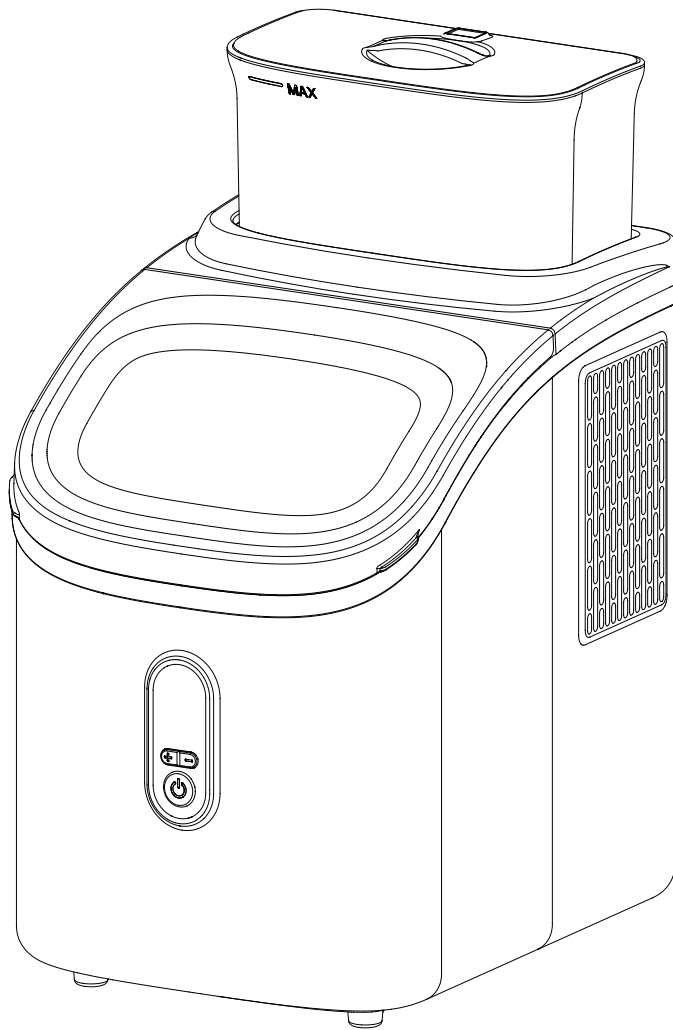


USER MANUAL

ICE MAKER



Model No.:HZB-13AF

Thank you for purchasing this product! Please read the manual carefully before using your portable ice maker. If you have any question about the product, please contact us via customer service number: 213-4467172 or 661-4358826.

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IMPORTANT SAFETY INSTRUCTIONS

Your safety and the safety of others are very important.

We have provided many important safety messages in the manual for your appliance. 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. 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” as shown below:

 **DANGER**

 **WARNING**

These words mean:

You can be seriously injured if you don't immediately follow the instructions.

IMPORTANT SAFETY TIPS

- Do not operate this, or any other appliance with a damaged cord.
- 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 carpet or other heat insulators. Do not cover the cord. Keep cord away from traffic areas, and do not submerge it 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.14 AWG minimum size and rated no less than 1875 watts.
- Unplug the ice maker before cleaning or making any repairs or servicing.
- Exercise caution and reasonable supervision must be taken 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 6 inches of space between the back of your unit and wall. Keep a minimum distance of 6 inches on each side of your unit free.
- Do not use other liquids 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.
- **WARNING: This Appliance Must Be Earthed.**
- **Danger – Risk Of Fire Or Explosion. Flammable Refrigerant Used. Do Not Use Mechanical Devices To Defrost Ice Maker. Do Not Puncture Refrigerant Tubing.**
- **Danger – Risk Of Fire Or Explosion. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Puncture Refrigerant Tubing.**
- **Caution – Risk Of Fire Or Explosion. Flammable Refrigerant Used. Consult Repair Manual/Owner's Guide Before Attempting To Install Or Service This Product. All Safety Precautions Must Be Followed.**
- **Caution – Risk Of Fire Or Explosion. Dispose Of Property In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used.**
- **Caution – Risk Of Fire Or Explosion Due To Puncture Of Refrigerant Tubing; Follow Handling Instructions Carefully. Flammable Refrigerant Used.**
- The ice maker should be installed in accordance with the safety standard for Refrigeration

Systems, ASHRAE15. The ice maker shall not be installed in corridors or hallways of public buildings.

- If the unit is with problem needs to be maintained, that replacing it 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.

