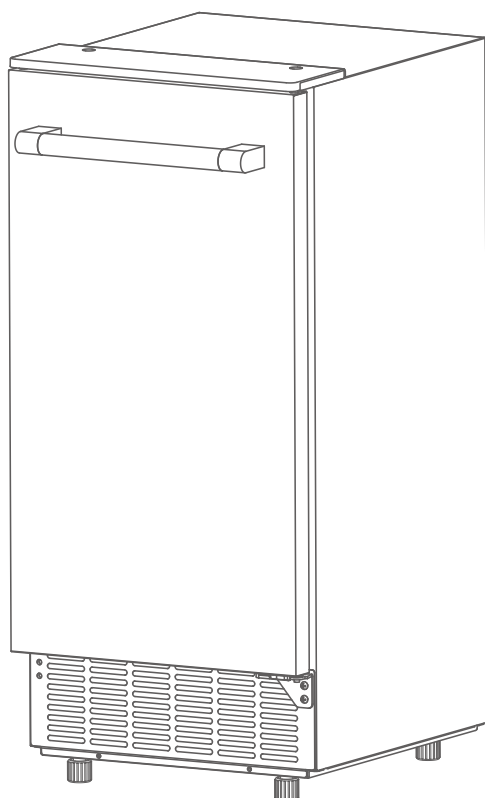




ICE MAKER

IM-SB801A | 80lbs



User Manual

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

Thank you for purchasing from ecozy.
If you have any questions or need further assistance,
please contact us at
support@ecozy.com
or call us via hotline
(443) 991-8777 (UTC 14:00-22:00, Monday to Friday).

CONTENTS

- IMPORTANT SAFETY INSTRUCTIONS 01
- PACKAGE CONTENTS 03
- PRODUCT OVERVIEW 04
 - Ice Maker 04
 - Control Panel & LCD Display 05
- BEFORE FIRST USE 06
- DOOR REVERSAL INSTALLATION 08
- WATER HOSE CONNECTION 10
 - Connect the Water Supply Hose 10
 - Connect the Water Drain Hose 11
- USE YOUR ICE MAKER 11
 - Start/Stop Making Ice 11
 - Adjust Ice Thickness 12
 - Ice Full 13
 - Set a Timer 13
 - Self-Cleaning Mode 14
 - Switch Temperature Unit 15
 - Drain Out All Water 15
- CLEANING & MAINTENANCE 16
 - Cleaning Suggestions 16
 - Exterior Cleaning 17
 - Interior Cleaning 17
- NORMAL SOUNDS 18
- SPECIFICATIONS 19
- TROUBLESHOOTING 19

IMPORTANT SAFETY INSTRUCTIONS

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.

1. Use this appliance only for its intended purpose as described in this owner's manual. This ice maker must be properly installed in accordance with the installation instructions before it is used.
2. This unit must be positioned so that the plug is accessible. Do not run cord over carpeting or other heat insulators. Do not cover the cord. Keep cord away from traffic areas, and do not submerge in water. No other appliance should be plugged into the same outlet, and be sure that the plug is fully inserted into the receptacle.
3. We do not recommend the use of extension cord as it may overheat and cause a risk of fire. If you must use an extension cord, use No.14AWG minimum size and rated no less than 1875 watts.
4. 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.
5. Disconnect the mains plug from the supply socket when not in use for a long term, where supply connection is via mains plug.
6. Remove power plug or disconnect from the mains before cleaning or servicing the appliance.
NOTE: If for any reason this product requires service, we strongly recommend that a certified technician perform the service.
7. Never unplug your unit by pulling on the power cord. Always grasp the plug firmly and pull it straight out from the outlet.
8. Do not use your unit outdoors. Keep the unit away from direct sunlight and make sure that there are at least 2 inches of space between the back of your unit and wall and keep the front free. Keep ventilation opening in the appliance enclosure or in the built-in structure, clear of obstruction.
9. Do not tip over the unit which will cause abnormal noise and make the ice-cube size abnormal. And seriously, it may cause water leakage from the unit.
10. If the unit is brought in from outside in the winter season, give it a few hours to warm up to room temperature before plugging it in.
11. Do not use other liquids to make the ice cubes other than water.
12. Do not clean your ice maker with flammable fluids. The fumes can create a fire hazard or explosion.
 - **WARNING:** This appliance must be earthed. Use the proper power source according to the nameplate.
 - **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: 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.
- WARNING: Children should be supervised to ensure that they do not play with the appliance.
- WARNING: This appliance must be earthed. And use the 110-120V/60Hz earthed power supply.
- WARNING: Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- 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 User Manual 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 has a problem that needs to be maintained, the component replacement and service shall be done by factory-authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.
- WARNING: This appliance is intended to be used in household and similar applications such as:
E.g. staff kitchen areas in shops, offices and other working environments;
E.g. farm houses and by clients in hotels, motels and other residential type environments;
E.g. bed and breakfast type environments;
E.g. catering and similar non-retail applications.

