

Safety Precautions & Warnings

As with any electrical appliance, basic safety precautions must be followed in order to reduce the risk of fire, electrical shock and/or injury to persons or property. Be sure to read all instructions before using this appliance and observe the following safety tips:



1. The refrigerant of this product is a flammable refrigerant, and the maintenance process must pay attention to the source of the fire and keep the room ventilated. Please do not use flammable items near the machine to avoid fire.
2. After unpack, DO NOT turn on the ice maker, waiting 24 hours to stabilize the refrigerant inside the ice maker before the first time using.
3. There should be no obstacles around the machine and keep the ventilation unobstructed.
4. Do not use any machinery or other means to accelerate the defrosting process other than that recommended by the manufacturer.
5. Do not damage the refrigeration circuit of the machine.
6. The insulation material is EPS, which is flammable. Please keep it away from fire sources and prohibit burning. It is recommended to ask professionals to dispose of it.
7. Do not store explosives, such as flammable aerosols, in the appliance.
8. Fill with potable water only. Because air impurities are easily soluble in water, these air impurities are harmless, but it is recommended that we perform self-cleaning before each use of the ice maker.
9. The refrigeration system contains refrigerant under high pressure, the refrigeration system must not be damaged, and the maintenance of the refrigeration system should be carried out by professionals.
10. 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.
11. This appliance is intended for household and similar purposes: e.g.:
 - kitchen areas of shops, offices or other workplaces;
 - customers of farms as well as hotels, motels and residential environments;
 - family hotel environment;
 - Catering and similar non-retail applications.
12. Carefully handling, moving, and use of the ice maker to avoid either damaging the refrigerant tubing, or increasing the risk of a leak.
13. Component parts shall be replaced with like components and that servicing shall be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.
14. This ice maker is to be installed in accordance with the Safety Standard for Refrigeration Systems, ASHRAE 15. In addition, the ice maker shall not be installed in corridors or hallways of public buildings.

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Important safety tips

Your personal safety and the safety of others are the most important.

We have prepared many safety tips related to this machine for you.

Be sure to read and follow these tips.

This is a safety warning symbol 

All safety warnings will follow this symbol or words such as "Danger" and "Warning".

If you do not follow these safety instructions, you may suffer seriously injury.

All safety tips describe potential hazards, tell you how to avoid of injury, and what will happen if you do not follow the safety tips.



Danger&Warning

When using household appliances, basic safety regulations must be followed to reduce the risk of fire, electric shock, and injury to people or objects. Please read the following safety tips carefully before using the appliance.

- Do not use and operate the machine when the power cord is damaged.
- Use the correct power socket, and ensure that the power plug is fully inserted into the socket.
- When in use, please do not put the power cord on the carpet or heat-insulating objects, and do not cover the power cord. The power cord should leave the walking channel and do not immerse in water.
- We do not advocate the use of extension cords, which may cause overheating or fire, if you must use, please use an extension cord of at least 1.5 square meters.
- Please cut off the power before cleaning or maintenance.
- When there are children near by, it must be used with adult supervision.
- Please do not clean the ice machine with flammable liquids, which may cause fire or explosion.
- Please do not overturn the ice machine. If overturned, put the machine forward for 2 hours before turning it on.
- If you move the ice machine from outdoors to indoors in winter, please wait a few hours for the temperature of the ice machine to rise to the same temperature as the room before turning on the power.



