



...leaves you with a smile

Chest-Freezer

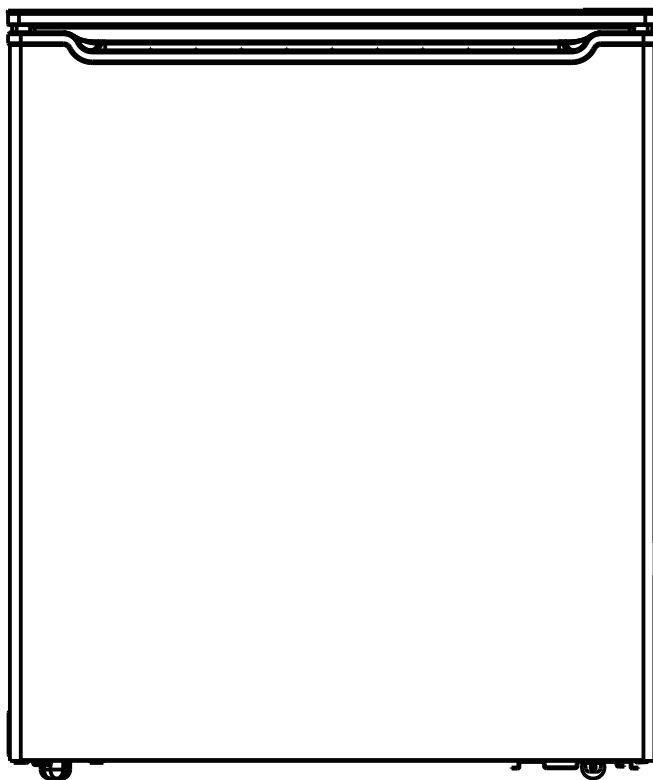
USER MANUAL

BCS-160EI

BCS-170EI

BCS-210EI

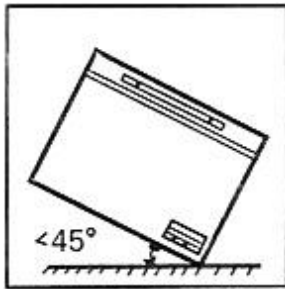
BCS-250EI



Please read the following instructions completely before operating this appliance.

Please click <http://bruhm.com/> for more information if this user manual is lost.

TRANSPORTATION AND INSTALLATION:



1. When you transport the freezer, the angle between the compartment body and the ground should be no more than 45° , and you should never place the freezer up-side down.
2. Do not use any of the external part as loading points, for example, the condenser on the back, the door or the hinge.
3. When the freezer is installed or used, all the package (including board and foam plastic) should be got rid of.
4. Keeping the freezer stable to avoid vibration and noise.
5. The freezer should be installed in the place with good ventilation, a space of at least 10cm should be allowed between the surrounding wall and the cabinet wall for air condition.
6. It should be placed far from heating source and not under direct sunshine to avoid decrease of the efficiency of refrigeration.
7. Install the freezer in a dry place so as to prevent rust on the compartment body, which may affect the electric insulation.
8. If installation next to a heat source is unavoidable, use a suitable insulating plate or observe the following minimum distances to a heat source: 3 cm to an electric cooker. 30 cm to an oil or solid-fuel cooker.

IMPORTANT INFORMATION WHEN USING THE APPLIANCE

- Never use electrical appliances inside the appliance (e.g. heaters, electric ice makers, etc.). **Risk of explosion!**
- NEVER use a steam cleaner to defrost or clean the appliance. The steam may penetrate electrical parts and cause a short-circuit. **Risk of electric shock!**
- Do not use pointed or sharp-edged implements to remove frost or layers of ice. You could damage the refrigerant tubing. Leaking refrigerant may ignite or cause eye injuries.

SAFETY AND WARNING INFORMATION

Before you switch ON the appliance

Please read the operating and installation instructions carefully. They contain important information on how to install, use and maintain the appliance. Keep all documentation for subsequent use or for the next owner.

TECHNICAL SAFETY

- This appliance contains a small quantity of environmentally-friendly but flammable R600a refrigerant. Ensure that the tubing of the refrigerant circuit is not damaged during transportation and installation. Leaking refrigerant may cause eye injuries or ignite.

If damage has occurred

- Keep naked flames and/or ignition sources away from the appliance,
- Thoroughly ventilate the room for several minutes,
- Pull out the mains plug,
- Notify customer service.

The more refrigerant an appliance contains, the larger the room must be.

Leaking refrigerant can form a flammable gas-air mixture in rooms which are too small.

The room must be at least 1 m³ per 8 g of refrigerant. The amount of refrigerant in your appliance is indicated on the rating plate inside the appliance.

