

■Please carefully read the operation instructions before power on, and keep it properly.

■The products may subject to changes without notice.

INFINITON

Two-door Household Refrigerator Operating Instructions

SBS-506A77XEM

Contents

Thank you for buying the refrigerator. We hereby express our thanks. Welcome to use the refrigerator. We will do our best to provide you with quality service.

Safety instructions -----	P2
Product introduction -----	P5
Handling and placement -----	P6
Preparations prior to use -----	P7
Operation keys -----	P8
Operation and diagram of display board -----	P8
Food storage -----	P11
Ice-making -----	P11
Disassembly and assembly method of accessory -----	P12
Care and maintenance -----	P12
Failure analysis -----	P13
Non-failure -----	P13
Technical parameter-----	P14
Packing list-----	P15

1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

2. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

3. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

4. **WARNING:** Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

5. **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

6. **WARNING:** Do not damage the refrigerant circuit.

7. **WARNING:** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

8. Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

9. This appliance is intended to be used in household and similar applications such as

- Staff kitchen areas in shops, offices and other working environments;
- Farm houses and by clients in hotels, motels and other residential type environments;
- Bed and breakfast type environments;
- Catering and similar non-retail applications.

10. This product contains a light source of energy efficiency class F for light source ERP, test with(without) light cover.

1.Warning

Warning: No barrier is allowed around the appliance or in the embedded structure in order to ensure the free ventilation.

Warning: It is forbidden to speed up the defrosting process with any mechanical equipment or by other method except for the method recommended by the manufacturer.

Warning: Never damage the refrigerating circuit.

Warning: Never use any electric apparatus in the food chamber of the appliance except for the type recommended by the manufacturer.

Warning: Never place the liquid beverage or food contained with glass container in the freezing chamber for fear of cracking.

Warning: If powered off, the refrigerator shall be powered on 5min later for fear of damaging the compressor.

Warning: If any live part, abnormal noise, smell, smoke or other abnormality is found during use, it is necessary to power off the appliance immediately and contact the after-sales service department of the Company timely.

Warning: Never place your finger or hand under the refrigerator, especially rear bottom of refrigerator; otherwise, you may be hurt by the sharp matter.

Warning: The children must not play or climb the refrigerator. The operation by the children must be supervised by their parents for fear of danger.

Warning: Never place your hand between the doors to open or close door for fear of jamming your finger. The door handle shall be used to open or close the door.

Warning: Under the rated climate types SN, N and ST, the operating ambient range of the appliance is 10°C~38°C; under the climate types SN, N, ST and T, the operating ambient range of the appliance is 10°C~43°C. If the appliance operates outside the rated climate type (ambient temperature range), the appliance may not maintain the satisfying interior temperature.



Warning: Risk of fire / flammable materials

Warning: When positioning the appliance, ensure the supply cord is not trapped or damaged.

Warning: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances

Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.

Clean regularly surfaces that can come in contact with food and accessible drainage systems.

Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.

Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes.

One-, two- and three-star compartments are not suitable for the freezing of fresh food.

If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

2. Cautions

Cautions: The power supply of this product must be uniform with the power supply mentioned on the nameplate, and the standard independent 3-hole socket shall be used (above 10A, and reliably grounded). One socket must not be shared by more than one appliance; otherwise, fire may be caused due to overheat.

Cautions: Never pull the power wire by hand. It is necessary to hold and unplug the power connector from the socket to disconnect the power supply. The power wire or connector must not be touched by the wet hand for fear of electric shock.

Cautions: The power wire must not be squeezed by the refrigerator or any heavy load, and the power wire shall not be bent extremely. The damage or peeling of power wire may result in fire or electric shock. If the power wire is broken or cut, please contact the after-sales service department immediately.

Cautions: No flammable or explosive matter or corrosive acid or alkaline matter is allowed in the refrigerator.

Cautions: The refrigerator must not be used in the rain or under the sunshine.