IMPORTANT:

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

Green or Green with a strip of yellow: Grounding

Blue or White: Neutral

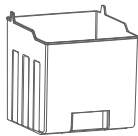
Brown or Black: Live

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

PACKAGE CONTENTS



Ice Maker x1



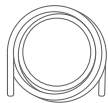
Ice Bucket (Pre-assembled)



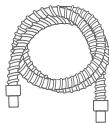
Ice Scoop x1



Door Handle x 1



Water Supply
Hose x 1



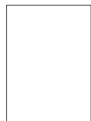
Water Drain Hose x 1



Hose Connector x 1



User Manual x1

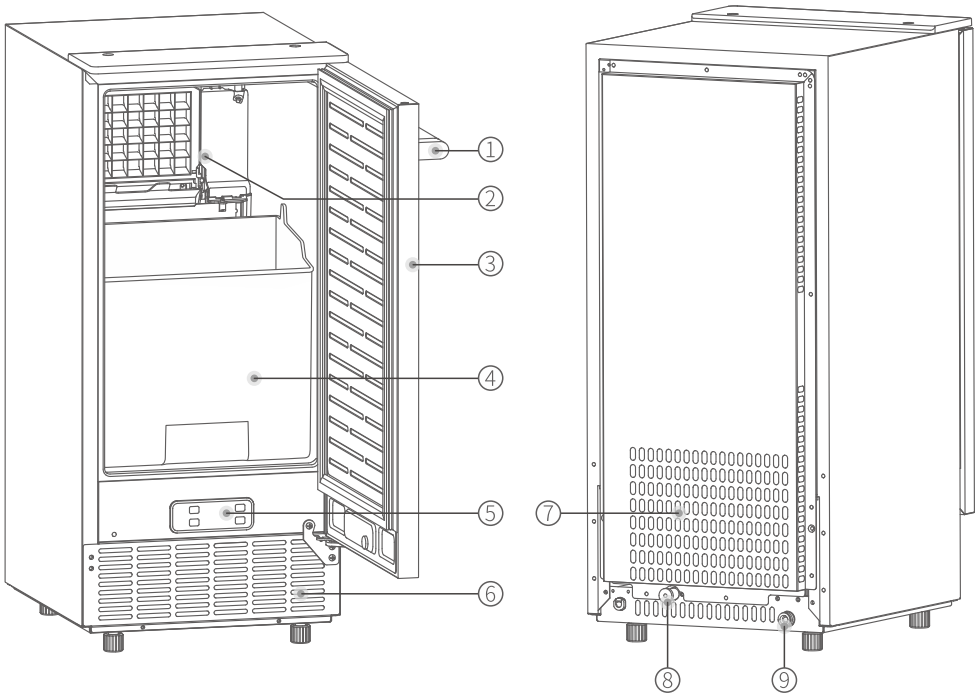


Installation Guide x 1

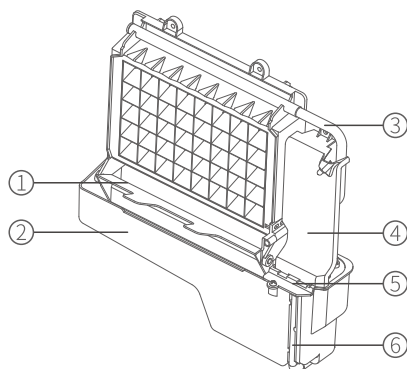
* If there is any part missing, please contact our customer service: support@ecozy.com.

PRODUCT OVERVIEW

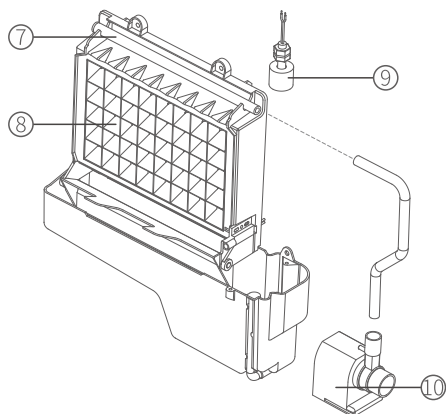
Ice Maker



- ① Handle
- ② Ice-making System & Water Tank
- ③ Door
- ④ Ice Bucket (Pre-assembled)
- ⑤ Control Panel
- ⑥ Air Outlet
- ⑦ Air Inlet
- ⑧ Water Drain Port (with Cap)
- ⑨ Water Inlet Port

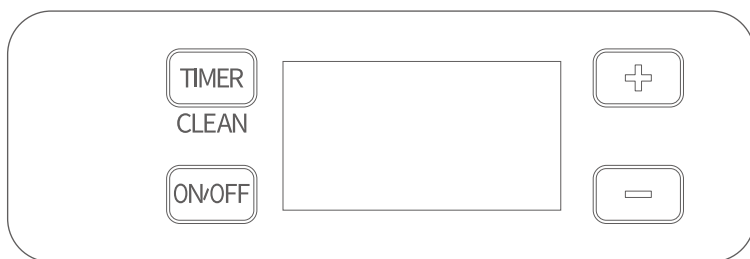


- ① Ice Full Detecting Board
- ② Water Tank
- ③ Water Supply Pipe
- ④ Cover Board
- ⑤ Water Level Switch Installing Plate



- ⑥ Water Drain Pipe of the Water Tank
- ⑦ Water Dividing Pipe
- ⑧ Evaporator
- ⑨ Water Level Detecting Switch
- ⑩ Water Pump

Control Panel & LCD Display



TIMER/CLEAN button:

Set a timer to automatically start or stop making ice.

