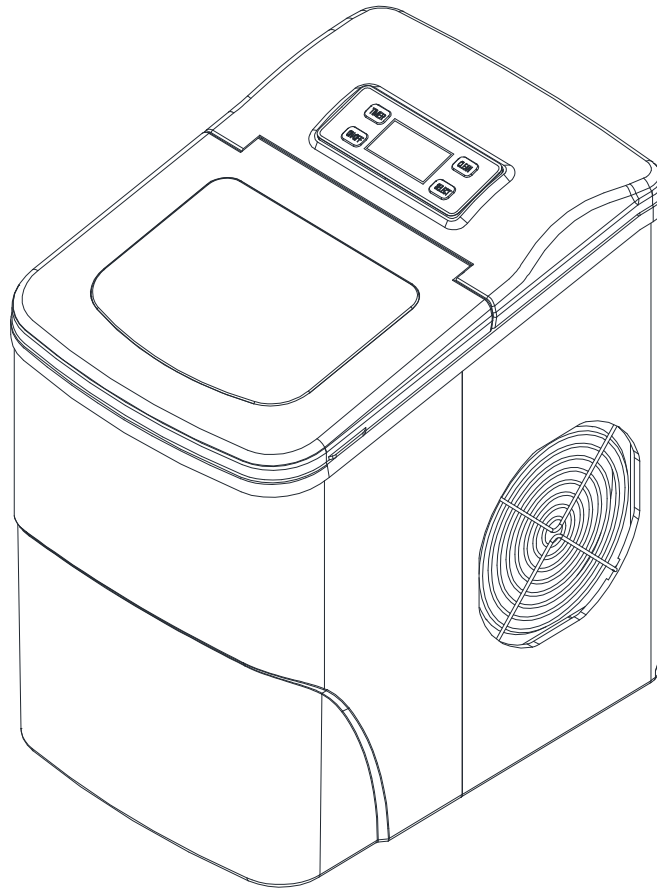


PORTABLE AUTOMATIC ICE MAKER



HZB-12/B

INSTRUCTION MANUAL

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

TABLE OF CONTENTS

IMPORTANT SAFETY INSTRUCTIONS	2
PREPARING YOUR ICE MAKER FOR USE	
IMPORTANT SAFETY TIPS.....	3
GETTING TO KNOW YOUR UNIT	5
OPERATING PROCEDURES & MAINTENANCE	
UNPACKING YOUR ICE MAKER.....	6
CONNECTING YOUR ICE MAKER.....	6
CLEANING AND MAINTAINING YOUR ICE MAKER.....	6
USING YOUR ICE MAKER	7
TROUBLESHOOTING.....	10
TECHNICAL PARAMETERS & CIRCUIT DIAGRAM	11
EXPLOSIVE DRAWINGS	12

IMPORTANT SAFETY INSTRUCTIONS

Your safety and the safety of others are very important.

We have provided many important safety messages manual and your appliance.
Always read and obey all safety messages.

This is the safety alert symbol:



All safety messages will follow the safety alert symbol and the word “DANGER” or “WARNING”.

 **DANGER**

 **WARNING**

These words mean:

You can be killed or seriously injured if you don't immediate follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

PREPARING YOUR ICE MAKER FOR USE

When using electrical appliances, basic safety precautions should be followed to reduce the risk of fire, electric shock, and injury to persons or property. Read all instructions before using any appliance.

- 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.
- Do not operate this, or any other appliance with a damaged cord.
If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
This ice-maker must be positioned so that the plug is accessible .
Connect to properly polarized outlets only. No other appliance should be plugged into the same outlet. Be sure that the plug is fully inserted into the receptacle.

