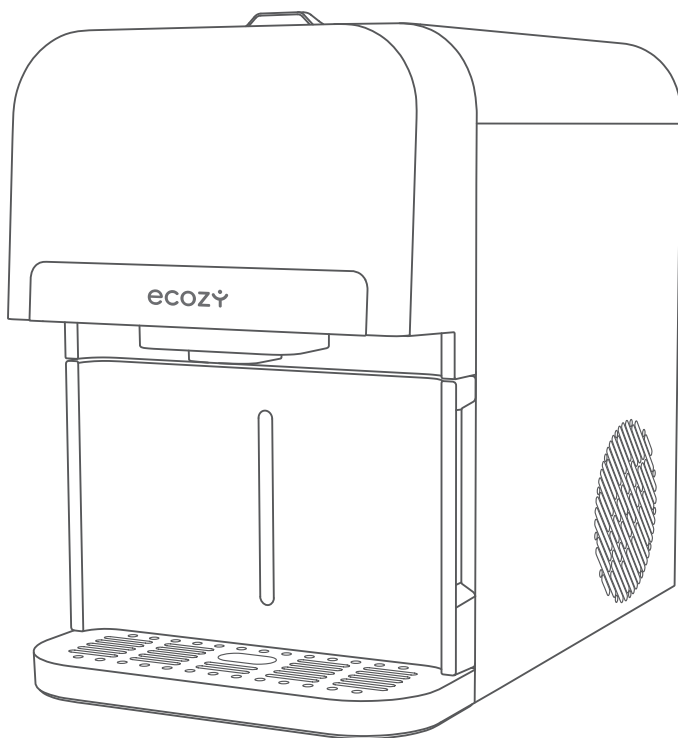


ecozy

ICE MAKER

IM-ND481B



User Manual

Please read these instructions before using your ice maker and 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 (9:00 AM-5:00 PM EST, Monday to Friday).

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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 the appliance.

- Before plugging in the appliance, ensure the voltage marked on the appliance matches your power supply. If not, do not use the appliance and contact the customer support.
- Do not remove any safety, warning, or product info labels from the ice maker.
- Use only the grounded plug for this appliance. Do not share the outlet with other devices, and ensure the plug is fully inserted.
- This appliance must be properly grounded. Use the provided power cord with a grounded plug and connect it to a well-grounded outlet.
- Avoid using an extension cord, as it may cause overheating or fire. If necessary, please:
 - (1) Use only extension cords with grounded sockets.
 - (2) Ensure the extension cord's rated power matches or exceeds the appliance's requirements.
 - (3) Do not hang the extension cord over tables or countertops to prevent accidents involving children.
- If the power cord or plug is damaged, or the appliance malfunctions, stop using it. Contact customer support or an authorized service center for inspection or repair.
- If the power cord is damaged, it must be replaced by the manufacturer, service personnel, or qualified professionals to prevent hazards.
- Warning: Ensure the power cord is not pinched or damaged when placing the appliance.
- Warning: Do not use multiple portable sockets or power supplies behind the appliance.
- Do not hang the power cord over table edges and keep it away from high-temperature surfaces to avoid damage.
- Do not place the appliance on or near high-temperature gas stoves or electric burners.
- Keep the power cord in a safe position to prevent children from pulling or tripping over it.
- Keep the power cord away from hot surfaces.
- Only use accessories provided by the manufacturer to avoid fire, electric shock, or injury.
- Avoid touching ice-making components during operation to prevent frostbite.
- Do not immerse any part of the appliance in water.
- Stop and turn off the appliance before unplugging it.
- Do not plug in or unplug the appliance with wet hands.
- Always unplug the appliance before cleaning, maintenance, or when not in use.
- Do not use unsafe or unknown water sources.
- Do not use flammable liquids to clean this appliance, as it may cause fire or explosion.

- Do not overturn the appliance. If it is accidentally tipped over, place it upright and wait for 2 hours before turning it on.
- After moving the ice maker from outdoors to indoors during winter, wait a few hours for the device to reach room temperature before plugging it.
- Do not store flammable, explosive, or corrosive substances (such as strong acids or alkalis) inside the ice maker.
- Do not store explosive items like aerosol cans containing flammable propellants in the ice maker.
- Do not use the ice maker if there is a gas leak.
- Do not store or use gasoline or other flammable materials near the ice maker to avoid the risk of fire.
- Always unplug the ice maker before moving it to avoid damaging the cooling system.
- Do not attempt to disassemble or repair the ice maker without professional guidance to avoid danger.
- 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.
- Supervise children when the appliance is in use.
- Never leave the appliance unattended when the appliance is in use.
- Do not use this appliance for other purposes than intended.
- Do not use this appliance outdoors.

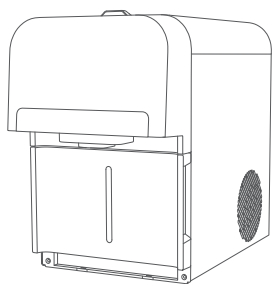
- Warning: Risk of Fire or Explosion.



