

● Trouble shooting

- 1.No refrigerating
 - Check if the plug is in?
 - No power?
 - Check if cord is damaged?
 - Check if voltage is abnormal?
2. Refrigerating not desirable
 - Frost too much?
 - Check if the knob is turned between d1 and 4?
 - To open door so frequently or opening duration is too long?
3. Too much noise
 - Is the floor not level or it becomes loose?
 - Is anything in touch with your refrigerator?
4. Compressor working in long time
 - Is the ambient temperature high?
 - Is the door opened so frequently?
 - Is the door not tightly closed?
 - Is the setting of temperature controller at 4-7?
5. Abnormal smell inside
 - Is any food not wrapped well?
 - Is any food going bad?
 - Is your refrigerator necessary for cleaning?
6. Water deposited beneath your refrigerator or spilling out
 - Is water outlet of the refrigerator blocked ? Keep clean and smooth
7. Thick frost deposited on rear of the refrigerator
 - Is any watery food or hot food storing inside?
 - Is the ambient humidity high?

The below case is not a trouble

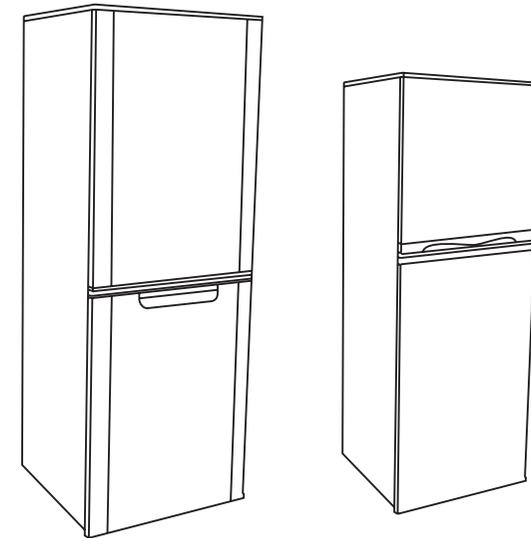
1. During rainy season, condensation frequently happens outside your refrigerator. Wipe to dry only with cloth.
2. Sound of running water that's caused by the following of refrigerant heating outside during working due to the radiation pipe around the refrigerator

Please contact our technical service center when you still can not solve the trouble by following the above ways.

DC COMPRESSOR REFRIGERATOR

User's Manual

- suitable for models:
- BCD118
 - BCD142
 - BCD158
 - BCD176
 - BCD198



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

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2. Be sure the place to install your refrigerator is level.
 - To install your refrigerator on an unlevelled place may cause offensive noise and vibration and to install on the floppy floor may enhance the noise.
 - When install your refrigerator on a carpet floor please use a solid pad on carpet for placing the refrigerator .Otherwise , the carpet may become fading due to the heating stagnation beneath the refrigerator.
 - Adjust the bottom foot tightly close on floor tightly close on floor to keep your refrigerator level allow to keep the refrigerator.
 - Slightly leaning backward so as to make door close easy.
3. The leaning degree to left or right should not be above 45 degree while moving your refrigerator be careful not to press heavily on the condenser area and door of the refrigerator so as to avoid deforming and affecting the performance of the refrigerator.
4. Don't place your refrigerator in a location where is heavy in humidity or near to heat source that may cause rusting and trouble.

● How to use

The refrigerator 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. The refrigerator can be operated between 10.4V and 16.8V or between 22.3V and 30.7V DC ,If the voltage is out of range, the refrigerator will not work, over voltage could cause damage to the electronic component of the refrigerator.

1. For use at the first time . after switch on keep your refrigerator running idly until it stops. which will last for about 2-3 hours, Now adjust the temperature control properly before put foods inside.
2. Generally turn the knob of the temperature controller at the middle position that's normal working temperature of your refrigerator . If necessary to make ice or freeze some food. Turn the knob at position of 4-7.
3. when some loose frost forms inside freezer chamber, please use scoop to remove .If the frost is firm and thick, better to stop running for defrosting and drying .When the frost covers on the vaporizer up to 3-4mm, please activate defrosting function. Turn the knob of the temperature controller at "OFF" OR "0" position, take out all food and cabinets inside, collect the thaw water with tray. After defrosting completely, dry inside the refrigerator and adjust the proper temperature for reuse again. Generally the defrosting interval is 2-3 months.
4. How to make and take off the ice cube: add water into icebox at required level and put inside the freezer chamber, turn the knob "7" position and wait for 2-3 hours . Now the ice is formed inside. but be sure not to directly and heavily take by wresting. Otherwise, the icebox may become breaking.

