

COMMERCIAL ICE MAKER



INSTRUCTION MANUAL

It is important that you read these instructions before using your commercial ice maker and we strongly recommend that you keep them in a safe place for future reference.

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RECEPTION AND INSPECTION

Thank you for selecting our company's automatic ice maker. In order to protect your legitimate rights and interests, please pay attention to the following things when receiving and checking the machine:

1. The outer packing of the machine is intact.
2. Machine's model is consistent with your purchased.
3. The appearance of the machine is in good condition.
4. The attached parts are complete.
5. The internal components of the machine are in good condition.

IMPORTANT SAFETY TIPS

WARNING: 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.

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.

WARNING: The illuminating LED lamp can not be replaced by the user, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

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

Your personal safety and 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 security warning sign



All security alerts follow the words "danger" and "warning".

If you do not comply with these safety tips, you may be seriously injured.

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

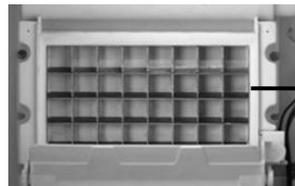


DANGER



WARNING

If the ice maker is using or making ice, please do not touch the evaporator, which may freeze your skin.



evaporator

Before using electrical appliances, basic safety rules must be observed to reduce fire, electric shock and damage to people or material. Please read the safety tips carefully before using this appliance.

- When the power cord is damaged, do not use and operate the machine.
- use the correct power outlet and ensure that the power plug is completely inserted into the socket.
- Please do not put the power line on the carpet or heat insulation, do not cover the power line, the power line should leave the walking channel, and do not immerse into the water.
- It is not recommended to use the power extension cord. This may result in overheating or fire. If you must use it, use at least 1.5 square extension line.
- Please cut off the power supply before cleaning or repairing.
- When children are nearby, they must be supervised.
- Please do not use flammable liquids to clean the ice maker. This may cause fire or explosion.
- Please do not overturn the ice maker. If there is any overturn, the machine will be placed for **2** hours before starting.

In winter, if the ice maker is moved indoors from outside, wait for a few hours before power up, so that the temperature of the ice maker rises to the same temperature as

that of the room.

Warning: keep ventilation free around the appliance. Do not use it in the embedded structure.

Warning: in addition to the manufacturer's recommended method, no mechanical or other means should be used to accelerate the defrosting process.

Warning: no damage to the refrigeration circuit.

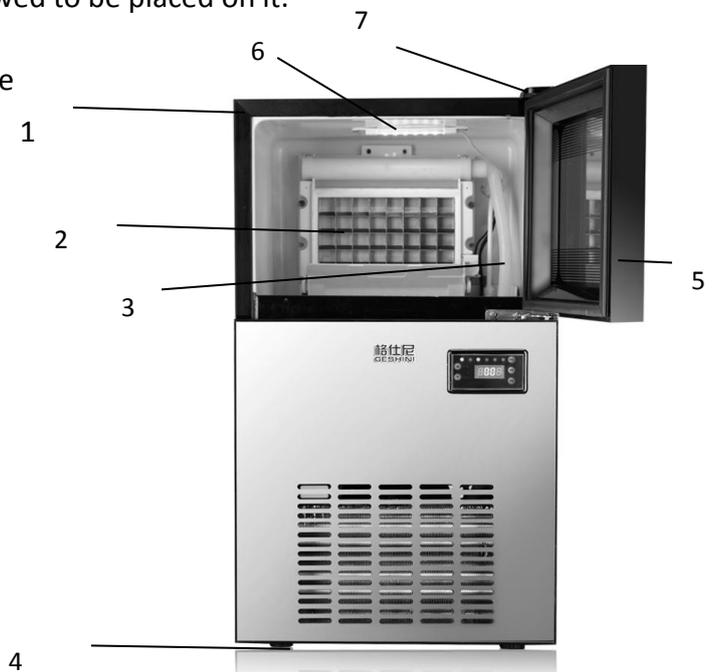
Warning: please do not use other liquids to make ice except drinking water.