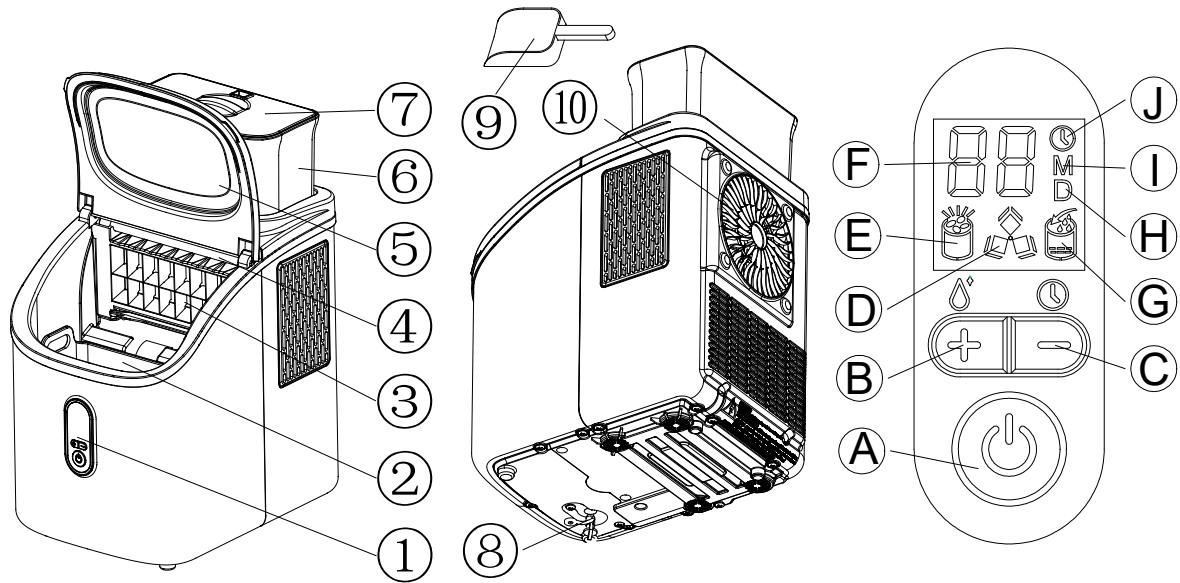
IMPORTANT:

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

Green or Green with a strip of yellow:	Grounding
White:	Neutral
Black:	Live

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

GETTING TO KNOW YOUR UNIT



- | | |
|-------------------------|--|
| 1. Control Panel | 6. Water tank |
| 2. Ice basket | 7. Cover of the water reservoir |
| 3. Evaporator | 8. Water draining cap: to draining out the water from the unit |
| 4. Water separator pipe | 9. Ice scoop |
| 5. Front upper cover | 10. Hot air outlet |

Control Panel

A. ON/OFF button: start or stop ice-making & cancel the cleaning and timer setting program. When the unit is making ice cubes, press the button for more than 5 seconds, the unit will switch to ice harvest process by force.

B/C. Time setting & Automatic self-cleaning adjustment button:

(1) Ice thickness adjustment: press "+/-" once to increase/decrease ice-making time by 1 minute.

(2) Timing adjustment: press "+/-" once to increase/decrease the timing time by 1 hour.

Note: In standby mode, press "-" for more than 5 seconds to enter the timing program.

(3) Automatic self-cleaning: in standby mode, press "+" for more than 5 seconds to enter the automatic self-cleaning program.

D. Ice cube symbol: when the symbol is rotating, the unit is making ice cubes. When the symbol flashes, the unit is harvesting ice.

E. Ice full warning symbol: the unit will automatically make ice after removing the ice.

F. Digital display:

(1) Ice thickness display: when the number is displayed simultaneously with "D" on its right, which means the current ice thickness adjustment gear. For example, the display of "1" and "D" means that the ice-making time is increased by 1 minute.

(2) Ice-making time countdown display: when the number is displayed simultaneously with "M" on its right, it means the ice-making time countdown display. For example, the display of "2" and "M"

means that the unit will start harvesting ice in about 2 minutes.

(3) Timing display: when the number is displayed simultaneously with "", it means the timing of startup or shutdown.

(4) Automatic cleaning time countdown display: when the number is blinking, there is no unit display on the right side, means the cleaning time countdown; For example, the blinking display of "20" means that the automatic cleaning will end after about 20 minutes.

