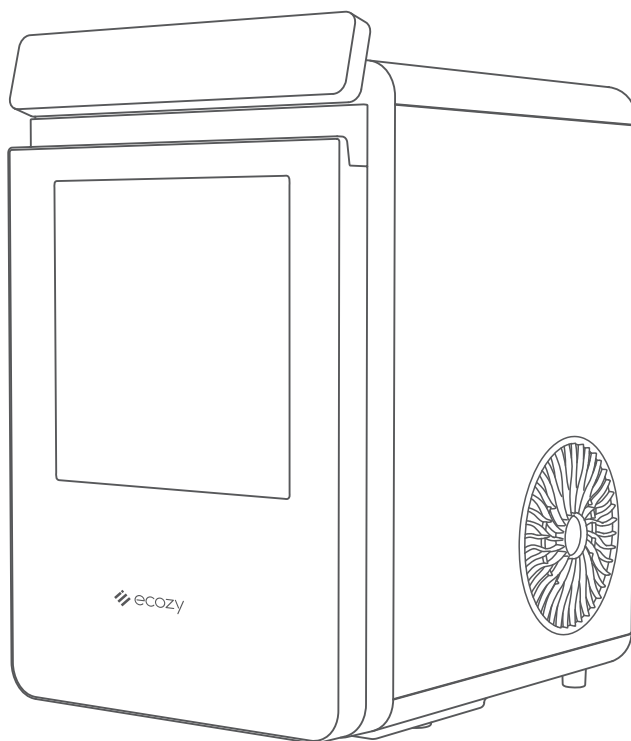




SMART NUGGET ICE MAKER

IM-NS451B



User Manual

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

ENGLISH ►

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).

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IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury during ice-making operation, always read carefully and obey all safety information.

ALL SAFETY INFORMATION WILL FOLLOW THE SAFETY ALERT SYMBOLS BELOW



SAFETY PRECAUTIONS

You need to follow these instructions and execute.



PROHIBITED MATTERS

Prohibit these operations; otherwise, it will cause danger.



Read and follow these instructions.



Plug the ice maker into a grounded 3 prong outlet with 110-120V/60Hz power supply.



Use this ice maker only for its intended purpose as described in this user manual.



It is suggested to put the ice maker in a cool and ventilated place, which will greatly improve the ice producing capacity.



Do not use other liquid to make ice other than water.



Unplug the ice maker before cleaning, repairing or servicing.



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.



Do not use flammable liquid to clean the ice maker.



Do not turn the ice maker upside down or tilt it more than 45° during transportation or use. If it happens, let it stand upright for at least one hour before plugging in and using it again.



Place this ice maker away from direct sunlight and make sure that there is at least 6 inches(15 cm) of free space between all sides of your ice maker and surrounding objects.



Keep flammable materials and vapors, such as gasoline, away from the ice maker.



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



Packaging materials can be dangerous for children. There is a potential risk of suffocation! Keep all the packaging materials away from children.



Do not use an extension cord.



Do not operate this or any other ice maker with a damaged cord.



Do not tip over the ice maker.



If the ice maker is brought in from outside in winter, please give it a few hours to warm up to room temperature before plugging in.



Do not remove the ground prong. This ice maker must be properly grounded. Never plug the power cord into a receptacle that is not grounded well and not in accordance with local and national codes. Do not plug other appliances into the same outlet.



Children should be supervised to make sure that they do not play with the appliance.



Do not place the power cord over carpets, rugs, etc. Do not cover the cord and do not submerge it in water.



This ice maker must be positioned well so that the plug is accessible.

WARNING: This appliance must be earthed.

IMPORTANT:

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

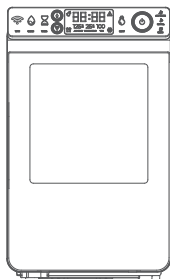
Green or Green with a strip yellow: Grounding