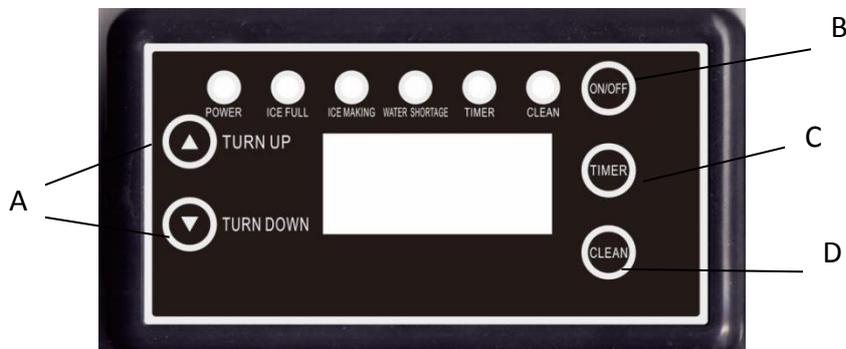
Warning: Except for the type recommended by the manufacturer, electrical appliances should not be used in the food storage room of utensils. Explosives, such as combustion-supporting sprays, should not be stored in appliances. This product is suitable for milk tea shops, bars and KTV.

APRELIMINARY UNDERSTANDING OF YOUR ICE MAKER

GZN-Z8-1

- 1.Box shell: No other articles are allowed to be placed on it.
2. Evaporator
- 3.water pipe: no deformation, breakage
4. base foot: adjustable evenness.
5. door
6. Light: bactericidal effect
7. Base foot



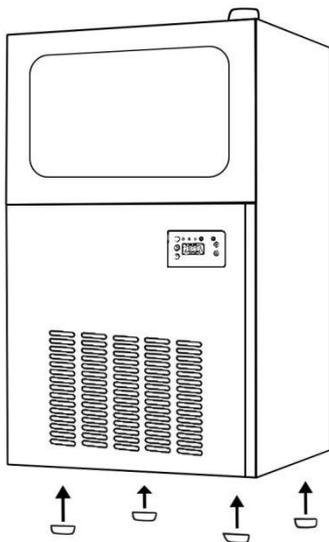


8. control panel:

- A.regulates ice making time
- B. open key
- C .timing
- D. cleaning

INSTALLATION AND PLACEMENT OF SOLES

Foot Installation And Foot Placement



1. Screw the feet of the ice maker to the baseplate.
2. Each foot must be screwed up and tightened so as not to bend.
3. Put the ice maker in a sturdy and flat position.
- 4.Adjust the height of the foot to make the ice maker level.
5. ice making machine should not be installed in the environment without sewer and water seepage, and it is strictly prohibited from high temperature equipment.

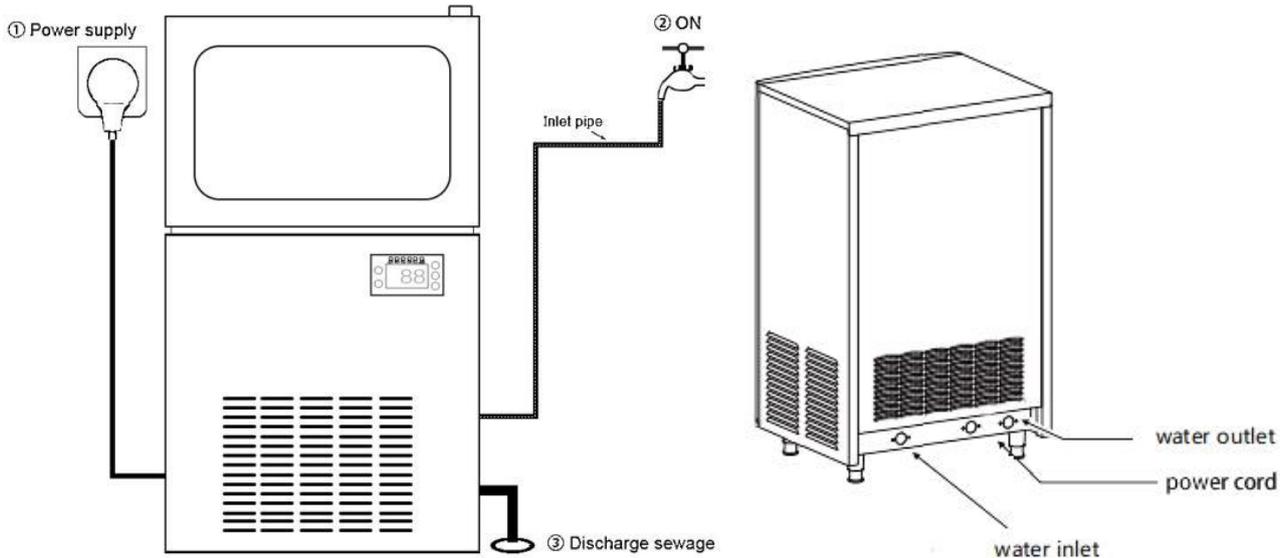
6. air-cooled ice making machines (such as refrigerators, ovens, etc.) rely on air circulation to dissipate heat. So it is necessary to keep the space above 30cm to benefit the heat dissipation.

