

Compressor freezer

Technical Data

BR70AC4

Application: 12V / 24V DC
Power input: Approx.40W
Capacity: 70 litres
Net Weight: 30kg
Cooling capacity:Max. -18°C at 30°C
ambient temperature
Insulation: 55mm Polyurethane foam
Dimension: 710 (L) X473 (D) X573 (H) mm

BR90AC4

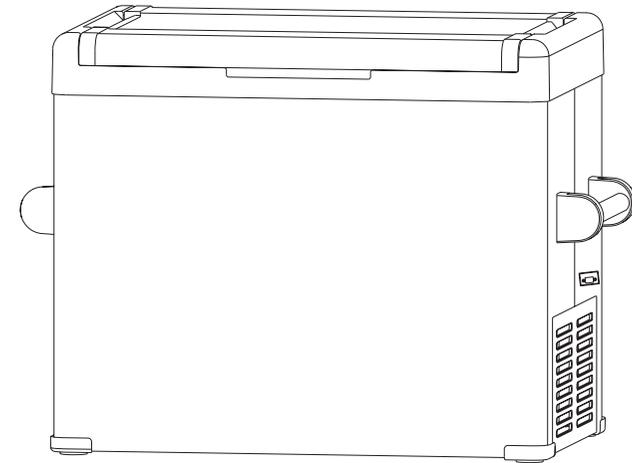
Application: 12V / 24V DC
Power input: Approx. 45W
Net Weight: 32kg
Cooling capacity:Max. -18°C at 30°C
ambient temperature
Insulation: 55mm Polyurethane foam
Dimension: 805 (L) X473 (D) X573 (H) mm

included items

SN	Name	QTY
1	Freezer	1
2	Power cord	1
3	AC/DC adaptor (optional)	1
4	User' s manual	1
5	Handle	2
6	Block of Handle	4
7	Screw (M5*15)	8
8	Basket	1
9	packing bag of accessories	1

Compressor freezer

User's Manual



Model: ● BR70AC4

● BR90AC4

Note: please read this manual carefully before use, and make sure to operate according to the instruction.

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- 3、When the refrigerator working, compressor & condenser will heat, these are normal phenomenon.
- 4、The compressor will not stop working for a long time when store too much food over heat !

Notice: When the freezer got problems please check first by this specification, if still can not be resolved please contact distributor or local service point, please do not disassemble.



Knowledge of using

- Keep appropriate gap between stored items is conducive to the circulation of cold air and heat exchange, the cooling performance will be better !
- Always cool the food or drink before storing them into the freezer.
- Power off five minutes later to re-boot or power on, otherwise it will influence the life of compressor, or even damage!
- Do not open the door more than necessary and longer to save energy!
- According to the needs of storage items to choose the appropriate temperature, unnecessary supercooled will cause power waste.



Cleaning and Maintenance

定期适当的清洁与保养可以延长冷柜的使用寿命，在清洁保养之前务必要拔下电源插头：

- Clean the freezer with a soft cloth moistened with lukewarm water. Never use solvents or abrasive cleaners, as this will damage the freezer. Do not use scourers or scrapers to clean your freezer.
- Use a soft dry cloth to completely dry the freezer after cleaning.
- If the refrigerator is to be long-term disable should cut off the power and clean , open the door a few days in order to maintain internal dry.
- Pay attention that no water drops into the vents, as this maybe lead to damage to the electric components. 保养完毕后为保证安全进行下列检查：
 1. DC电源线插头在电源插座上是否完全插好。
 2. DC插头是否有异常发热现象。
 3. 电源线是否有裂迹或划伤。

Compressor freezer

1. Take the content out of the fridge.
2. If it is possible, the content should be stored in another fridge.
3. Cut off the power, open the fridge's door(or lid),keep it open until the ice and froste melt away.
4. Use clean cloth to wipe the frost water.

Note: Never use sharp tools for deicing so as not to damage evaporator.