Cautions: It is forbidden to place the container with fluid on the refrigerator because the breakage or turnover of the container may affect the electrical insulation of refrigerator and result in electric shock or fire.

Cautions: The refrigerator must not be disassembled or modified without permission. The repair of refrigerator must be performed by the specialist.

Cautions: In case of leakage of any flammable gas such as coal gas, it is necessary to close the leaking valve first and then open the window for ventilation, and forbidden to unplug the refrigerator connector immediately for fear of fire or explosion due to electric spark.

Cautions: Refrigerating appliances – in particular a refrigerator-freezer Type I – might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the frozen food compartment) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed;

Cautions: The fact that effervescent drinks should not be stored in food freezer compartments or cabinets or in low-temperature compartments or cabinets, and that some products such as water ices should not be consumed too cold.

Cautions: The need to not exceed the storage time(s) recommended by the food manufacturers for any kind of food.

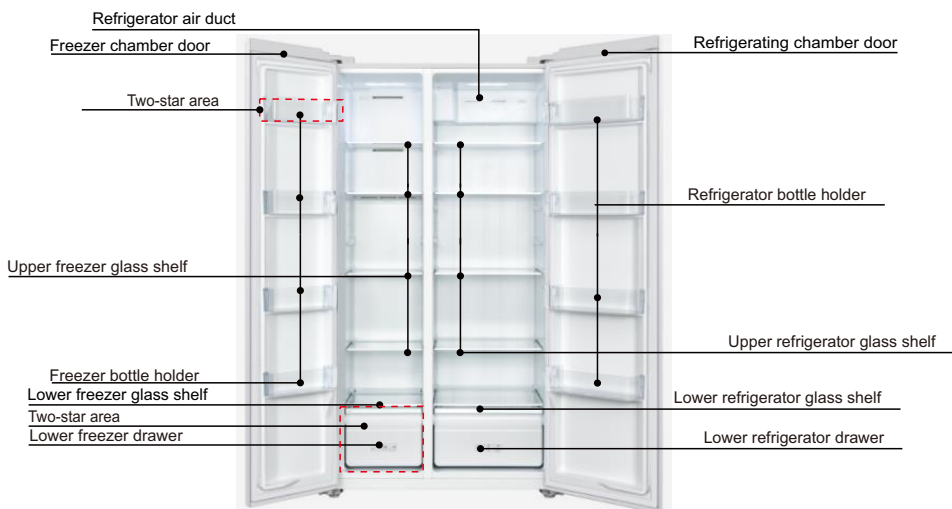
Cautions: The precautions necessary to prevent an undue rise in the temperature of the frozen food while defrosting the refrigerating appliance, such as wrapping the frozen food in several layers of newspaper.

Cautions: The fact that a rise in temperature of the frozen food during manual defrosting, maintenance or cleaning could shorten the storage life.

Cautions: The care required with regard to frozen food in storage in the event of an extended non-running of the refrigerating appliance (interruption of power supply or failure of the refrigerating system).

Cautions: The action to be taken when the refrigerating appliance is switched off and taken out of service temporarily or for an extended period (e.g. emptied, cleaned and dried, and the door(s) or lid(s) propped ajar).

Product introduction



The pictures are for reference only. Please refer to the object

Features

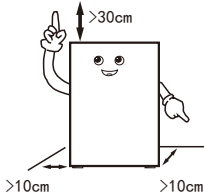
- Intelligent temperature control by computer, fan-cooled and frost-free
Computer temperature control is adopted, visual operation, intelligent and convenient; equipped with fan-cooled and frost-free system, safe and efficient;
- Green and environmental friendly refrigerant
CFC-free materials are adopted, green and environmental friendly material R600a, 80% main materials can be recycled;
- - Generate air by swinging left and right, uniform cooling;
- 630mm ultra-thin machine body, easy in and out;

Warm prompt:

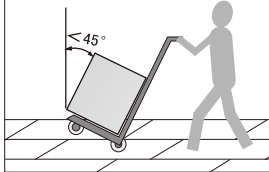
If your product is improved product, it may not be totally same as that in the instructions. But it will not change the performance and method of application.
Please feel relieved about usage.