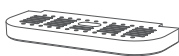
- The ice maker uses flammable foaming agents and refrigerants. Dispose of it according to local regulations.
- Follow local guidelines for disposing of flammable refrigerants and foaming agents used in the appliance.
- Warning: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Warning: Do not use mechanical devices or other methods to accelerate defrosting, except as recommended by the manufacturer.
- Warning: Do not damage the refrigerant circuit.
- Warning: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

- When moving, transporting, or using the ice maker, handle it with care to avoid damaging the refrigerant tubing, increasing the risk of leaks. Always lift and carry the machine gently. Do not forcefully move or install it.
- If the appliance 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.
- This ice maker complies with the U.S. federal regulations, including 21 CFR, Chapter 1.
- Before any repairs, ensure the machine is powered off to prevent electric shock hazards.
- Warning: Never add colored or slushy beverages into the ice maker.
- 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. Dispose Of Property In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used.
- 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.
- Keep the manual for future use.

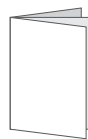
PACKAGE CONTENTS



Ice Maker



Drip Tray



User Manual

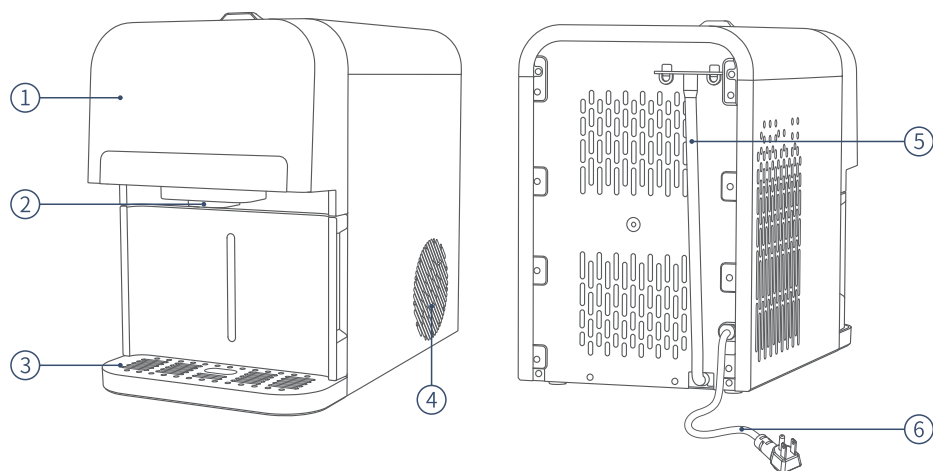


Quick Start

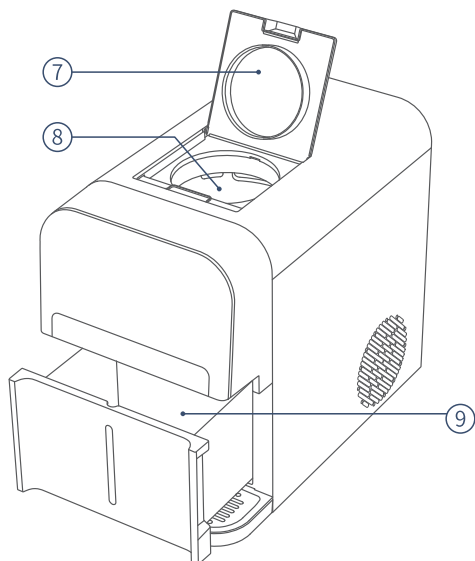
* If there is any part missing, please contact our customer service: support@ecozy.com

PRODUCT OVERVIEW

Ice Maker



- ① Control Panel
- ② Water/Ice Dispensing Spout
- ③ Drip Tray
- ④ Air Outlet
- ⑤ Water Drain Hose
- ⑥ Power Cord



- ⑦ Transparent Cover
- ⑧ Ice Basket
- ⑨ Water Tank

Control Panel



POWER Button

Press once to turn on the ice maker; press and hold to turn it off.



ICE MAKING Button

Start/stop the ice-making process.



ICE Button

Start/stop dispensing ice.



WATER Button

Start/stop dispensing water.



24/18/12/6oz Buttons

Start/stop dispensing the selected amount of water.



CLEAN Button

Press and hold to start the self-cleaning process; press again to stop.



TIMER Button

Press once to set a timer for automatic ice-making start or stop.
Press and hold for 5 seconds to modify the time.



Wi-Fi Button

Press once to adjust the brightness or turn off the LED display (high > low > off).
Press and hold for 5 seconds to prepare the ice maker for a WiFi connection.



LIGHT Button

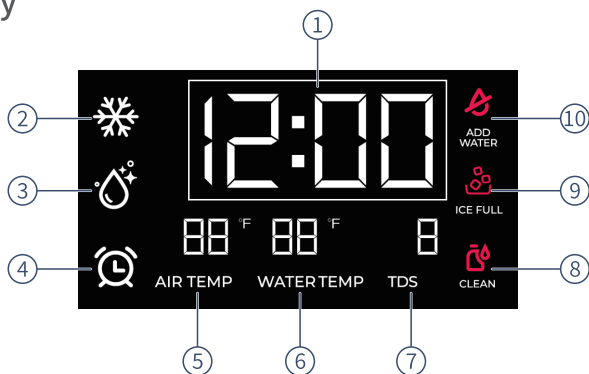
Press once to turn the light on or off.
Press and hold for 3 seconds to mute or unmute sounds.