White: Neutral

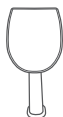
Black: Live

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

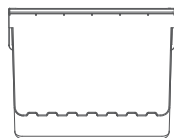
PACKAGE CONTENTS



Ice Maker x 1



Ice Scoop x 1



Ice Basket (pre-installed) x 1



User Manual x 1

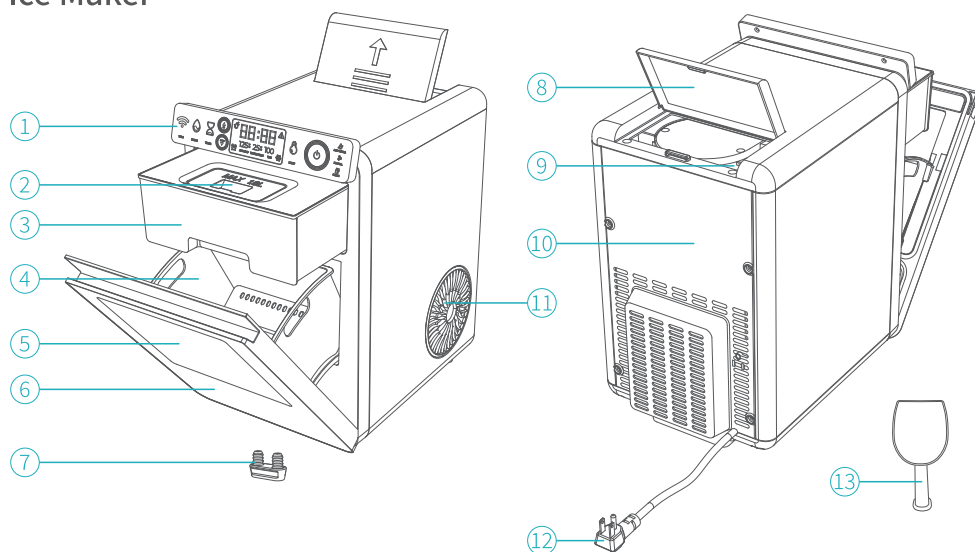


Quick Guide x 1

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

PRODUCT OVERVIEW

Ice Maker



- | | |
|----------------------|------------------------------|
| ① Control Panel | ⑧ Secondary Water Tank Cover |
| ② Water Tank Lid | ⑨ Secondary Water Tank |
| ③ Water Tank | ⑩ Rear Panel |
| ④ Ice Basket | ⑪ Air Outlet |
| ⑤ See-through Window | ⑫ Power Cord |
| ⑥ Flip Door | ⑬ Ice Scoop |
| ⑦ Water Drain Plug | |

Control Panel



Wi-Fi Button

Press this button once to turn on/off the LED display.

Press and hold this button for 5 seconds to make the ice maker ready for a WiFi connection.



CLEAN Button

Start/stop the self-cleaning procedure.



TIMER Button

Press this button once to set a timer to automatically start or stop making ice.

Press and hold this button for 5 seconds to set the time.



UP & DOWN Buttons

Press the button once to increase/decrease the time.



Press and hold the two buttons simultaneously for 3 seconds to switch the temperature unit.



LIGHT Button

Press this button once to turn on/off the light.

Press and hold this button for 3 seconds to mute/unmute the sound.



POWER Button

Start/stop making ice.



ADD WATER Alert

Lights up when there is not enough water in the water tank.



ICE FULL Reminder

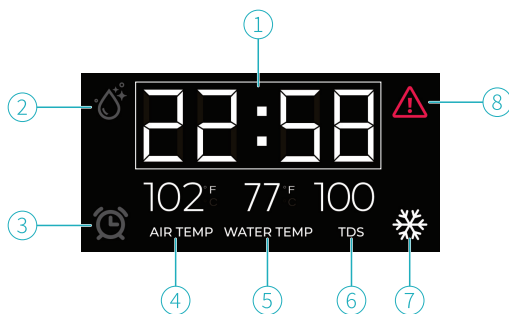
Lights up when the ice basket is full.



CLEAN Reminder

Lights up after 50 hours of continuous operation without self-cleaning.

LED Display

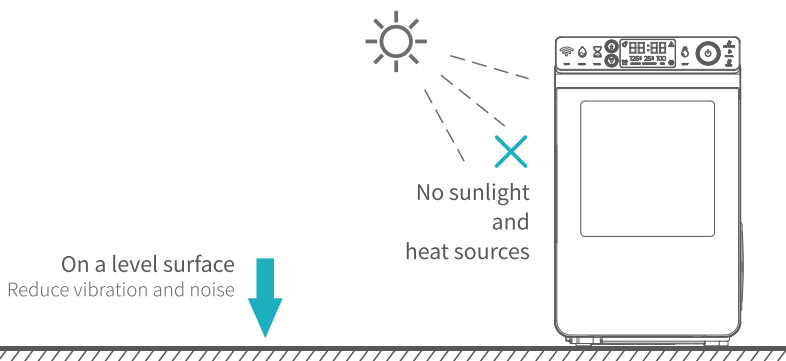


- ① Time Display
- ② Self-Cleaning Status
- ③ Timer Status
- ④ Ambient Temperature
- ⑤ Water Temperature
- ⑥ TDS* (Normal: white; TDS > 200: yellow)
- ⑦ Ice Making Status
- ⑧ Error Warning