G. Water shortage symbol: When the symbol is on, the machine is short of water.

H. Ice thickness adjustment unit, display in conjunction with digital display.

I. ice-making time countdown unit, display in conjunction with digital display.

J. Timing setting, display in conjunction with digital display.

OPERATING PROCEDURES & MAINTENANCE

UNPACKING YOUR ICE MAKER

1. Remove the exterior and interior packaging. Check that ice basket and ice scoop are included. If any part is missing, please contact our customer service.
2. Clean the interior with lukewarm water and a soft cloth. Take out the ice basket and clean it.
3. Find a location for your ice maker that is protected from direct sunlight and other sources of heat (i.e.: stove, furnace, radiator). Place the ice maker on a level surface. Make sure that there is at least 6 inches of space between the back and sides of your ice maker and the wall.
4. Allow 2 hours for the refrigerant fluid to settle before plugging ice maker in.
5. The appliance must be positioned so that the plug is accessible.

WARNING: Fill it with potable water only.

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 three-prong (ground) plug of the power cord. Any question concerning power and/or grounding should be directed toward a certified electrician.
3. This appliance requires a standard 110-120volt, 60Hz electrical outlet with three-prong ground.

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 from the draining port by unplugging the Water draining cap on the bottom.
4. The outside of the ice maker should be cleaned regularly with a mild detergent solution and

warm water.

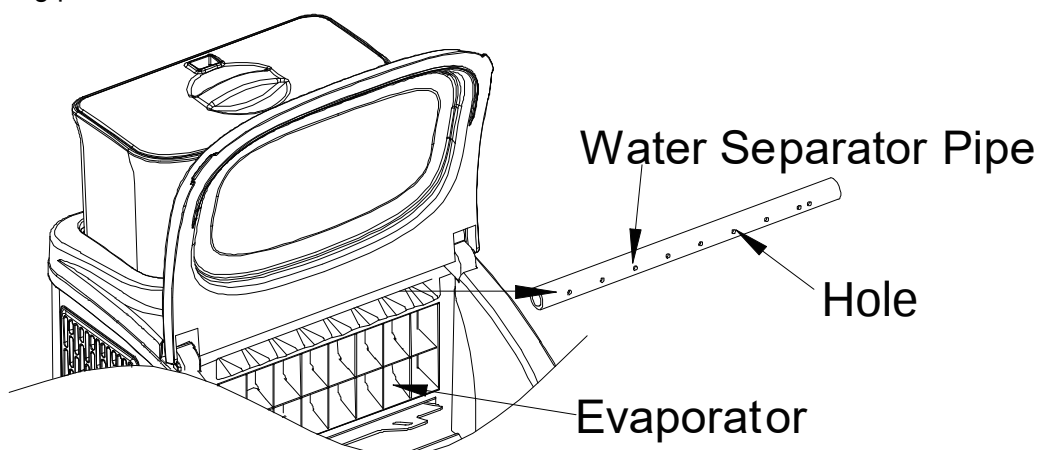
5. Dry the interior and exterior with a soft cloth.

6. When the machine is not in use for a long time, unplug the Water draining cap to drain water completely out from the water reservoir.

After using the ice maker for a long time, we suggest cleaning the unit.

Especially for the water separator pipe and the water filters, must clean them periodically.

1. If the water separator pipe is blocked and there is no water flowing down when hearing the compressor and the water pump inside are still working, clean each hole on the pipe shown in the following picture.



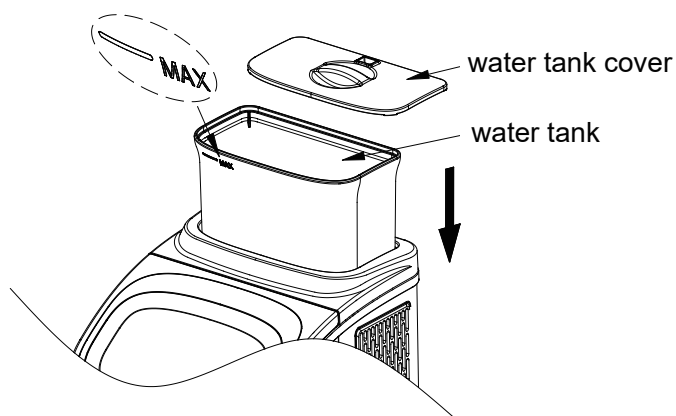
2. For both the water tank and the big water reservoir, clean them with diluted detergent, warm water and a soft cloth. Then use the water to rinse the inside, and drain out the water from the draining port by unplugging the Water draining cap on the bottom. It will help keep the unit and ice cubes in a hygienic condition, and also the unit work normally.