- Do not run the power cord over carpeting or other heat insulators. Do not cover the cord. Keep cord away from traffic areas, and do not submerge in water.
- We do not recommend the use of an extension cord, as it may overheat and become a risk of fire. If you must use an extension cord, use No. 0.75mm² minimum size and rated no less than 16A/250V~ with a plug.
- Unplug the ice maker before cleaning or making any repairs or servicing.
- Exercise caution and use reasonable supervision when appliance is used near children.
- Do not use your ice-maker outdoors. Place the ice-maker away from direct sunlight and make sure that there is at least 4 inches of space between the back of your unit and wall. Keep a minimum distance of 4 inches on each side of your unit free.
- Do not use other liquid to make the ice-cube other than water.
- Do not clean your ice maker with flammable fluids. The fumes can create a fire hazard or explosion.
- Do not tip over.
- If the ice maker is brought in from outside in wintertime, give it a few hours to warm up to room temperature before plugging it in.
- 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.
- This appliance must be earthed.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- 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.



- **Warning: Risk of fire/flammable materials used.** Please according to local regulations regarding disposal of the appliance for its flammable blowing gas.
- **WARNING:** Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

- **WARNING:** Do not damage the refrigerant circuit.
- **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process or ice harvesting process, other than those recommended by the manufacturer.
- **WARNING:** Do not use other type of electrical appliances inside the ice-maker.

WARNING: This appliance must be earthed.

IMPORTANT:

The wires in this mains lead are colored in accordance with the following code:

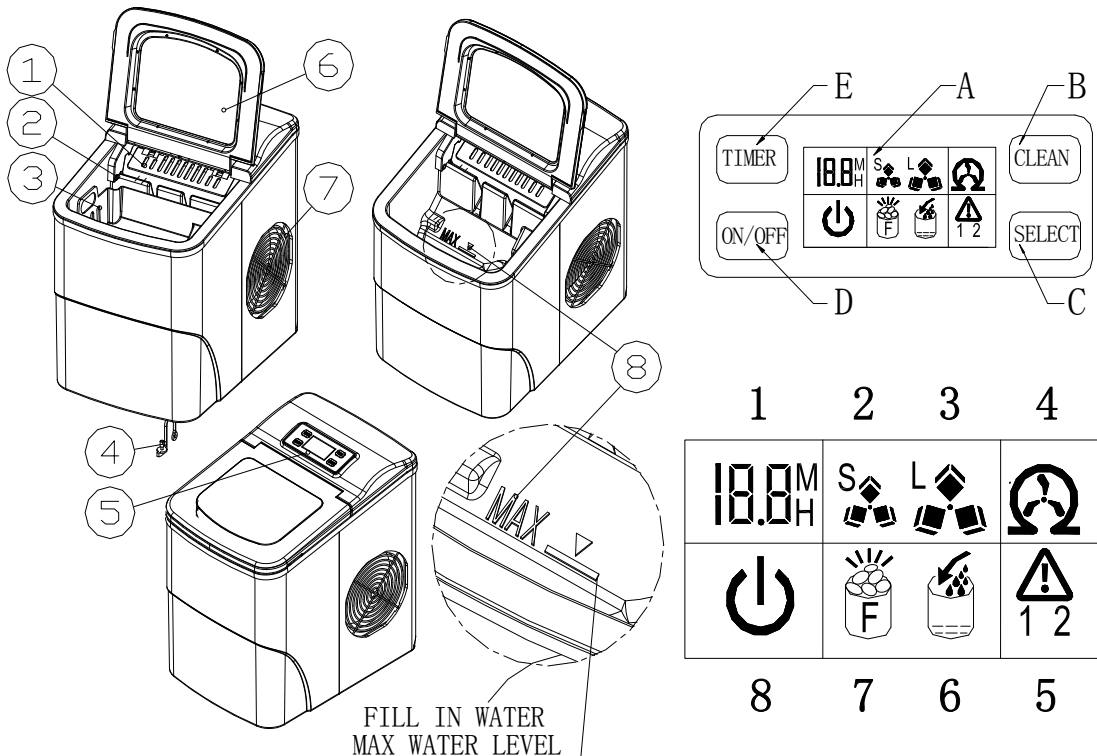
Green or Green with a strip yellow:	Grounding
Blue:	Neutral
Brown:	Live

To avoid a hazard due to instability of the appliance, it must be placed at an even or flat surface.