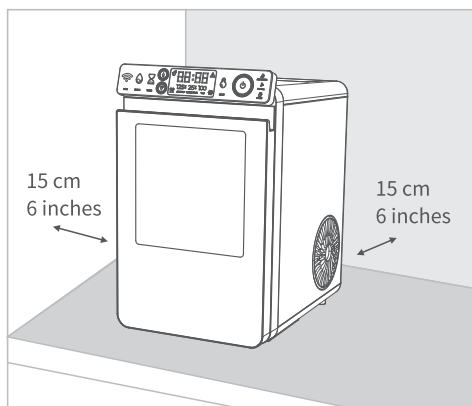
*TDS: Total Dissolved Solids

BEFORE FIRST USE

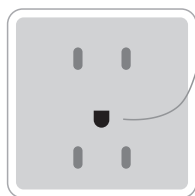
- ① Unpack the ice maker, then remove all the packaging materials.
- ② Clean the ice maker thoroughly.
 - (1) Clean the interior of the ice maker, water tank, ice basket, and ice scoop with warm water and a soft cloth.
 - (2) Clean the exterior using a mild detergent solution and warm water.
 - (3) If needed, unplug the water drain plug at the bottom of the ice maker to drain the water, then reattach the cap.
 - (4) Dry both the interior and exterior with a soft cloth.
- 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).



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



- 5 Before plugging in, please let the ice maker stand upright for 1 hour to allow the refrigerant to settle.
- 6 Plug the ice maker into a well-grounded outlet.



Must be grounded well.

DANGER!

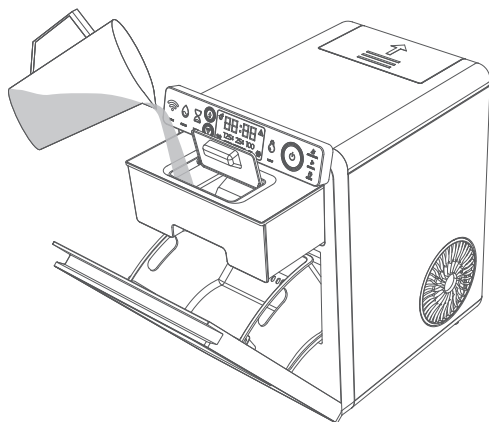
Improper use of the plug may result in the risk of electric shock.

- 7 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

Add Water

Open the flip door and pull out the water tank halfway. Open the lid and fill it with clean drinking water. Close the lid securely, and then push the water tank back into place.



Notes:

- * The **ADD WATER** indicator  lights up when there is not enough water in the water tank.
- * Please use clean drinking water. Do not use distilled water or beverages including sparkling water or coke.

Self-Cleaning Mode

To keep the optimal performance of your ice maker, we recommend performing self-cleaning before the first use or when the cleaning procedure has not been running for a long time.

When the ice maker is connecting to power and not making ice, add enough water into the water tank, and press the **CLEAN** button to initiate the self-cleaning procedure. This process takes about 20 minutes, and the display will show the remaining cleaning time.



Tips:

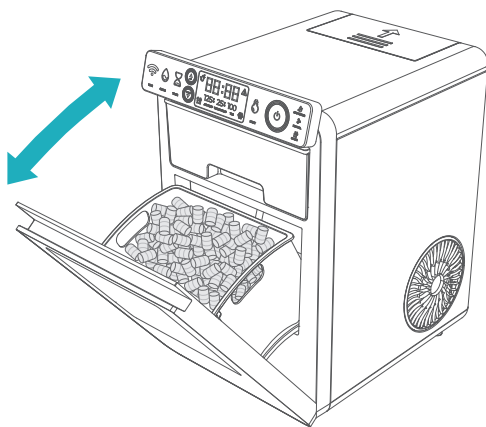
- * This process can be manually terminated by pressing the **CLEAN** button at any time.
- * If the TDS level on the LED display is 0-100, clean the machine weekly. When it's 100-200, clean every 3 days.