UP & DOWN Buttons

Press to adjust the time.
Press and hold both buttons for 3 seconds to switch the temperature unit.

LED Display

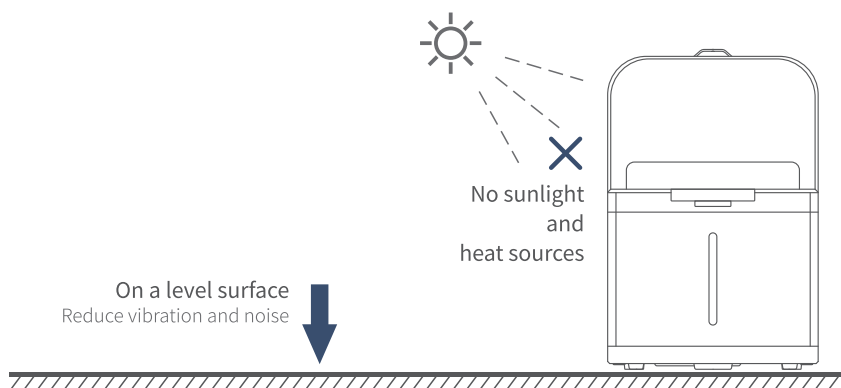


- | | |
|------------------------|---------------------------------------|
| ① Time Display | ⑥ Water Temperature |
| ② ICE MAKING Status | ⑦ TDS* (Normal: white; > 200: yellow) |
| ③ SELF-CLEANING Status | ⑧ CLEAN Reminder |
| ④ TIMER Status | ⑨ ICE FULL Alert |
| ⑤ Ambient Temperature | ⑩ ADD WATER Alert |

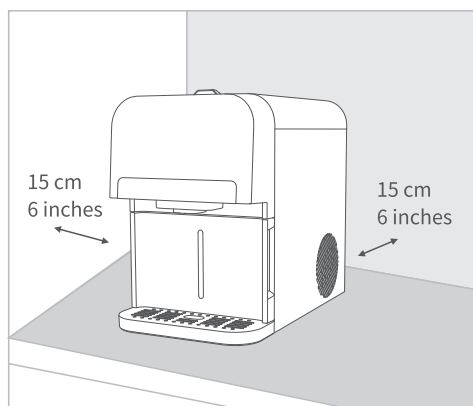
* TDS: Total Dissolved Solids

BEFORE FIRST USE

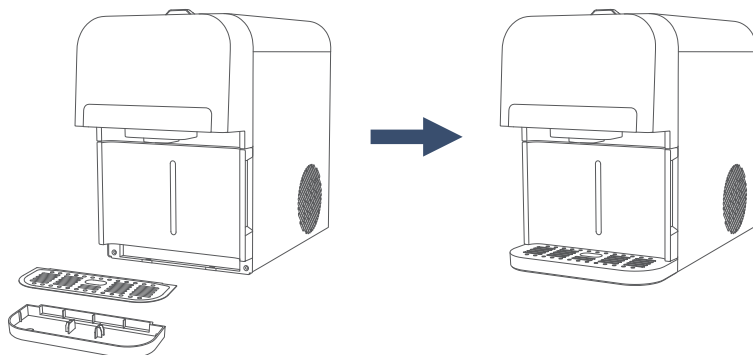
- 1 Unpack the ice maker, then remove all the packaging materials.
- 2 Clean the ice maker and the water tank with warm water and a soft cloth to remove possible odor or residue caused by manufacturing or transportation. For a thorough cleaning, refer to the **CLEANING & MAINTENANCE** section.
- 3 Place the ice maker on a level surface in a location where your ice maker is protected from direct sunlight and other sources of heat (such as a stove, furnace, or radiator). Avoid using the ice maker in temperatures below 41°F (5°C).



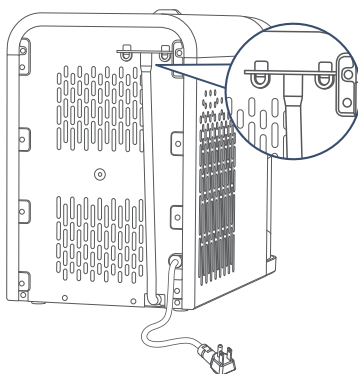
- 4 Make sure to leave at least 6 inches (15 cm) clearance on all sides of the ice maker for proper air circulation.



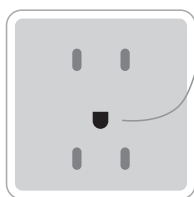
- 5 Install the drip tray cover onto the tray, and then attach the drip tray to the ice maker.



- 6 Before plugging in, please let the ice maker stand upright for 2 hours to allow the refrigerant to settle.
- 7 Ensure the drain hose at the back of the ice maker is plugged securely.



- 8 Plug the ice maker into a well-grounded outlet.



Must be grounded well.

DANGER!