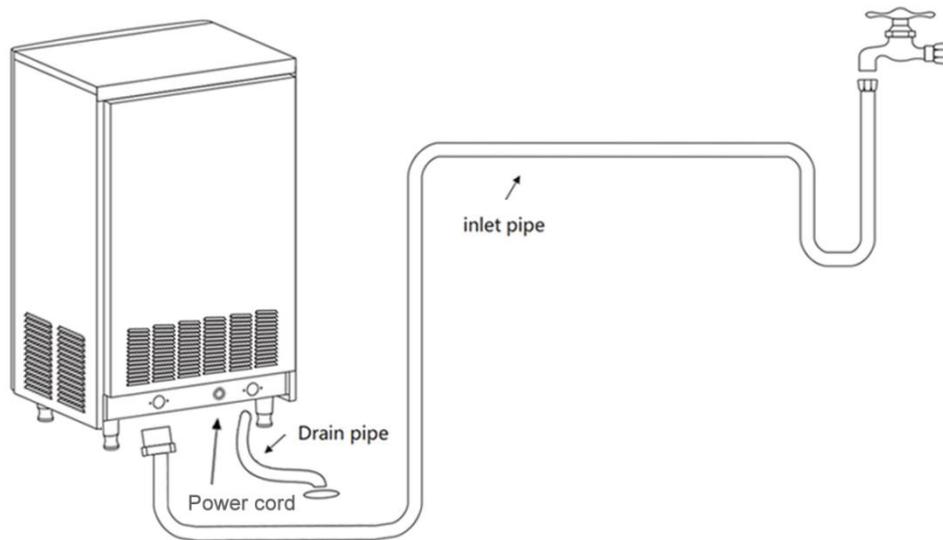
7.please do not put anything in front of the machine, block the vent.

INSTALLATION OF WATER SUPPLY AND DRAINAGE

Warning: Only drinking water can be connected. New hose assemblies attached to the appliances must be used. Old hose assemblies cannot be reused. Water supply pressure should be 0.1-0.8 MPa if the pressure is greater than 0.8 MPa, need to connect a pressure relief valve from the dry through the water of self-weight drainage, so the drainage pipe should be adequate height or drop.

- A、 Connect the right-angle joint of the external intake pipe to the G3/4 head of the rear cover plate. Make sure that the rubber seals are in the correct position and hang the joint by hand to ensure no leakage.
- B、 connects the other end of the external water inlet pipe to the tap.
- C、 drain pipe should be connected to the outlet of the room, while ensuring that the drain of the machine is high enough to drain the room.





CLEANING AND MAINTENANCE

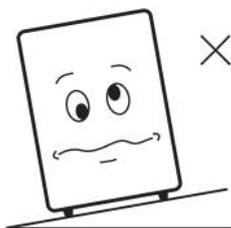
Note: Before any cleaning or maintenance steps, please unplug the power plug and do not use the wine tip and other highly corrosive wipers to clean the ice maker. This may cause cracking of plastic parts.

1. Peripheral: Use a clean, soft cloth to wipe the periphery of the ice maker. At least once a week. Use a wet cloth with a neutral cleaner to remove grease or other impurities.
2. Ice-spoon cleaning: dip the ice-spoon into neutral detergent and water Nirvana compound for at least 3 minutes, then rinse it with clean water and shake it dry.
3. Refrigerator cleaning: Open the ice door, remove all the ice, clean the inner wall of the refrigerator with neutral detergent, and then rinse with clean water.
4. Pump cleaning: take off the hose, take out the pump, take off the front cover. After rotating the inner cover counterclockwise, you can take off the inner cover. Clean the pump fan blade with a brush. It is recommended to wash once a week.

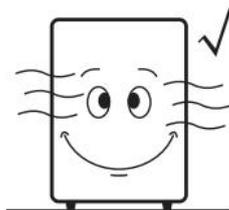
Warning: Cyclopentane is used in insulating and insulating materials of ice maker, and properly disposed of when discarded, such as sent to a qualified recycling company for disposal, should not be incinerated.