Trouble shooting

在使用过程中如果发现问题，请先检查下列事项

1. No cooling function	If the voltage is normal?
	If the power cord connect well?
	If the adaptor connect well?
2. Cooling effect is bad	If the product exposed to the sunlight or very close to heat source?
	If the compressor or condenser covered with dust?
	If the content inside of the product too much or there is hot content inside?
3. Non-stop for a long time	If the door seal is not good enough?
	If there is too much frost inside?
	If the ambient temperature is too high. If too much hot things put inside of the product.
4. Big noise from the product	If the floor is even and stable? If the product install evenly.
	If the back of the fridge very close to the wall.
4. Error indication	Err0: malfunction of temperature sensor
	Err1: Over voltage or under voltage
	Err2: big current on cooling fan.
	Err3: bad heat dissipation and lock-rotor of compressor.

The following issues are not trouble

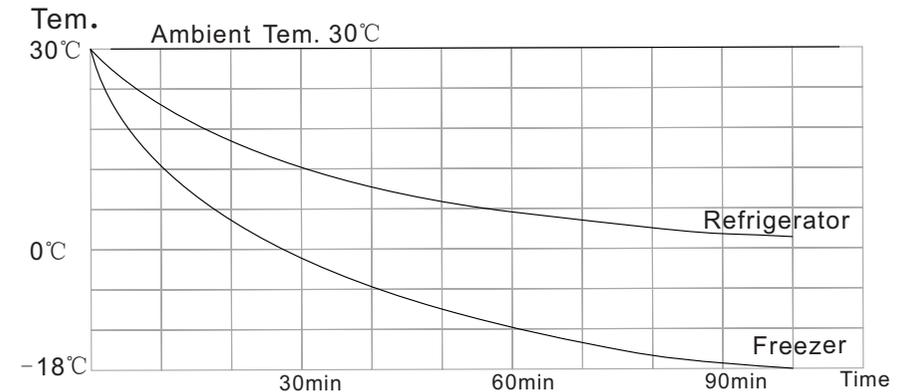
1. Sometimes there is frost on the surface of fridge caused by high ambient temperature or unfrequent door opening. Buyers can wipe the frost off.
2. There is sound of water flow or water boiling which is the sound of refrigerant flowing normally.

