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CAR REFRIGERATOR

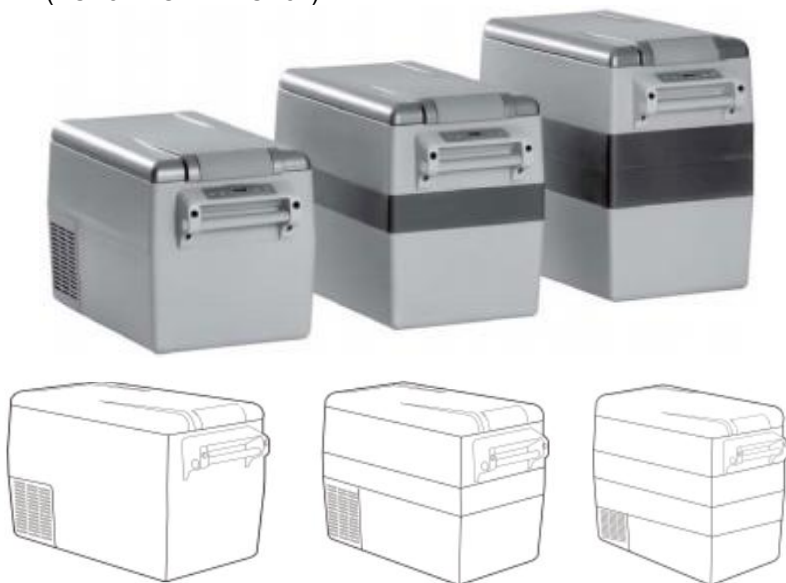
MODEL:BCD32 BCD42 BCD52

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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MODEL: (BCD32 BCD42 BCD52)





NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

	Error Code	Problems	Solution Method
Symbol	Er0	Temperature sensor cutting out	Change the temperature sensor line
	Er1	Battery protection cutting out	1.Change/charge the battery 2. Lower battery protection switch to lower setting
	Er2	Fan overload cutting out	clean fan or change the fan
	Er3	Motor start error(the rotor is blocked or the differential pressure in refrigeration system is too high)	Disconnect power for30 minutes then re-start
	Er4	compressor speed error protection .	Reduce load on refrigeration system increase temperature setting.change the main controller
	Er5	Thermal cut-out (Overload or internal temp too high)	Move refrigerator to a well ventilated place, allow compressor to cool. then re-start . Ensure all vents and internals are clean. Clean with compressor air
	Er9	Temperature sensor disconnection	1.Tighten the temperature sensor line 2.Change the temperature sensor line
	Warning: To reduce the risk of injury, the user must read the instructions manual carefully.		
	This symbol, placed before a safety comment , indicates a kind of precaution, warning, or danger. Ignoring this warning may lead to an accident . To reduce the risk of injury, fire, or electrocution, please always follow the recommendation shown below.		



CORRECT DISPOSAL:

This product is subject to the provision of European Directive 2012/ 19/ EC. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union . This applies to the product and all accessories marked with this symbol.

Products marked as such may not be discarded with normal domestic waste , but must be taken to a collection point for recycling electrical and electronic devices .

FCC INFORMATION

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This product may cause harmful interference .
- 2)This product must accept any interference received , including interference that may cause undesired operation .

WARNING: Changes or modifications to this product not expressly approved by the party. responsible for compliance could void the user's authority to operate the product .

Note: This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules , These limits are designed to provide reasonable protection against harmful interference in a residential installation .

This product generates , uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions , may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception ,which can be determined by turning the product off and on , the user is encouraged to try to correct the interference by one or more of the following measures .

- Reorient or relocate the receiving antenna .
- Increase the distance between the product and receiver.

- Connect the product to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

Key Product Features

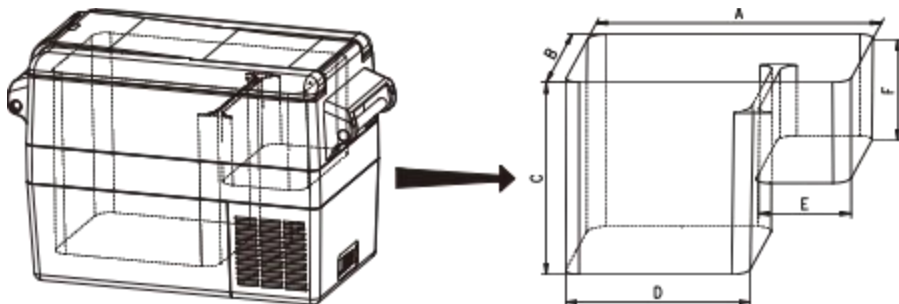
- High efficiency and energy saving DC compressor, high reliability, long service life , fast refrigeration speed , can be used for refrigeration and deep freezing;
- Adopt fluorine-free environmental insulation layer,high efficiency, low energy consumption .
- The outer box is made of high-quality plastic parts , and the appearance is beautiful;