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5. Put food inside properly, not to jam together, which may affect the cooling circulation.
6. Put food, watery food in particular, into poly pack or sealed container first before place inside your refrigerator, so as to avoid mixture of smell and dewatering.
7. Keep the hot food cool first before putting inside, so as to save energy.
8. Be sure not to open the door frequently or reduce the duration of opening, which can help save energy.
 - Never put some water container or heavy weight on your refrigerator, which may affect the performance of your refrigerator.
 - Not suitable for storing some articles that's strict for temperature control, like serum, vaccine, and other academic material.
 - Be sure to take away bottom foam panel while in use.

● Temperature control

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 0 to 7

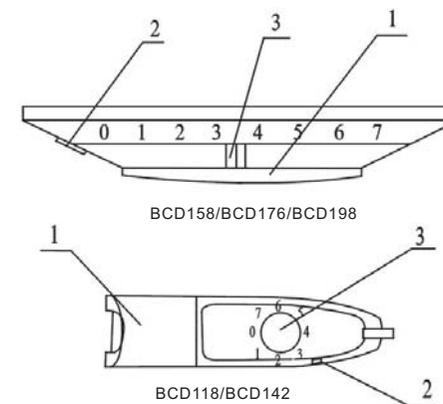
The position "0" means your refrigerator stops working.

Generally please turn the knob in position "4" if necessary to go lower temperature,

Please turn to "4-6" , to adjust the temperature you require in use.

■ Temperature compensation switch

When the ambient temperature is below 16°C, please activate the electro-thermal compensation turn the switch at "ON" When the ambient temperature is above 16°C , please activate the electro-thermal compensation; turn the switch at "OFF" to save power energy.



1. Lighting bulb 2. temperature compensation switch 3. knob

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5. Follow the below to check after cleaning
- Check the cord if it's cracked or damaged.
 - Check the plug is well connected with the socket.
 - Check if the plug is with abnormal cases, like scorching

● Defrosting

Excessive frost coverage may affect refrigerating performance and increase power consumption . When some loose frost forms inside freezer chamber, please use scoop to remove.

If the frost is ice-like, better to stop running for defrosting . Dry the thaw water by sucking with towel or soft cloth.

Generally the defrosting interval is 2-3months, the thaw water can automatically run into the collecting tray on the top of compressor , which can vaporize out under heating radiation from the compressor .

When the water is no way to vaporize out due to so frequent door opening. please directly take out the tray for empty the water.

● Packing list

No	Name	Number	Remark
1	dc compressor refrigerator	1	
2	user's manual	1	
3	ice tray	1	
4	ice shovel	1	
5	power cord	1	
6	AC/DC adapter	1	optional

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● Dear customer:

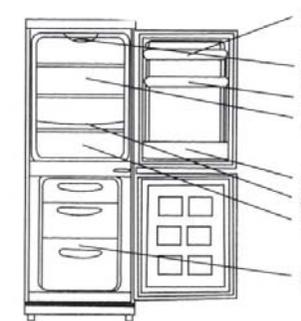
Thank you for trusting and purchasing a Beier Brand refrigerator.

We are a professional manufacturer in industry of household refrigerator, With solid technical force and advanced production equipment. we are dedicated to the innovation of refrigerating technologies. Making Beier brand refrigerator original in design , low in noise ,energy saving in performance, which is high-quality, but affordable price.