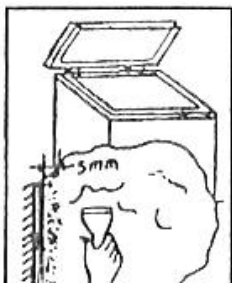
- Only customer service may change the power cord and carry out any other repairs. Improper installations and repairs may put the user at considerable risk.

CAUTIONS:

- 1.The freezer must be connected with earth correctly, never with the heating pipe and coal gas pipe.
- 2.In case of any damage on the electric wire and plug, please contact the after service and never do it yourself. When plug out, please take the plug, not the wires.
- 3.If the voltage is unstable, please choose the suitable automatic voltage regulator.
- 4.Connection the power to check the freezer before using, the freezer can be used until the temperature decreases obviously after 30 minutes.
- 5.You should adjust the temperature control according to the requested temperature and quantity of the stored food and the environmental temperature.
- 6.Before putting the stuff into the freezer please turn on the “Fast Freeze” switch (if without this switch, please adjust the temperature control to the lowest point) and let it work till the temperature of inner cabinet decreases to -18 °C and then putting the stuff in, after 12 hours turn off the “Fast Freeze” and adjust the temperature control to the normal point.
- 7.Never put hot food in the freezer directly only after it has been cooled naturally outside.
- 8.The stuff should be put into the freezer partially, each lot will not be more than the figure which is equal to the capacity (L) divide by 20.
- 9.Not full the freezer and make it crowded, big meat should be divided into several small parts. There should be reasonable space between the foods for better freezing.
- 10.If power cut off is needed, you should wait for at least 5 minutes before turn on again to avoid damage to the compressor.
- 11.The stuff stored should be packed with plastic bag well to avoid smell-mixed and moisture-lost, and reduce the frost at the same time.
- 12.Never store any flammable, explosive and corrosive liquid or gas in the freezer and keep it away from them.
- 13.Beer, beverage, fresh flower, medicine and injection can not be put into the freezer.
- 14.Please make the temperature control to the lowest point if you want to store ice cream or

other uneasy-frozen food.

DEFROST:



Defrost when the frost thickness on the wall of the cabinet reaches 5mm to optimize the freezing capacity.

1. Turn the temperature control to the lowest point for 5-6 hours before defrosting.
2. Cut off the power and take out the food, use the defrost removal, do not apply sharp tools.
3. After defrosting, clean the wall with dry cloth, and then power on.

THE FOLLOWING PHENOMENA ARE NORMAL:

1. There will be sound of flowing water when the refrigerant is running.
2. The frozen food does not melt even if a long time power off.
3. When the environment humidity is too high, there will be dew condensed on the surface of the freezer.
4. When the machine is running, the condenser and compressor will be hot.

INFORMATION CONCERNING DISPOSAL

Warning!

Redundant appliances:

1. Pull out the mains plug.
2. Cut off the power cord and discard with the mains plug.

Refrigerators contain refrigerants and the insulation contains gases. Refrigerant and gases must be disposed of properly. Ensure that tubing of the refrigerant circuit is not damaged prior to proper disposal.

CONNECTING THE APPLIANCE

After installing the appliance, wait at least 1/2 hour before switching on the appliance. During transportation the oil in the compressor may have flowed into the refrigeration system. The mains connection cable may be replaced by an electrician only.

TROUBLE SHOOTING:

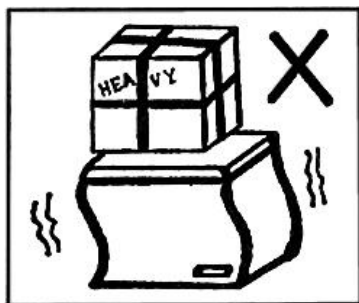
TROUBLES	REASON	SOLUTION
Unfreezing	✂ Temperature control is on the highest point	Adjust the temperature
	✂ Plug and outlet not connected well	Make them connect well

	✂ Fuse broken off	Change the fuse
Compressor can not stop working	✂ Yellow light on (if have)	Turn off the 'Fast Freeze' switch
	✂ Temperature control is on the lowest point	Adjust temperature control
	✂ Too much stuff stored in one time	Reduce the quantity
	✂ Thick frost	Defrost
	✂ Too much times of door-opening	Reduce the times of door-opening
	✂ Too near the wall	Far from the wall
	✂ Near the hot source or sun	Change the place
Big noise	✂ Refrigerating tubes connected	Separate them
	✂ Ground is not flat	Change the place

REMARK: If you can not solve the troubles according to the above-mentioned ways, please contact the after service, do not handle it yourself.

MAINTENANCE AND CLEANNESS:

1. Do not open the door frequently and too long to save energy.
2. Never leave heavy or hot stuff on the top of the freezer to avoid deforming.
3. Cut off the power before cleaning.

