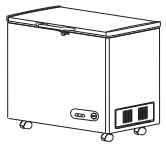
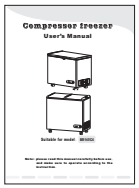
Included items



Compressor freezer

Power cord

AC/DC adapter
(Optional item)

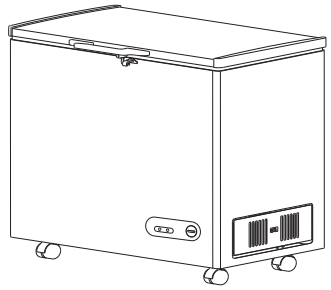


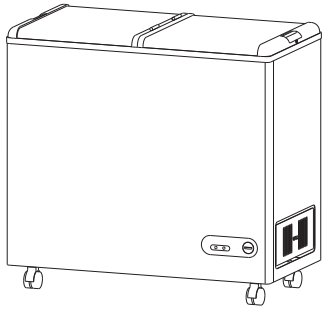
User's manual

Attention, important! All the datas in the manual may have any differ from the cooling device you bought, We will preserve right of final explanation.

DC CHEST FREEZER

User's Manual





Suitable for model:

- **BR138C4**
- **BR188C4**
- **BR238C4**
- **BR318C4**

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

Trouble Shooting

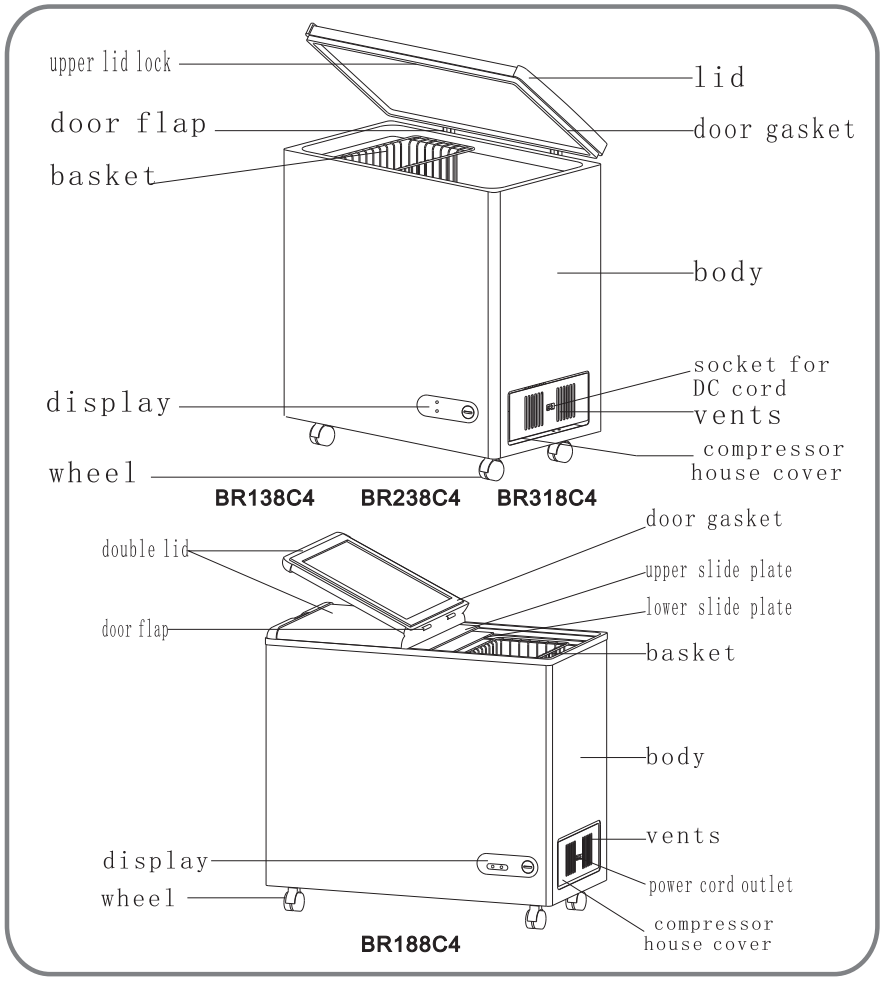
Problem	Cause	Solution
Cooling function does not work.	Loose contact between plug and unit socket.	Plug firmly into unit socket and cigarette lighter.
	Power voltage is out of range.	Check unit whether it's plugged into power supply of 12V or 24V, ensure that battery charge is not too low or too high.
	The temperature sensor is malfunctioning.	Contact a local repair center to replace a temperature sensor.
Cooling efficiency is bad.	The fan motor does not work.	Contact a local repair center to replace a fan motor.
	Unit is exposed to direct sunlight.	Place the unit in a shady, cool place with good airflow.
	Ventilator or propeller is blocked.	Clean the ventilator and the propeller , make sure the unit has good ventilation.
There is a strange noise or vibration during operation.	Unit is malfunctioning.	To prevent breakdown, turn the unit off immediately and unplug it from cigarette lighter. Contact a local repair center.
There is a burning smell or the case is deformed.	Unit is malfunctioning.	To prevent breakdown, turn the unit off immediately and unplug it from cigarette lighter. Contact a local repair center.