Start/Stop Making Ice

Press  to start making ice; the  indicator becomes solid on. Press  again to stop making ice; the  indicator turns off.



When the cycle ends, the ice will be automatically collected into the ice basket. Open the flip door and transfer the ice to a freezer in time.

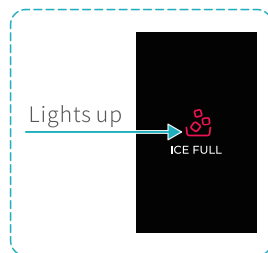


Tips:

- * Ensure the water drain plug is securely plugged when making ice.
- * The ice-making cycle duration can vary (around 10 minutes) based on ambient and water temperature. The first-time use may take longer.
- * Please gently open the flip door, especially when the ice in the basket is full.
- * If the ice basket falls into the interior, remove the water tank first, then take out the basket.

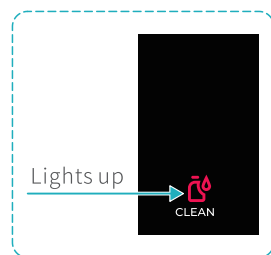
Ice Full Reminder

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



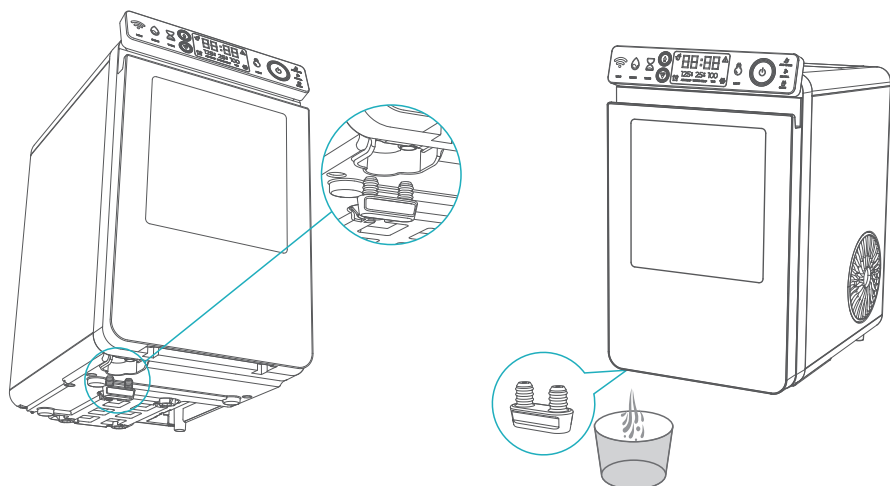
Cleaning Reminder

After the ice maker has been in continuous operation for 50 hours without undergoing a self-cleaning procedure, the  indicator will light up, accompanied by 3 beeps. It is advised to initiate a self-cleaning procedure at this point. To turn off the reminder, press the **CLEAN** button or unplug and then plug in the ice maker.



Drain Water

After the ice maker finishes the ice-making or self-cleaning process, you can take out the cap on the water drain plug to drain the water in the tank.



Tips:

- * It is better to change water every 24 hours.
- * It's recommended to drain all water before the ice maker remains unused for an extended period.
- * If the ice maker is not in use, please clean it and dry all the parts of it.

Time & Timer



Set the displayed time:

1. When the timer is not set, press and hold the **TIMER** button for 5 seconds. The hour digits will flash.
2. Use the **UP** and **DOWN** buttons to set the hour, and then press the **TIMER** button to proceed.
3. Use the **UP** and **DOWN** buttons to set the minute, and then press the **TIMER** button to complete the setting. Or, after 5 seconds of no button press, the setting will be automatically saved.

Set the timer:

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

1. Press the **TIMER** button.
2. Use the **UP** and **DOWN** buttons to set the hour. Each press will adjust the time by 1 hour. Then press the **TIMER** button to proceed.
3. Use the **UP** and **DOWN** buttons to set the minute. Each press will adjust the time by 30 minutes.
4. Press the **TIMER** button to complete the setting. Or, after 5 seconds of no button press, the setting will be automatically saved. The  indicator will become solid.

Examples:

- * In standby mode, 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.

