



ASB-BD-482W



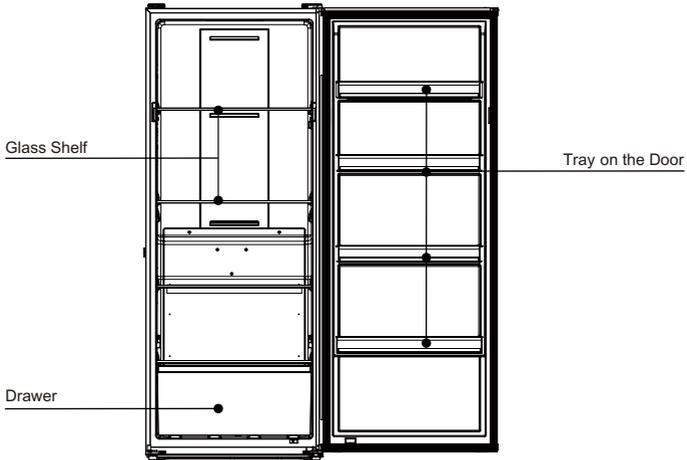
Please read the Operating Instructions carefully before operating the refrigerator and keep it properly

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# Component Names and Characteristics of Refrigerators

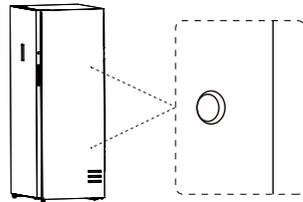
## Name of Each Component



Some features and accessories of the refrigerator you purchased may not be completely consistent with this legend, please refer to the packing list.



This is a process air vent, please don't block it during use.



## Product Features

- Intelligent frost-free refrigerator
- The internationally renowned compressor and latest frost-free technology are adopted to achieve energy conservation, efficiency and superior performance.
- Temperature control is intelligent and accurate to keep fresh for a longer time.  
The microcomputer control system is used to set and control the temperatures of refrigerating chamber and freezing chamber respectively, which makes the temperature adjustment more accurate and keeps fresh for a longer time.
- Extra large LED display, touch buttons  
LED display screen allows for one click switching between refrigerating chamber and freezing chamber, displaying the set temperature and functional status of the chamber selected. At the same time, touch buttons are adopted with fashionable and clear appearance and convenient operation.
- Quick refrigerating and Quick freezing function  
Quick refrigerating function drops the temperature of the refrigerating chamber to 2°C quickly, which makes the fresh-keeping effect better and makes it easier to have iced drinks; Quick freezing function can refrigerate the food in the freezing chamber to below -26°C in the shortest time, and keep fresh more scientifically.
- Alarm warning function  
This refrigerator is equipped with fault prompt and alarm function when the refrigeration door is not closed properly, which is convenient for users to use and maintain.

# Temperature Control Panel Operation

## Temperature Control Panel

### 1. Operation buttons

Button A... Temperature control "+" button

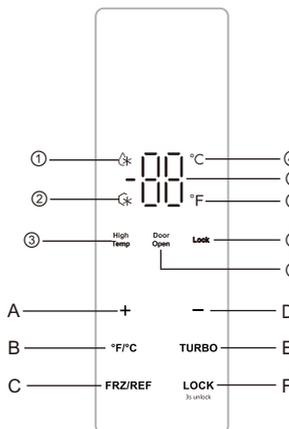
Button B... Temperature conversion button

Button C... Mode conversion button

Button D... Temperature control "+" button

Button E... Quick cooling/quick freezing button

Button F... Lock/Release button



### 2. Display screen

- ①... Quick Refrigerating mode
- ②... Quick Freezing mode
- ③... High temperature display
- ④... Celsius display
- ⑤... Temperature display
- ⑥... Fahrenheit display
- ⑦... Unlocking display
- ⑧... Door closing display

### 1. Display

When powered on for the first time, the full display lasts for 3 seconds, accompanied by a startup sound, and then enters normal operation display (the default temperatures set for refrigerating chamber, and freezing chamber are 5 °C/-18 °C(41°F/-0.4°F) respectively).

Display the set temperature of the refrigerating chamber when there is no malfunction.