Press and hold this button for over 5 seconds to enter self-cleaning mode.



ON/OFF button:

Start/stop making ice.

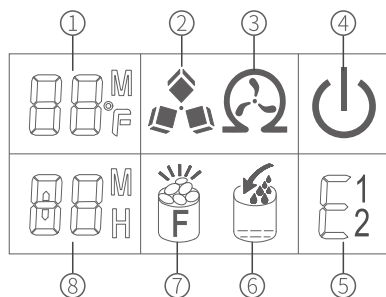
Press and hold this button for 5 seconds to initiate a forced ice harvest during ice making.



+/- button:

Adjust ice-making or timer time.

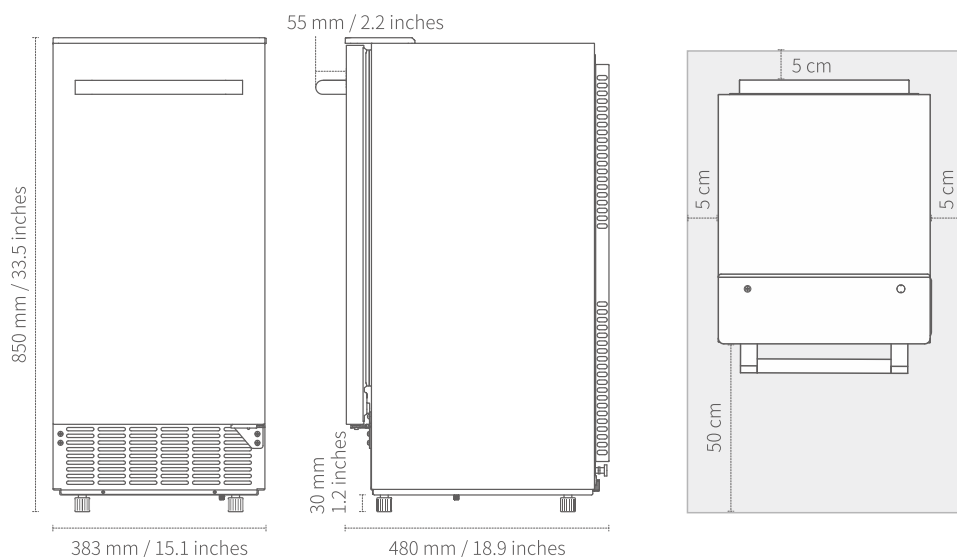




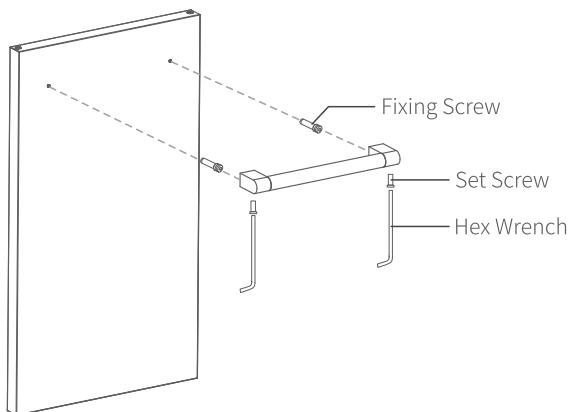
- | | |
|---|---|
| ① Ambient Temperature & Ice-making Countdown | ⑤ Error Code |
| ② Ice Making Status (Rotating: Making ice;
Flashing: harvesting ice) | ⑥ Water Status |
| ③ Self-cleaning Mode Indicator | ⑦ Ice full Reminder |
| ④ On/off Status | ⑧ Timer Setting & Ice Making Time
Duration |

BEFORE FIRST USE

1. Unpack the ice maker, then remove all the packaging materials.
2. Before installing the ice maker, make sure you have enough space. Leave at least 19.6 inches (50cm) of room between the air outlet and any obstacles, and keep a minimum 2-inch (5cm) gap between the ice maker and the wall.



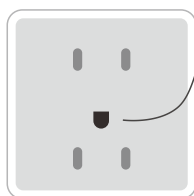
- 3 Clean the interior of the ice maker, ice bucket and ice scoop with warm water and a soft cloth for 3-5 times to remove possible odor or residue caused by the manufacturing or transportation.
- 4 Install the handle on the ice maker door.
 - (a) Remove the existing screws from the door frame and install the provided fixing screws using a screwdriver.
 - (b) Align the handle with the fixing screws and lock it into place.
 - (c) Align the provided set screws with the handle's bottom holes and tighten them using the hex wrench.



Tip:

The door can be installed in a reversed direction as needed. Refer to the **DOOR REVERSAL INSTALLATION** section.

- 5 Connect the water supply hose and drain hose. Refer to the **WATER HOSE CONNECTION** section.
- 6 Before plugging in, please let the ice maker stand upright for 4 hours to allow the refrigerant to settle.
- 7 Plug the ice maker into a well-grounded outlet.