The following is not a problem

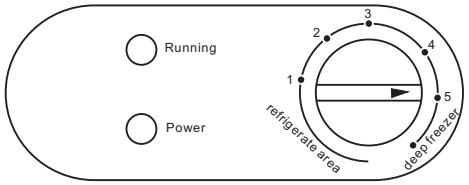
1.During rainy season, condensation frequently happens outside your freezer. Wipe to dry only with cloth.
2.Sound of running water that's caused by the following of refrigerant.

Please contact our technical service center when you still cannot solve the problems when you follow the above.

Structure drawing



Display drawing



The knob of temperature controller is for adjusting inside temperature, at the digits on the knob do not mean the degree of temperature.

The inside temperature gets lower as the digit goes from "refrigerate area" to "deep freezer"."refrigerate area" means above 0°C,between "1" and "deep freezer" means below 0°C.

The position "deep freezer" means the freezer works always and lower temeprature. Generally please turn the knob in position "3" if necessary to go lower temperature.

Please turn knob to adjust the temperature you require in use.

Safety Instructions

- Keep cooler upright while it is turned on and in use.
- Never switch the cooler on with wet hands or when your feet are in contact with water!
- Do not turn cooler on when vehicle engine is not turned on.
- Always ensure that the correct voltage and current is applied to the cooler. The voltage and current is clearly marked on the manufacturer's label which can be found underneath the cooler.
- Ensure power source can safely supply the required current
- Do not carry corrosives or solvent material in your cooler.
- Never obstruct vents as they supply necessary airflow to motor and fan.
- Do not fill cooler with liquid or ice.

Safety indications in the text are marked with this symbol: 

Installation

Please make sure that no parts are missing after unpacking the cooler.
Place the cooler on a dry surface where it is protected from water.
The cooler should not be used where it may be exposed to rain.
The cooler should be installed in a position that allows adequate ventilation.
Do not locate the cooler anywhere the room temperature is below 0℃

Operating Instructions

The cooler can be operated with 12 V/24V DC. Prior to connection, check whether the voltage indicated on the manufacturers label is in accordance with the battery voltage. Connect your cooler to cigarette lighter socket of your vehicle with the 12V/24V DC .

NOTE: The cooler can be operated between 10.9V and 16.8V DC or 22.9V and 30.7V DC . If the voltage is out of range, the cooler will not work.Over voltage could cause damage to the electronic components of the cooler .

Temperature Settings

The freezer can be operated with 12V/24V DC, prior to connection . check whether the voltage indicated on the manufacturer label is in accordance with the battery voltage.If the voltage is out of range, the refrigerator will not work, over voltage could cause damage to the electronic component of the freezer.

1. When using for the first time,after switching on keep the freezer running idly until it stops. which will last for about 2 hours, Now adjust the temperature control properly before putting foods inside.
2. Generally turn the knob of the temperature controller at the middle position that' s normal working temperature of your freezer . If necessary to make ice or freeze some food. Turn the knob at position of 3-5.If necessary to refrigerate some food ,Turn the knob at position of fridge.

Tip for energy saving

Place the cooler in a cool and dry place away from direct sunlight.
Always cool the food or drink before storing them into the cooler.
Do not set the temperature colder than you require.
Do not open the cooler more than necessary.
Do not leave the lid open longer than necessary.

Storage

When storing your cooler it is recommended that you leave the lid slightly open. This will prevent mould from forming, and will keep stale odours out of your cooler. It is recommended that you follow our recommended cleaning procedure prior to storing your cooler.

Cleaning

Your cooler does not need to be cleaned before initial use.

1. Clean your cooler with a soft cloth moistened with lukewarm water.
2. Pay attention that no water drops into the vents, as this may lead to damage to the electronic components.
3. Use a soft dry cloth to completely dry the cooler after cleaning.
4. Clean the cooler after use and before storage.

Attention: Never use solvents or abrasive cleaners, as this will damage the cooler. Do not use scourers or scrapers to clean your cooler.

Table of Contents

DC CHEST FREEZER

Technical Data

BR138C4

Application: 12V / 24V DC
Power input: Approx. 60W
Capacity: 138 litres
Net Weight: 33kg
Cooling capacity:Max. -18℃ at 30℃ ambient temperature
Insulation: 60mm Polyurethane foam
Overall Dimension: 885(L) X560(D) X950(H) mm

BR188C4

Application: 12V / 24V DC
Power input: Approx. 72W
Capacity: 188 litres
Net Weight: 37kg
Cooling capacity: Max. -18℃ at 30℃ ambient temperature
Insulation: 60mm Polyurethane foam
Overall Dimension: 1010(L) X580(D) X930(H) mm

BR238C4

Application: 12V / 24V DC
Power input: Approx. 72W
Capacity: 238 litres
Net Weight: 41kg
Cooling capacity: Max. -18℃ at 30℃ ambient temperature
Insulation: 60mm Polyurethane foam
Overall Dimension: 1150(L) X560(D) X890(H) mm

BR318C4

Application: 12V / 24V DC
Power input: Approx. 72W
Capacity: 318 litres
Net Weight: 45kg
Cooling capacity: Max. -18℃ at 30℃ ambient temperature
Insulation: 60mm Polyurethane foam
Overall Dimension: 1400(L) X710(D) X920(H) mm