Notes For Using

- Warning: Do not use your refrigerator if any cabling is damaged , frayed or there is exposed wiring.
 - Warning: Do not attempt to touch the power plug or continue to operate your refrigerator if it is wet or your hands wet .
 - ▲ When using the refrigerator in the vehicle or boat, please be sure that the electricity has a fuse if using mains power.
 - ▲ Good Ventilation: Your refrigerator requires good ventilation around it , space on the back of the refrigerator at least $\geq 200\text{mm}$, side of the refrigerator $\geq 100\text{mm}$ ▲ Avoid the heat: The refrigerator should be placed in the area where with good ventilation , kept away from heat and avoid direct sunlight.
 - ▲ Stable placement: The location of the refrigerator should be flat and sturdy, when placed it in the car, please use a strap to tighten the cabinet and make sure the refrigerator fixed.
 - The installation of the DC power source in the boat should be handled by a qualified & professional person .
 - Please make sure the power should be off when charging with a high-speed battery.
 - Make sure the voltage connection is right at all times , at the bottom of the products , the approved voltage parameters should be marked on the label .
 - Don't place any electrical devices inside the refrigerator.
- Avoid Moisture: The refrigerator should avoid the moisture in case of rusting;

Do not rinse with water in case of insulation failure and electrical leakage failure .

Interior Dimension

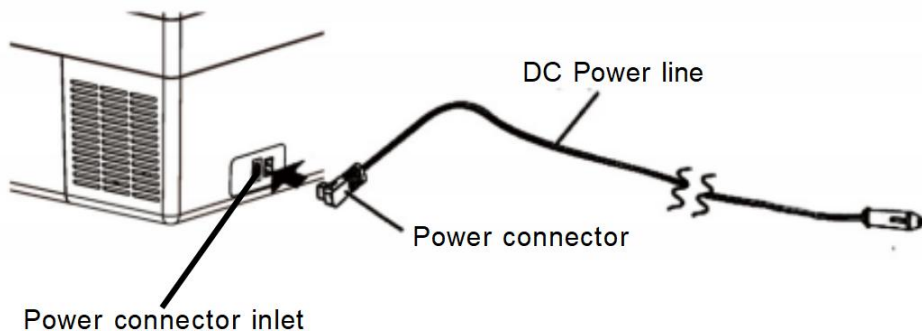


Serial number MODEL	A/ mm	B/ mm	C/ mm	D/ mm	E/ mm	F/ mm
BCD32	503	261	294	327	165	125
BCD42	503	261	364	327	165	195
BCD52	503	261	434	327	165	265