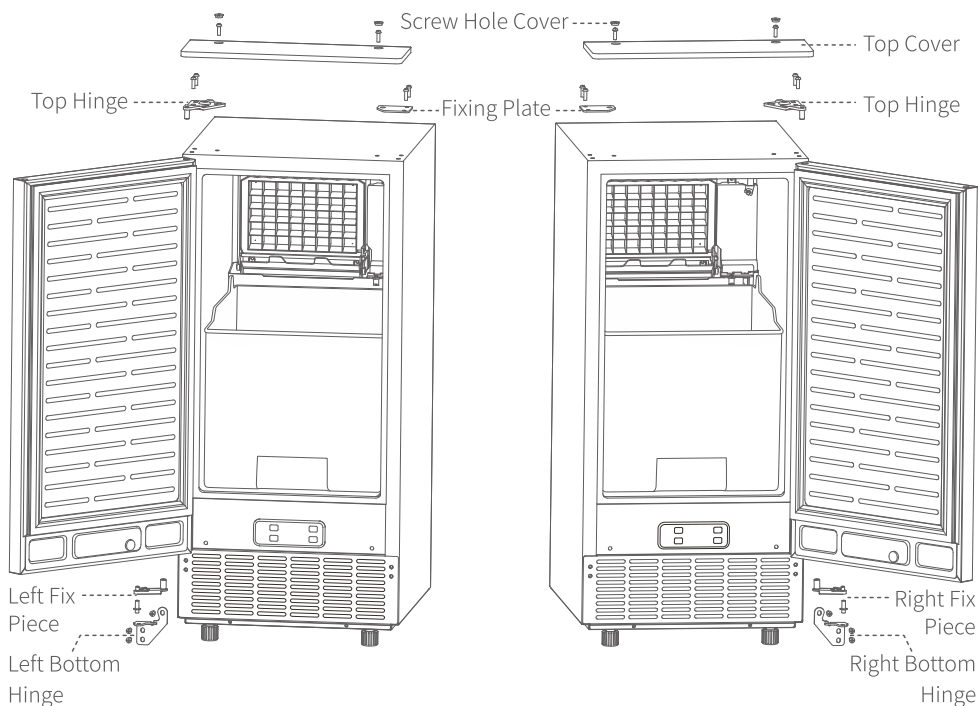
Must be grounded well.

DANGER!

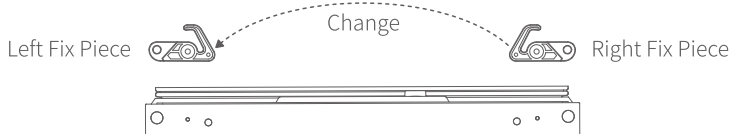
Improper use of the plug may result in the risk of electrical shock.

* There may be water vapor in the product, which is normal because we have tested all our products before they left the factory.

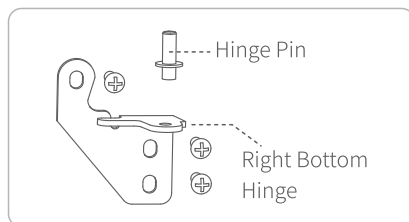
DOOR REVERSAL INSTALLATION



- 1 Make sure the ice maker is unplugged.
- 2 Remove the two screw hole covers on the top cover and unscrew the two screws securing the top cover.
- 3 Remove the two screws from the top hinge and two screws from the fixing plate.
- 4 Lift the door up and remove it from the ice maker.
- 5 Place the door on a surface that won't scratch it, with the outside facing up.
- 6 Remove the screw from the right fix piece and attach the left fix piece (in the accessory bag) to the door.

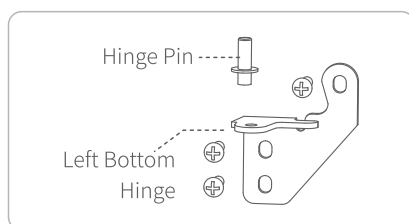


- 7 Remove the right bottom hinge by unscrewing the three screws, and then attach those screws back to the ice maker without the hinge.

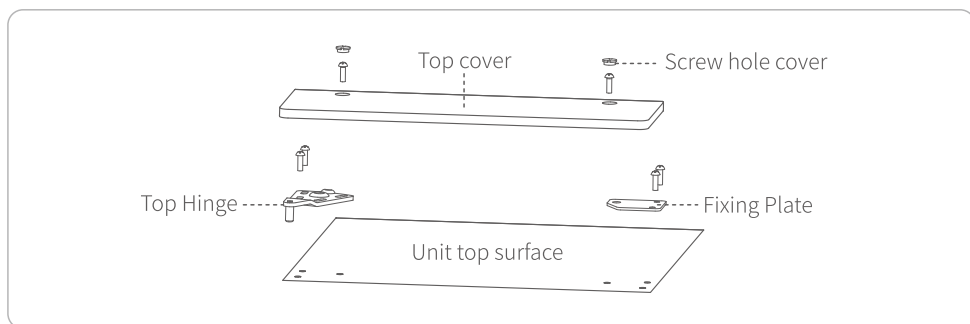


- 8 Remove the hinge pin from the right bottom hinge and install it on the left bottom hinge (in the accessory bag).

- 9 Remove the three screws from the left side, and then use them to secure the left bottom hinge to the ice maker.



