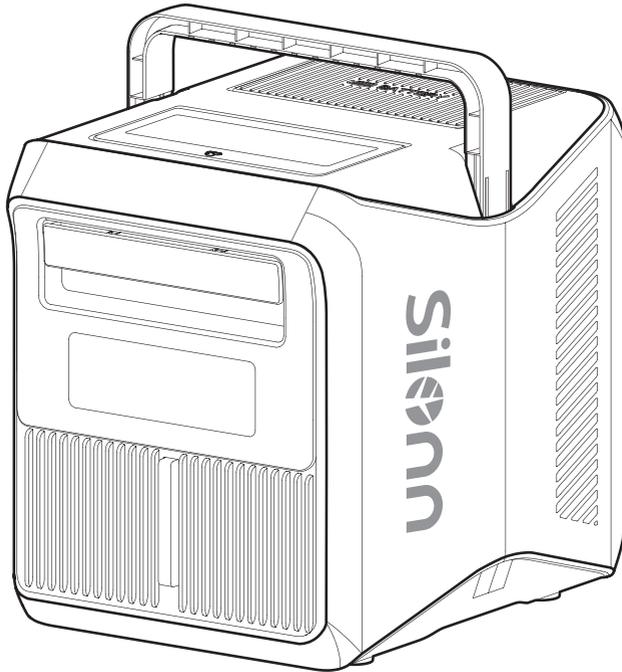


# INSTRUCTION MANUAL

Rev03

# Silonn

**SLIM39**



## Ice Maker

877-546-8603  
(US/CA) Mon-Fri 8am - 8pm (CST)

support@silonn.com  
www.silonn.com

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# IMPORTANT SAFETY INFORMATION

To reduce the risk of injury or property damage, please follow these safety precautions.

## WARNING



- Voltage power from outlet must match specifications on appliance nameplate.



- Using an extension cord may cause overheating and increase the risk of fire.

If an extension cord **MUST** be used:

- 1) **Only use an** extension cord with grounding plug.
- 2) The marked rating of an extension cord **must be** equal to or greater than the rating of this appliance.

- **Do not** operate if any component, including the cord or plug, is damaged.
- Unplug the unit before cleaning by hand.



- Only responsible and capable adults should operate the ice maker.

- **Do not** place the power cord where it could be pulled by children or pose a tripping hazard.
- Children should not be left unattended near the ice maker during operation.



- **Do not** use water that is micro-biologically unsafe or of unknown quality.



- **Do not** remove any safety, warning, or product information labels from the unit.



- **Do not** touch the evaporator with your hands while the ice maker is operating.
- **Do not** plug in or unplug the unit with wet hands.



- The unit **must be** placed and set up according to installation instructions before use.



- **Do not** store or use flammable vapors or liquids near the unit.
- **Do not** immerse any part of the unit in water.



- **Do not** attempt to disassemble, repair, modify or replace any part of the ice maker unless permitted by the manufacturer.

## ATTENTION



- To minimize the risk of fire hazards due to incorrect parts or improper operation, ice maker parts should only be replaced with parts that have the same specifications. Maintenance should only be performed by authorized service personnel.
- The ice maker should be installed in accordance with the Safety Standard for Refrigeration Systems, ASHRAE 15.
- The ice maker should not be installed in hallways or corridors of public buildings.

## WARNING



This unit contains a flammable refrigerant (isobutane, also known as R134a). To reduce the risk of injury or property damage, adhere to the following safety precautions:

- **DANGER** - Risk of fire or explosion. Flammable refrigerant used. **Do not** use mechanical devices to defrost the ice maker.
- **CAUTION** - Risk of fire or explosion due to flammable refrigerant. **Do not** puncture refrigerant tubing.
- **CAUTION** - Consult the repair manual or owner's guide before attempting to install or service this product. All safety precautions must be followed.
- **CAUTION** - Dispose of this unit in accordance with federal, state, and local regulations regarding flammable refrigerants.
- **CAUTION** - Ensure proper ventilation when operating or servicing the unit to prevent accumulation of refrigerant gases.



1. When handling, installing, and operating the unit, care should be taken to avoid damage to the refrigerant tubing.



2. Only dispose of the unit according to Federal and Local Regulations. Contact your local authorities for the environmentally-safe disposal of the unit.



3. Keep ventilation openings around the unit's enclosure clear of obstruction.



4. **Do not** place the unit near heat sources such as an oven.

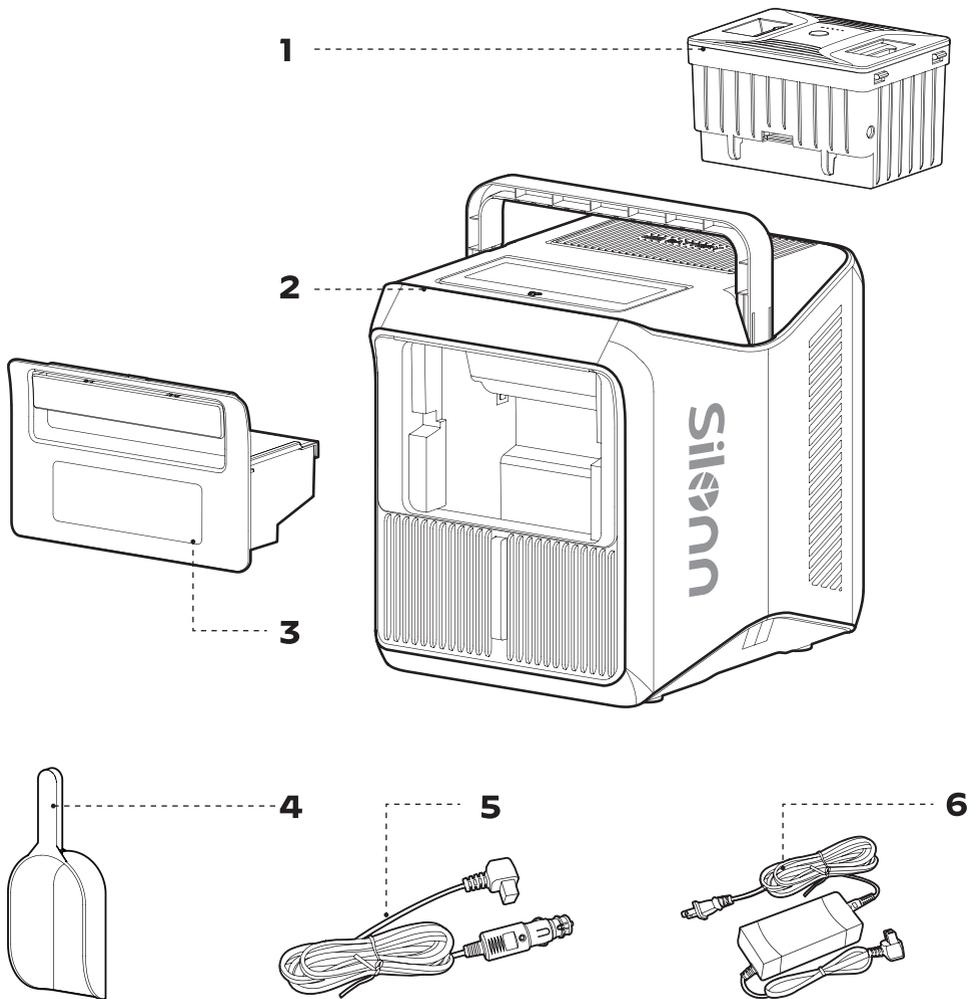


5. Ensure a minimum of three inches of clearance around the side and back walls of the unit for proper air circulation.



6. **Do not** place the unit in direct sunlight.

# PRODUCT INTRODUCTION



**1.** Rechargeable Battery  
(Optional)

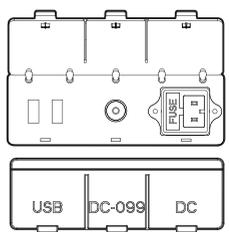
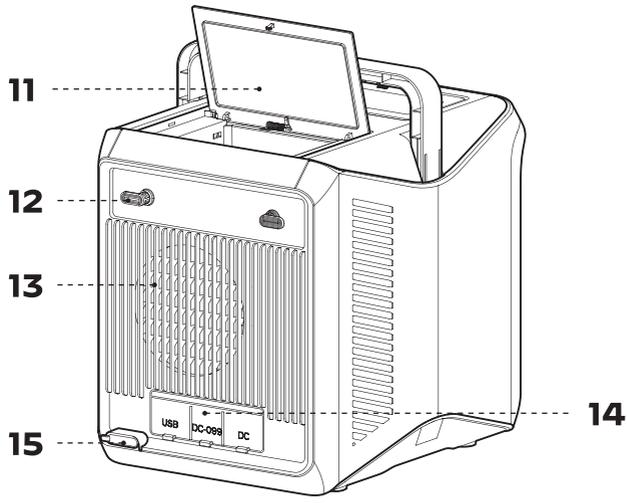
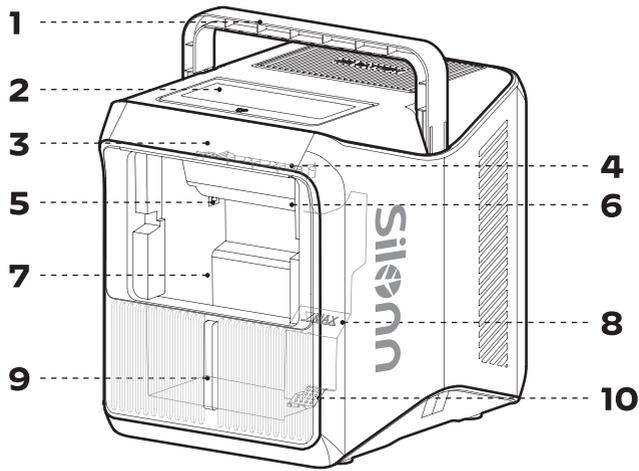
**2.** Ice Maker

**3.** Ice Basket

**4.** Ice Scoop

**5.** Car Cigarette Lighter Cable

**6.** Adapter Cable

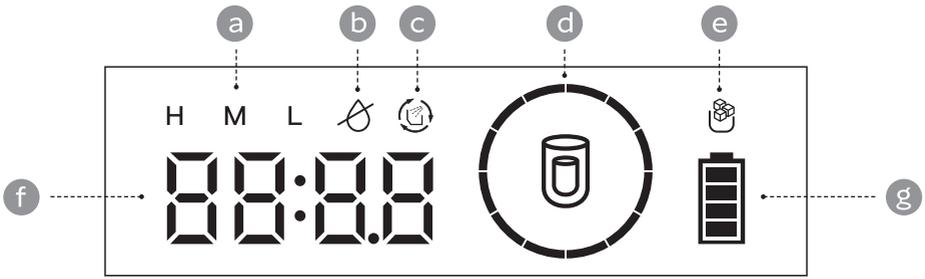


- 1.** Handle
- 2.** Flip Cover
- 3.** Control Panel
- 4.** Evaporator
- 5.** Ice Full Sensor
- 6.** Ice Tray
- 7.** Water Tank
- 8.** Maximum Water Fill Line
- 9.** Water Level
- 10.** Water Filter
- 11.** Battery Compartment
- 12.** Cable Wraps
- 13.** Air Exhaust Fan
- 14.** Charging Port
- 15.** Drain Plug

# CONTROL PANEL INTRODUCTION



	Button/Icon	Function
1	 ON/OFF	<p>After plugging into power, the machine enters standby mode with decimal point flashing.</p> <hr/> <p>In standby mode, press and hold this button for 3 seconds to start making ice.</p>
2	 MODE	<p>Press this button to choose ice cube size.</p> <hr/> <p>Press and hold this button for 3 seconds to enter battery protection mode. Short press to switch between "H," "M," and "L."</p> <p><b>Note:</b> When a rechargeable battery power supply is used, battery protection mode will switch to "L" automatically. The other levels will be disabled.</p>
	 ON/OFF   MODE	<p>In standby mode, press and hold the <b>ON/OFF</b> and <b>MODE</b> buttons to enter or exit from self-cleaning mode.</p> <hr/> <p>In self-cleaning mode, the  indicator flashes and the countdown for self-cleaning is 3 min.</p> <p><b>Note:</b> To run the self-cleaning cycle, the machine needs at least 500mL of water.</p> <hr/> <p>After self-cleaning ends, the  indicator flashes to indicate that water needs to be added.</p> <hr/> <p>If you want to shut off the machine during ice-making, press the <b>ON/OFF</b> and <b>MODE</b> buttons together to force ice-harvest.</p>



	Display	Meaning
<b>a</b>	H M L	Remains lit to indicate which level of battery protection mode is selected. ----- Protection level: <b>H</b> : highest, <b>M</b> : middle, <b>L</b> : lowest. The default setting is "H" level.
<b>b</b>		Remains flashing when the water tank is low.
<b>c</b>		Remains flashing when in self-cleaning mode.
<b>d</b>		Remains lit when large or small ice size is selected. -----  Large ice cube. -----  Small ice cube.
<b>e</b>		Remains flashing when ice is full and ready.
<b>f</b>		Displays countdown for 3 min self-cleaning process. ----- Displays "EX" (X stands for digit) when error occurs. -----  displays during ice-harvesting process and flashes after ice-harvest is complete. -----  flashes in standby mode.
<b>g</b>		Displays remaining power.

# USING YOUR ICE MAKER

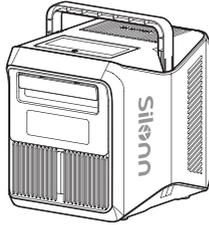
## BEFORE FIRST USE

### 1.

Verify all parts and ice maker accessories were received.  
Missing parts? Contact Customer Service.



Stand upright for 24hrs.



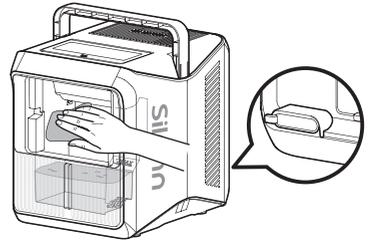
Use in locations  
50°F ~ 90°F  
(10°C ~ 32°C).



### 2.

Carefully **remove the protective film** and clean the ice maker thoroughly before first use.

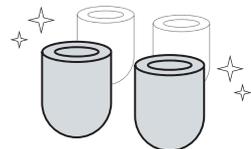
**Note:** Make sure the drain plug is installed in place.



The evaporator drops 9 pcs of ice in each set. When using for the first time, or if the machine has not been used in a long time, please discard the first 4 sets of ice.

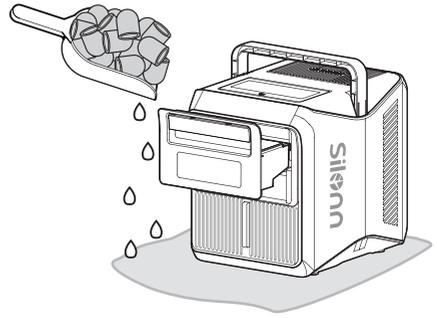


Due to temperature variations and other factors, ice quality should become stable after the first 1-3 cycles.



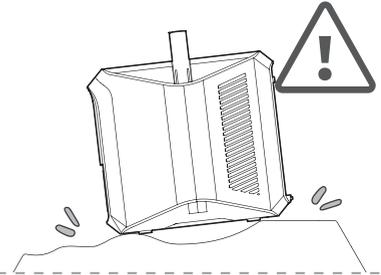
**More Cycles = Perfect Shape**

Use a dry towel to prevent water from dripping on surfaces.

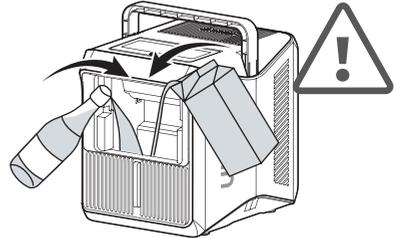


### 3. What Not To Do!

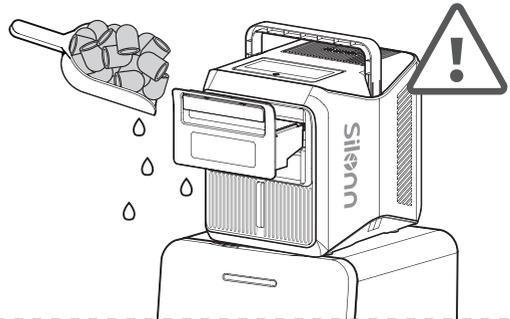
Unstable base.



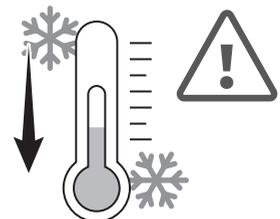
No other liquids and purified water  
**(Non-distilled water only).**



Do not use the machine on top  
of other electrical appliances.



Do not use in high or low temps,  
especially **lower than 41°F/5°C.**



## POWER SUPPLY SELECTION

### DIRECT ACCESS TO POWER SUPPLY



USB Output  
(Self-supplied)



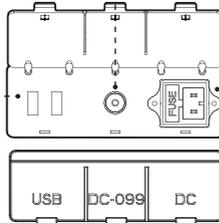
Solar Charging  
(Self-supplied)



Power Socket



Car Cigarette Lighter



#### USB Output

Voltage/Current: **5V/2A**

**Note:** The USB ports can only be used to charge other electronic devices. They cannot be used to power the ice maker.

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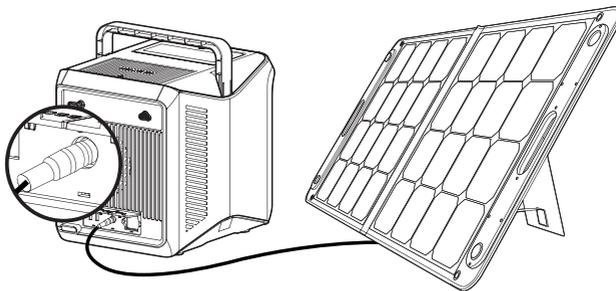


#### Solar Charging (Self-supplied)

Use the proper solar panel:

Maximum Voltage: **18V**

Maximum Current: **8A**



**Note:** When using solar charging, place the machine in a cool environment to avoid affecting refrigeration efficiency.

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#### AC Charging

Suitable Household Voltage: **100-240V**



## Car Charging

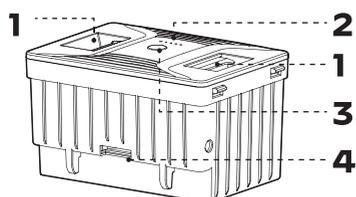
Input Voltage: **12V/5A; 24V/2.5A DC**

The built-in ECO electronic control module can monitor car battery voltage. The machine will disconnect automatically to prevent excessive battery consumption, ensuring normal ignition.

Battery Voltage	H	M	L
12V	Disconnect: 11.3V Start: 12.5V	Disconnect: 10.1V Start: 14.1V	Disconnect: 8.5V Start: 9.6V
24V	Disconnect: 24.6V Start: 26V	Disconnect: 22.3V Start: 23.7V	Disconnect: 21.3V Start: 22.7V

**Note:** When the power supply is connected and the machine is turned on, disconnection or activation refers to the disconnection or activation of the compressor.

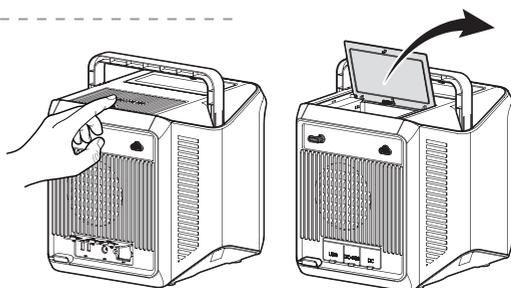
## USE OF RECHARGEABLE BATTERY (SELF-PURCHASE)



1. Battery Switch
2. Power Indicator
3. Battery Button
4. Battery Connection Terminal

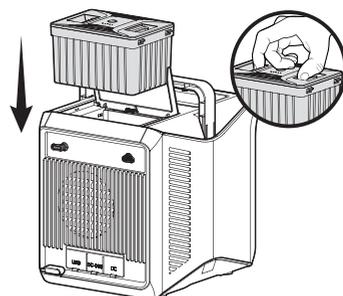
### 1.

Press to open the battery compartment lid.



### 2.

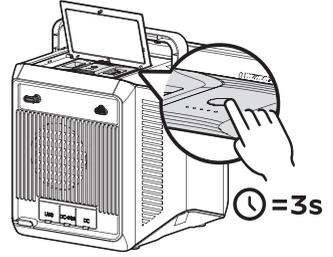
Press both battery switches simultaneously to remove or install the battery.



### 3.

Press and hold the battery button for 3 seconds to turn the battery on or off. Short press it to display battery power.

**Note:** The machine cannot be started until the battery is turned on. Do not use in high temps, especially more than **109°F/43°C**.



**If not used in a long period, turn the battery off to avoid power consumption.**

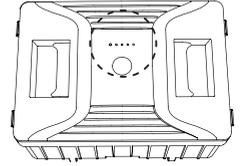
#### Power Supply Indicator



**Green light on:** The battery is being charged.

**Blue light on:** Battery discharge is going on.

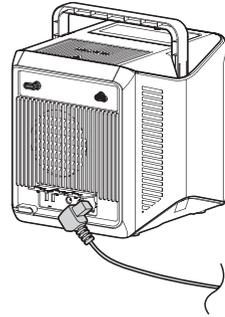
#### Power Supply Indicator



### 4.

## CHARGING METHOD

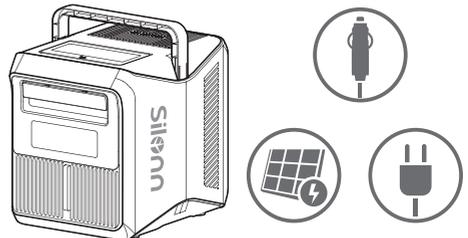
Insert the battery into the machine and use the DC charging port.



## HOW TO USE YOUR ICE MAKER

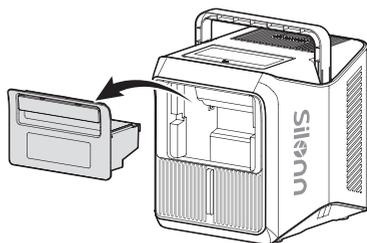
### 1.

Choose the proper power supply method as needed.



## 2.

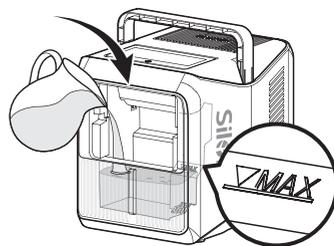
Gently lift the ice basket and remove it.



## 3.

Add water. Do not exceed the "MAX" water line.

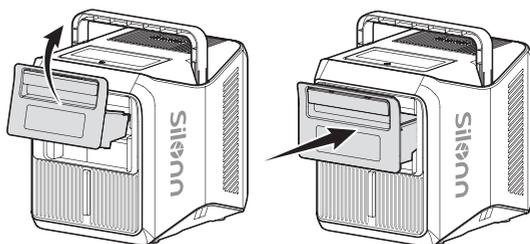
**Note:** Do not add water via the top flip cover.



## 4.

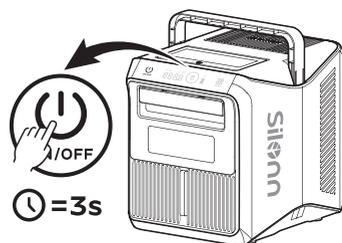
Gently lift the ice basket and insert into the machine.

**Note:** After filling the water tank, make sure to fully push the ice basket back into place.



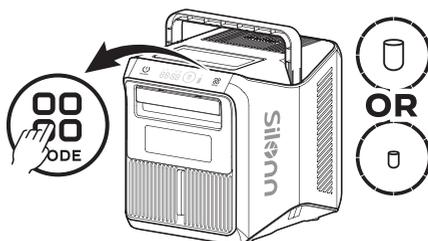
## 5.

Plug the machine in. The machine will enter standby mode.

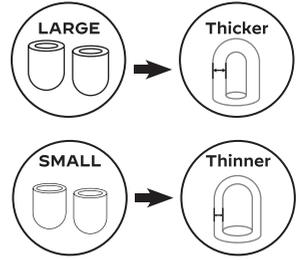


## 6.

Press the **MODE** button to select the ice cube size. Then press and hold the **ON/OFF** button for 3 seconds to make ice.

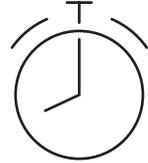


**Tip:** It is recommended to choose small ice mode when in low temperature.



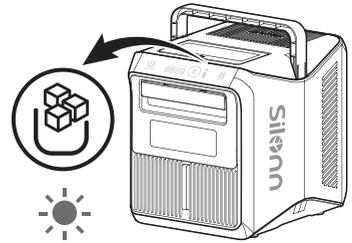
## 7.

Wait **6 min - 12 min**. Ice making time depends on room temp and water temp.



## DONE:

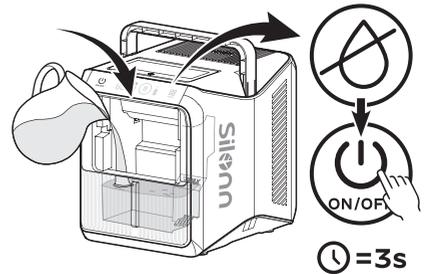
The ice full indicator remains flashing when the ice basket is full.



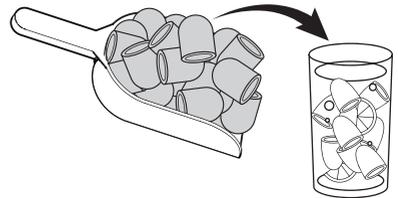
## REFILL:

When the  indicator remains flashing, add water. Press and hold the **ON/OFF** button for 3 seconds to restart.

**Note:** If the machine indicates lack of water but water is full, see the **TROUBLESHOOTING** section.



Use ice cubes before they start to melt.



**Note:** After accidental power-off, it takes a little more time to restart the ice maker.

# CLEANING AND MAINTENANCE

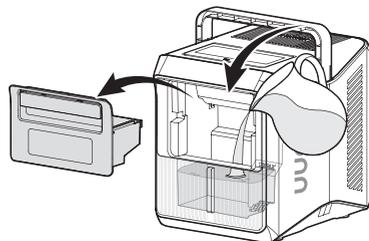
To keep your ice tasting fresh and the unit looking great, we recommend cleaning the unit once per week.

## SELF-CLEANING (3-MIN PROCESS)

1.

Remove the basket and add water to the "MAX" water line. Clean the ice basket with warm water, then put it back into the machine.

**Note:** In areas with hard water, professional ice maker detergent can be used to clean the ice maker. Leave the detergent in the machine for 12 hours.

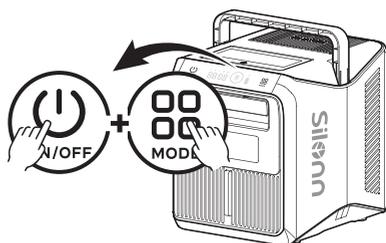


2.

### IN STANDBY MODE:

Press and hold the **ON/OFF** and **MODE** buttons to enter or exit from self-cleaning mode.

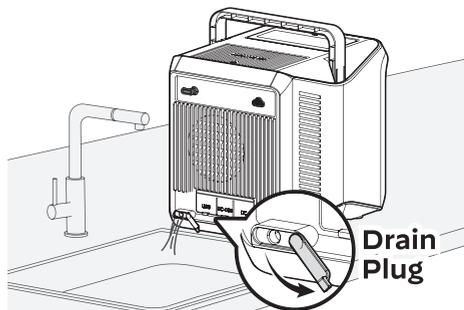
**Note:** To run the self-cleaning cycle, at least 500mL of water is needed.



3.

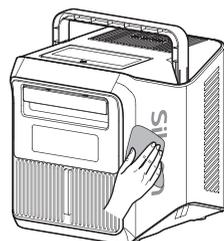
Drain excess water over sink.

**Note:** To drain remaining water, gently tilt the machine 30°.



4.

Wipe the exterior with a cloth using mild dishwashing soap.

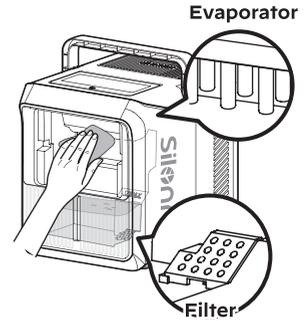


## MANUAL CLEANING

Turn off the unit and disconnect from power before cleaning.

### 1.

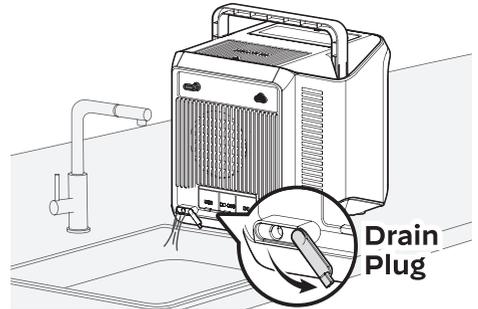
Clean using a soft cloth with water-vinegar mixture or citric acid water mixture. Perform regular cleaning of the filter, the ice tray, the evaporator, and other small corners to prevent residue build-up.



### 2.

Drain excess water over sink.

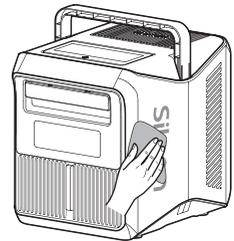
**Note:** To drain remaining water, gently tilt the machine 30°.



### 3.

Clean the ice basket with warm water, then put it back into the machine.

Wipe the exterior with a cloth using mild dishwashing soap.



## **⚠ DO's & DON'Ts while cleaning and maintaining**

- **Do not** use organic solvent, boiled water, strong acid and strong alkali etc. for cleaning. This will cause corrosion of the evaporation column.
- When cleaning the evaporator, be careful to keep the vertical prongs level. If the prongs are not level, the ice cubes may stick together during use.
- Considering the wide range of water quality across different regions, it is recommended to perform regular manual cleaning.
- It is recommended to **drain the water tank** at least once every three days.
- When the unit is not to be used for a long duration, **drain** the water completely & dry the interior.
- **Store** in a dry and well-ventilated place.

## **PRODUCT SPECIFICATIONS**

<b>Voltage/Current</b>	Rechargeable Battery	10.8V/6A
	USB Output	5V/2A
	Solar Socket	18V/8A
	Power Socket	100-240V AC
	Car Charger	12V/5A; 24V/2.5A DC
<b>Water Reservoir</b>	0.26 gal (1L)	
<b>Ice-Making Rate</b>	23.8 lbs (10.8kg) per Day	
<b>Ice Shape</b>	Bullet	
<b>Ice Size</b>	Small or Large	
<b>Material</b>	ABS, PP	
<b>Unit Size</b>	14.3 x 9 x 16.4 inch (364 x 228 x 371mm)	

If the battery is included, weight will be increased by 2.2 lbs (1kg).

# ERROR CODES

	<b>Problem</b>	<b>Causes</b>	<b>Solution</b>
<b>E1</b>	Battery Undervoltage Protection.	Plug in the machine before starting the car.	Do not plug in and use the ice maker until starting the car.
		The input voltage of your car cigarette lighter is too low.	Switch the battery protection mode to "M" or "L". If the problem persists, contact customer service to replace the car cigarette lighter cable.
		The supplied adapter cable is broken.	Please contact customer service.
<b>E2</b>	Air Exhaust Fan Malfunction Warning.	Air exhaust fan malfunction.	Replace the air exhaust fan or contact customer service.
<b>E3</b>	Compressor Start Malfunction Warning.	Frequent compressor starts lead to input voltage malfunction.	When connected to a car cigarette lighter, power off the machine for 5 minutes and power back on. If the machine still does not work, please refer to the solutions for E1 error.
			When connected to an adapter cable, switch the battery protection mode to "M" or "L". If the problem persists, contact customer service to change the adapter cable.

	<b>Problem</b>	<b>Causes</b>	<b>Solution</b>
<b>E4</b>	Low-Speed Motor Protection.	Compressor rotation is too slow.	Adjust the input voltage and reconnect the power.
		Poor heat dissipation due to dust build-up on the fan or vents.	Clean up the dust.
<b>E5</b>	Temperature Protection.	The controller chip overheats.	Disconnect the power for 5 minutes. Then check to see if the compressor vents are blocked.
		Poor heat dissipation due to dust build-up on the fan or vents.	Clean up the dust.
<b>E6</b>	Short-Circuit Protection.	NTC connector failure.	Please contact customer service.

# TROUBLESHOOTING

Problem	Possible Causes	Solution
<b>Display screen failure.</b>	The screen is defective.	Please contact customer service.
	Button malfunction.	
	The circuit board is burnt out.	
<b>Poor ice shape or quality.</b>	Poor heat dissipation.	Leave a 6-inch clearance on all sides of the ice maker for ventilation.
	The water temperature is too high.	Fill with water temperatures between 46°F and 77°F.
	The ambient temperature is too high.	Use the ice maker in room temperatures between 50°F and 90°F.
	Evaporator deformation.	Please contact customer service.
<b>Water shortage light on.</b>	Low water level or not enough water.	Stop making ice, refill water, long press the <b>ON/OFF</b> button to restart.
	If the ice maker has not been cleaned for a long time, a residue may form around the inlet of the water pump.	Run the self-cleaning program using professional ice maker detergent and leave the detergent in the machine for 12 hours to remove scale.
	Water sensor malfunction.	Power off for 2 minutes and restart the machine.
		Do not use distilled water.
	The ice cubes melt because they are not removed promptly.	If the water shortage light turns on but there's still water, which is normal but not a machine failure. Restart the machine and try again.
Pump malfunction.	Please contact customer service.	

<b>Problem</b>	<b>Possible Causes</b>	<b>Solution</b>
<b>Ice maker creating loud noise.</b>	If the ice maker has not been cleaned for a long time, a residue may form around the inlet of the water pump.	Run the self-cleaning program using professional ice maker detergent and leave the detergent in the machine for 12 hours to remove scale. Clean every 1 week using mild cleaning agents.
	Lack of water to pump will create noise when pumping water.	Add more water.
	Machine overload.	Please run the ice maker in a location below 90°F and add colder water.
	It may be the sound of flowing liquid.	The refrigerant is working, which is normal.
	There is foreign object in the machine.	Check the air exhaust fan and remove any foreign objects.
	Fan or ice maker is damaged.	Please contact customer service.
	Water pump is damaged.	
	Compressor abnormality.	
<b>Ice sticks together.</b>	Making ice takes too long.	Stop making ice. After the ice melts, restart and try again.
	The water temperature is too low.	Fill with water temperatures between 46°F and 77°F.
	Evaporator deformation.	Please contact customer service.

Problem	Possible Causes	Solution
<b>Not making ice.</b>	The machine is not plugged in.	Please refer to <b>No Electricity</b> section for solutions.
	Error codes occur.	Please refer to <b>Error Codes</b> section for solutions.
	If the ice maker has not been cleaned for a long time, a residue may form around the inlet of the water pump.	Run the self-cleaning program using professional ice maker detergent and leave the detergent in the machine for 12 hours to remove scale.
	Ice cubes block the interior.	Pause the machine for 40 minutes and restart it.
	Ambient or water temperature is too high.	Keep ambient temperature less than 90°F and fill with colder water.
	Display screen failure.	Please contact customer service.
	The control panel or display screen terminal is loose.	
	Refrigerant leakage.	
	Water pump is damaged.	
	Refrigerating system leaking.	
	Refrigerating system blocked.	
	The fan stopped working.	
	The wires are loose.	
The gears in the motor are broken.		

Problem	Possible Causes	Solution
<p><b>The ice full indicator turns flashing.</b></p>	Ice is full and ready.	Empty the ice basket.
	If there is no ice, something may be blocking the inner wall.	Remove the obstruction and clean the inner wall.
	Infrared sensors do not work.	Wipe the infrared sensors clean. If the infrared sensors still do not work, contact customer service.
<p><b>No electricity.</b></p>	The machine is in standby mode.	Follow the instructions to turn on the machine for making ice.
	The power cable may be damaged.	Use the DC and AC cables separately to plug the machine in. Check to see if one of the cables is damaged.
	The fuse may be blown.	Please contact customer service.
	The display screen power cable is disconnected.	
	The display screen terminal is loose.	
<p> <b>indicator flashes.</b></p>	The flip function of the ice tray is affected by blocked ice cubes.	Empty the ice basket. Press and hold the <b>ON/OFF</b> button to clear the error. If ice-making function cannot still work, open the top flip cover and manually turn the ice tray down. Then restart the machine.

# WARRANTY INFORMATION

## **30-DAY LIMITED WARRANTY**

To provide customers with a quality shopping and user experience, the unit can be replaced or returned for a full refund within the 30-day period from the date of purchase.

## **30-DAY TO 1-YEAR LIMITED WARRANTY**

After the 30-day warranty has expired, a 1-year warranty from the date of purchase that covers product replacement is automatically activated. Please note that proof of purchase from an authorized retailer is required for all warranty claims.

## **30-DAY TO 1-YEAR WARRANTY LIMITATIONS**

This warranty does not cover:

- Any condition resulting from incorrect or inadequate maintenance or care.
- Damage resulting from misuse, abuse, negligence, accidents, or shipping damage.
- Dissatisfaction due to buyer's remorse.
- Normal wear and tear.
- Damages incurred after initial transportation.



# Thank You

for Choosing Us!

All of us do appreciate your ice maker purchase. We hope that you are as happy with the ice maker as we were designing and manufacturing it for you. We strive to provide you with the best quality ice makers and services in the industry.

## Questions or Problems?

 877-546-8603      Mon–Fri, 8am–8pm (CST)

 [support@silonn.com](mailto:support@silonn.com) |  [www.silonn.com](http://www.silonn.com)

860-03357-00 Rev03