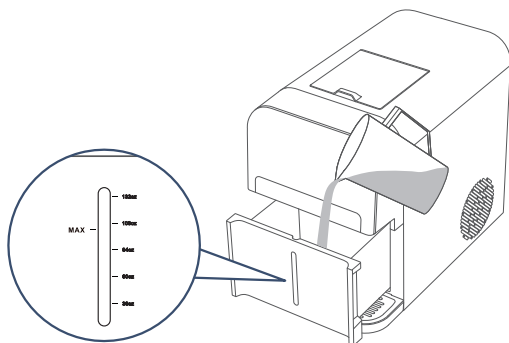
Improper use of the plug may result in the risk of electric shock.

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


USE YOUR ICE MAKER

Filling Water

Take out the water tank and fill it with filtered or purified water. For self-cleaning, add up to 36 oz of water. For ice making, add up to 132 oz if no ice has been made yet. When the ice basket is full, ensure the water level is below the **MAX** line. Then push the water tank back into place until you hear a beep.



Notes:

- * The **ADD WATER** indicator  will light up when there is not enough water in the water tank. Please add water in time.
- * For optimal performance, it's recommended to use purified water with a TDS level below 200. You can check the TDS level on the LED display during self-cleaning or ice-making. If the TDS is over 200 and the ice maker isn't working properly—such as making unusual sounds, producing slushy ice or not making ice—replace the water with purified water (TDS < 200), like bottled water.
Do not use hot water, as it could damage the ice maker. It's recommended to use water at room temperature or cooler.
- * While the ice maker is running and there's enough water, avoid removing the water tank.
- * After inserting the water tank, you may hear the pump running—this is normal.

Turning On/Off

After plugging in the ice maker, all buttons will briefly light up. Press the **POWER** button to turn on the ice maker, and all buttons will light up. Press and hold the **POWER** button to turn it off, and all buttons will go dark, excluding the **POWER** button.




Note:

After moving the ice maker, allow it to stand upright for 30 minutes before plugging it in.

Self-Cleaning



To maintain your ice maker's best performance, perform a self-cleaning cycle before first use or if it hasn't been cleaned for an extended period.

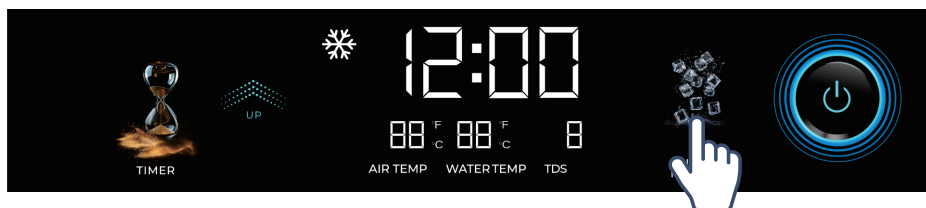
When the ice maker is turned on but not making ice, add enough water into the water tank. Press and hold the **CLEAN** button to start the self-cleaning process. The  indicator will light up. This process takes about 5 minutes, with the remaining cleaning time shown on the display. A beep will signal the completion of the cleaning process.

**Tips:**

- * This process can be manually terminated by pressing the **CLEAN** button at any time.
- * It's recommended to clean the machine weekly if the TDS level is 0–120 and every 3 days if it's 120–200.

Starting/Stopping Ice Making

When the ice maker is turned on and there's enough water in the tank, press the **ICE MAKING** button to start making ice. The  indicator will light up. Press the **ICE MAKING** button again to stop making ice, and the  indicator will turn off.

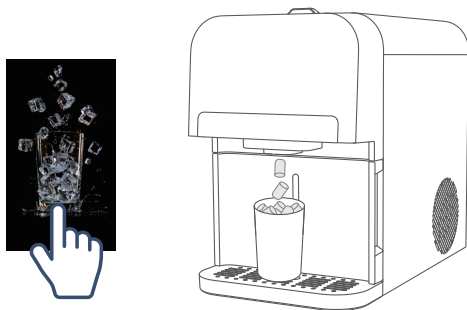


Tips:

- * During initial use, it may take up to 20 minutes to produce the first batch of ice as the system cools down. Subsequent cycles will be faster and more consistent. Final ice-making time may vary depending on water temperature and ambient conditions.
- * Before each ice-making cycle, the system automatically circulates water to prevent freezing. Normal water flow sounds may be heard during this process.
- * The rotating plate inside the ice basket will turn at regular intervals to help shape the ice evenly. This is a normal part of the ice-making process.

Dispensing Ice

Press the **ICE** button once to start dispensing ice. The **ICE** button will flash while dispensing. Press it again to stop.

**Note:**

The ice maker will automatically stop ice dispensing after 2 minutes of continuous use.

Dispensing Water

Option 1:

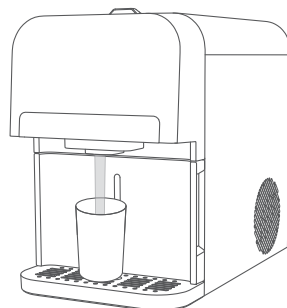
Place a cup on the drip tray and press the **WATER** button. The water will flow into the cup. Press it again to stop.