- 10 Place the door on the left bottom hinge, ensuring that the magnetic gasket holds the door in place. Align the door with the ice maker and secure the top hinge on the left side using two screws.

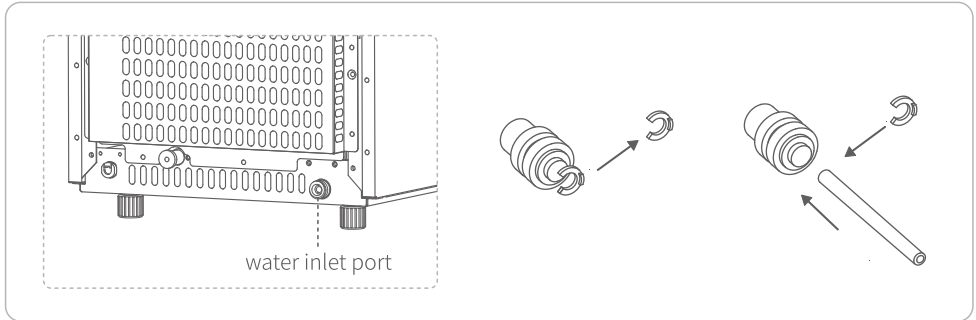


- 11 Open and close the door several times to confirm proper alignment and sealing of the gasket. If needed, adjust the door again.
- 12 Attach the fixing plate back on the right side. Secure the top cover with two screws and cover the screw holes with the 2 screw hole covers.
- 13 Wait for at least 30 minutes before plugging in the ice maker to allow the refrigerant to settle. Then plug in the ice maker.

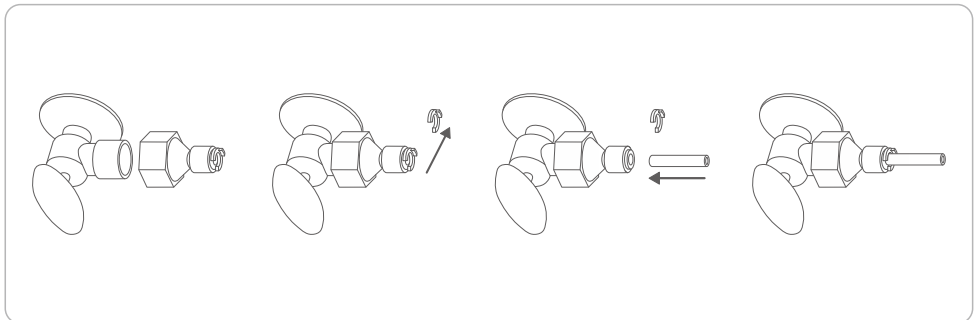
WATER HOSE CONNECTION

Connect the Water Supply Hose

- 1 Remove the tape on the water inlet port at the back of the ice maker. Then remove the clip from the inlet port.
- 2 Press the outer circle of the inlet port, insert one end of the water supply hose into the port, pushing it inward completely, then reattach the clip.



- 3 Install the provided hose connector onto the water faucet of the main water supply system and remove the clip from the connector.
- 4 Insert the other end of the water supply hose fully into the connector port, then reattach the clip.

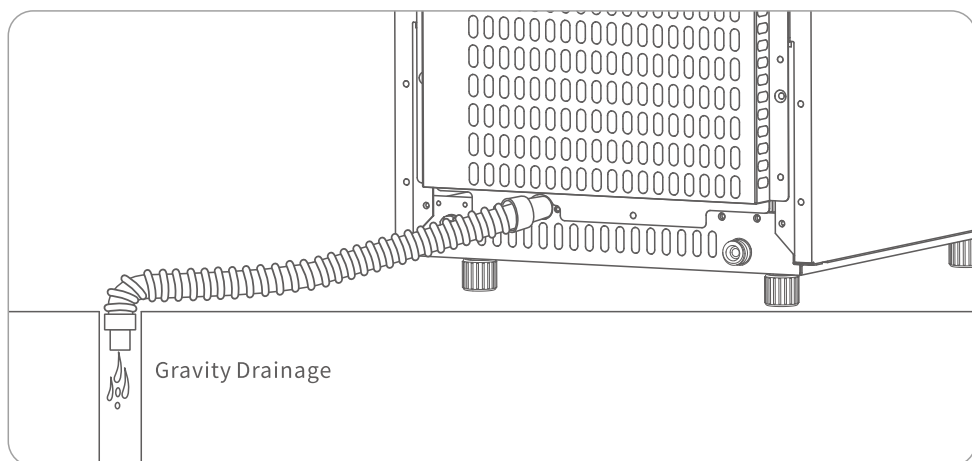


Notes:

- * The water faucet is not included in the package.
- * Ensure that the water pressure of the main water supply system is at least 0.04-0.6 MPa.
- * Connect to the potable water supply system only.




Connect the Water Drain Hose

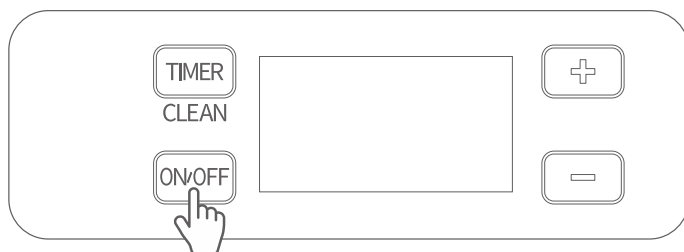
- 1 Remove the cap on the water drain port and connect it to the drain hose.
- 2 Connect the other end of the drain hose to the main water drain pipeline.