Danger

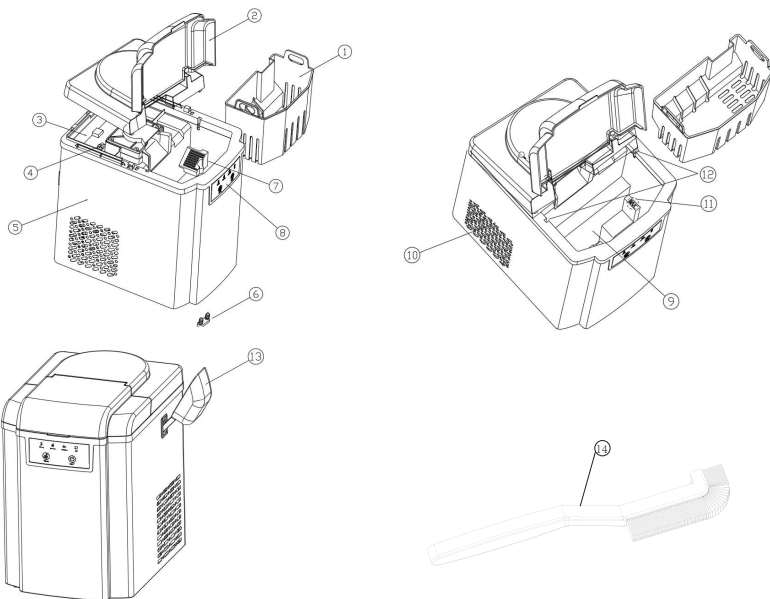
***Incorrect use of grounding wires may cause risk of electric shock. If the power cord is damaged, please contact the after-sales service department.**

1. For your safety, the ice maker must be reliably grounded.
2. This machine requires a standard 110-120V~/60Hz/10A grounded power supply.
3. Before use, please press the drain plug tightly, otherwise it will lead to water leakage.

Parts list

- ① Ice basket
- ② Upper cover
- ③ Small water tank for evaporator
- ④ Liquid level switch
- ⑤ Stainless steel housing
- ⑥ Drain plug: To drain the water in the tank.
- ⑦ Filter
- ⑧ Control panel
- ⑨ Main water tank
- ⑩ Air outlet net: To ensure smooth air outlet, it should be at least 15cm away from the object.
- ⑪ "MAX" line

- ⑫ Infrared ice-full switch sensor
- ⑬ Ice scoop:used for serving the ice. Put the ice scoop back in place when not in use.
- ⑭ cleaning brush



Care & Cleaning

Before using this ice maker, it is strongly recommended that you thoroughly clean the entire machine.

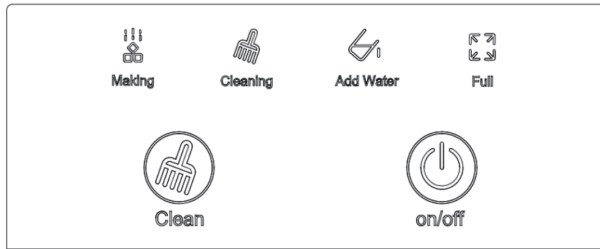
1. Open the lid, remove the ice basket and wash it in warm water.
2. Open the drain plug, wipe the water container with diluted detergent, warm water, and a soft cloth.
3. The exterior of the machine should be regularly wiped with diluted detergent and warm water.
4. Use another clean soft cloth to dry the water container.
5. Close the drain plug after emptying the water from the tank.

When the machine is not be used for a long time, the water in the water tank should be drained and wiped dry.

Operating instruction

Before use

1. Remove all internal and external packaging. Check for ice basket and ice spoon. If any accessories are missing, please contact customer service department.
2. Place the ice maker away from direct sunlight and away from heat sources and radiation. Place the ice maker horizontally and ensure that there is at least 15cm on both sides and rear.
3. The location where the ice maker is placed should have a suitable outlet for power.



CONTROL PANEL



Making

: "Making" indicator. 1) Flashes when standby mode. 2) The light lit on when ice making mode.



Cleaning

: "Cleaning" indicator. The light lit on when self-cleaning mode.



Add Water

: "Add water" indicator. The light lit on when lack of water. Add water when it lit on. Wait for 5 minutes, the machine will resume making ice.



Full

: "Full" indicator. The light lit on when the ice is full in the ice basket. Remove the ice to restart making ice. It takes 3 minutes for the compressor to re-start work.



Clean

: Self-cleaning button. Press a single time to start self-cleaning. Press again to stop cleaning.



on/off

: ON-OFF button. Press a single time to start making ice. Press and hold for 3 seconds to stop making ice.