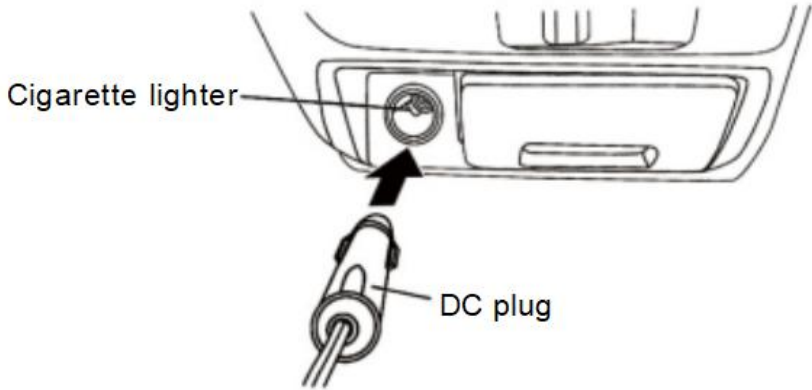
Functione Description&Operation Method

Using of DC12V/24V

Plug the DC power connector into the inlet of the refrigerator

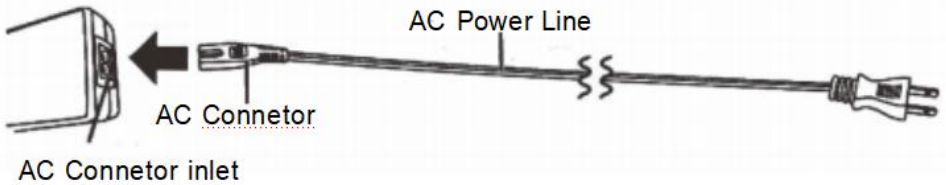


Insert the DC Plug into the cigarette lighter

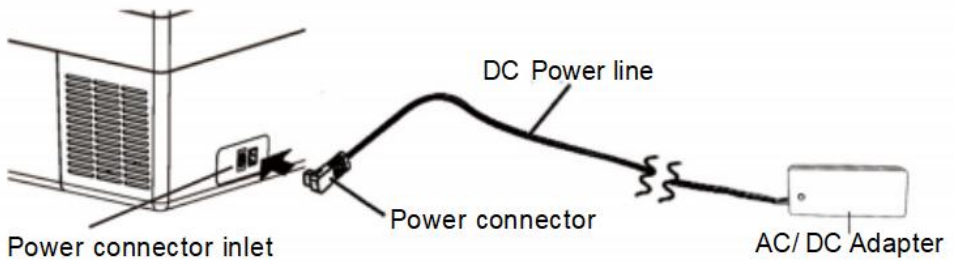


Using of AC100 -240V,50/60Hz

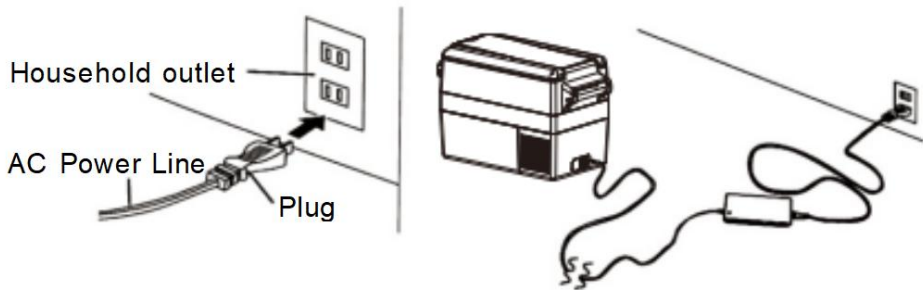
AC connector plugin AC power line insert AC connector inlet



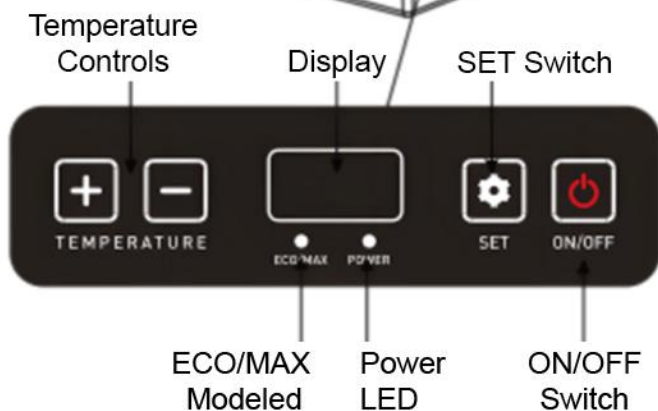
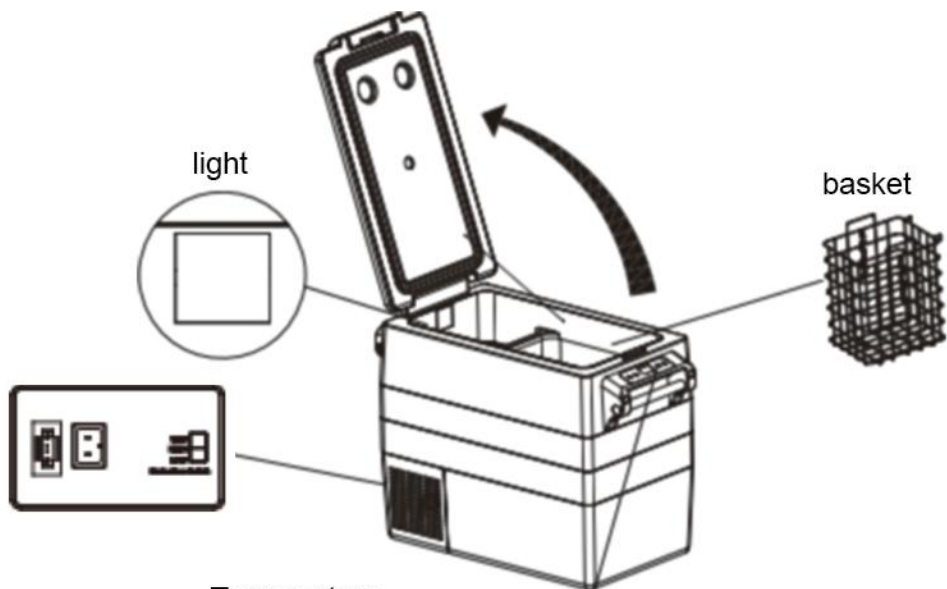
Plug the power connector on the adapter into the inlet of the refrigerator



Plug the AC power line into the home outlet(AC 100-240V,50/60Hz)



Part Name



1) ON/OFF

Press **Ⓜ** for 5 seconds, car fridge will enter the standby mode.

Note: After shutting down the car fridge and restarting, there are 3 minutes delay for the compressor to start to work.

2) Temperature Set

Press the **Δ** / **∇** to flash to display the control temperature, and then press the **Δ** / **∇** to change the value and memorize; if you do not press any key, the

temperature in the box will be restored after 5 seconds.