Tip:

To cancel the timer, press the **TIMER** button.

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.



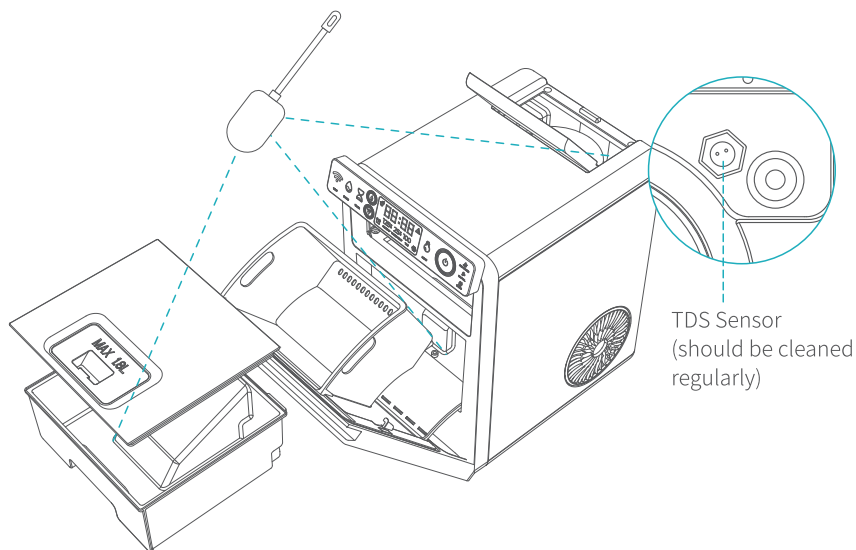
Temperature Unit

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

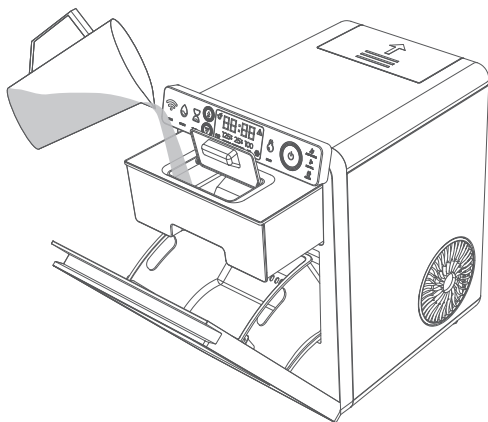


Daily and Monthly Cleaning

- 1 Unplug the ice maker and clean the internal and secondary water tanks with a soft brush.



- 2 Remove the cap of the water drain plug to drain the water.
- 3 For daily cleaning, create a solution by mixing one teaspoon of household bleach with five cups of water.
- 4 Pour the solution into the water tank, up to 0.47 gallons (1.8 liters).



- 5 Plug in the ice maker and start the self-cleaning procedure.
- 6 Drain the water.
- 7 Repeat steps 4 to 6 for two more cycles to thoroughly clean the ice maker.
- 8 Reattach the cap on the water drain plug.

Tip:

For monthly cleaning to remove mineral deposits, use white vinegar instead of the above solution. Pour it into the water tank and initiate the self-cleaning procedure. Then, unplug the ice maker and let the white vinegar remain inside for at least 12 hours.

OPERATING VIA APP

App Downloading

Option 1:

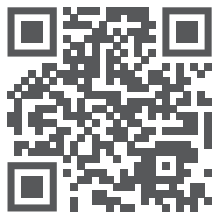
Search for **EcozyHome** from **App Store™/Google Play™**, then download and install it on your mobile device.

Note:

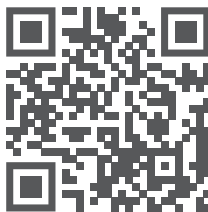
Google Play™ is a trademark of Google Inc., and App Store™ is a trademark of Apple Inc.

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.

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.

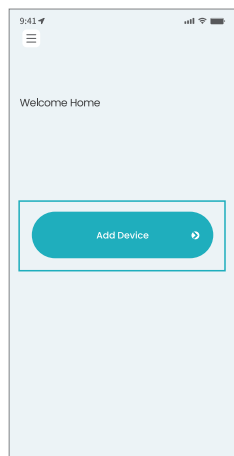
Tip:

If there is no connection after the WiFi indicator flashes for 5 minutes, the indicator will stop flashing automatically.