3. When cleaning, if you find that the ice cubes left on the evaporator and can not be taken out easily, you can turn on the unit to let the unit enter the ice-making process, then press "ON/OFF" button for more than 5 seconds to let the unit start ice harvest process to melt the ice cube. It will help you to remove the hard ice cube.

USING YOUR ICE MAKER

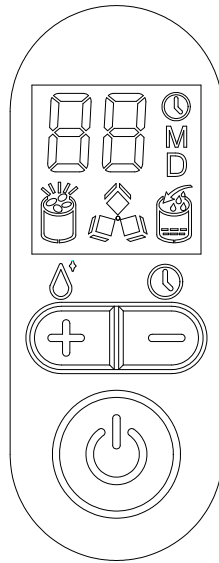
1. Add Water to Ice Maker

Insert the "water tank" into the corresponding position on the top of the machine, open the "Cover of the water reservoir", and fill it with drinking water, and the water level should be lower than the "MAX" mark line, and then cover the "Cover of the water reservoir" to prevent foreign objects from entering the water tank. As shown in the picture on the right.



2. Ice-Making Operation

Operation and display area:



1. Ice-making startup: Plug in the power plug, the symbol  on the display will start to be steady on, press the " is rotating, and the "0" and "D" on the display will be steady on. Steady "0 D" means that the ice is made in the default time; After a few minutes of ice-making, there will be a flashing number with the symbol "M", and the flashing "10M" means that it will take 10 minutes until the ice-making ends.

2. After each ice-making cycle is finished, the unit will start to harvest the ice cube, and the ice-making symbol  will flash. Water will be added to the tank through the electromagnetic water valve until it reaches the standard water level of the tank, and the unit will enter the next ice-making cycle; when the water added to the tank cannot reach the standard water level of the tank, the symbol  will be steady on, and the unit will stop working. After a water shortage, it is necessary to restart the machine, otherwise it will wait for about 15 minutes and automatically start up.

Note: Each ice-making cycle is about 10-25 minutes, and the ice-making time may vary according to the ambient temperature and the water temperature. Especially the first time of making ice, due to the high water temperature in the tank, the ice-making time will be much longer. But the ice-making cycle will not exceed 35 minutes.

3. Adjustment of ice thickness: if the ice cube is not thick enough, press the "+" or "-" to set the ice-making time during ice-making; when the number and symbol "D" are displayed on the display screen, it allows you to set the ice-making time. The default is "0", press the "+" key once to increase the ice-making time by one minute, and the ice cube will be thicker, and the

ice-making time can be increased by up to 6 minutes. Press the "-" key once to reduce the ice-making time by one minute, and the ice cube will be thinner, the ice-making time can be reduced by up to 6 minutes. Every time the unit is powered on, the ice-making time will return to the default setting of "0". The setting of ice-making time can only be executed during the next and subsequent ice-making cycle.

4. When ice full symbol  is on, the unit will stop making ice, and if take out the ice cube inside, the unit will start working again.

5. Ice-making shutdown: When the unit is working, press the "On/Off" button on the operation panel to shut down the unit and it will enter the standby mode.

3. Harvest Ice Cubes by Force

If pressing the "On/Off" button for more than 5s when the ice maker is working, the unit will start harvesting. Press "On/Off" button, the unit will turn off.

4. Automatic Self-Cleaning Program

The default cleaning time is 20 minutes. Plug in the unit with the water tank filled with water, press the "+" button on the operation panel for more than 5 seconds to start the self-cleaning function, and the number "20" on the display flashes, indicating the end of the self-cleaning program after 20 minutes.

It takes about 20 minutes to complete a self-cleaning program. When the program is finished, the system will automatically be in the off state. You can also force a stop to the self-cleaning program by pressing the "On/Off" button on the operation panel.

5. Timed startup and timed shutdown function operation

Timer Setting

Timer setting range: 1-24 hours

Timed shutdown: When the unit is working, the timer sets the unit off.

Timed startup: When the unit is in standby, the timer sets the unit on.

How to Set a Timer

Press the "-" button on the operation panel for more than 5 seconds, and the timing time "1" and symbol "⌚" appear on the display screen, then press the "+/-" button to adjust the timing time you need. Press "+/-" once to increase/decrease the time by 1 hour. The symbol "⌚" is flashing during the time adjustment process and after 5 seconds, the setting is completed.