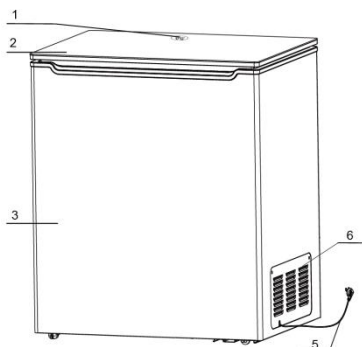


4. To clean the freezer, please use soft cloth dampened in some moderate detergent and hot water.
5. Use warm water to clean oil or fruit juice stain on the gasket in order to keep its elasticity. Apply some talcum powder to it to prolong its service life.
6. The freezer should not be left unused for a long time, to stop using the freezer, disconnect the main power first, then clean the inside and leave the door open for 2~3 days to dry it.

ATTENTION

- ✧ Young children or infirm person without supervision does not intent appliance for use.
- ✧ Young children should be supervised to ensure that they don't play with the appliance.
- ✧ We have a policy of continuous improvement on our products and reserve the right to change materials and specifications without notice. To confirm the specific parameters, please according to the rated label on the product.

THE FOLLOWS ONLY FOR CHEST FREEZER OF BCS-170EI BCS-250EI



1. Control panel
2. Lid
3. Cabinet
4. Drain pipe
5. Electric wire
6. Compressor room cover

TECHNICAL DATA:

MODEL	ANTI-ELECTRICITY	VOLUME (L)	INPUT POWER (W)	ENERGY CONSUMPTION (kW·h/24h)	NET WEIGHT (kg)	OVERALL DIMENSION (mm)
BCS-170EI	I	170	87	0.56	34	714x550x848
BCS-250EI	I	250	115	0.66	41.5	926*550*848

THE FUNCTION OF CONTROL PANEL:



1. When powering up for the first time, perform self-test (all LEDs on the display panel are on for 1 second, off for 1 second), and the self-test ends to enter the setting state. The button is unlocked, and the display screen flashes (unlocked state) to display the current setting temperature. The default setting temperature of freezer is -18.0 °C.

2. In the locked state, touch “TEMP.
ADJUST” or “FUNCTION
3s/UNLOCK” any button the temperature display area shows the actual temperature.

press the button of “FUNCTION
3s/UNLOCK” simultaneously for 3 seconds,

and the display button will be unlocked. function selection and temperature adjustment can be carried out. In the unlocked state, no-operation for 8 seconds makes the current value be stored and the button be locked.

3. This series of products has memory function in case of power-off. When powered on, it will run at the previous state (including quick-freezing mode), and the screen will display the setting temperature.

Temperature setting:

1. In the unlocked state, click the button of ^{TEMP.} _{ADJUST} "The temperature changes at 0.1 °C /time. , press the button of ^{TEMP.} _{ADJUST} " The temperature changes at 1 °C /time. And it can be displayed cyclically between the temperature ranges set by the corresponding functions. no-operation for 8 seconds, the display screen will be locked, and from the display set temperature to the temperature in the display box.

2、 Mode Setting: In the unlocked state, click the button of ^{FUNCTION} _{3s/UNLOCK} , It can be selected between the functions of "  Fresh" (8.0°C ~ 0.0°C) 、 "  Chill" (-1.0°C ~ -11.0°C) 、 "  Freeze" (-12.0°C ~ -40°C) 、 "  Fast-freeze". Fast freeze function will be automatically turned off (withdraws)after 24 hours, and running at the set temperature -18°C .

3、 The default setting temperature of freezer is -18.0°C. Please set the temperature according to the following requirements in different conditions:

When the ambient temperature is less than or equal to 25°C, the inner temperature of the freezer is recommended to be set at 8°C to -36°C.

When the ambient temperature is greater than 25 °C , the inner temperature of the freezer is recommended to be set at 8°C to -26°C.

Friendly reminder:

Because of the difference between types of freezers, when the temperature setting is low, there will be a deviation between the display temperature and the setting temperature, which is a normal phenomenon. At this time, the compressor will not stop running and the power consumption will increase. It is recommended to set the temperature according to the above requirements so as to guarantee your favorable use.

Frost reduction box:



The main function of the frost reduction box is to effectively reduce the frost on the inner wall of the chest freezer. It is recommended that the frost reduction box should be taken off regularly (6 months) to air the functional core in order to restore its performance.

Rotate in the direction of "OPEN" to remove the frost box, and rotate in the direction of "CLOSE" to fix the frost box.

Environment Friendly Disposal



*You can help protect the environment!
Please remember to respect the local regulations:
hand in the non-working electrical equipments to
an appropriate waste disposal center.*

BRUHM products are intended household use only

BRUHM has policy of continuous improvement in product quality and design. The company, therefore reserves the right to change the specification of its model at any time.