Note: The cabinet temperature in the fridge > the setting temperature(+3°C), and compressor turned on. When the cabinet temperature in the fridge =the setting temperature, compressor stops working.

3) Parameter Functions

°C: Celsius degree

°F: Fahrenheit degree

ECO: Energy saving mode

HH: Fast cooling mode

Press the SET button enter the setting state, at the same time flash F, then Press the SET button to change the parameter selection, and display in order F,C,ECO,HH.

4) Different Light Indicators

After the car fridge is turned on, the POWER indicator is red; when 3 minutes

later, the POWER indicator will turn green, which means the compressor starts

working. When press SET button to ECO mode, the ECO/ MAX indicator is green, when press SET button to HH(MAX) mode, the ECO/ MAX indicator is red.

Note: Factory default is MAX mode.

5) Battery Protection Function

Selecting the Low, Med, High position of the switch(next to the DC power socket), you can choose different levels for battery protection. In the

below sheet you can find the voltages when the compressor stops running(cut-out)and when the compressor restarts.

Battery protection	12V cut out	12V cut in	24V cut out	24V cut in
LOW	10.2±0.3V	11.2±0.3V	21.6±0.3V	23.0±0.3V
MED	10.7±0.3V	11.7±0.3V	22.6±0.3V	24.0±0.3V
High	11.7±0.3V	12.7±0.3V	24.6±0.3V	26.0±0.3V

Note:The voltage as above form refers input voltage of the compressor, not battery output voltage .

All of our car fridges are designed with DC12V/24V, can be used on AC100-240V with AC adapter.

6) Power Memory Function

After restart ,the temperature set will be the same with the one you set before power off .

Different Error Situation & How To Fix

1) Error Situation

- The refrigerator does not work
 - Check if the power supply is connected correctly (whether the plug is loose , whether the positive and negative poles are connected incorrectly)
 - Check if the ventilation conditions are normal .
 - Check if the fuse is blown
 - Check if the power switch on the control panel is turned on .

- Abnormal noise in the refrigerator
 - The car refrigerator is not placed evenly
 - Hit the wall or other items
 - internal parts loose or fall off

- Condensation on the surface of the refrigerator

— When the ambient humidity is >75% , the surface of the cabinet may be slightly condensed. The higher the humidity, the greater the probability of occurrence will be , which is normal .

- Refrigerator cooling is not good

- The food storage is too large, placed crowded , cold air flow is not smooth — The door is not closed

- The door sealing strip is damaged or deformed , and the sealing property is deteriorated ;

- Poor ventilation in the car

- Put too much hot food

- Improper working mode of the refrigerator

- Sunlight or near heat source

- improper temperature setting

- Similar to the sound of running water in the refrigerator

- This is the flow sound of the refrigerant , which is normal .

- There will be a loud sound when the compressor starts up

- When the compressor starts, the sound will be slightly larger, and the sound will decrease after the speed is stable, which is normal.

Cleaning & Maintenance

• Cleaning method:

Clean the appliance inside and out with a clean damp cloth every two weeks . If it is dirty, wipe it with a neutral detergent and then wipe it dry with a damp cloth. If there is too much water, you can use the drainage pipe at the bottom of the tank to drain .

It is forbidden to wash the refrigerator directly with water in order to avoid the decrease of electrical insulation and the rust of sheet metal .

The following things will damage the coated surface, plastic parts , such as alkaline detergent , soap, grinding powder, hot water,brushes, toluene water, gasoline, alcohol .

• Maintenance of plastic parts:

To properly protect the seals , clean the plastic parts frequently and try to avoid heavy impact during use. If oil(Animal or vegetable oil) is attached plastic parts for a long time ,the plastic will easily deteriorate and crack and smells bad.

Do not store products inside the refrigerator if the unit is not on .

Technical Parameters:

MODEL	BCD32	BCD42	BCD52
CAPACITY	32L	42L	52L
CLIMATIC CATEGORY	T,ST,N,SN		
PROTECTIVE CLASSIFICATION OF ELECTRIC SHOCK RESISTANCE	Ⅲ		
RATED VOLTAGE DC (V)	DC12V/24V		
ADAPTER INPUT	AC100-240V , 50/60Hz , 2.5A		
ADAPTER OUTPUT	DC14.5V 6A		
DC FUSE (A)	15A		
TOTAL INPUT POWER(W)	55W		
RATED CURRENT FOR DC (A)	4.6A/2.3A		
REFRIGERANT (g)	32g	42g	
FOAM VESICANT	C5H10/C-Pentane		
TEMPERATURE ADJUSTMENT RANGE	-20°C to 10°C		

Due to product improvements and technical updates, the parameters are subject to change without notice, detailed information is in accordance with the final product.

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