Option 2:

Press a water volume button (24, 18, 12, or 6 oz) to start dispensing water. The corresponding button will flash while dispensing. Press it again to stop, or the dispensing will automatically stop once the selected amount of water has been dispensed.



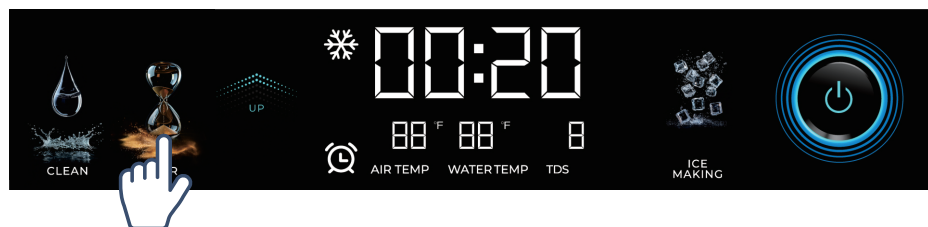
or



Notes:

- * During dispensing, the LED display shows the volume of water being dispensed in real time.
- * The light will automatically turn on during water or ice dispensing and turn off when finished.
- * The ice maker will automatically stop water dispensing after 7 minutes of continuous use.

Setting Time & Timer



Time Setting

1. When the timer is not set, press and hold the **TIMER** button for 5 seconds. "12H" will then appear.
2. Use the **UP** and **DOWN** buttons to switch between 12-hour and 24-hour formats, and then press the **TIMER** button to proceed. In 12-hour mode, the below "A" indicates AM and "P" indicates PM.
3. Use the **UP** and **DOWN** buttons to set the hour, and then press the **TIMER** button to proceed.
4. Use the **UP** and **DOWN** buttons to set the minute, and then press the **TIMER** button to complete the setting. Or, after 10 seconds of no button press, the setting will be automatically saved.

Timer Setting



You can set an auto start timer when the ice maker is turned on and not making ice, or an auto stop timer when the ice maker is making ice. The timer can be set from 30 minutes to 24 hours.

1. When the ice maker is turned on, press the **TIMER** button to enter timer setting.
2. Use the **UP** and **DOWN** buttons to set the hour, and then press the **TIMER** button to proceed.

Use the **UP** and **DOWN** buttons to set the minute, and then press the **TIMER** button to complete the setting. Or, after 10 seconds of no button press, the setting will be automatically saved.

The  indicator will light up.

Examples:

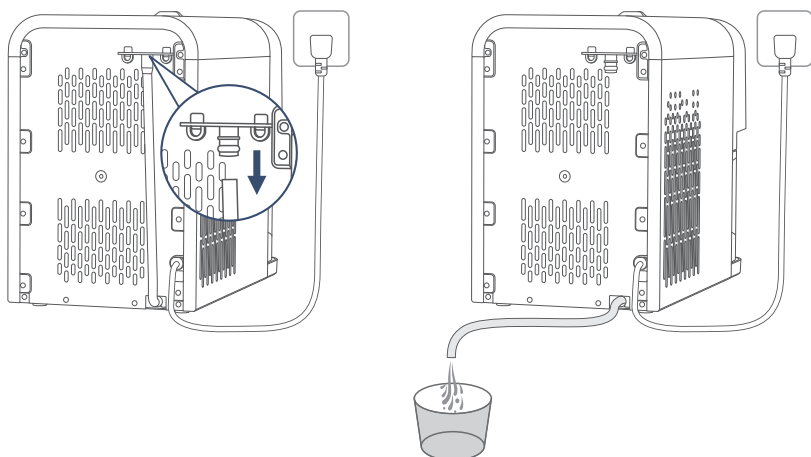
- * When the ice maker is turned on and not making ice, if the display shows 5:00 and , the ice maker will automatically start making ice after 5 hours.
- * During the ice-making process, if the display shows 5:00 and , the ice maker will stop making ice automatically after 5 hours.

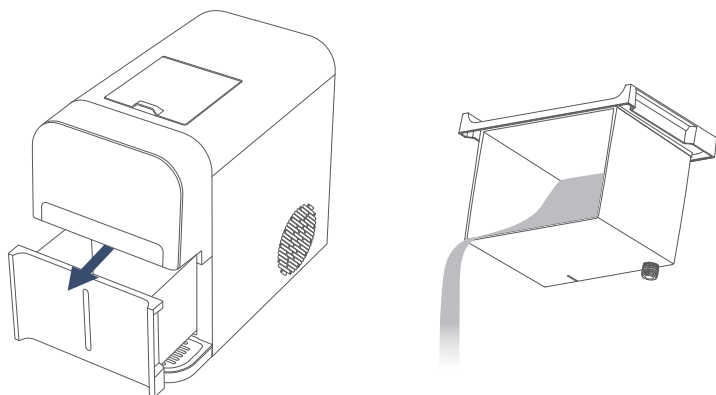
Tips:

- * To cancel the timer, press the **TIMER** button again.
- * To stop or start the ice-making process early, press the **ICE MAKING** button.
- * Self-cleaning is unavailable when a timer is active.