With the purpose of offering you services better, we make declaration as below ;

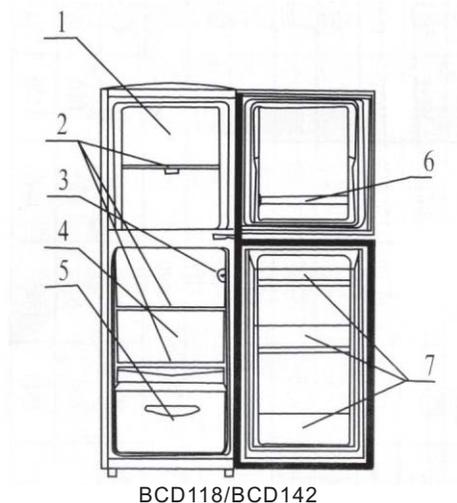
- 1.this is the credential for offering you services that cover refrigerator use instructions and trouble shooting services.
- 2.the warranty service is in compliance with national stipulations
- 3.we support the refrigerator with a 3-year warranty free repair service under warranty, and fee charged as per maintenance standards beyond warranty.
- 4.the warranty is valid from the date on the purchasing voucher.
- 5.the warranty does not cover free service for damage due to improper use or other man-made factors.
- 6.your comments are welcome when you feel unsatisfactory with our services (including our distributors), or your benefits are under violation.

● Illustration of structure



BCD158/BCD176/BCD198

- 1.egg tray
2. part of temperature controller
3. bottle shelf
4. refrigerator chamber
5. jumbo bottle shelf
6. water outlet
7. vegetables & fruits case
8. freezer drawer



BCD118/BCD142
the series of upper freezer and lower refrigerator
1. freezer chamber 2. shelf
3. shield of temperature controller
4. cold storage chamber 5. vegetable & fruits case
6. freezer door bin 7. refrigerator door bottle shelf

■ Your purchased product may have been advantaged, and some structures may not comply with the description in this manual, but the performance and use of the product are not changed, please be relaxed for use.

● Safety & Precaution

For the sake of personal security, please always obey all safety messages below:

1. Hold the plug to pull out instead of pulling the cord directly if necessary to cut off the power supply.
2. When the gas happens leaking, please close up the gas valve and keep the room venting first, never try to pull the plug, otherwise, electric spark may happen to cause accident while pulling the plug.
3. Avoid wetting the refrigerator, otherwise, it may cause leakage leading to trouble.
4. Never store bottle into the freezer
5. Be sure no explosive articles or dangerous chemicals store inside.
6. Keep refrigerator upright while it is turn on and in use

● Packing and moving

- Unpacking, repacking, moving
Please keep in mind the original place of the parts while unpacking for check, repack as per original position for moving after checking
- Keep upright and avoid knocking while moving
Never try to bottom up your refrigerator or keep horizontal while moving. If necessary to keep leaning, the leaning degree between refrigerator and ground should be less than 45 degree
- Be careful not to hold the door or door handle whiling moving, so as to avoid deforming or take off of the door or door handle
- Be sure not to knock or shake heavily while moving

● Cleaning & care

Your refrigerator is for preserving food. Regularly cleaning is necessary to keep wholesome inside. please plug out to cut off the power supply before cleaning.

- Internal care
Use a piece of soft cloth dipped with lukewarm water or neutral detergent (that's used for washing dishes and bowels) for wiping to clean. If detergent is used, be sure to clean with water and dry with cloth. For those that can be removable, allow cleaning in water.
- Maintenance on door seal
The door seal, the bottom seal of the upper door in particular, is easy to damage when it's stained with oil or some sauce for a long time. Be sure to clean it carefully and regularly.
- External cleaning
Wipe away dust on surface with soft cloth, Dip some neutral detergent for cleaning if some oil stains are difficult to remove.
- How to change the bulb
When the bulb is damaged, plug off first and take off the cover, and change a new bulb of DC12V/10W.

● Attention

1. do not wet your refrigerator with water directly, which may cause rusting and trouble Wipe to dry around electric element
2. Never use washing powder, alkaline detergent, steel brush, gasoline, thinner, alcohol, kerosene, acid or boiling water for cleaning your refrigerator. otherwise, some parts of your refrigerator may damage.
3. Never use chemical wiper for cleaning your refrigerator. Otherwise, some parts of your refrigerator may damage.
4. clear away the oil stain inside in time, as the oil stain may quicken the aging of plastic parts.