Compressor freezer

Feature

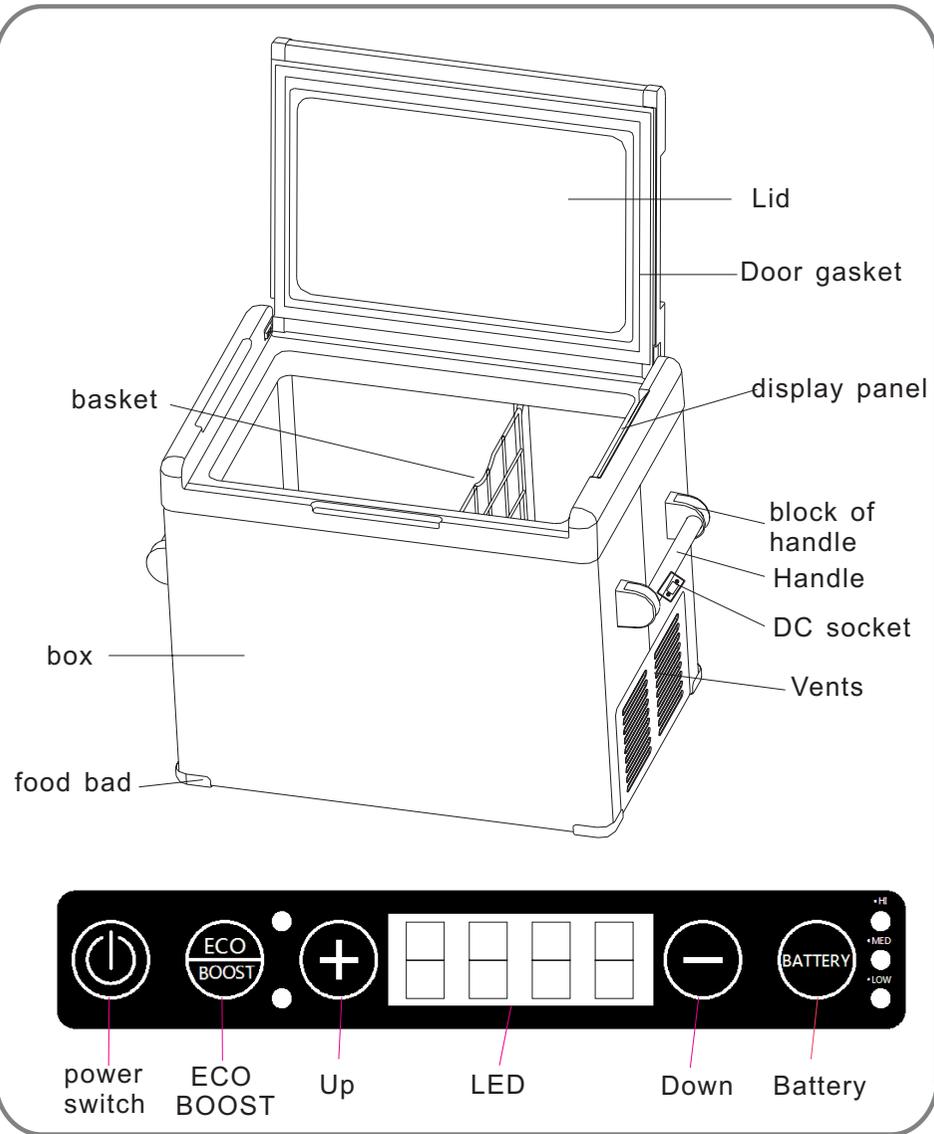
- 1.Latest high-performance DC compressor which is excellent cooling performance, lower noise and small vibration.
- 2.Single door chest freezer, divided basket inside.
- 3.CFC-Free, thick insulation, saving energy
- 4.Microcomputer precise temperature control and indicate the temperature accurately inside. Easy to operate with touch key.
- 5.Frequency conversion controlling method, Using different model base on different ambient temperatures.
- 6.Using in car, SUV, MPV, truck, boat and vehicle, also can be used in home through ac/dc adaptor.
- 7.Cooling Performance Graph

Perfect cooling performance



(the data for reference only)

Structure drawing



Operating Instructions

一、基本操作:

1. The fridge can be operated with 12V/24V DC. Connect the fridge with the DC power cord, and plug in the cigarette lighter socket of your vehicle (or the socket on adaptor) secondly.
2. Power switch: When you connect the fridge to power source, the fridge automatically power on. The LED readout panel indicates the cabinet temperature. Press the power switch for 3 seconds to power off it, there is no indication on LED panel. Press the power switch again for 3 seconds, then power on.
3. ECO/BOOST: power saving and quick freezing mode. Press this button to switch between the two modes.
4. + and - : Press + and - to adjust the temperature. Press + to adjust the temperature by +1°C, and press - to adjust the temperature by -1°C. The temperature range is from -20°C to +25°C, and from -4°F to +77°F. The set degree is flashing when you finish the setting, and the degree will be stored in 6 seconds. If + and - are pressed at the same time, the temperature readout switching between °C and °F.
5. Battery: this button used to set the switch-off voltage and switch-on voltage. There are High, Medium and Low voltage to be chosen, and the three degrees switch in cycle.

Switch-off voltage	High	Med	Low
12V operation	11.3V	10.8V	10.0V
24V operation	24.6V	23.6V	22.0V
Switch-on voltage	High	Med	Low
12V operation	12.5V	12.0V	11.3V
24V operation	26.0V	25.0V	23.4V

6. memory of temperature setting: the fridge with memory function although it is powered off. It has memory of set temperature, switch-off voltage, ECO/BOOST mode, °C/°F readout.

Note: It is recommended to store the contents after the cabinet temperature below 0.

二、Defrost

Water vapour may ice on the inner cabinet, this will reduce the fridge's refrigerating capacity. It is necessary to defrost in time. Please follow up the steps as below: