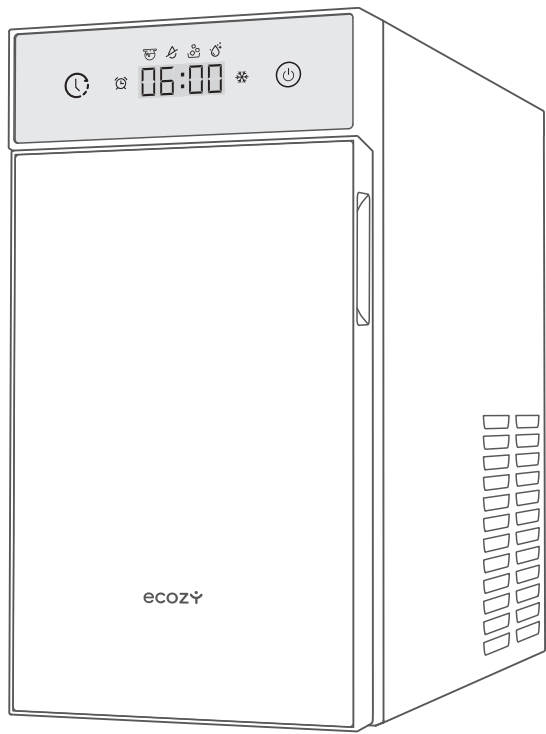


# VAULTICO ONE

Sphere Ice Maker



## 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](mailto:support@ecozy.com).

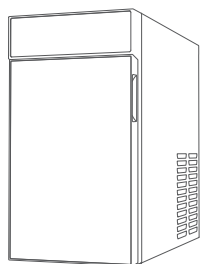
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## SAFETY INSTRUCTIONS

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- During transportation, the incline angle of the cabinet should not be over 45°. Do not turn the ice maker upside down. As this may damage the compressor and sealed system.
- Do not install the ice maker near an oven, radiator, or any other heat source.
- Ensure that the voltage indicated on the ice maker corresponds with the voltage in your home.
- Do not pull directly on wire when plugging or unplugging the unit.
- It is normal for the compressor and condenser surface to reach temperatures between 158°F (70°C) and 194°F (90°C) during operation and surrounding areas may be hot. Please don't touch it.
- Due to fast freezing, ice balls may appear “cloudy”. This is trapped air in the water and it will not affect quality or taste of ice.
- If ice is abnormal, please contact our service team.
- Disconnect power before 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.
- WARNING – Fill with bottled, filtered, or purified water only. Do not fill with fruit juices or other drink types.
- WARNING – Keep the air vents on the sides of the machine unblocked at all times.
- WARNING – Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING – Do not damage the refrigerant circuit.

# PACKAGE CONTENTS



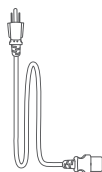
Ice Maker x 1



Ice Basket (pre-installed) x 1



Ice Tongs x 1



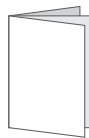
Power Cord x 1



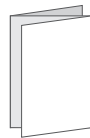
Hook x 1



TDS Meter x 1



User Manual x 1

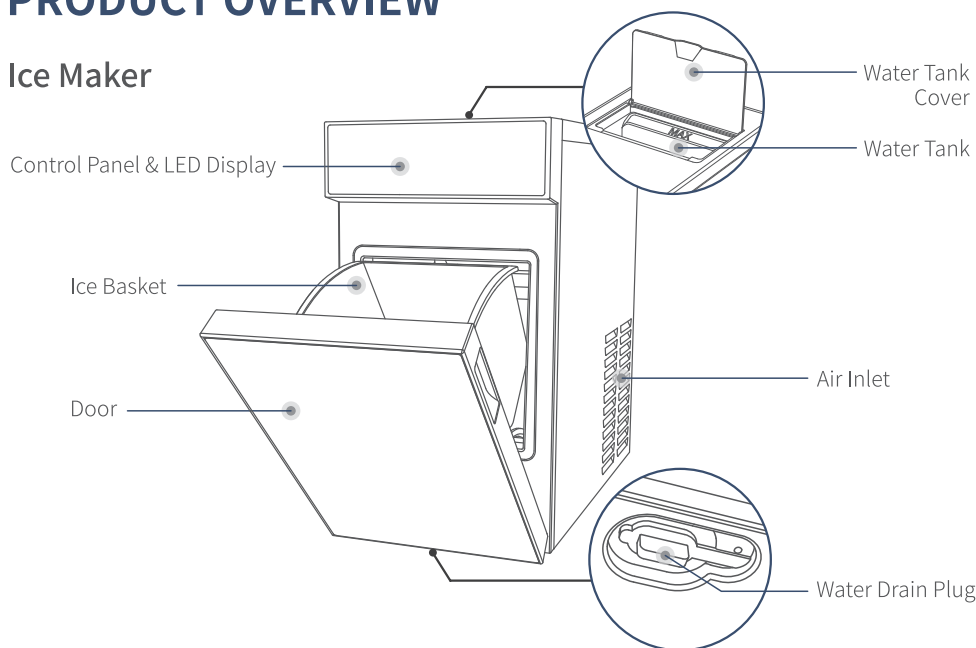


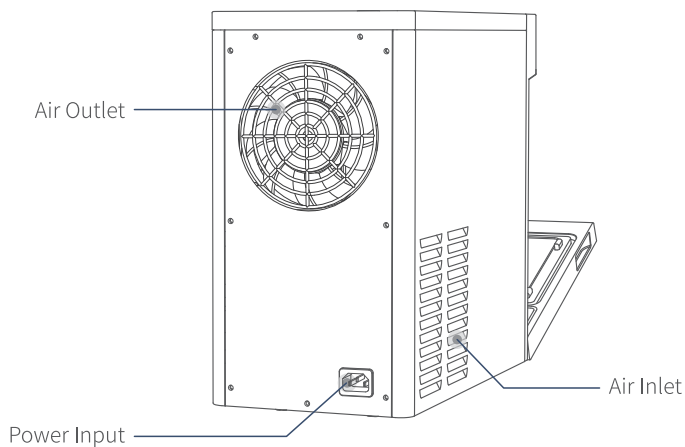
Quick Guide x 1

\* If there is any part missing, please contact our customer service: [support@ecozy.com](mailto:support@ecozy.com)

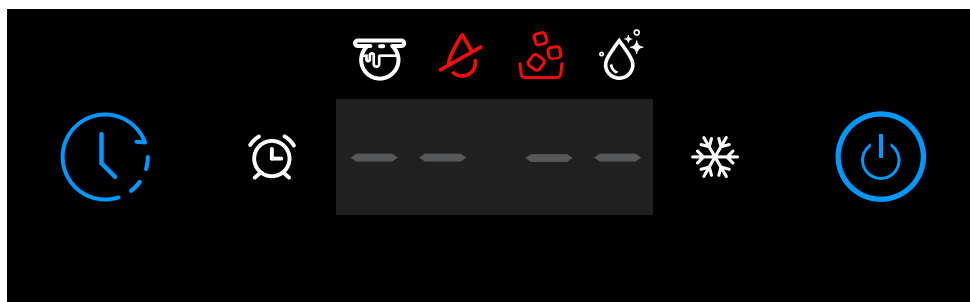
# PRODUCT OVERVIEW

## Ice Maker





## Control Panel & LED Display



### Start/Stop/Cleaning Button



In standby mode, press to start/stop ice-making.

In standby mode, press and hold for 3 seconds to activate self-cleaning; press again to cancel.

During operation, press and hold for 5 seconds to reset the ice maker to standby mode.

### Timer/Light/Mute Control Button



Press to turn on/off the light.

In standby mode, press and hold for 3 seconds to set an ice-making auto-start timer.

During ice-making or self-cleaning, press and hold for 5 seconds to mute/unmute the button sound.

**Timer Indicator**

Lights up when a timer is set.

**Ice Harvesting Indicator**

Lights up during ice harvesting.

**Add Water Indicator**

Lights up when there is insufficient water in the water tank.

**Ice Full Indicator**

Lights up when the ice storage is full.

**Cleaning Indicator**

Lights up when the ice maker is performing self-cleaning.

**Ice Making Indicator**

Lights up when the ice maker is making ice.

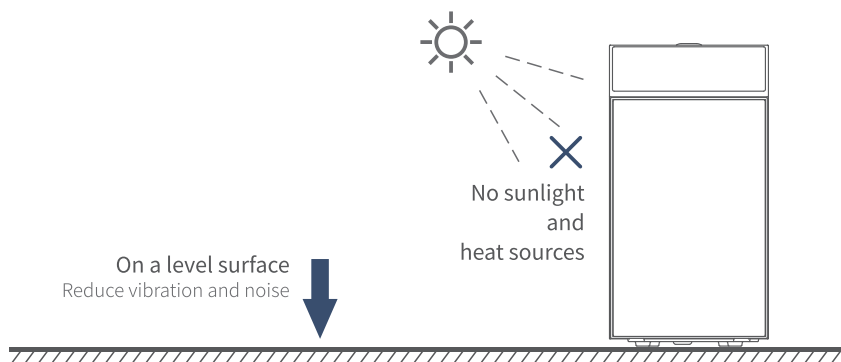
**E1** Ambient temperature sensor malfunction

**E2** Water temperature sensor malfunction

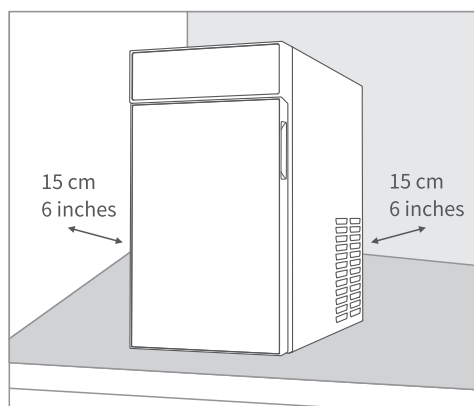
**E3** Ice full sensor malfunction

## BEFORE FIRST USE

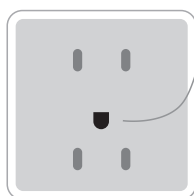
- 1 Unpack the ice maker, then remove all the packaging materials.
- 2 Clean the interior of the ice maker, ice basket and ice tongs with warm water and a soft cloth 3-5 times to remove possible odor or residue caused by the manufacturing or transportation.
- 3 Place the ice maker on a flat, level surface 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 2 hours to allow the refrigerant to settle.
- 6 Connect the power cord to the ice maker, then plug it into a well-grounded outlet.



→ Must be grounded well.

**DANGER!**

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

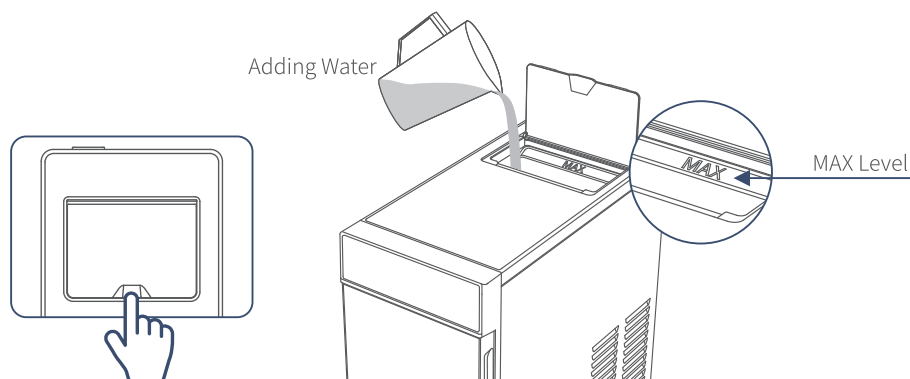
- 7 There may be water vapor in the product, which is normal because we have tested all our products before they left the factory.





# USE YOUR ICE MAKER

## Add Water

Lift the tank cover and fill the tank with clean drinking water. Make sure that the water level is below the MAX line. Then close the cover.





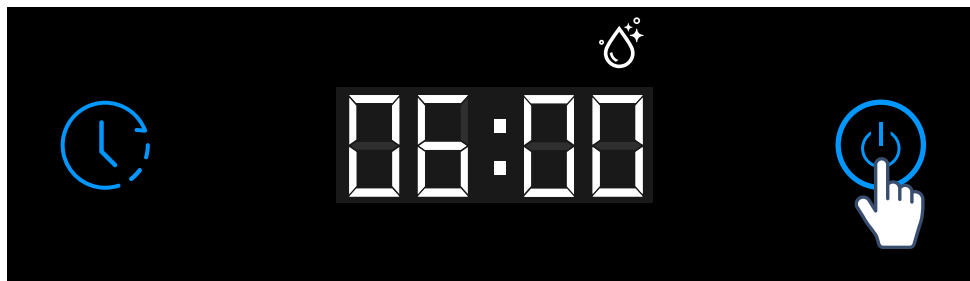
### Notes:

- \* The  indicator lights up when there is not enough water in the water tank. Add sufficient water, then press the  button to restart ice-making. Otherwise, the ice maker will automatically resume after 15 minutes.
- \* For optimal ice quality, use filtered or purified water with a TDS (Total Dissolved Solids) value below 200. High TDS levels may cause ice balls to appear cloudy or less transparent. You can check the water's TDS value using the provided TDS meter.

## Self-Cleaning Mode



It is recommended to run the self-cleaning process before the first use or after the ice maker is unused for over 48 hours.

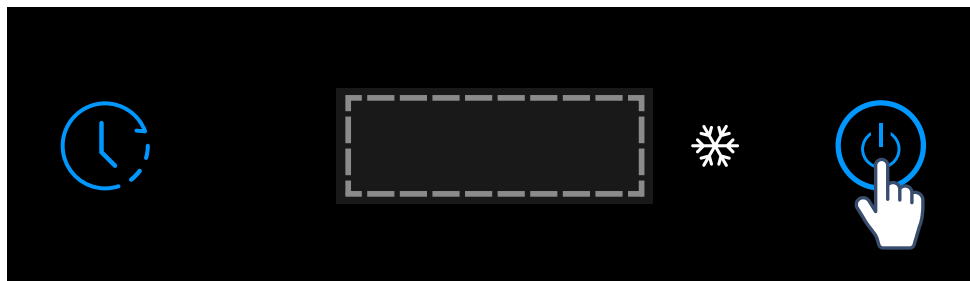
After plugging in the ice maker, the ice maker is in standby mode. Fill the water tank with lukewarm water, then press and hold the  button for 3 seconds to start self-cleaning. The self-cleaning process consists of 2 cycles and takes about 6 minutes to complete. During the cleaning process, the  indicator will be on.



To stop the cleaning process, press the  button once.


## Start/Stop Making Ice

Ensure the ice maker is in standby mode and add enough water to the water tank, then press the  button. The ice maker will start making ice, with  staying lit. To stop making ice, simply press the  button.




### Tip:

One ice-making cycle typically lasts about 30 minutes but may vary slightly depending on ambient and water temperatures. The initial cycles may take longer.