Handling and placement

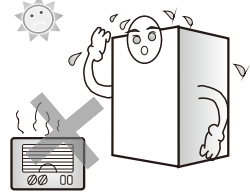
Certain space shall be left around the refrigerator, shown in the figure.



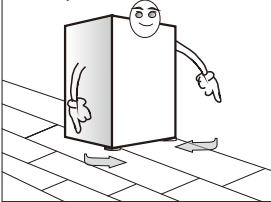
During handling, the door side of the refrigerator shall not contact with the handling tools



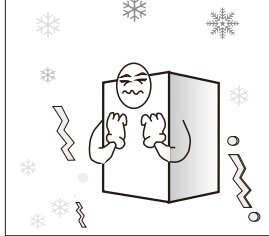
The refrigerator shall be placed in an environment which is dry, has good ventilation, far from direct sunshine and heat source.



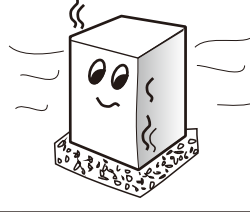
The refrigerator shall be placed on the flat and firm surface. If the ground is not flat, adjust the adjusting leg to keep it level.



Never place the refrigerator into a too cold environment that may get frozen.



Removing the foam base is beneficial for bottom heat dissipation and can avoid fire.



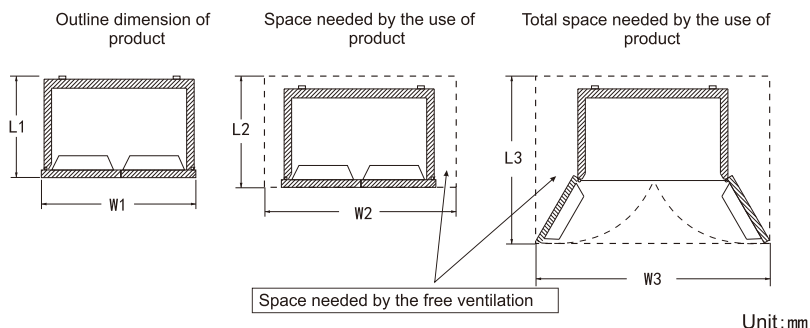
Warm prompt:

- When handling the refrigerator, at least two persons are required – one lifts the top of rear part, the other one handles the bottom (if one part is clamped, it is quite dangerous and may cause accident).
- When moving the refrigerator, the lower runner may damage and scratch the floor. If you need to move the refrigerator for a long distance, the internal accessories shall be fixed using adhesive tape. Otherwise, the accessories may get damaged due to crashing each other.
- Please place the refrigerator in the position with small vibration or little exposed to vibration. For users in the area where earthquake often occurs, please fix the refrigerator against the wall or pole. Otherwise, the falling of refrigerator will cause accident.
- Sufficient clearance shall be left around. If the clearance is too small or place goods on the top or close to the side, or paste on the sides, the heat dissipation of refrigerator will be affected, and thus to cause unnecessary electric energy waste as well as burn out of the wall and other goods; the contact between the back and wall will cause vibration and noise;
- Adjust the front part and adjusting leg of the refrigerator to level it. Unlevel of the refrigerator will cause vibration and noise.

Handling and placement

This refrigerating appliance is not intended to be used as a built-in appliance

The outline dimension of the product and the space needed by the use of product are shown in the following pictures:



Product model	Outline dimension of product		Space needed by the use of product		Total space needed by the use of product	
	L1	W1	L2	W2	L3	W3
SBS-506A77XEM	630	920	>L1+100	>W1+200	>L1+380	>W1+600

Preparations prior to use

1. Remove all packing assemblies such as case fixing tape etc., especially the foam base.
2. Use warm wet cloth to clean both interior and exterior of the refrigerator, (neutral detergent can be added in warm water).
3. After leveling and cleaning the refrigerator, stand it for about 2 hours before plugging the power plug for powering on, and cool the refrigerator for 2 to 3 hours before storing foods.