CONVENTIONAL PRECAUTIONS

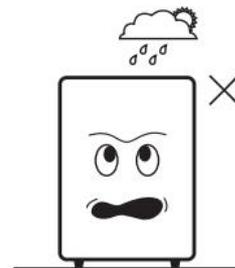
1. When transportation and mobile location, the ice machine tilt shall not exceed 45 degrees.
2. Ice machine, please use independent water source, and check regularly to prevent water pressure is too low, fluctuations or filter clogging.
2. Do not store any sundries in the ice storage room, or freeze any food in the ice storage room and keep the ice shovel clean.
3. Switch the ice storage bucket plastic door, should be light open and light closed, don't beat box door, after taking the ice, please turn off the sliding door of the ice storage bucket.
4. Ice machine should be far away from the heat source. It is strictly prohibited to use in high temperature or low temperature environment. It is necessary to avoid direct sunlight in order to avoid affecting the heat dissipation of the machine.
5. It is forbidden to wash the surface of ice machine directly with water, otherwise it may lead to short circuit, leakage and other faults.
7. After the ice machine is used for a period of time, if it is stopped for a long time, it should be electrified every two months for four to six hours.



Place smoothly



Ventilate well



Avoid exposing to the sun and rain

ELECTRICAL SAFETY MATTERS

Warning: the machine must be grounded.

A、 must have a power or socket that can provide 115V-/60Hz, and the power supply or the socket must be reliably grounded.

B、 The rated current of the B and electric box is 3.8A. If it is to be replaced, it must be completed by professionals.

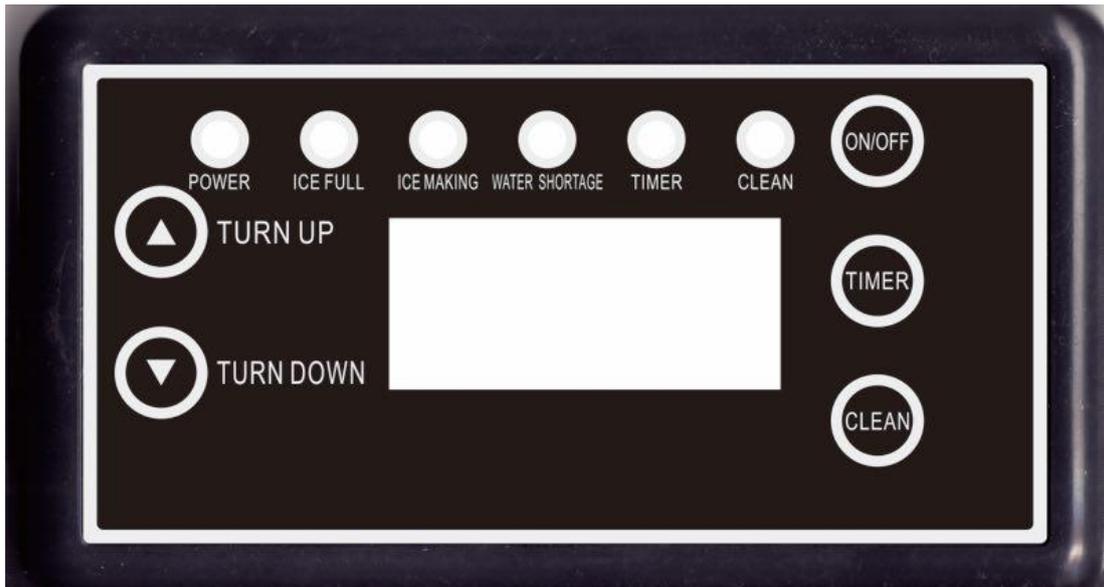
C、 if the power supply or plug needs to be replaced, it must be completed by professional after-sales service personnel.

CONTROL PANEL OPERATING MANUAL

General description : This is a fully automatic ice making machine, all programs of the control panel have been set up in the factory. Usually, the user just need to do some simple operation. Please place the machine in the appropriate location and connect to power supplies.

Then the control panel will light up, the machine will run automatically, the user need no any other operation. If you want to stop the machine, just close the ON/OFF switch.

Note: Unplug the power supplies after finishing the day's work .



OPERATION STEPS OF ICE MAKER

1. Open / key:

In standby state, the power lamp flickers, press the "on/off" button, the machine enters the ice making mode, the "ice making" lamp and the "power supply" lamp are long on; press the "on/off" button when the machine is running, the machine stops running and enters the standby state.

2. Timer

Press the "Timing" button, the "Timing" lamp will be on, and the "01H" will appear on the display screen, indicating that the machine will shut down automatically after an hour. The reservation time can be adjusted by "adjusting ten/adjusting one". After the setting is completed, the "Timing" lamp will be on. The state is the same. Boot-up time is reserved for shutdown time, standby time is reserved for boot-up time.