USE YOUR ICE MAKER

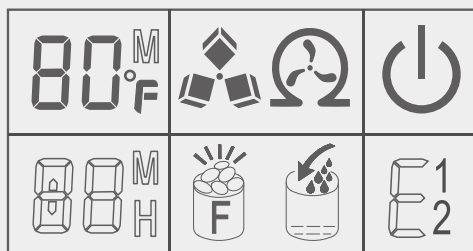
Start/Stop Making Ice




- 1 After plugging in the ice maker, the  indicator will flash on the display.
- 2 Press the ON/OFF button. The ice maker will start making ice after the water flows in and reaches the standard level in the water tank. Then,  will stay lit and  will rotate.




Tip:

The ambient temperature will be shown in the upper left of the display, like "80°F". After a few minutes, flashing numbers will appear, indicating the remaining time for the current ice-making cycle, like "10M" for 10 minutes. When the countdown ends, the ice harvest starts.



- 3 After the ice making cycle finishes, the ice maker enters the ice harvest process ( flashing). The external pipe then adds water to the water tank ( arrow flashing). Once the water reaches the standard level,  turns off, and the ice maker starts the next ice making cycle.

Tips:

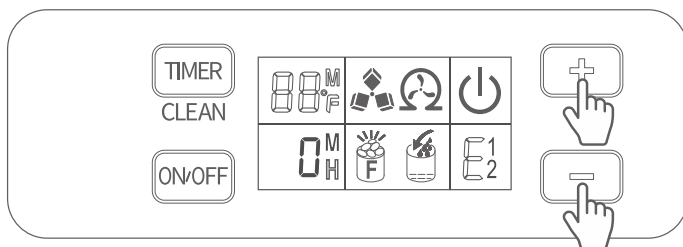
- * Depending on the ambient and water temperature, the ice-making cycle may last for 11 to 20 minutes (less than 30 minutes). For first-time use, ice-making period may take longer than usual.
- * It is recommended to discard the ice cubes produced during the initial ice making cycle.
- * If the water is insufficient,  stays lit, and the ice maker stops. You can restart the ice maker, or it will automatically restart after 15 minutes.

- 4 During the ice making process, pressing the **ON/OFF** button pauses the ice maker, entering standby mode. Pressing and holding the **ON/OFF** button for over 5 seconds initiates a forced ice harvest. Pressing the **ON/OFF** button again shuts down the ice maker.

Adjust Ice Thickness

When the ice maker is running, the thickness of ice cubes can be adjusted by increasing or reducing the time duration for making ice. The number in the lower left of the display indicates the ice making time (default time is displayed as 0).


To make thicker ice, press the "+" button to add more ice making time; to make thinner ice, press the "-" button to reduce ice making time. Each press will adjust the time by 1 minute.

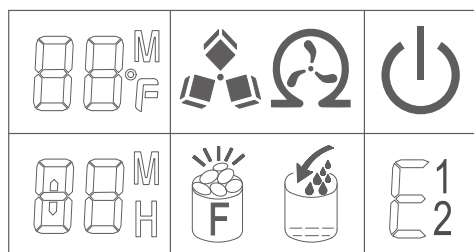


Note:

The setting only applies to the next and subsequent cycles.

Ice Full

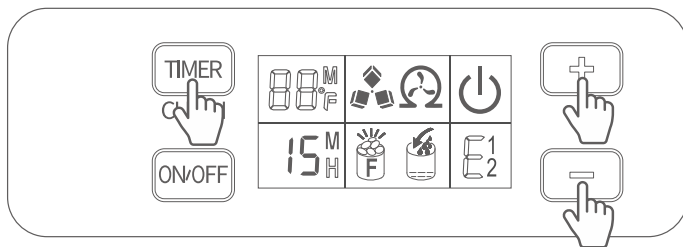
The indicator  will light up when the ice sensor detects the ice is full. Please remove the ice cubes in time, then the ice maker will resume working.



Set a Timer

You can set the auto start timer when the ice maker is in standby mode, and auto stop timer when the ice maker is making ice.

- ① Press the **TIMER/CLEAN** button. The default time is 1H.
- ② Press the +/- buttons to adjust the time as needed. Each press increases/decreases by 1 hour. The time setting range is from 1-24 hours.
- ③ After 5 seconds of no button press, the timer will be set, and the "H" symbol will stop flashing.




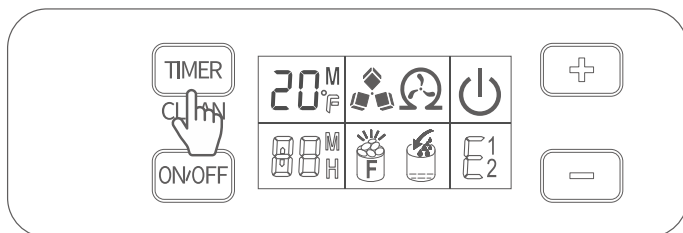
Examples:

- * In standby mode, if the display shows "5H," the ice maker will start making ice automatically after 5 hours.
- * During the ice-making process, if the display shows "5H," the ice maker will stop making ice automatically after 5 hours.