Timed startup display: "5" and "⌚" are displayed in the standby state, indicating that the unit will automatically start up after 5 hours;

Timed shutdown display: In the ice-making condition, the symbol "⌚" is on, indicating that there is a timed shutdown setting at present, press the "-" button for more than 5 seconds, it will

display the current setting time. For example, "5" with "🕒" indicates that the machine will automatically shut down after 5 hours.

How to cancel the timing

When the unit has been timed, press the "-" button on the operation panel for more than 5 seconds, the number and "🕒" on the screen flash, and then press the "-" button on the operation panel for more than 5 seconds, the timing will be canceled; You can also set the timing time to "0", and the timing will be canceled after 5 seconds.

You can also directly press the "🔌" key on the operation panel to force off the timing function and directly turn it on or off.

6. Ice Maker Drainage

Pull out the Water draining cap at the bottom of the ice maker to empty the water in the inner tank; The ice maker must be in standby mode to drain water from the water tank and inner tank. Then reset the Water draining cap when the drainage is complete.

In order to ensure hygiene requirements, please change the water every 24 hours and clean the inner tank and water tank every three days.

Warning

- A.** Make sure the water tank, water filter and water separator pipe are not blocked, clean them.
- B.** The water temp. will affect the ice-making capacity. The lower the temp., the more ice cubes are produced.
- C.** The cooler the ambient temp, the more ice cubes are produced.
- D.** Always use good quality water to ensure the pump works well. Low-quality water will cause pump noise but doesn't affect the unit working.
- E.** The compressor can restart automatically after it was powered off accidentally.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
<  > is on	Lack of water	Turn off the unit and add water to “MAX” level, then re-start the unit.
<  > is on	Too many ice cubes in the basket	Remove the ice cubes in the basket.
<  > is flash	The ice-full plate is blocked	Take out the ice cubes under the ice full plate, make sure the ice full plate can roll smoothly. Or wait 2-4 hours until the ice cubes melt and the ice full plate rolls back automatically.
There is water in the water reservoir, but <  > is on	The inlet solenoid valve breakdown	Need the technical service person to Maintain.
<E> is on	The ice-making system damage	Need the technical service person to Maintain.
	Too much water in the ice basket	Drain out the water below the ice basket, then turn on the unit.
<E1> is on	Ambient temp. sensor breakdown	The unit can still work, change a new sensor
<E2> is on	Water temp. sensor breakdown	The unit can still work, change a new sensor
No water flowing out of the water separator pipe	The holes are blocked	Use slim wire to prick each hole, till the water can flow out easily.
	Water filter block	Clean the water filter
Ice cubes are too thick and can't drop down	Ice-making cycle too long	Press <-> to decrease the ice-making time.
Ice cubes are too thin	Ambient temp. too high	Move the unit to cool place
	Water temp. too high	The water temp should be no more than 25°C(77°F).
	Ice-making cycle too short	Press <+> to increase the ice-making time.
Unit works but no ice cubes produced	Ambient temp. or the water temp. too high	Move the unit to somewhere with the ambient temp. lower than 30°C (86°F) or fill with cool water.
	Refrigerant system leakage	Need the technical service person to maintain
	Refrigerant system block	Need the technical service person to maintain

TECHNICAL PARAMETERS

Model	HZB-13AF
Protection Type	I
Power	115V/60Hz
Ice-making Current	2.2 A
Ice Harvest Current	2.4 A
Refrigerant	R290 0.77Oz/22g
Design Pressure	
High Side	280Psig
Low Side	88Psig

Thank you for purchasing this product! If you have any question about the product, such as missing parts, damaged products, product assembling or operation, please contact us customer service number: **213-4467172 or 661-4358826.**

IMPORTANT

Please call our customer service department for any consulting:

213-4467172

661-4358826

(8:30am - 5:30pm P.S.T.)

DATED PROOF OF PURCHASE IS REQUIRED FOR WARRANTY
SERVICE.

AVIS

Veuillez appeler le service à la clientèle pour toutes questions au:

213-4467172

661-4358826

(8:30am - 5:30pm P.S.T.)

PREUVE D'ACHAT ORIGINALE REQUISE POUR SERVICE DE
GARANTIE.

IMPORTANTE

Sólo hay que llamar nuestro departamento de servicio
al cliente en caso de tener preguntas o inquietudes:

213-4467172

661-4358826

(8:30am - 5:30pm P.S.T.)

SE REQUIERE PRUEBA DE COMPRA CON FECHA PARA
SERVICIO BAJO GARANTÍA.

Address: ROWAN ELECTRIC APPLIANCE LLC
750S. Valley View Avenue, San Bernardino, CA 92408
Phone: 213-4467172 or 661-4358826