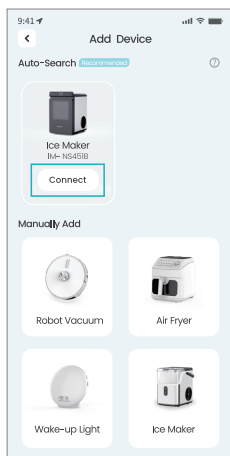
1. Auto Search

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

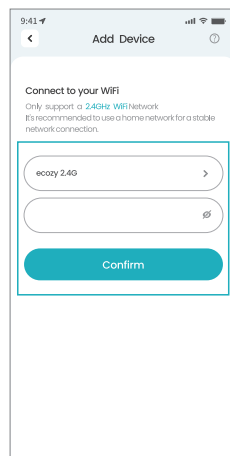
② Ensure Bluetooth is enabled on your mobile phone. Launch the app, and tap **Add Device**.



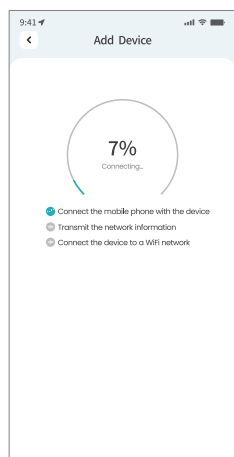
③ Tap **Connect** after your device is displayed on the page.



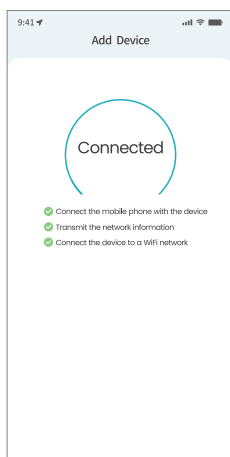
④ Select your router's WiFi and enter the correct password, then tap **Confirm**.



⑤ Connecting.



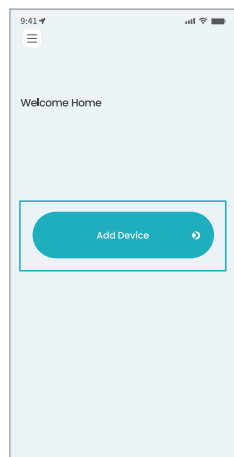
⑥ Connected. The **WiFi Indicator** will turn solid on.



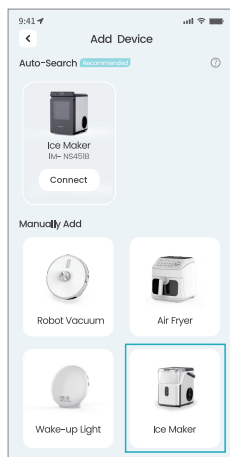
2. Add Manually

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

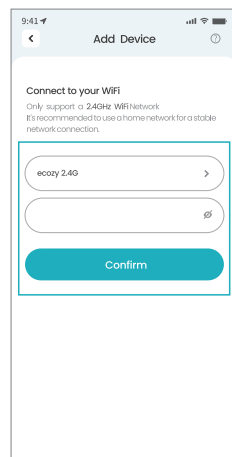
② Launch the app, and tap **Add Device**.



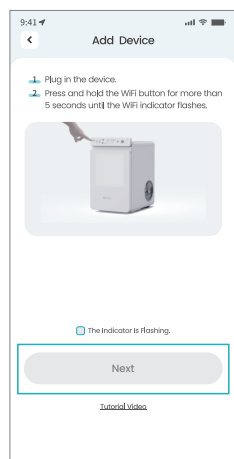
③ Tap **Ice Maker**. Then select your device model.



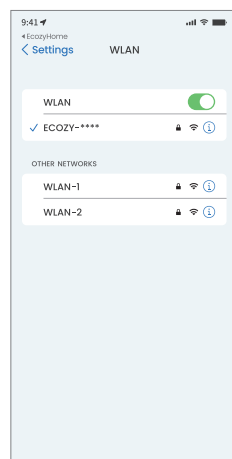
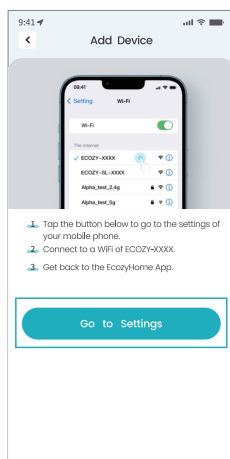
④ Select your router's WiFi and enter the correct password, then tap **Confirm**.