Under normal circumstances, if there is no door opening action or button operation, the lock status will be displayed for 30 seconds, and then display screen will turn off;

When the display screen is off, if there is a button operation, the display screen will light up normally;

When a "fault code" occurs, the display screen will be lit up for 30 seconds, then turn off;

### 2. Lock and unlock

Under non lock status, long press **LOCK** (3s lock) for 3 seconds to enter the lock status, with a lock beep.

Under lock status, long press **LOCK** (3s unlock) for 3 seconds to enter the unlock status, with unlock beep.

If no button operation for 30 seconds, it automatically enters lock status.

The following functional operations can only be performed when it is unlocked.

If operated under lock status, **Lock** icon will flash for 3 seconds, with beep alarm.

### 3. Press **FRZ/REF** for 3 seconds to switch between refrigeration and freezing modes:

If temperature range is displayed as 2~8 °C(35.6°F~46.4°F), currently it is refrigerating mode,

If temperature range is displayed as -24~-16 °C(-11.2°F~3.2°F), currently it is freezing mode

### 4. Setting of the refrigerating chamber temperature and functions

Press **FRZ/REF** for 3 seconds, if the temperature range is displayed as 2~8 °C(35.6°F~46.4°F), currently it is refrigerating mode. Then press temperature adjustment "+" or "-" button to adjust the temperature of the refrigerating chamber. The setting takes effect after locked.

Press **TURBO** to set quick refrigerating mode, quick refrigerating icon will light up, and the refrigerating chamber is automatically set as 2 °C (35.6°F) quick refrigerating mode. Press mode button again to exit quick refrigerating mode, and refrigerating chamber will be reset to the original temperature before quick refrigerating mode. The setting takes effect when locked.

### 5. Setting of the freezing chamber

Press **FRZ/REF** for 3 seconds, if the temperature range is displayed as -24~-16 °C(-11.2°F~3.2°F), currently it is freezing mode. Then press temperature adjustment "+" or "-" button to adjust the temperature of the freezing chamber. The setting takes effect after locked.

# Temperature Control Panel Operation

Press **TURBO** to set quick freezing mode, quick freezing icon will light up, and the freezing chamber is automatically set as -26 °C(-14.8°F) quick freezing mode. Press mode button again to exit quick freezing mode, and freezing chamber will be reset to the original temperature before quick freezing mode. The setting takes effect when locked.

## 6. Temperature conversion

Press **°F/°C** for 3 seconds to convert between Fahrenheit and Celsius.

## 7. Display control function

After 60 seconds of operation, the backlight automatically goes out; When the backlight goes out, press any button to restore the backlight.

## 8. Power-off memory

When the power is cut off, the instantaneous working state of the power is locked, and after the power is supplied, it still works according to the setting before the power is cut off.

## 9. Door opening alarm

If the door of Refrigerating Chamber is not closed entirely or opened for more than 120 seconds, a beep alarm will be issued, and the alarm will stop after closing the door.

## 10. Fault prompt

When the following fault prompts appear on the display screen, the refrigerator is out of order. The refrigerator can still refrigerate when a part of it occurs faults, but it should be contacted for maintenance as soon as possible to realize the optimal operation of the refrigerator.

Prompt	E1	E2	E4
Fault	Refrigeration temperature sensor circuit	Freeze temperature sensor circuit	Freezing and defrosting sensor
Prompt	E5	E6	
Fault	Ambient temperature sensor	Communication circuit	

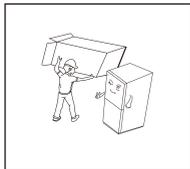
# Troubleshooting

For the following simple problems, you can try to solve them by yourself. If there is no improvement, please call the after-sales service department.

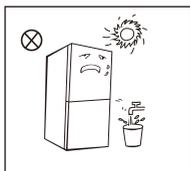
Problem point	Possible causes
The refrigerator doesn't work	Whether the power supply is connected and the plug is firmly plugged in Is the voltage too low
The refrigerator has an unpleasant odor	Smelly food should be tightly wrapped Check for food decay The inside of the refrigerator needs to be cleaned
The compressor works for a long time	It is a normal phenomenon that the refrigerator works for a long time in summer because the ambient temperature is high Too much food is put in at one time Cool the food before putting it in the refrigerator Open the refrigerator door too frequently
The refrigerator light is not on	Is the refrigerator powered on or the lighting lamp damaged The lighting lamp shall be replaced by a professional
The refrigerator door cannot be closed	The door is jammed with food packages so that it can not be closed Too much food is put in Skewed refrigerator
Noise	Whether the ground is flat and the refrigerator is placed steadily Are refrigerator accessories in normal position
The door seal has seams	Remove foreign matter from door seal Heat the door seal and restore it after air cooling (with a hair dryer or a hot towel)
Water pan overflows the water	Too much food storage or too much moisture in the refrigerator leads to a large amount of water during defrosting Improperly closed door and other reasons make the air enter and start frosting and the water produced by defrosting increases
Refrigerator shell heating	It is normal for the built-in condenser to dissipate heat inside through the shell The ambient temperature is too high, and there are too many foods or short downtime of compressor Causing the shell to heat up. Pay attention to ventilation and heat dissipation
Exterior condensation	When the ambient temperature is too high, there will be condensation phenomenon on the outer surface of the refrigerator and the surface of the door seal It is a normal phenomenon and can be wiped with a clean towel
There is an abnormal sound in the refrigerator	Buzz: When the compressor works, it will produce buzzing sound, and the sound is loud when starting or stopping, which is a normal phenomenon Squeak: It is a normal phenomenon that the refrigerant in electrical appliances will make a squeak when flowing

# Proper Use of Refrigerator

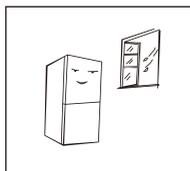
## Placing



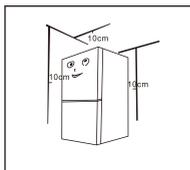
- Before using the refrigerator, remove all packaging materials, including the base cushion, foam cushion inside the refrigerator, adhesive tape, etc., and tear off the protective film on the door body and refrigerator.



- Keep away from heat sources and avoid direct sunlight. Do not place in damp or watery places to prevent rust or weaken insulation effect.
- Do not spray or wash the refrigerator with water, and do not place it in a place where it is damp and easy to splash water, so as not to affect the electrical insulation performance of refrigerator products.

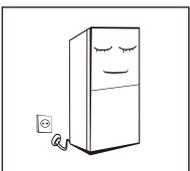


- Place the refrigerator in a well-ventilated place indoors, and the ground is flat and firm (if there is any instability, you can rotate the leveling foot to the left or right for leveling).



- This refrigerator is installed independently and cannot be used as an embedded device, otherwise it will lead to problems such as unable to fit into cabinets, reduced product performance and life, and unable to obtain the basic product warranty provided by the manufacturer.

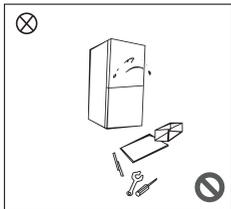
## Start



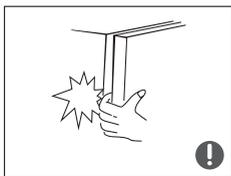
- For the transported products, please place them for more than 2 hours before turning on the power, otherwise it will lead to product performance degradation or damage.
- Before putting fresh or frozen food, let the refrigerator run for 2~3 hours; The ambient temperature is high in summer, thus the refrigerator should be fully operated for more than 4 hours first.
- In case of power cut or cleaning, the power plug should be unplugged and kept at least five minutes at intervals before the power supply can be turned on again, so as to prevent the compressor from being damaged due to continuous start-up.

# Proper Use of Refrigerator

## Notice for Use



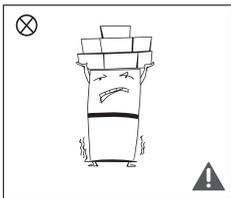
- It is strictly prohibited to dismantle or transform the refrigerator without permission, and it is prohibited to damage the refrigeration pipeline. The maintenance of the refrigerator must be carried out by professionals.
- If the power cord is damaged, it must be replaced by the relevant professionals of the seller or its maintenance department in order to avoid danger.



- The gaps between doors and between doors and refrigerator are very small. Be careful not to reach into these areas to avoid crushing your fingers. When opening and closing the refrigerator door, don't use too much force to avoid items falling.
- After the refrigerator starts to run, don't use wet hands to take food or containers in the Freezing Chamber, especially metal containers, so as to avoid frostbite.