Self-cleaning function

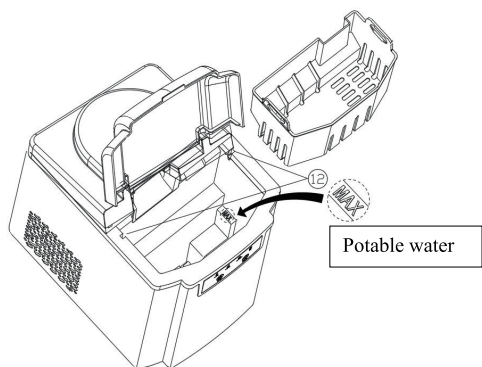
It is recommended to clean the machine for the first time or it is long time not being used.

1. Check drain plug at the bottom, ensure it is closed well.
 2. Open the front lid, remove the ice basket, and pour water into the tank. Make sure it does not surpass the maximum water level. Place the ice basket back into the unit and close the lid.
 3. Plug on the power cord. "Making" indicator will flash. Press "Clean" button for one time, the machine start to make self-cleaning. It will last 5 minutes.
 4. During the self-cleaning process, please do not move the unit to ensure its normal cleaning
- After cleaning, please wait for 5 seconds and then remove the drain plug until the water is drained, (Try not to lean back and lift)
If necessary, please slowly lift the upper cover up to the buckle position without damaging the machine. After removing the upper cover, you can clean the upper water tank with a brush or soft cloth.

NOTE: To maintain the integrity of your ice maker, run the self-cleaning process before each new use. Clean the interior and exterior frequently to remove any built-up debris or dust particles from storage.

Making ice

1. Make sure the drain plug is closed. Open the upper cover, remove the ice basket and add water to the main water tank, keep the water level below "MAX" line (around 1.5L).



2. Put back the ice basket and close the upper cover.
3. Plug on the power cord. "Making" indicator will flash. Press "ON/OFF" button for one time, the machine start to making ice; Press "ON/OFF" button for 3 seconds to enter into standby mode.
4. It is recommended to throw away the ice cubes for the first hour, if it is the first time using the machine or it has been a long time not being used.
5. The machine will automatically stops if it is lack of water, "Add Water" indicator will light on. After re-filled the water, please re-start the machine to making ice. Or wait for 5 minutes, the machine will resume making ice. It takes 3 minutes for the compressor to re-start work.
6. If the ice basket is full, the machine will automatically stops and "Full" indicator will light on; Make the ice cube position lower than the infrared detection position, the machine will restart. It takes 3 minutes for the compressor to re-start work.
7. The machine will pause making ice for 5 minutes every one hour, to ensure the machine working efficiently.
8. It is recommended to change the water every 24 hours to keep the water clean. If the ice maker is not used for a long time, please drain the water in the water tank

Troubleshooting

Symptoms	Possible Causes	Solution
"Add water" indicator is on	Lack of water	Stop ice making or self-cleaning, add water, press the "ON/OFF" or "Cleaning" button to restart ice making
"Full" indicator is on	Too many ice cubes in the ice basket	Remove the ice from the ice basket
	The ice full sensor is dirty.	Clean the sensor.
Water Leak	The drain plug is not closed.	Close the drain plug.
	Other factors.	Contact after-sales service person
The ice making cycle is slow or no ice is made	Ambient temperature or water temperature is too high	Please make ice when the ambient temperature is below 90°F, and water temperature should be between 46°F to 90°F.
	2.Refrigeration system leaks	2.Contact after-sales service person
	3.Refrigeration system clogged	3.Contact after-sales service person

Technical Parameters and Schematic Diagram

Technical Parameters

Model No.	BS-301B
Climate type	SN/N/ST
Security level	I
Power supply	110V-120V~ 60Hz
Max current	1.5A
Max power	115W
Refrigerant/liquid addition	R600a/16g
Vesicant	C ₅ H ₁₂
Insulation layer	EPS
Housing	Stainless steel
Product size(WXDXH)	8.86*11.85*13.22in
G.W./N.W.	20.77/18.96lb

Electrical Schematic Diagram