Draining Water

After the ice maker finishes the ice-making or self-cleaning process, you can disconnect the drain hose from the plug to drain the water. Then remove the water tank to empty the water from it.




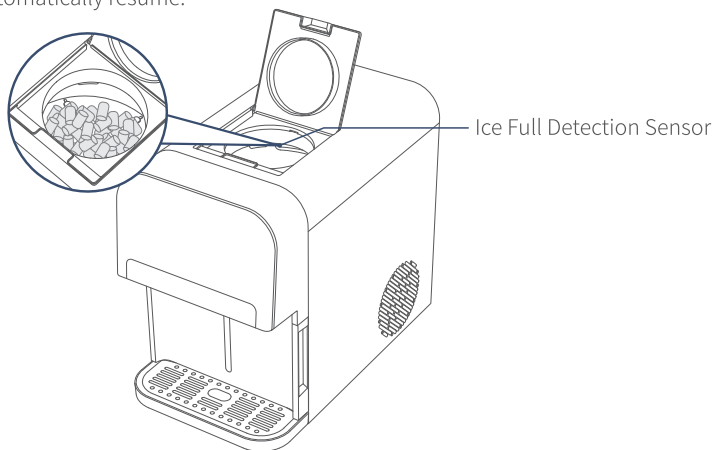


Tips:


- * Change the water weekly for better hygiene.
- * Drain all water if the ice maker will remain unused for a long time.
- * Empty the drip tray after each use.

Ice Full Alert

The  indicator will light up when the sensor detects that the ice basket is full. Dispense ice until the ice level in the basket is below the sensor, and the indicator will turn off. The ice-making process will then automatically resume.



Cleaning Alert

The  indicator will show when the ice maker requires self-cleaning. Run a self-cleaning cycle. Or, press and hold the **CLEAN** and **ICE MAKING** buttons simultaneously for 3 seconds to turn off the indicator.

Light & Sound

Press the **LIGHT** button once to turn on/off the light; press and hold the **LIGHT** button for 3 seconds to mute/unmute the sound.

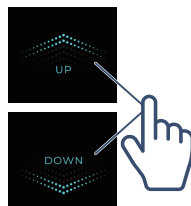
Tip:

The light will automatically turn off after it is on for 10 minutes.



Switching Temperature Unit

To switch the temperature unit between °C and °F, press and hold both **UP** and **DOWN** buttons simultaneously for 3 seconds.



OPERATING VIA APP

App Downloading

Option 1:

Search for **EcozyHome** from **App Store™/Google Play™**, then download and install it on your mobile device.

Note:

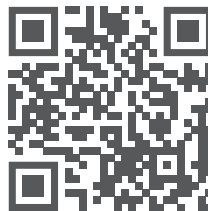
Google Play™ is a trademark of Google Inc., and App Store™ is a trademark of Apple Inc.

Option 2:

Scan the QR code below to download and install.



For iOS



For Android

App Registration and Login

Launch the app, register an account with your mobile phone number or a valid email address at your first use, then log in.

Note:

For a successful connection, please allow the app to use your **WLAN & Cellular** Data when running it.

Connect the Ice Maker with the App

IMPORTANT:

For the ice maker:

Make sure the ice maker has been connected to power and turned on.

For WiFi network:

- Before connecting, please turn on location service/GPS on your phone and grant all the permissions required by the app.
- Make sure your mobile device is connected to a 2.4GHz WiFi.
- Make sure you've entered the correct WiFi name and password when connecting.
- Make sure the ice maker, your phone and your router are close enough when connecting.

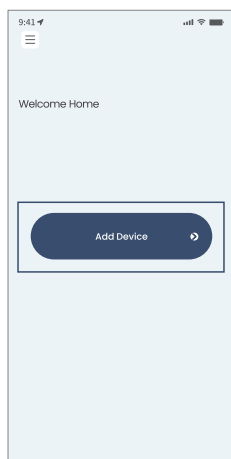
WiFi Indicator Status

Ready for connection	Flashing white
Connected	Solid white
Not connected after 5 minutes	Solid blue
WiFi signal lost after connection	Flashing blue

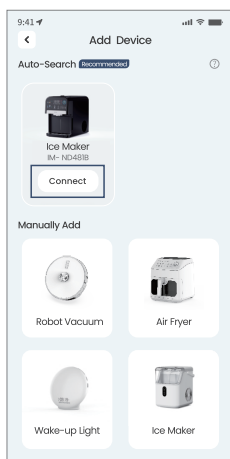
1. Auto Search

① Press and hold the **WI-FI** button for more than 5 seconds until the WiFi indicator flashes white.

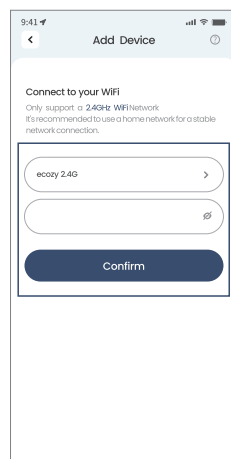
② Ensure Bluetooth is enabled on your mobile phone. Launch the app, and tap **Add Device**.