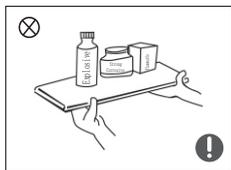


- Do not allow children to enter or climb the refrigerator, so as to avoid being sealed in the refrigerator products, which may lead to suffocation, or falling electrical products to hurt children.

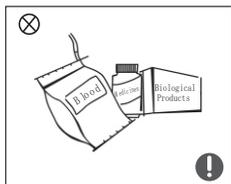


- Please do not place heavy objects on the top of the refrigerator. When closing the door, they are easy to fall and cause accidental damage.

## Matters Related to Placing Articles



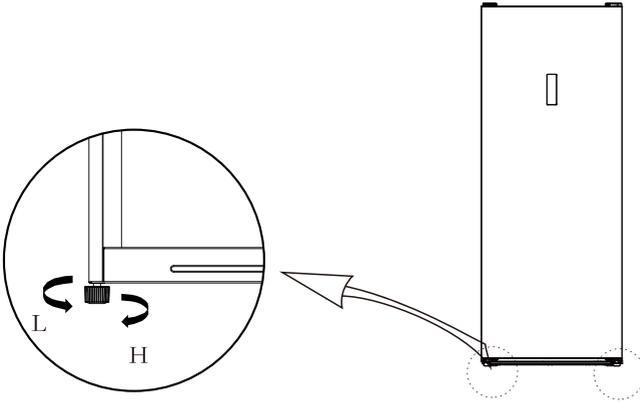
- Please do not put flammable, explosive, volatile and strong corrosive articles into electrical appliances, so as not to cause product damage or fire accidents.
- Please do not place or use combustible articles near the refrigerator to avoid fire.



- This refrigerator is a household refrigerator, which is only suitable for storing food, and cannot be used for other purposes, such as storing blood, medicines and biological products.

# Proper Use of Refrigerator

## Schematic Diagram of Leveling Foot



(The above pictures are for reference only, and the actual configuration is subject to the purchased physical objects or the seller's statement)

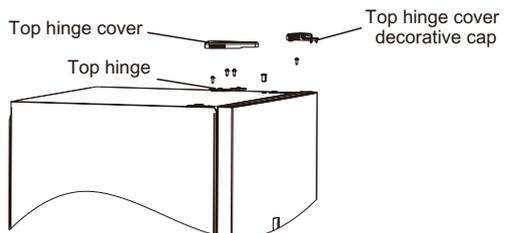
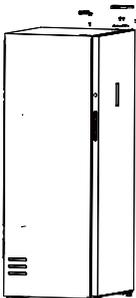
Adjustment steps:

- Rotate the bottom leveling foot clockwise to raise the refrigerator;
- Rotate the bottom leveling foot anticlockwise to lower the refrigerator;
- According to the above steps, the two leveling feet of the refrigerator can be adjusted to a horizontal height

## Left and Right Door Change

List of tools to be provided by users			
	Cross screwdriver		Putty knife
	Straight screwdriver		Straight screwdriver
	5/16" socket spanner		Masking paper tape

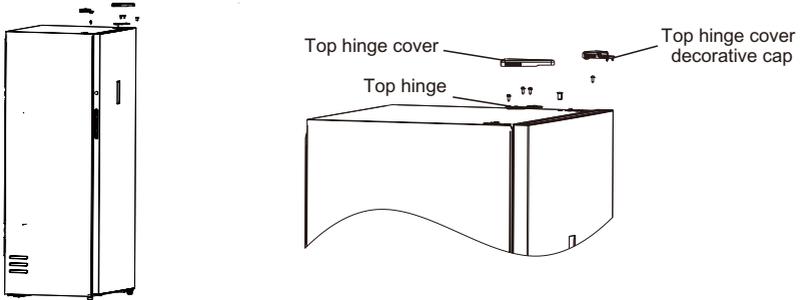
- Remove the top hinge cover, top hinge cover decorative cap, and top hinge of the refrigerator (be careful of door falling when disassembling).