GETTING TO KNOW YOUR UNIT

General instruction

1. Ice scoop.
2. Ice full sensor
3. Ice basket
4. Water drain cap: at front btm side of the unit.
5. Control panel
 - A. LCD display window
 - 1.Timer delay time display.
 2. Ice-cube size displaying: Small size.
 - 3.Ice-cube size displaying: Large size.
 - 4.Automatic cleaning symbol.
 - 5.Error code.
 - 6.Lack of water in reservoir symbol: with this symbol, the unit will stop running, need to pour water in.
 7. Ice-full symbol, when it display, means the ice storage area is full of ice-cube. Stop the ice maker.
 - 8.ON/OFF symbol, if the unit has been turned off, this symbol will flash; And if the unit is turned on, this symbol will always display.
 - B. Automatic Cleaning Key: press "CLEAN" button for more than 3 seconds, Enter automatic cleaning,It takes 10 minutes.
 - C. SELECT Button: to select the size of the ice cube and the number code of all kinds of delay time
 - D. ON/OFF Button: to start ice-making cycle.
 - E. TIMER setting delay time.
6. Top cover with transparent window
7. Air exhausting
8. MAXIMUM WATER LEVEL: ——— ▲ ———
Remove the ice basket, you can see the water level mark.



OPERATING PROCEDURES & MAINTENANCE

UNPACKING YOUR ICE MAKER

1. Remove the exterior and interior packaging. Check if ice basket and ice scoop inside. If any parts are missing, please contact our customer service.
2. Remove the tapes for fixing ice shovel, ice basket & ice scoop. Clean the tank & ice basket.
3. Put the ice maker on a level & flat counter top without direct sunlight and other sources of heat (i.e.: stove, furnace, radiator). Make sure that there is at least 4 inches gap between the back & LH/RH sides with the wall.
4. Allow one hour for the refrigerant fluid to settle before plugging the ice maker in.
5. The appliance must be positioned so that the plug is accessible.

WARNING: fill with potable water only. Only use drinking water.

CONNECTING YOUR ICE MAKER

DANGER

*** Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged please call our customer service.**

1. This unit should be properly grounded for your safety. The power cord of this appliance is equipped with a three-prong plug which mates with standard three prong wall outlets to minimize the possibility of electric shock.
2. Plug your appliance into an exclusive, properly installed, grounded wall outlet. Do not under any circumstances, cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician.
3. This appliance requires a standard 220-240Volt, 50Hz electrical outlet with good grounding means.

CLEANING AND MAINTAINING YOUR ICE MAKER

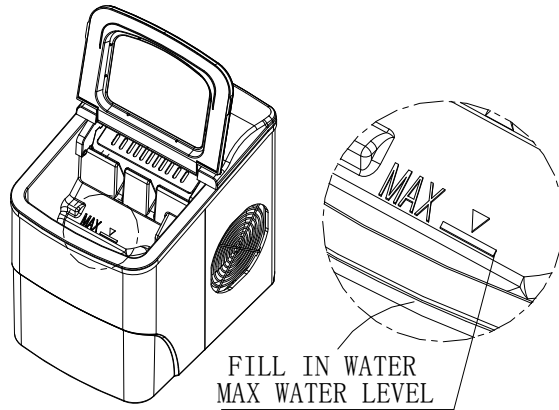
Before using your ice maker, it is strongly recommended to clean it thoroughly.

1. Take out the ice basket.
2. Clean the interior with diluted detergent, warm water and a soft cloth.
3. Then use the water to rinse the inside parts, and drain out the water by unplugging the drain cap on front bottom side.
4. The outside of the ice maker should be cleaned regularly with a mild detergent solution and warm water.
5. Dry the interior and exterior with a clean soft cloth.
6. When the machine is not to be used for a long time, drain water completely & dry the interior.

USING YOUR ICE MAKER

UNPACKING YOUR ICE MAKER

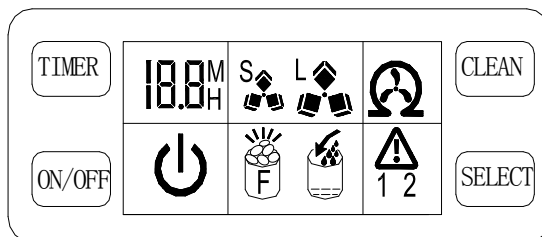
1. Open the cover, remove the ice basket and pour water into tank. Keep water level below the water level mark. Fill 2 liters water. Please add the drinkable water.





OPERATING
AREA


DISPLAY
AREA



OPERATING
AREA




2. Plug the power plug, the machine goes into standby mode, and the power icon  on display panel begins flashing.

3. Press "ON/OFF" button on the control panel to begin the ice making cycle. After this, the ""


symbol will change to light on always in LCD display window, and "" symbol will flash on in the mean time. The default size of ice-cube is Large. If you want to select the size of the ice cube,

just press the "SELECT" button to select between Large size  and Small size .


4. The ice making cycle lasts 6 to 11 minutes, depending on the size of the ice cube selection and the ambient temperature. With the current ambient temperature, the machine can determine how long it will take to make ice cubes for one cycle, the higher temperature will take more time, At the same temperature, the ice-making cycle for big ice Cubes will cost one minute more than for small ice cubes.

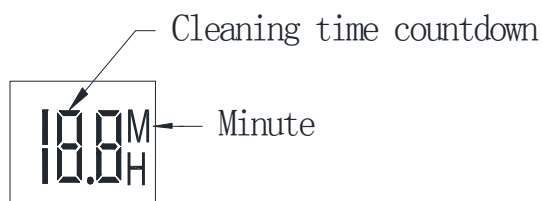
5. During the ice-making process, if the icon  on the LCD display panel lights and the arrows are flashing, the ice maker will stop automatically, it is required to fill water into the water tank. Turn off and restart the machine. Otherwise, it will wait for a longer time to automatically start the ice making. Allow the refrigerant liquid inside the compressor at least 3 minutes to settle before restarting.

Ice cubes full

6. Icon  on LCD Display panel lights, the F character is flashing, means the ice cubes in the Machine is full, take out the ice cubes, the machine will automatically start go into the ice-making mode.

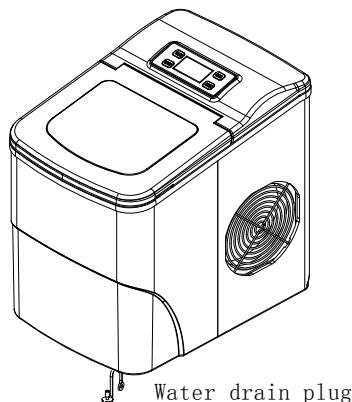
Machine self-cleaning

7. The machine is in stand by mode, to press and hold the "CLEAN" button for more than 3 seconds, then the icon  on LCD panel lights, at the upper left-hand corner the 10M appears to indicate that the cleaning time of 10 minutes starts the countdown, after 10 minutes, the washing is over and the machine goes into the standby mode. In the process of cleaning, you can use soft cotton cloth to clean the machine by hand.



How to drain water from machine

8. Clean the machine or replace the water, you can put the machine at the edge of the table, and Ensure that the machine's four feet placed on the table, as much as you can to draw out the front of the machine out of the table, put a water container below the machine, pull down the Drain plug at the bottom of the machine (as shown below). When drain water is exhausted, reset The drain plug.



9.It is recommended that the water should be replaced per 24 hours to keep water clean. If you do not use the ice maker for a long time, the water tank must be dried.

TIMER SETTING

Timer Delay Time Range: 0.5-19.5 hours.

Default Delay Time: 1 hours.

Timing off: the machine in ice-making process can be set time for turning off.

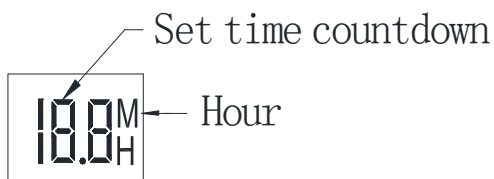
Timing on: the machine in stand by process can be set time for turning on.

How to set the timer

Press the TIMER button first, the display panel shows the default timer duration 1.0 hours, then press the SELECT button to adjust the timing you need, every time you press the SELECT button, The duration time is added 0.5 hours, if you press and hold the SELECT button, it will speed up The process. During the time adjustment process, the "H" at right corner of figure is flashing. After 5 seconds, the "H" lights on, it means the setup completed, and shows the machine is in timer Setting mode, then the figure will come smaller gradually till 0, the timer setting process is over, the machine goes into the mode you want.

How to cancel the timer





In the timer setting mode, the LCD display panel shows "XX.XH", press the TIMER button, the Figures and the "H" are off, the timer setting cancelled.



Attention: To enhance the capacity of ice machine

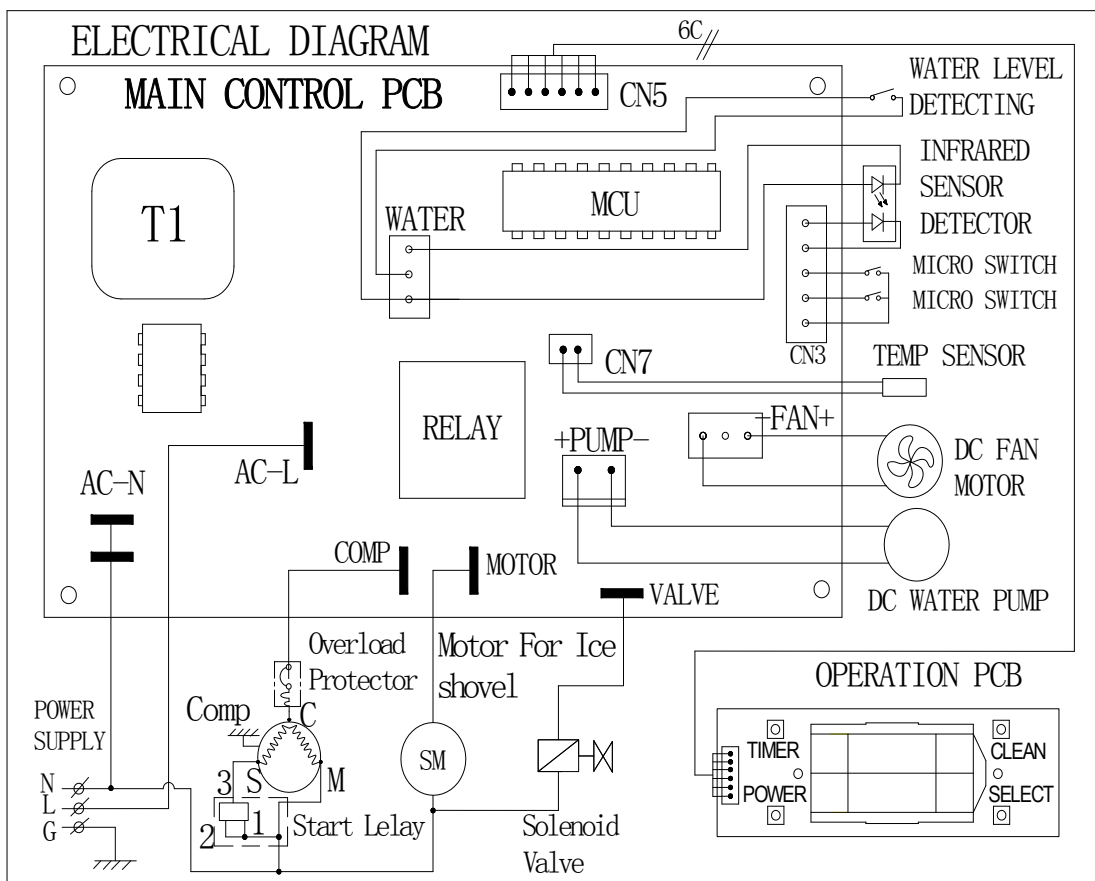
- 1.The machine should be placed in a well-ventilated, and the space between machine and objects is more than 15cm;
- 2.Please put the machine in the place with low ambient temperature;
- 3.To use the water with temperature as lower as possible.The factors of the water temperature and cooling system will infect the ice-making efficient, at the beginning ,the ice cubes will be smaller than expected, after 30 minutes, it comes normal.