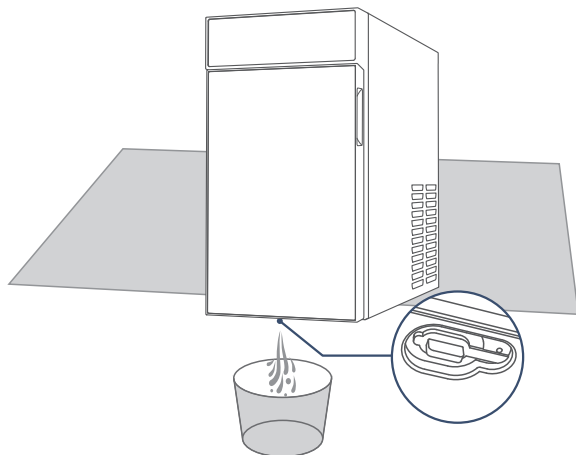
After the ice-making cycle finishes, the ice maker will automatically enter the ice-harvesting process, with  staying lit. This process takes about 3 minutes. The ice ball will drop into the ice basket.

## Ice Full

The indicator  will light up when the ice full sensor detects that the ice basket is full. Please remove the ice balls from the ice basket, and then the ice maker will resume making ice.




## Water Drain

After the ice maker finishes ice-making or self-cleaning, move it to the edge of the counter and remove the **Drain Plug** located at the bottom to drain residual water.



## Timer

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

- ① Press and hold the  button for 3 seconds to enter the setting mode. A flashing 0:00 will appear.
- ② Press the  button repeatedly to cycle through time options: 01:00, 02:00, 04:00, 06:00, 08:00, and 00:00. After 5 seconds of no button press, the setting saves automatically. The  indicator lights up on the display.




### Example:

If set to 06:00 (display shows 06:00 and solid ), the ice maker will automatically start making ice after 6 hours.


### Tip:

To cancel the timer, press and hold the  button for 3 seconds.

## Light

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

## Mute/Unmute

During the ice-making or self-cleaning process, press and hold the  button for 5 seconds to mute/unmute the button sound.

# SPECIFICATIONS

Model	IM-BM102C
Power Supply	110-120V/60HZ
Rated Current	1.8A
Refrigerant	R290/0.459OUNCES
Net Weight	19.4 lbs / 8.8 kg
Dimensions	14.25×6.85×12.99 inches/362×174×330 mm
System Pressure	High Side 280 psig; Low Side 90 psig

# TROUBLESHOOTING

Issue	Possible Cause(s)	Solution
Compressor works abnormally with a buzzing noise	Voltage lower than recommended	Stop the ice maker and wait until the voltage is normal before restarting.
	Compressor malfunction during transportation	Stop the ice maker, place it on a flat surface for 24 hours, then restart.
E1 warning code	Ambient temperature sensor malfunction	Unplug the ice maker, wait for 5 minutes, then plug it back in. If the problem persists, contact customer support.
E2 warning code	Water temperature sensor malfunction	Unplug the ice maker, wait for 5 minutes, then plug it back in. If the problem persists, contact customer support.
E3 warning code	Ice full sensor malfunction	Unplug the ice maker, wait for 5 minutes, then plug it back in. If the problem persists, contact customer support.
Machine runs, but water gets warmer	Magnetic valve not working	Start making ice for 1 minute, then stop and unplug the ice maker. Repeat this process 5 times, then restart.
	Magnetic valve malfunction	Contact customer support.
Ice making process seems correct, but no ice is made	No refrigerant in the compressor	Contact customer support.
Half-white ice ball or large center hole	Clogged water outlet in ice mold	Clear the clogged outlet using a toothpick or needle, run a self-cleaning cycle, and then restart ice production. If the problem persists, contact customer support.
All ice balls appear white/cloudy	High TDS (Total Dissolved Solids) in the water	Run a self-cleaning cycle and switch to filtered or purified water with a TDS level below 200 ppm.

If there is any issue unresolved, please contact us at: [support@ecozy.com](mailto:support@ecozy.com).



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**Intertek**

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Conforms UL Std. 60335-1&60335-2-24

Cert. to CSA Std. C22.2

No.60335-1&60335-2-24