# Proper Use of Refrigerator

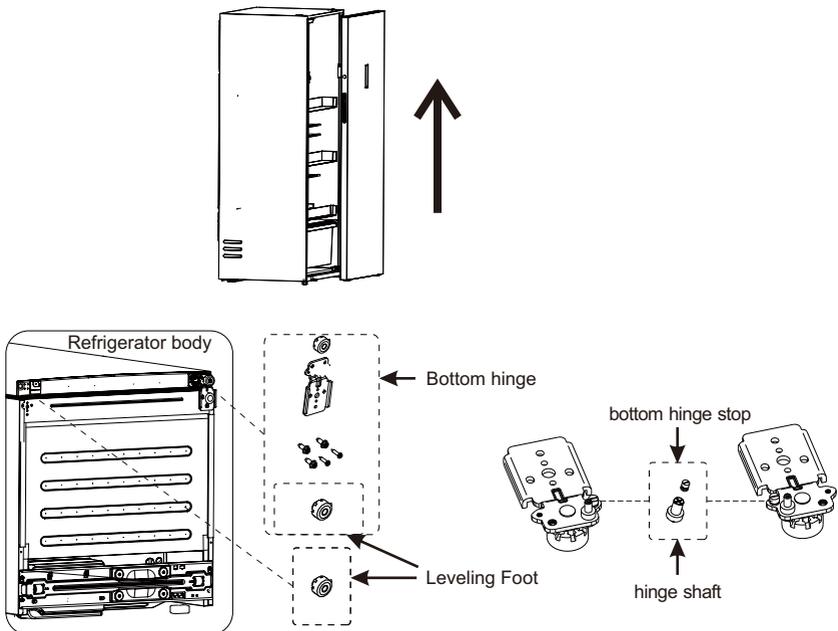
## Left and Right Door Change

1) Remove the top hinge cover, top hinge cover decorative cap, and top hinge of the refrigerator (be careful of door falling when disassembling).



2) ① Take out the door upwards (pay attention to protection and prevent scratches);

② Remove the stop and hinge shaft and install them on the other side of the bottom hinge (as shown in the figure), and install the modified bottom hinge on the left side of the refrigerator (the original position of leveling foot before removing); The leveling foot is installed on the right side of the refrigerator (the original position of bottom hinge before removing).

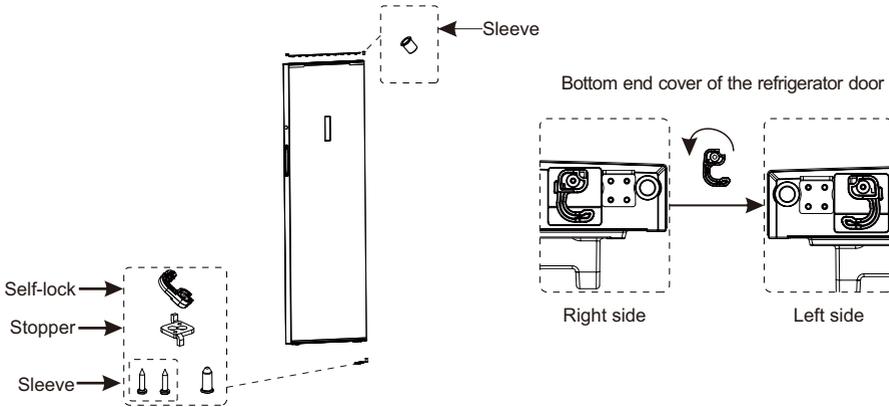


# Proper Use of Refrigerator

## Left and Right Door Change

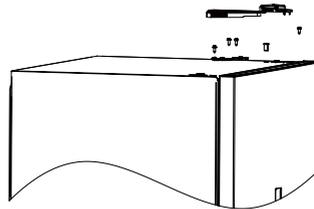
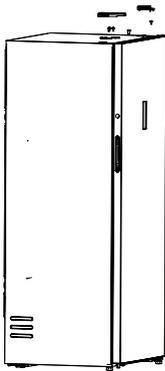
3)①Remove the door self-lock, door holder, and shaft sleeve on the right side of the lower end cap of the door;

②Install the removed door self-lock, door holder, and shaft sleeve to the left side of the lower end cap of the door;



4)①Combine the door body with the bottom hinge of the refrigerator; Install the shaft sleeve (changing the shaft sleeve in the upper right corner of the original door body to the left side) and the top hinge; Ensure that the top of the door is parallel to the top of the refrigerator, then tighten the screws previously removed;

②Finally, install the top hinge cover on the top hinge and install the top hinge cover decorative cap on the top right side of the refrigerator.



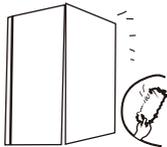
# Maintenance of Refrigerator



When cleaning and defrosting the refrigerator, please unplug the power plug first.