TROUBLESHOOTING

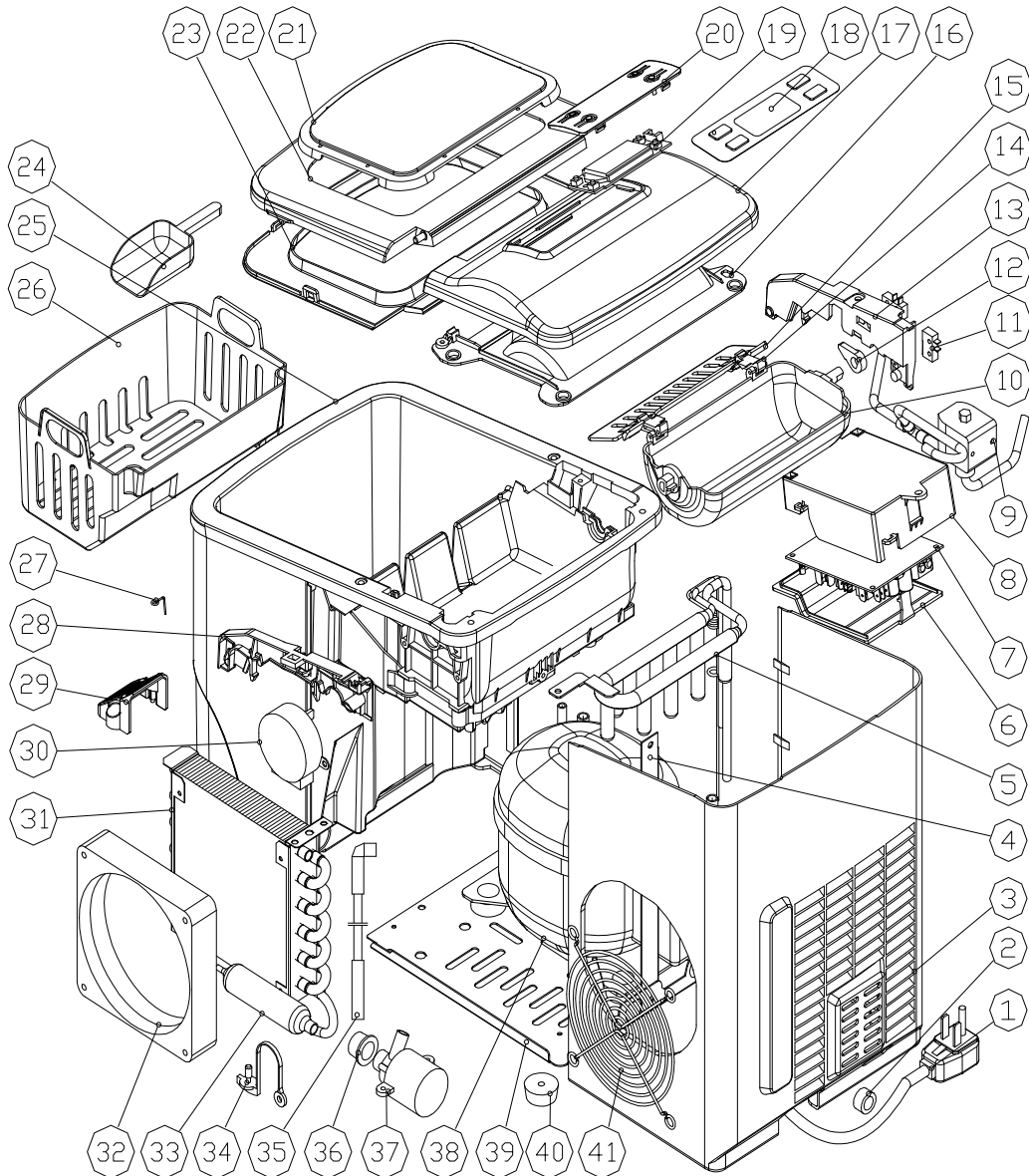
PROBLEM	POSSIBLE CAUSE	SOLUTION
 symbol is lightening on and the arrow flashes.	Lack of Water.	Stop the ice maker, fill water, and press “ON/OFF” button again to restart the unit.
 symbol is lightening and letter “F” flashes.	<p>There is too much ice.</p> <p>No ice cube inside.</p>	<p>Suggest you to obtain the ice-cube.</p> <p>Remove the probable obstacle inside or clean the inside wall of the ice storage, if still can't start to ice making process, press “SELECT” for more than 5 seconds to run the ice making for 10 cycles at most.</p>
	Ambient temperature sensor breakdown	The unit can still work, but suggest to call the manufacturer service man or electrical technician to change to a new sensor.
	The ice-making box can not reset normally.	Call the manufacturer service man or qualified technician to check the problem.
Ice cubes on the evaporator stick together.	The ice cycle is too long.	Stop the ice maker, and restart it when the ice blocks melt. Select the small size ice cube selection.
	Water temperature in inner tank is too low.	The water temperature should be 7-32°C(45°F-90°F).
	Evaporator fingers Immerge into the water in ice case too deep.	Adjust the evaporator upwards.
Ice making cycle is normal but no ice is made.	The ambient temperature is too high or the water temperature is too high	Change the power source, voltage applicable range 198-242V. Ensure power plug and socket fit tightly
	The ambient temperature is too high or the water temperature is too high	the machine works in environment temperature below32°C(90°F), use the water temperature at 7°C-32°C (45 °F-90°F).
	Refrigerant liquid leakage.	Verify by a qualified technician.
	Pipe in the cooling system is blocked.	Verify by a qualified technician.