1. Remove fixing tape

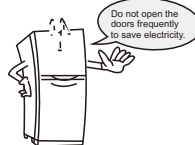


In hot summer, 24 hours are needed to fully freeze the food. Check the refrigerating condition on the second day.

2. Connect to power



3. Store food after connecting to power for 2-3 hours



The plastics deodorant will disappear automatically after freezing for a while.

The appliance should be located in the coolest area of the room, away from heat producing appliances or heating ducts, and out of the direct sunlight.

Let hot foods cool to room temperature before placing in the appliance. Overloading the appliance forces the compressor to run longer. Foods that freeze too slowly may lose quality, or spoil.

Be sure to wrap foods properly, and wipe containers dry before placing them in the appliance. This cuts down on frost build-up inside the appliance.

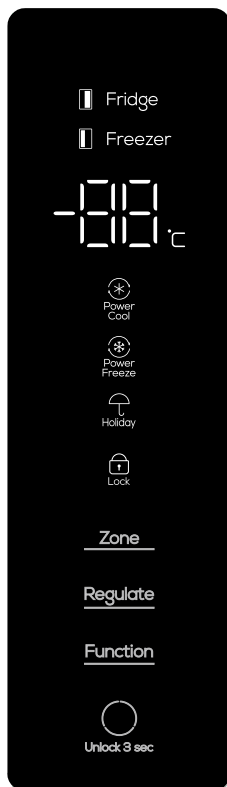
Appliance storage bin should not be lined with aluminum foil, wax paper, or paper toweling. Liners interfere with cold air circulation, making the appliance less efficient.

Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.

Please refer to the product introduction picture on page 6 for the placement of accessories.

Operation keys

Operation and diagram of display board



The above is the computer control board of the product

Operation keys

Powered on for the first time

When it is powered on for the first time, the refrigerator will start the intelligent mode and run at 5 °C for the refrigerator chamber and -18 °C for the freezer chamber.

Child lock function

Turn on: when there is no key operation on the display screen, after 30 seconds, the keyboard is automatically locked and the child lock function is turned on;

Turn off: when the display screen is in the locked state, press the "unlock 3 sec" key and hold it for 3 seconds to unlock, and the child lock function is turned off.

Manual temperature adjustment

When there is no key operation on the display within 30 seconds, the display will go out automatically, and the keyboard will be automatically locked. When the display is off, press the button for the first time to wake up the display; press and hold the "unlock 3 sec" button for 3 seconds to unlock, and then press the button again to make the button function effective.

Refrigerator chamber temperature adjustment (2°C ~ 8°C)

In the unlocked state, repeatedly press the "Zone" button until the refrigerated storage temperature area is lit, and then presses the "Regulate" button to adjust the temperature of the refrigerator chamber. The temperature of the refrigerator chamber should be set between "02" - "03" - "04" - "05" - "06" - "07" - "08" - "02". Select the appropriate temperature to stop the key operation, and then set the temperature range for confirmation.

Freezer chamber temperature adjustment (-24°C ~ -15°C)

In the unlocked state, repeatedly press the "Zone" button until the freeze storage temperature area is lit, and then presses the "Regulate" button to adjust the temperature of the freezer chamber. The temperature of the freezer chamber should be set between "-24" - "-23" - "-22" - "-21" - "-20" - "-19" - "-18" - "-17" - "-16" - "-15" - "-24". Select the appropriate temperature to stop the key operation, and then set the temperature range for confirmation.

Power Cool function

When the refrigerator is under unlock state, press "Function" button repeatedly till the "Power Cool" icon blinks, after that, stop the key operation and wait for 3 seconds to enter refrigerator chamber power cool function. You can quit the power cool function with the same operation. Once entering "Power Cool", The Refrigerator will automatically quit the power cool function after entering it for 2 hours. "Power Cool"

Under "Power Cool" state, the setting temperature for the refrigerator chamber is displayed by 2°C till quitting the function. Under "Power Cool" state, when setting other functions, you may automatically quit the power cool function. Under "Power Cool" state, you will automatically quit the power cool function when the refrigerating door is opened over 3 minutes. (Under "Power Cool" state, when setting other functions, you may automatically quit the power cool function)

Power Freeze function

When the refrigerator is under unlock state, press "Function" button repeatedly till the "Power Freeze" icon blinks, after that, stop the key operation and wait for 3 seconds to enter freezer chamber power freezing function. You can quit the power freezing function with the same operation. Once entering "Power Freeze", the refrigerator will automatically quit the power freezing function after it is under HL-COOL for 4 hours.

Under "Power Freeze" state, the setting temperature for the freezer chamber is displayed by -32°C till quitting the function. Under "Power Freeze" state, when setting other functions, you may automatically quit the power freezing function. Under "Power Freeze" state, you will automatically quit the power freezing function when the freezing door is opened over 3 minutes.

Operation keys

(Under "Power Freeze" state, when setting other functions, you may automatically quit the power freezing function)

Holiday function

In the unlocked state, press the "Function" key repeatedly until the "Holiday" icon flashes, stop the key operation and wait for 3 seconds to enter the holiday function. In holiday mode, the position of refrigerator refrigerating chamber shows "OF", and the refrigerating chamber enters the closed state. (In the "Holiday" state, when other functions are set, the holiday function may be automatically exited)

Note: Before activating the holiday function, please take out the food in the refrigerator chamber .

Power off memory

When power goes off, the instantaneous working state at the time of power off will be locked. After power on, it will still work according to the setting before power off.

Door alarm

If the refrigerator or freezer door is not closed tightly or stays open for more than 1 minute, beep issue "Di, Di, Di". Press any key to pause the alarm; send an alarm again after 1 minute; close the refrigerator or freezer door tightly to stop the alarm.

Over temperature warning of freezer chamber

When the power is switched on, the temperature of the freezer chamber is higher than -12°C , the schematic box corresponding to the temperature zone of the freezer chamber is on, and the digital zone flashes. Press any key to display the temperature of the freezer chamber when it is powered on, press the key again or 10 seconds later, it will return to the normal display state.

Display protection function

If there is no any key operation within 30 seconds, the refrigerator will enter the display protection function, and the keyboard will be automatically locked. In the display protection mode, press any key to exit the display protection function.

Operation keys

Foods storage

refrigerator chamber (2°C~8°C)

- The refrigerator chamber is mainly used for storing short-term foods, like milk, eggs and bottled drink.
- Vegetables, melons and fruits shall be put into the fruit and vegetable box to prevent water loss.
- The cooked foods shall be put into the refrigerator after packaging with the preservative bags, to prevent the back from frosting and the power from increasing.

freezer chamber (-24°C~-15°C)

- The freezer chamber is used for the foods to be stored for long-term.
- Fish and meat to be frozen shall be cut into small pieces, packaged with preservative bags separately and then put into the frozen drawer.
- The glass container or the sealed container filled with liquid shall not be stored in the freezer chamber, to prevent the risk of burst due to freezing.
- The fresh foods shall not be stored together with the frozen foods.
- Do not place food close to inside wall in freezer lest food and wall should be frozen together.

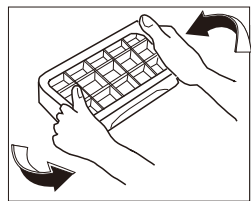
★★ Warm tips:

The stored food, if any, shall not block the air duct outlet and return port for fear of affecting the refrigerating effect.

Before being stored in the refrigerator, the overheated water and food shall be cooled to the room temperature.

Ice-making (If the appliance has it)

Fill the ice-making box with 4/5 water and put the box into the freezer chamber. After the water in the box turns into ice, twist the box slightly to separate the ice from the box. However, don't bend the box. When separating the ice, wrap the box with dry box to avoid finger frostbite.



Operation keys

Disassembly and assembly method of accessory

--Glass shelf in the refrigerating chamber: the height of the shelf is adjustable, which facilitates the storage of articles with different volumes. Pull the shelf outwardly and upwardly in a slight way to take out.

--Fruit and vegetable box: for storing vegetables and fruits. It can be taken out by pulling outwardly.

--Drawer in the freezing chamber: storing foods to be preserved for long-term, such as meat and fish. It can be taken out by pulling outwardly and lifting upwardly.

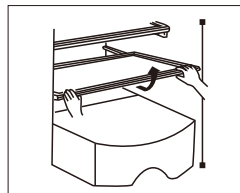
Kindly tips: It is recommended to put into the large piece of meat after being cut into small pieces, to avoid difficult cutting after being frozen. The quick-freezing foods shall be distributed uniformly and stored together after being frozen.

--Bottle pedestal at the refrigerating door: storing eggs, various bottled drinks and other sundries. It can be taken out by being lifted up slightly.

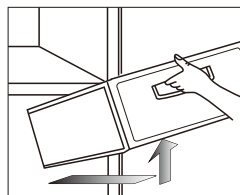
Note: Don't pull out the bottle pedestal at the refrigerating door forcibly during disassembly, to avoid damaging the refrigerator.

Changing the Light

Any replacement or maintenance of the LED lamps is intended to be made by the manufacturer, its service agent or similar qualified person.



Take out by pulling upwardly and outwardly in a slight way



Take out by pulling outwardly and upwardly in a slight way

Care and maintenance

It is suggested to maintain the refrigerator once per month;

--Unplug the power plug to prevent from electric shock;

--Use wet cloth or neutral detergent (cleanser essence) to wipe off the oil contamination and other dirt. Then completely wipe off the detergent.

--Do not use alkaline detergent, soap powder, gasoline and alcohol, talcum powder etc.; otherwise the coats or plastics may be damaged;

--Regularly clean the refrigerator body and clear the ground dusts to keep the refrigerator clean.

Inspections after maintenance:

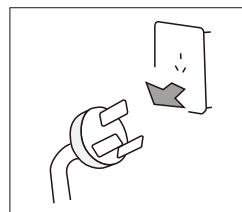
1. Whether there are damages to the power line and plug; 2. Whether there are dusts on the power plug; 3. Whether there is abnormal heat on the plug; 4. Whether the socket is loose; 5. Whether the plug is totally inserted.

Note:

If the power line and plug is damaged and there exist dusts, electric shock or fire may occur;

After unplugging the plug, 5 minutes must pass before re-plugging it;

Do not put your hands under the refrigerator to avoid getting hurt.



Unplug the refrigerator plug before cleaning



Please use neutral detergent

Failure analysis

The following items shall be inspected before occurring failures which require maintenance:

Failures:Refrigerator does not work,The refrigeration effect is poor

Causes:1. Check the connection of power supply. 2. Check whether the refrigerator is exposed to direct sunlight or whether there is heat source nearby. 3. Check whether there is heat dissipation space around refrigerator.

Remedies:1. Connect the power supply. 2. Move the refrigerator to a place without direct sunlight and heat source. 3. Leave sufficient space between refrigerator and wall.

Failures:Foods in refrigerating chamber are frozen

Causes:1. Check whether the setting temperature is too low. 2. Check whether foods with too much water are too close to the rear wall.

Remedies:1. Adequately increase the temperature. 2. Move the foods with too much water to the door side of glass shelf

Failures:There is abnormal sound in refrigerator

Causes:1. Check whether the bottom of refrigerator is stable. 2. Check whether the refrigerator is too close to the wall. 3. Check whether the refrigerator touches other objects.

Remedies:1. Adjust the bottom adjusting leg to stabilize the refrigerator. 2. Leave sufficient space around refrigerator. 3. Remove the obstacles.

Failures:There is abnormal odor in refrigerator

Causes:1. Check whether the foods are sealed for storage. 2. Check whether the refrigerator is clean. 3. Check whether the foods are stored for too long time.

Remedies:1. Sealed foods for storage. 2. Regularly clean the refrigerator. 3. Do not store foods for too long time.

Non-failures

Phenomenon:Fever or hot on two sides and spacing part surface between refrigerating chamber and freezing chamber.

Cause:Refrigerator pipes (condenser, anti-fog pipes) are on two sides and front part of refrigerator for heat dissipation and to prevent from condensation.

Phenomenon:The door is too tight and not easy to open

Cause:Reopening of the door immediately after closing it is hard because hot air enters the refrigerator and contracts to produce pressure difference. It is easy to open the door after a while.

Phenomenon:There is water ripple in refrigerator

Cause:When starting or stopping the compressor, the refrigerant will make such sound; Water produced after defrosting will also make such sound.

Phenomenon:There is "Click" sound or tick sound in refrigerator

Cause:Shrinkage and swelling of case will make such sound;When the case is cold or the door is opened, this sound will occur;Phenomenon:There is hum sound in refrigerator

Cause:Running of compressor will make such sound (if the refrigerator is not leveled, this sound will be louder)

Phenomenon:There is condensation or frosting freezing chamber door surface or food surface

Cause:Temperature or humidity around the refrigerator is high;The door is opened for too long time;The foods with too much water are not sealed or tightly wrapped

Phenomenon:There is condensation on the built-in light surface

Cause:Light will produce heat after being lit, and the door is opened for too long time. So there is temperature difference, and thus the light case will have condensation.

Phenomenon:There is condensation and water mist on body

Cause:Humidity around refrigerator is high, and the moisture in the air will gather in the case to form condensation

Technical parameter

Model	SBS-506A77XEM					
Climate type	SN/N/ST/T					
Electric shock resistance	I					
Star sign	* 					
Total Volume	505L					
Fresh food compartment	324L					
Volume of Freezer	156L					
Volume of Two-star Section	25L					
Power type	220-240V~50Hz					
Rated current	1.6A					
Power consumption	314 kWh/a					
Lamp power	3W					
Weight	78kg					
Dimension	920x630x1768mm					
Refrigerant and charge amount	R600a,66g					
Noise Volume	37dB(A)					

Packing list

Annex \ Model	SBS-506A77XEM					
Refrigerating shelf	4					
Freezer shelf	5					
Fruit and vegetable box cover	1					
Fruit and vegetable box	1					
Ice-making box	1					
Egg box	1					
Refrigerating door bottle bracket	4					
Freezer door bottle bracket	4					
Freezing drawer	1					
Operating instruction	1					

Safe recovery instructions

Disposal

Old appliances still have some surplus value. An environmentally friendly approach will ensure that valuable raw materials are recycled.

The refrigerants used in your equipment and insulation materials require special handling procedures. Make sure there is no pipe damage on the back of the equipment before handling. Up-to-date information on the options for disposing of old equipment and packaging from old equipment can be obtained from the local municipal office.

Correct Disposal of this product.	
	This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and ollection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Table 1 Climate classes

Class	Symbol	Ambient temperature ranges°C
Extended temperate	SN	+ 10 to + 32
Temperate	N	+ 16 to + 32
Subtropical	ST	+ 16 to + 38
Tropical	T	+ 16 to + 43

Extended temperate: 'this refrigerating appliance is intended to be used at ambient temperatures ranging from 10 °C to 32 °C';

temperate: 'this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 32 °C';

Subtropical: 'this refrigerating appliance is intended to be used at ambient temperatures ranging from 16°C to 38°C';

Tropical: 'this refrigerating appliance is intended to be used at ambient temperatures ranging from 16°C to 43°C';

Dear customer

if you need customer service, please check warranty card for further information.