## Cleaning

- Please clean up the dust behind the refrigerator and on the ground on time to improve the heat dissipation effect and save energy.
- The inside of the refrigerator should be cleaned frequently to avoid an unpleasant odor. When cleaning, please use a soft towel or sponge, and dip it in clear water or non-corrosive neutral detergent, and finally wipe it with clear water and dry it with a dry rag. Open the door and dry it naturally before turning on the power supply.



When cleaning, do not use hard brushes, steel wire balls, steel wire brushes, abrasives (such as toothpaste), organic solvents (such as alcohol, acetone, lacquer thinner, etc.), boiled water, acid and alkaline articles to clean the refrigerator. This may damage the surface and liner of refrigerator.



Do not wash with water when cleaning, so as not to affect the electrical insulation performance. Please use a dry rag when cleaning electrical components such as lighting lamps.



## Defrosting

This refrigerator is a full air-cooled with automatic defrosting function without manual operation.

# Defrosting Interval Declaration

Ambient temperature	Defrosting interval	Time	Specific Conditions
32 °C	Minimum defrosting interval ( $\Delta t_{d-min}$ )	12h	Frequently used, the Freezing Chamber can not reach the set temperature
	Maximize defrosting interval ( $\Delta t_{d-max}$ )	96h	No door opening and closing action, and no special mode setting

# Safety Precautions



**Warning** :risk of fire / flammable materials

**FOR** EN standard: 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. Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

**FOR** IEC standard: 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.)

When children are present, they should be supervised to ensure that they do not play with this refrigerator.

If the power cord is damaged or the socket hole is loose, it must be replaced by the manufacturer, its service agent or similar institutions to avoid danger. Do not store explosive substances (such as aerosol tanks with flammable propellants) in the refrigerator.

The power plug of the equipment must be unplugged after use and before self cleaning of equipment.

LED lamp were used, it can only be replaced by the manufacturer or its service agent, together with a part of the appliance

- WARNING: Ensure there are no obstacles in the ventilation holes in the equipment shell or built-in structure.
- WARNING: Do not use mechanical devices or other means to speed up defrosting except the process recommended by the manufacturer.
- WARNING: Do not damage the pipes of the refrigerant circuit.
- WARNING: Do not connect the plug adapter or other accessories to the power plug.
- WARNING: Please dispose the refrigerator according to local regulations, because it uses flammable cyclopentane and refrigerant.
- WARNING: When positioning the equipment, make sure that the power cord is not clamped or damaged.
- WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- WARNING: Do not modify or extend the power cord.
- WARNING: The risk of trapping the children.
- WARNING: It is strictly prohibited to disassemble or modify the ice maker and its related components without authorization. To avoid danger, replacement must be carried out by the manufacturer, its service department, or qualified professionals.
- WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

Before disposing the old refrigerator:

- Remove the refrigerator doors.

- Put the bottle racks and doors in a proper place to prevent children from entering and playing to cause accidents.

To avoid food contamination, please abide by the following instructions:

- Please do not open the door for a long time, otherwise it will lead to leakage of cold air, causing the internal temperature of the refrigerator to rise and food to easily deteriorate.

- Store raw meat and fish in proper containers in the refrigerator so that they do not touch on other foods.

- If the refrigeration equipment is idle for a long time, please thaw, clean and dry the equipment before leaving, close the door and cut off the power to prevent mold in the container.

**The** instructions shall include the substance of the following: To avoid contamination of food, please respect the following instructions:

- 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. ( note 1 )

- 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. ( note 2 )

- One (★) -,two (★ ★) -and three-star (★ ★ ★) compartments are not suitable for the freezing of fresh food. ( note 3 )

- 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.

Note 1,2,3 : Please confirm whether it is applicable according to you product compartment type.

# Safety Precautions

This Instructions contain a lot of important safety information which shall be abode by.

## The Meanings of Safety Warning Symbols



This symbol indicates prohibited matters, and related behaviors must be prohibited. Failure to abide by instructions may lead to product damage or endanger the personal safety of users.

Prohibited  
Symbol



This symbol indicates the matters that must be observed, and related behaviors must be carried out strictly according to the requirements. Failure to abide by instructions may lead to product damage or endanger the personal safety of users.