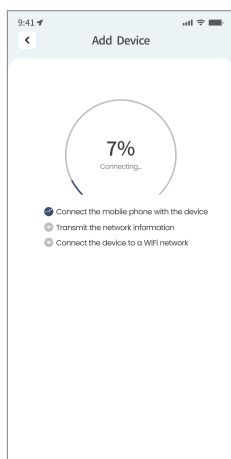
③ Tap **Connect** after your device is displayed on the page.



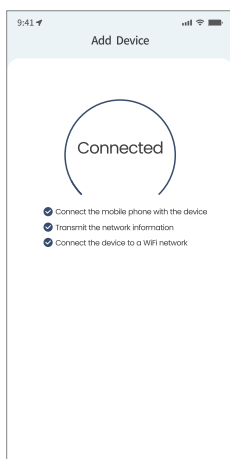
④ Select your router's WiFi and enter the correct password, then tap **Confirm**.



⑤ Connecting.

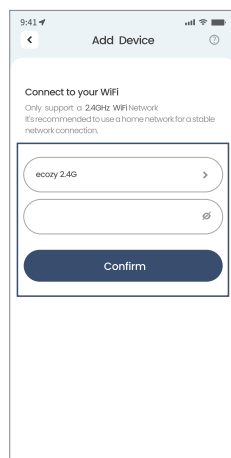
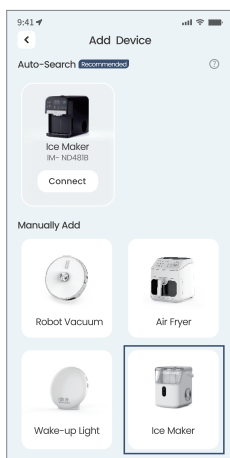
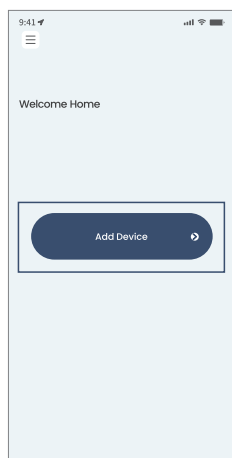


⑥ Connected. The WiFi Indicator will turn solid on.

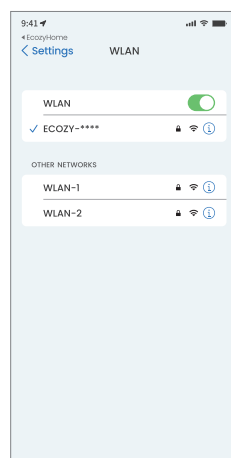
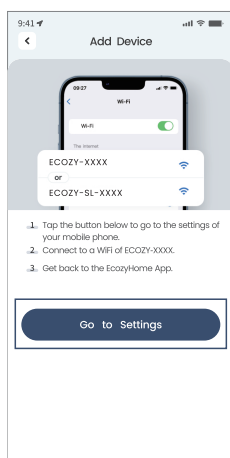
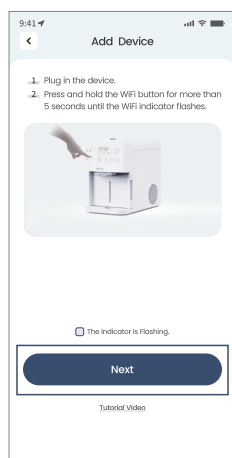


2. Add Manually

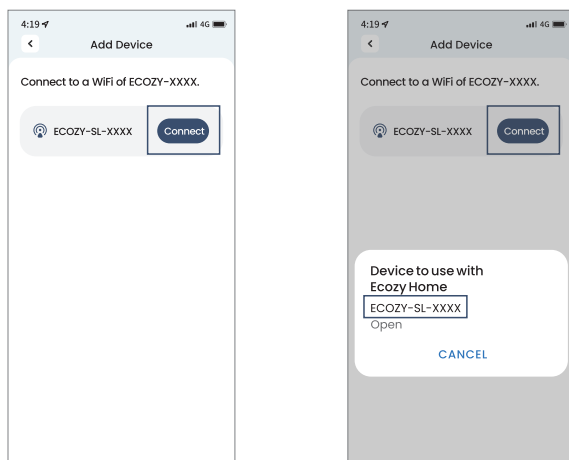
- ① Press and hold the **WI-FI** button for more than 5 seconds until the WiFi indicator flashes white.
- ② Launch the app, and tap **Add Device**.
- ③ Tap **Ice Maker**. Then select your device model.
- ④ Select your router's WiFi and enter the correct password, then tap **Confirm**.



- ⑤ Check the box and tap **Next**.

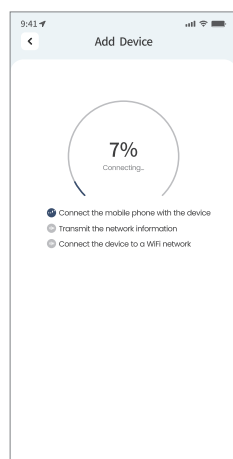


For Android devices: Tap Connect, then tap the WiFi of ECOZY-XXXX on the pop-up window.