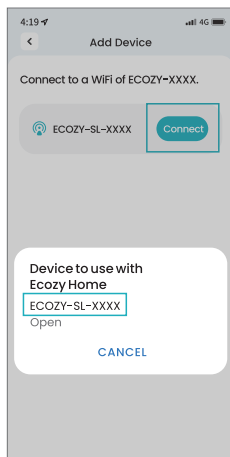
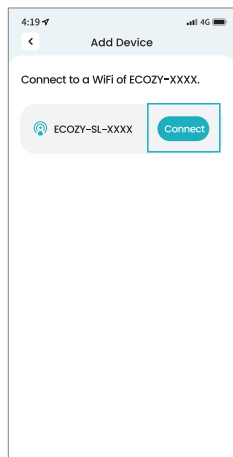
⑤ Check the box and tap **Next**.



⑥ For iOS devices: Tap **Go to Settings**, then connect to the WiFi of ECOZY-XXXX.

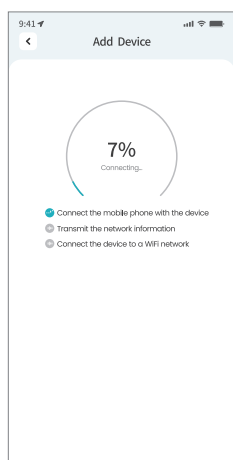


For Android devices: Tap **Connect**, then tap the WiFi of ECOZY-XXXX on the pop-up window.

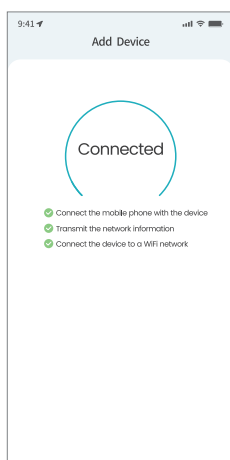


⑦ Get back to the **EcozyHome** app.

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.

SPECIFICATIONS

Model	IM-NS451B
Power Supply	AC 115 V~ 60 Hz
Power Consumption	192W
Rated Current	2.7 A
Refrigerant	R600a 21g
System Pressure	High Side: 290 psig/ Low Side: 88 psig
Net Weight	26.46 lbs/12kg
Dimensions	9.33x14.02x15.51 inches/237x356x394mm

TROUBLESHOOTING

Issue	Possible Cause(s)	Solution
ADD WATER indicator lights up	Not enough water	Turn off the ice maker, add enough water, and then restart.
	Water tank is not in place	Push the water tank firmly into position, and then restart.
ICE FULL indicator lights up	Ice basket is full	Remove the ice from ice basket.
	(If there's no ice inside)	Contact a qualified service technician for repair or customer service.
E2 Code	The system is under repair	It will automatically resume working. When this problem occurs frequently, please initiate a self cleaning.
	TDS level ≥ 200 (value shown on LED display)	Replace the water with filtered or purified water.

Issue	Possible Cause(s)	Solution
E8 Code	Temperature sensor malfunctions	Contact a qualified service technician for repair or customer service.
E9 Code	TDS sensor malfunctions	Contact a qualified service technician for repair or customer service.
E10 Code	Room temperature or water temperature in the water tank is too high	Move the ice maker to a cooler place below 90°F (32°C) and use colder water.
	Refrigerant leaks	Press the Power button twice to restart ice making. If the problem persists, contact a qualified service technician for repair or customer service.
	Cover motor malfunctions	
	Pipe in the cooling system is blocked	
Ice making is too slow	Air outlet is blocked	Maintain a minimum clearance of 6 inches (15 cm) between the ice maker's air outlet and nearby obstacles.
	Water temperature in the water tank is too high	The water temperature should range from 45°F(7°C) to 90°F(32°C).
	Refrigeration system malfunctions	Contact a qualified service technician for repair or customer service.
Water leaks	Water drain plug is not securely plugged	Securely install the cap on the water drain plug.
	Pipe joint in the ice maker may be loose	Contact a qualified service technician for repair or customer service.
	The seal has worn out	
TDS indicator on LED display turns yellow	TDS level ≥ 200	Replace the water with filtered or purified water.

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



Intertek

3149457

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