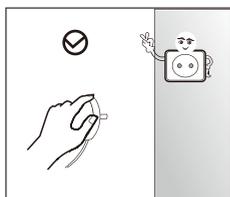
Warning  
Symbol



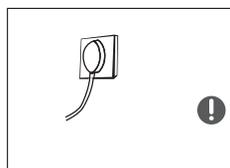
This symbol indicates the matters to be paid attention, and related behaviors need special attention. If left unguarded, it may cause mild or moderate injury or product damage.

Attention  
Symbol

## Matters Related to Electricity



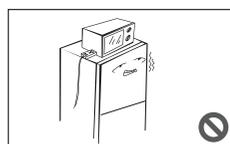
- Do not pull the power cord when unplugging the refrigerator. Be sure to hold the plug tightly and pull it out directly from the socket.
- To ensure safety, please do not damage the power cord at any time, and do not use it when the power cord is damaged or the plug is worn.



- Please use special power socket with the specified standard, which should not be shared with other electrical appliances.
- The power cord plug should be kept in firm contact with the socket, otherwise it may lead to fire. Please ensure that the grounding electrode of the socket should have a reliable grounding wire.



- When flammable gas such as coal gas leaks, the corresponding valve should be closed first, and then the doors and windows should be opened. At this time, do not pull out the plug of electrical devices to avoid fire caused by electric spark.

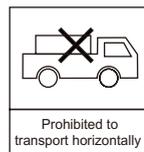
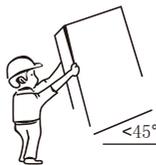


- To ensure safety, it is recommended not to place electrical appliances such as power sockets, voltage regulators, rice cookers and microwave ovens on the top of the refrigerator; Electrical appliances shall not be used in the food pantry of appliances except those recommended by the manufacturer.

# Safety Precautions

## When Stop Using It

- In case of a power-cut: The frequency of opening the door should be reduced as much as possible when power is cut off; Wine and beverages should not be put inside.
- When the refrigerator is not in use for a long time: The power supply should be unplugged to avoid electric shock or fire due to the aging power cord; Clean up the inside of the refrigerator; Open the refrigerator door for a period of time, and close it after the refrigerator is completely dry.
- When moving the refrigerator: Take out all the items in the refrigerator before moving it, fix the glass partition and vegetable and fruit box with adhesive tape, and tighten the leveling feet; Close the refrigerator door tightly and fix it with adhesive tape to prevent the door from opening when moving. Please do not place it upside down or horizontally while transporting and do not vibrate the refrigerator, and the inclination angle during handling should not be greater than 45 degrees. Do not grab the door or hinge while transporting.



Once the refrigerator is enabled, it is better to use it continuously. Under normal circumstances, don't stop using the refrigerator so as not to affect its service life.

## Matters Related to Disposal



The R600a refrigerant and cyclopentane foaming material used in this refrigerator are combustible materials, thus disposed refrigerators should be isolated from fire sources and cannot be burned. Please hand it over to a qualified professional recycling company for treatment. So as to avoid damage to the environment or causing other dangers.



When the refrigerator is disposed, please remove the refrigerator door, the door seal and shelf, and put them in a suitable place to prevent children from entering and playing to cause accidents.



Please do not use it in too cold (below  $5^{\circ}\text{C}$  (  $41^{\circ}\text{F}$  ) ) environment.

- Do not store explosives in appliances, such as combustion-supporting sprays;  
Except the way recommended by the manufacturer, mechanical equipment or other means shall not be used to accelerate the defrosting process;  
Do not damage the refrigeration circuit.
- This appliance is used for household and similar purposes, such as:
- Kitchen areas in shops, offices or other workplaces;
  - Customers of farms, hotels, motels and residential environment;
  - Family hotel environment;
  - The application in catering industry and similar non-retail industry;

## Product Information

Factory Model	ASB-BD-482W
Voltage	115V
Rated Current	1.4A
Frequency	60Hz
Refrigerant Type	R600a,82g

## Important Note



The refrigerant and cyclopentane foam materials used in this equipment are flammable. Therefore, when equipment is abandoned, it should be kept away from any fire source and treated by a qualified special recycling company instead of combustion treatment to prevent damage to the environment or any other harm. w, clean and dry the equipment before leaving, close the door and cut off the power to prevent mold in the container.