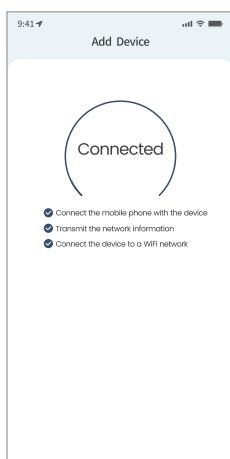


⑦ Get back to the EcozyHome app.

⑧ Connecting.



⑨ Connected. The WiFi Indicator will turn solid on.




Tip:

You can access the in-app guide for detailed instructions on using the app.

CLEANING & MAINTENANCE

To keep the ice fresh and maintain the ice maker in good condition, it's recommended to clean the ice maker thoroughly weekly.

- ① Take out the water tank and clean it.
- ② Fill the water tank with water and a cleaning solution, press the **POWER** button to turn on the ice maker, and then press and hold the **CLEAN** button to start the self-cleaning process. The cleaning takes about 5 minutes and is complete when a beep sounds and the  indicator turns off.
- ③ Disconnect the drain hose on the back of the ice maker to let the wastewater flow out completely, then reconnect it to the ice maker.
- ④ Fill the water tank with clean water, repeat the self-cleaning cycle as described in step 2 and drain the water as described in step 3 to rinse out the cleaning solution.
- ⑤ Press and hold the **POWER** button to turn off the ice maker and then unplug it.
- ⑥ Use a soft cloth soaked in warm water and vinegar to wipe the inside of the ice maker.
- ⑦ Wipe the outside of the ice maker with a damp cloth. If needed, use mild soap.

Note:

Avoid using harsh chemicals, boiling water, strong acids, or alkalis for cleaning.





- ⑧ If you don't plan to use the ice maker for a long time, drain all the water, dry all parts of the ice maker with a clean cloth, and store it properly.


SPECIFICATIONS

Model	IM-ND481B
Power Supply	120 V~ 60 Hz
Rated Current	3.0 A
Refrigerant	R600a 16g
Climate Class	N/ST

Vesicant	C ₅ H ₁₀
Net Weight	36.4lbs/16.5kg
Dimensions	19.33 x 16.34 x 10.83 inches/491x415x275mm
Enclosure	ABS Plastic
Design Pressure	High Side 200 psig; Low Side 103 psig

TROUBLESHOOTING

Issue	Possible Cause(s)	Solution
Solid 	Low water level	Add clean drinking water to the tank, push it back, and retry. If the issue persists, the water level sensor may malfunction. Contact customer support.
	Clogged filter at the bottom of the water tank	Remove and clean the filter.
	Water pump malfunction	Contact customer support.
	Water level detection error	Dry the outside of the water tank and the surface of the water level sensor in the ice basket.
Flashing 	Dispense the water while water level is low	Add clean drinking water to the tank and push it back.
Solid 	Ice basket is full	Dispense ice until the ice level in the basket is below the sensor.
	Infrared sensor malfunction	Contact customer support.
Solid 	Cleaning required	Run a self-cleaning cycle. Or, press and hold both the CLEAN button and ICE MAKING button for 3 seconds to turn off the indicator.

Issue	Possible Cause(s)	Solution
TSD indicator turns yellow 	TDS level exceeds 200, the TSD indicator turns yellow; otherwise, it remains white.	If the ice maker is working normally, no action is needed. If it's not working properly—such as making unusual sounds, making slushy ice or not producing ice—replace the water with purified water (TDS < 200), like bottled water.
No ice produced or low ice production	Poor heat dissipation	Leave a minimum clearance of 6 inches (15 cm) between the air outlet and nearby obstacles.
	High water temperature	Replace water with a temperature between 46°F and 82°F (8°C-28°C).
	High ambient temperature	Place the ice maker in an environment with a temperature between 50°F and 90°F (10°C-32°C).
	Ice-making system malfunction	Contact customer support.
No ice dispensed or slow dispensing	Ice is stuck at the dispensing spout	1. Press the ICE button to stop ice dispensing and wait about 3 seconds. Press the ICE button again. 2. Press the ICE button to stop ice dispensing, and ensure the rotary component beneath the ice basket has stopped. Open the transparent cover and use a tool to clear any stuck ice.
	Transmission mechanism malfunction	Contact customer support.
Noise occurs while removing the water tank	Water pump is working	The noise will stop automatically after 3 seconds.

Issue	Possible Cause(s)	Solution
Error Code E-1 (Above AIR TEMP)	Ambient temperature sensor malfunction	Unplug and replug the machine. If the issue persists, contact customer support.
Error Code E-2 (Above AIR TEMP)	TDS and water temperature detection malfunction	
Error Code E-3 (Above AIR TEMP)	Flow meter malfunction	
Error Code E-4 (Above AIR TEMP)	Wi-Fi module malfunction	
Display shows "OPEN"	The water tank is not fully inserted	Gently push the tank inward until a soft click is heard, indicating proper installation. Once correctly installed, the "OPEN" message will disappear.

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



Intertek
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CONFORMS TO UL STD.
60335-1 and 60335-2-24
CERTIFIED TO CSA STD. C22.2
NO.60335-1 and 60335-2-24
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