3. Turn up/Turn down:

By "turn up/turn down", the ice making time is controlled and the ice thickness is controlled. Press "turn up/turn down" and the number will flicker on the display

screen. The digital display range is "-9 — 15". The smaller the number, the shorter the ice making time, the thinner the ice. The bigger the number, the longer the ice making time, the thicker the ice. It should be adjusted according to the size of the ice. Ice is too thin or too thick, which is not conducive to deicing.

4. De-icing Procedure

In the de-icing procedure, ice will be heated, ice and ice grid will be the connection will be melted, when the ice due to weight and can not be attached to the ice grid, it will fall off, complete a de-icing process.

When the ice falls, the water plate will be turned over, and then the water retaining plate will be reset due to the dead weight, and then the machine starts to make ice again. When the ice bucket is too much ice, the ice block can not be reset, and the control chip is judged to be full of ice and temporarily shut down until the water retaining plate is reset.

5. Clean :

In boot state, press the "clean" button, the machine immediately into the deicing state (It can be used when ice cannot be removed.); in standby state, press the "timing" button for 3 seconds not put (timing lights are not on), the machine "clean" light while the machine into the "clean" state.

6. Display Panel:

In working condition, the display panel shows the ambient temperature, and the display panel digitally flashes the countdown time (minutes) for ice making.

Recommendation: use water that can be directly drunk.

7. Ice Full

When the ice is full, the baffle is pressed, and the machine shows that the ice is full. Rebooting requires taking out the ice and tapping the baffle, or waiting for three minutes.

TROUBLESHOOTING

1) Do not make ice

Problem	Inspection Project	Possible Reasons	Solution
The ice maker is not running	Power switch	In the closed position	Press "open key".
	Power cord	No connection socket	Plug in a socket
	Control panel fuse	Fusing or damaging	Check and replace
	Storage of refrigerators	Ice full ice blocks the evaporator swing blade.	Remove the ice or remove the ice from the evaporator.
		If there is no such case, proximity switch fault.	Replace proximity switch
	Power supply	No electricity or voltage is too low.	Contact the power supply department
	Water supply faucet	No water or low water pressure.	Increase water pressure
Inlet valve	Filter clogged or inlet valve bad.	Clean filter screen or follow change valve.	
The compressor doesn't work or stop suddenly	Power supply	Low voltage	Contact the power supply department
	Air inlet	Air intake is blocked.	At least 15cm distance between left and right sides.
	condenser	Overabundance of ash	Cleaning condenser
	refrigeration system	Leakage of refrigeration system	Contact after-sales service personnel
Water keeps on adding water	Compressor	The connecting line is broken or dropped.	Contact after-sales service personnel
	Inlet valve	Internal leakage of inlet valve	Replacement of inlet valve
Water leakage	Water level sensor	Water level detection insensitive	Contact after-sales service personnel
	Water intake	Loosening or installation is not in place.	Tighten or reinstall
	Intake pipe or drain pipe	Rupture leads to water leakage.	replace

2) Low ice production

Problem	Inspection Project	Possible Reasons	Solution
Ice making time is too long.	Water pressure of water supply	The water pressure is too low, and the water supply time is long.	Increase water pressure
	water temperature	High water temperature	Water temperature reduction
	ambient temperature	The ambient temperature is too high or too low.	Suitable temperature setting
	Cryogen	Refrigerant leakage	Contact after-sales service personnel
	Inlet valve	Leakage makes cooling time longer.	Replacement of inlet valve
No ice or thin ice.	condenser	Too much ash accumulation in condenser results in bad inlet air, high condensation temperature and long ice making time.	Cleaning condenser
	Filter screen	The blockage of the filter leads to poor water flow.	Cleaning or replacing filter screen
	Water pump	Poor water flow due to pump failure	Change the water pump
	ambient temperature	The ambient temperature is too high.	Put it in a slightly lower temperature.
	Air inlet	Poor intake air leads to high condensation temperature and long ice making time.	At least 15cm space left and rear.

TECHNICAL PARAMETER

Model	GSN-Z8-1
Rated Voltage	115V
Rated Frequency	60Hz
Refrigerant	R134a/0.23 lbs
Rated Current	3.8A
Vesicant	C5H10
Net Weight	50.7 lbs
Product Dimension	16.9*15.7*28(inches)