To cancel the timer, simply press the **TIMER/CLEAN** button twice.

Self-Cleaning Mode

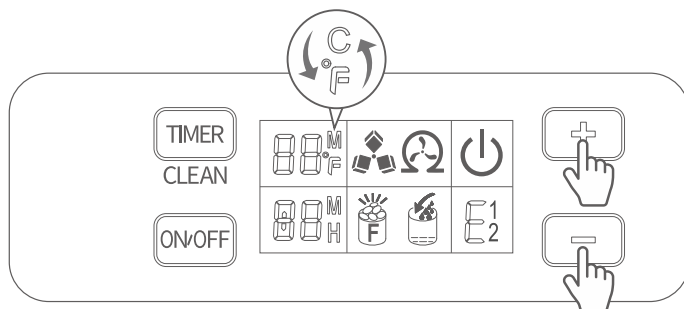
It is recommended to perform a self-cleaning before the first use. Press and hold the **TIMER/CLEAN** button for over 5 seconds to start the self-cleaning mode. During the cleaning process, the  indicator will keep rotating and the **CLEAN** light will stay lit, while the remaining time is showing in the upper left of the display.



The self-cleaning process takes about 20 minutes to complete. To exit this mode during cleaning, simply press the **ON/OFF** button.

Switch Temperature Unit

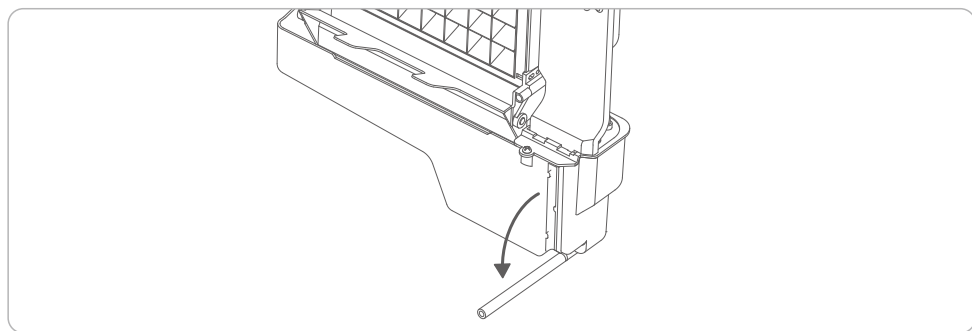
Press and hold the + or - button for over 5 seconds, the temperature unit will automatically switch between Fahrenheit(°F) and Celsius (°C).



Drain Out All Water

For regular usage, the water will automatically drain through the drain hose. But if the ice maker will not be used for a long time, or is to be moved to another place, it will be necessary to drain out all of the water in the system.

- 1 Ensure all ice cubes to be ejected from the evaporator.
- 2 Turn off and unplug the ice maker.
- 3 Shut off the main water supply.
- 4 Disconnect the water supply hose from the water inlet valve.
- 5 Remove the water drain pipe of the water tank to drain the water in the water tank. Once drained, reinstall the water drain pipe.



- 6 Drain the water from the ice maker's back drain port.

- 7 Disconnect the water drain hose from the main drain pipeline or floor drain, and plug the drain port with the cap.
- 8 Keep the ice maker's door open for air circulation.
- 9 Dry the interior & wipe the outside of the ice maker, and cover it with a plastic bag to keep it clean.

CLEANING & MAINTENANCE

Cleaning Suggestions

DAILY CLEANING

Clean the ice scoop, door, and water dividing pipe every day. Rinse the ice scoop and wipe both sides of the door with a clean cloth.

SEMI-MONTHLY CLEANING

Clean the ice shovel, ice bucket, water tank, ice-full detecting plate, and evaporator every two weeks following the interior cleaning program.

SEMI-ANNUAL CLEANING

Clean all components and surfaces exposed to water or ice cubes, such as the ice storage space, water tank, door, evaporator, water pump, silicone tube, and water dividing pipe every six months. Use Nu-Calgon Nickel Safe Ice-machine Cleaner. Have a trained service person perform the cleaning according to the ice making assembly system cleaning program.

WARNING:

- Unplug the ice maker from the power supply before performing any cleaning or maintenance tasks, except for the self-cleaning program.
- Avoid using alcohol or fumes to clean or sterilize the ice maker, as they can damage plastic parts.
- Avoid storing anything other than ice in the ice storage space. Items like wine and beer bottles are unsanitary and may cause labels to slip off, potentially blocking the drain pipe.

CAUTION

If the ice maker has been left unused for a long time, before the next use it must be thoroughly cleaned. Follow carefully any instructions provided for cleaning or use of sanitizing solution. Do not leave any solution inside the ice maker after cleaning.

Exterior Cleaning

Door and cabinet: Clean with a mild detergent and warm water solution. Do not use solvent-based or abrasive agents. Use a soft sponge, rinse with water, and wipe with a soft towel to prevent water spotting.