TECHNICAL PARAMETERS & CIRCUIT DIAGRAM

Model	HZB-12/B
Protection Type	I
Climate Type	SN/N/ST/T
Power	220-240V/50Hz
Ice Making Current	0.7A
Ice Harvest Current	1.0A
Refrigerant	R600a/21g
Net Weight	7.1Kg
Vesicant	C ₅ H ₁₀
Enclosure	Plastic



EXPLOSIVE DRAWINGS



S/N	Part description	Qty/Per	S/N	Part description	Qty/Per
1	Power cord	1	22	Front top panel	1
2	plastic clip	1	23	Front btm panel	1
3	Back panel	1	24	Ice shovel	1
4	Plate back support	1	25	Foaming asm	1
5	Evaporator	1	26	Ice basket	1
6	Control box cover	1	27	Stainless wire	1
7	Main PCB	1	28	Inner tank brackt, RH	1
8	Control box	1	29	Water filter	1
9	Magnetism valve	1	30	Sychronuous motor	1

10	Ice making box	1	32	Condenser	1
11	Micro switch	2	32	DC Fan motor	1
12	Cam	1	33	Copper tube filter	1
13	Inner tank bracket, LH	1	34	Nylon plug drain	1
14	Ice scoop link	2	35	Water Supply pipe	1
15	Ice scoop	1	36	Silicon pump sealing	1
16	Back btm panel	1	37	DC water pump	1
17	Back top panel	1	38	Compressor	1
18	Touch pad	1	39	Plate bottom	1
19	Displaying PCB	1	40	Rubber foot	2
20	Bracket displaying	1	41	Air grille	1
21	Clear window	1	42	Internal Wire	1