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● About the refrigerating cabinet

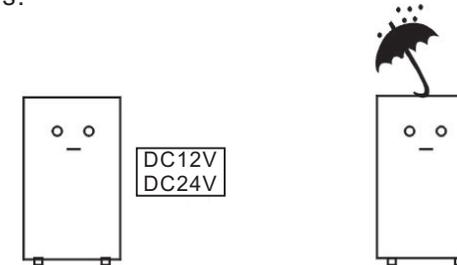
1. Put foods for the short-term storage or serving anytime inside the refrigerating cabinet. which include vegetales, fruits, drinks and so on.
2. For food that is high in water content, please wrap it with paper first before putting inside.
3. The shelves inside the cabinet can be adjusted as required for convenient storage of foods at different sizes .Handle with care when changing position of the shelves.
4. Be sure not to keep food jammed together, which may affect cooling circulation, leading to large energy consumption.
5. The vegetable and fruit case is ideal for storing vegetables and fruits, which is easy to put out for use.
6. Door bin is for storing egg, packaged drinks and other small things. if no necessary ,never try to take it off.

● About the freezing cabinet

1. Usually the temperature of the freezing cabinet is below 18°C that can preserve food in fresh state for along term, as such.It' s better for long-term storage of food. However, be sure to follow the shelf life marked on food.
2. Never put food of acid or alkaline type into the freezing cabinet. Otherwise ,the aluminum surface or the vaporizer may become corrosive.
3. The hot food should cool down to room temperature before putting into the freezing cabinet
4. It' s better divide the food into normal serving sizes before freezing. Meanwhile flatten the food as possible for freezing and thawing easily.
5. Use the enclosed preserving box or wrap bag for package food ,which ca prolong shelf life of food and reduce frosting .
6. Dont' t put glassware or other enclosed container into freezing cabinet , which may be broken due to freezing
7. Don' t put fresh food too much at one time .be sure not to exceed the freezing capacity of the freezer. Otherwise, it may affect freshness of other frozen food.
8. Do not open the door frequently or reduce the duration opening as possible . so as to prevent losing of cooling air
9. Generally, take out food as required at amount for thawing , never freeze those thawed food again. as the quality of food may go bad. Freeze again only after cooking.
10. When the drawer is frozen up with vaporizer, defrost first for taking apart the drawer from the vaporizer. Otherwise , the vaporizer may damage .

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8. 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 under neath the cooler.
 - Ensure power source can safely supply the required current when you use the AC/DC adapter.
 - Do not carry corrosive or solvent material in your cooler.
 - Never obstruct vents as they supply necessary airflow to motor and fan.
 - Never try to use your refrigerator if the conditions don' t conform the above terms.



● install properly

1. Select ventilated space that' s level and solid enough to install your refrigerator.
 - To ensure proper ventilation for your refrigerator so as to reduce the thermal stagnation, improve refrigerating efficiency and save energy.
 - Allow for a 10-15cm space around the refrigerator and above 30cm at the top.
 - Leave a space to allow for the door to swing 135 degree open
 - To ensure no direct sunlight or heat source near your refrigerator.
 - Don' t install your refrigerator in a location where is heavy in humidity that may cause rusting and trouble.

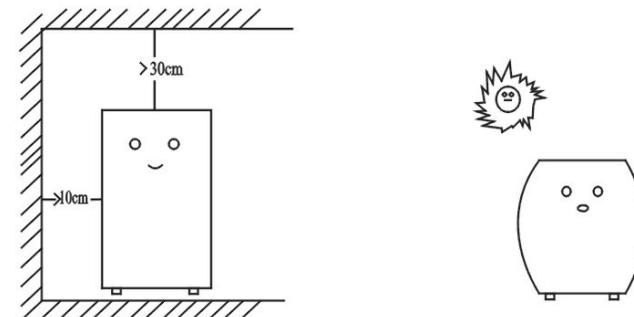


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● Specifications

Model Data	BCD118	BCD142	BCD158	BCD176	BCD198
Climate Class	N	N	N	N	N
Total Capacity(L)	118	142	158	176	198
Capacity of Freezer(L)	47	47	58	76	70
Capacity of Refrigerator(L)	71	95	100	100	128
Rated Voltage	12V/24V DC				
Total input Power(W)	65	65	65	65	72
Input Power of Bulb(W)	10				
Refrigerant	R134a				
Noise(dB)	≤40				
Product Dimension(mm)	485X470X1170	485X470X1260	535X500X1375	535X500X1455	500X540X1560
Pack Dimension(mm)	535X515X1235	535X515X1325	605X565X1445	605X565X1525	556X605X1620
N.W(Kg)	30	33	45	48	52



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