input voltage and repower it.

## **E5: Overheating of Controller Chip**

Please power off for 5 minutes and check if the overheating is caused by the bad ventilation around compressor.



## Operation Suggestion



With an additional battery, you can hold any temperature you set in any situations without worries.



When storing ice cream in refrigerator, please set to the lowest temperature and keep power on constantly.



Prevent healthy problems from bottled water deterioration caused by the high temperature.



Keep fresh for the frozen food and luxurious seafood during the long travelling.



Freshness of tealeaves is effectively preserved by car refrigerator, you can enjoy the fresh and delicious tea any time during the self-driving travelling.



Ideal storage temperature for red wine is 50°F-64.4°F (10°C~18°C), the precise temperature control of car refrigerator guarantees the storage temperature for it.



Fruits cannot be kept in hot car for more than 2 hours, even it is in the air conditioning. But car refrigerator is able to effectively keep the fruit fresh for a long time.



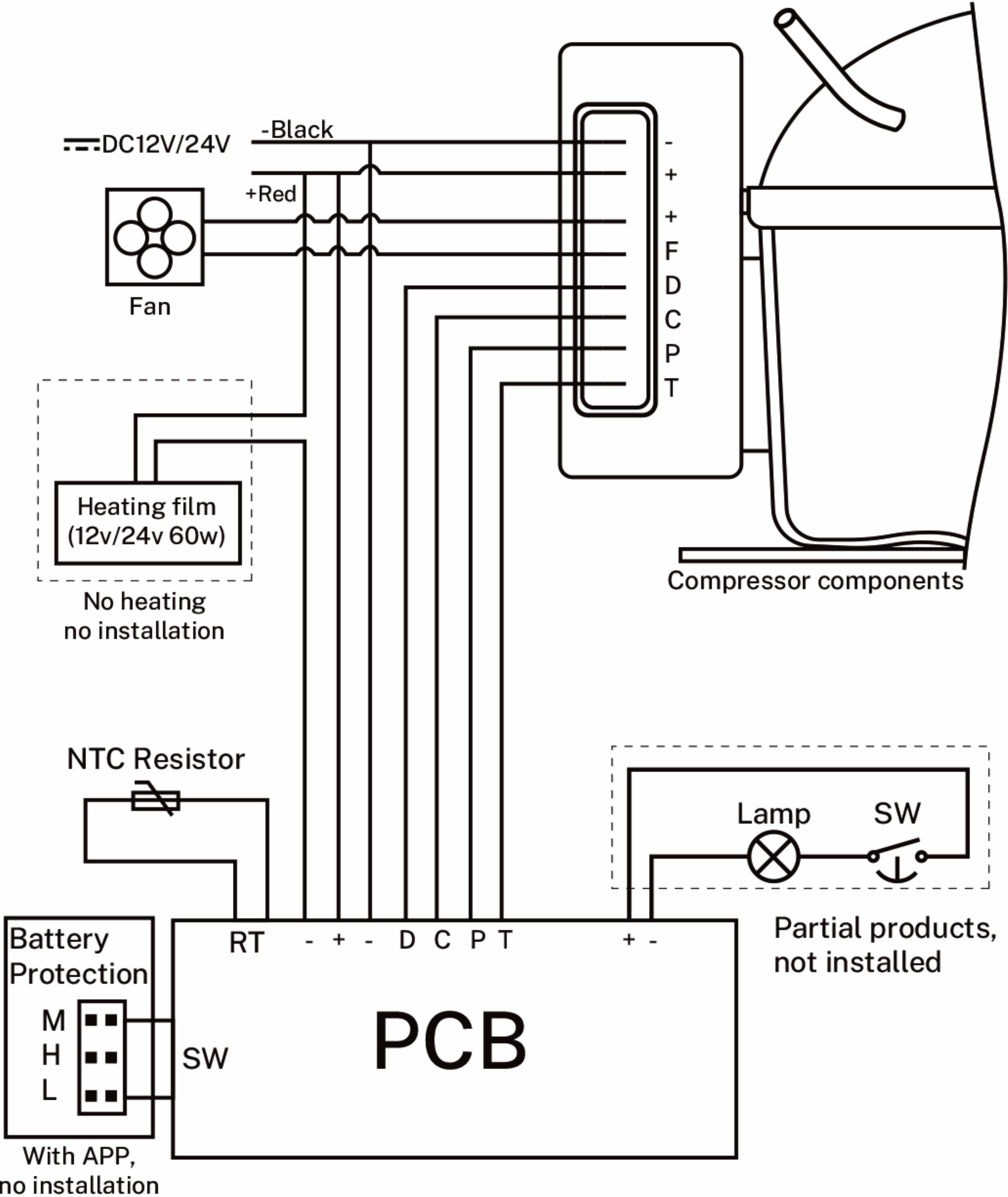
Coating of sunglasses will drop off at the high temperature, car refrigerator is the best ideal place to put away.



Cosmetic is easy to go bad at high temperature, so the best choice to store outside is with a car refrigerator.



# Car Refrigerator Electrical Schematic





## After-Sales Service: Guarantee information

❄ DEFECTS CAN BE RETURNED WITHIN 30 DAYS.

❄ 3-YEAR COMPRESSOR WARRANTY.

❄ THE WARRANTY SHALL NOT APPLY:

1. To any product subjected to misuse, alteration, act of God, improper handling, improper transport, improper testing or unauthorized repair;
2. To cosmetic problems or defects which result from normal wear and tear under ordinary use yet not affecting the performance or use of the product;
3. If the product is disassembled or altered;
4. To any packing, transportation, export / import tax or any related expenses.

**Customer service center: [service@kohree.com](mailto:service@kohree.com)**

## \*How to contact us on Amazon

1. Go to your order history and click the "Question" button for that order.
2. On the product detail page of Amazon.com, click the seller's name displayed under inventory status. Click the question button.