Stainless steel: Clean with a mild detergent and warm water solution and a damp cloth. Do not use abrasive cleaning agents.

Note:

Chlorine gas and moisture can cause discoloration in stainless steel, such as in spas or swimming pools.

Interior Cleaning

Ice Bucket

The ice bucket should be cleaned before the first use and after it has been unused for a long time and sanitized occasionally after cleaning the ice making system and when the storage space is empty.

1. Ensure the ice maker is unplugged.
2. Open the door and use a clean cloth to wipe the interior with a sanitizing solution.
3. Rinse thoroughly with clear water, allowing the wastewater to drain out.



WARNING

DO NOT use solvent cleaning agents or abrasives on the interior. These cleaners may transmit taste to the ice cubes, or damage or discolor the interior.

Ice Making System

1. If the compressor and water pump are functioning normally but there is no or minimal water flow, remove and clean the water dividing pipe carefully. Clean each small hole on the pipe, ensuring there are no blockages, and reinstall it in its original position.
2. If ice cubes are stuck on the evaporator surface and won't easily fall, avoid using mechanical force. Instead, press the **ON/OFF** button for over 5 seconds to initiate the ice harvest process. After a while, the ice cubes will fall. Then turn off the ice maker, unplug it, and clean the surface of the evaporator.

3. To clean the water tank and ice-full detecting plate, prepare a mixture of neutral cleaner and water. Use a clean water jet to spray the mixture onto the inner surfaces of the water tank and ice-full detecting plate. Wipe these surfaces as much as possible with a clean cloth. Then, spray the surfaces with clean water and wipe them dry with a clean, dry cloth. Drain the cleaned water from the water tank by pulling out the water drain pipe. Finally, reinstall the water drain pipe of the water tank once all the water has been drained.

Tip:

After cleaning the interior parts and reinstalling them, it is advisable to discard the initial batch of ice produced.

NORMAL SOUNDS


Your new ice maker may produce unfamiliar sounds, but most of them are normal.



- Continuous water running when starting: Ice maker runs a rinse cycle before producing ice.
- Swooshing sound: Water valve opens to fill the water tank for each cycle.
- Rattling noises: Refrigerant or the water flow. Items placed on top of the ice maker can also contribute to these noises.
- Pulsating or high-pitched sound: High-efficiency compressor.
- Splashing sound: Water runs from the water tank to the evaporator plate and from the evaporator to the water tank.
- You may hear air being forced over the condenser by the condenser fan and ice cubes falling during harvest.
- Gurgling sound: Refrigerant flows in the ice maker at the end of each cycle.

SPECIFICATIONS

Model	IM-SB801A
Power Supply	AC 115 V~ 60 Hz 1 Ph
Ice Making Current	2.6 A
Ice Harvest Current	3.0 A
Refrigerant	R290 2.65Oz / 75g
System Pressure	High Side: 290 psig/ Low Side: 88 psig
Net Weight	52.25lbs(23.7kg)
Dimensions	15.1*21*33.5 inches(383.54*533.4*850.9 mm)

TROUBLESHOOTING GUIDE

Issue	Possible Cause(s)	Solution
 indicator is on	No water supply	Check if the main water supply pressure is sufficient and inspect the water supply hose for any blockages.
	Floating ball of the water level detecting switch is stuck and can't be raised up	Clean the water tank and the water level detecting switch.
	Water flows out from the water tank	Place the ice maker on a level surface.
	Water flows out from the water drain pipe of the water tank	Remove the pipe and reinstall back properly.

Issue	Possible Cause(s)	Solution
During the ice making process, no water flows and indicator keeps flashing 	Water supply hose is damaged or water flows in very slowly	Check if the main water supply pressure is sufficient and inspect the water supply hose for any blockages.
Water pump works, but no water flows from the water dividing pipe	Holes on water dividing pipe are blocked	Clean the holes.
Ice cubes lack transparency	Water quality is poor	Change the water supply or use a water filter to improve water quality.
Ice cube shape is irregular	Water quality is poor or the water tank is dirty	Clean the water tank thoroughly or replace the water with clean, fresh water.
	Holes on water dividing pipe are blocked	Clean the holes.
Ice cubes are too thin	Ambient temperature is too high	Move the ice maker to a cooler space, or increase the time duration of each ice making cycle.
	Air circulation around the ice maker is poor	Ensure there is at least 2 inches of space between the back and front of the ice maker and any obstacles.
Ice cubes are too thick	Ambient temperature is too low	Reduce the time duration of each ice making cycle.
 indicator is on	Ice cubes are full	Transfer the ice cubes.
No ice cubes produced despite normal ice making cycle	High ambient temperature or high water temperature in the water tank	Move the ice maker to a cooler place (lower than 90°F/32°C), or use colder water.
	Refrigerant leakage	Contact our customer service team.
	Cooling system tube is blocked	

Issue	Possible Cause(s)	Solution
E1 error code	Ambient temperature sensor is damaged	Contact our customer service team.
E2 error code	No ice making or gas leak	Contact our customer service team.
E error code	Malfunctioning drain pump	Contact our customer service team.

If there is any issue unresolved, please contact us at: support@ecozy.com.



Intertek

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Conforms to UL STD.563
Certified to CSA STD.C22.2
No.120