

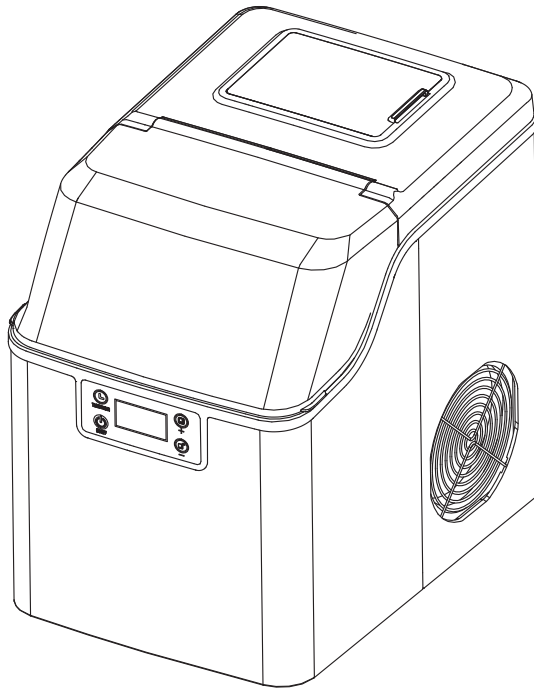
User Manual of Product 1:

Silonn Countertop Ice Maker, 45lbs Per Day, 24Pcs Ice Cubes in 13 Min, 2 Ways to Add Water, Auto Self-Cleaning, Stainless Steel Ice Machine for Home Office Bar Party

SILONN

Ice Maker Instruction Manual

V1.0 (A)



Model: SLIM02

Thank you for choosing this Silonn product! At Silonn we strive to provide you with the best quality products and services in the industry. Should you have any issues, please don't hesitate to contact us at
Technical Support: 877-546-8603 Mon-Fri 8am – 8pm (CST)
Other Info: support@silonnus.com

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IMPORTANT SAFETY INSTRUCTIONS

PERSONAL SAFETY IS VERY IMPORTANT.

To reduce the risk of fire, explosion, electrical shock, or injury when using the ice maker, follow these basic safety precautions.

READ AND FOLLOW ALL INSTRUCTIONS BEFORE USING THE ICE MAKER.

This is the safety alert symbol: 

All safety messages will follow the safety alert symbol and the word “DANGER” or “WARNING”.



DANGER



WARNING

These words mean:

You could possibly be fatally injured if you do not follow these instructions.

All safety messages will indicate the potential hazard, the way to avoid injury and the consequences of failure to follow the instructions.



WARNING



- **DANGER** – Risk of FIRE or EXPLOSION. Flammable refrigerant used. DO NOT use mechanical devices to defrost the Ice Maker. DO NOT puncture refrigerant tubing.
- **DANGER** – Risk of FIRE or EXPLOSION. Flammable refrigerant used. DO NOT use mechanical devices to defrost the Ice Maker. DO NOT puncture refrigerant tubing.
- **CAUTION** – Risk of FIRE or EXPLOSION. Flammable refrigerant used. CONSULT repair Manual/Owner’s guide before attempting to install or service this product. All safety precautions must be followed.
- **CAUTION** – Risk of FIRE or EXPLOSION. Dispose of property in accordance with federal or local regulations. Flammable refrigerant used.
- **CAUTION** – Risk of FIRE or EXPLOSION due to Puncture of refrigerant tubing; FOLLOW Instructions Carefully. Flammable Refrigerant used.

- Do not operate the ice maker, or any other appliance with a damaged cord. Connect to properly polarized outlets only. Do not plug other electrical appliances into the same outlet. Be sure that the plug is fully inserted into the plug socket.
- Do not run the power cord over carpeting or other heat insulators. Do not cover the cord. Keep the cord away from high traffic areas, and do not submerge it in water.
- Due to potential safety hazards under certain conditions, we strongly advise against the use of an extension cord. However, if you must use an extension cord, it is absolutely necessary that it is a No.14 AWG minimum size and rated no less than 1875 watts.
- Unplug the ice maker before cleaning or making any repairs or servicing.
- Exercise caution and use reasonable supervision when the ice maker is used near children.
- The ice maker must be properly installed and located following the installation instructions before it is used. The ice maker is for indoor household use only. Do not use outdoors. Place the ice maker away from direct sunlight and make sure that there is at least 6 inches of space between the back of your ice maker and wall. Keep a minimum distance of 6 inches on each side of your ice maker free.
- To avoid a hazard due to instability of the ice maker, it must be placed on a even or flat surface.
- Do not use other liquids to make the ice cubes other than water.
- Do not clean your ice maker with flammable fluids. The fumes can create a fire hazard or explosion.
- Do not tip over.
- If the ice maker is brought in from outside in the wintertime, give it a few hours to warm up to room temperature before plugging it in.
- Do not allow children to climb, stand, or hang on the ice maker. Serious injury may occur.
- Do not use water that is micro-biologically unsafe or of unknown quality.
- Do not place the power cord in such a way it could be pulled on by children or cause a tripping hazard.
- Do not place the power cord in such a way that it is in contact with hot surfaces.

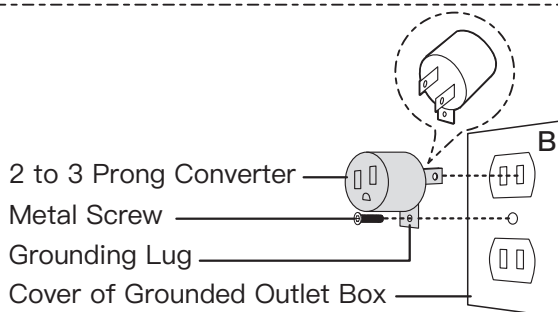
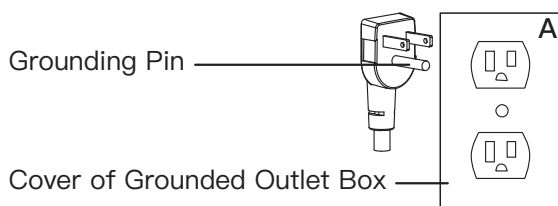
- Do not operate if any component, including the cord or plug, is damaged.
- Unplug the ice maker before cleaning by hand and when not in use.
- Do not immerse any part of the ice maker in water.
- Do not plug or unplug the ice maker with wet hands.
- **WARNING:** The ice maker must be grounded.
- The ice maker should be installed in accordance with the safety standard for Refrigeration Systems, ASHRAE15. The ice maker shall not be installed in corridors or hallways of public buildings.
- To minimize the risk of possible ignition due to incorrect parts or improper service, only the factory–authorized service personnel are able to repair the ice maker. Do not attempt to disassemble, repair, modify, or replace any part of the ice maker.

SAFETY INFORMATION (FOR GROUNDING INSTRUCTIONS)

DANGER

* Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged please call our customer service.

1. The ice maker must be properly grounded for your safety. The ice maker requires a standard 110–120volt, 60Hz electrical outlet. Plug three-prong plug of the ice maker into an exclusive, properly installed, grounded wall outlet. Do not under any circumstances cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician.
2. The power cord of the ice maker is equipped with a three-prong plug which mates with standard three prong wall outlets (like figure A) to minimize the possibility of electric shock.
3. If you do not have a three-slot grounded receptacle (like figure B): Please buy a 2 to 3 prong converter (available on your local electronics store or online supplier for connecting 3-prong grounding-type plugs to 2-prong plug socket).



IMPORTANT:

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

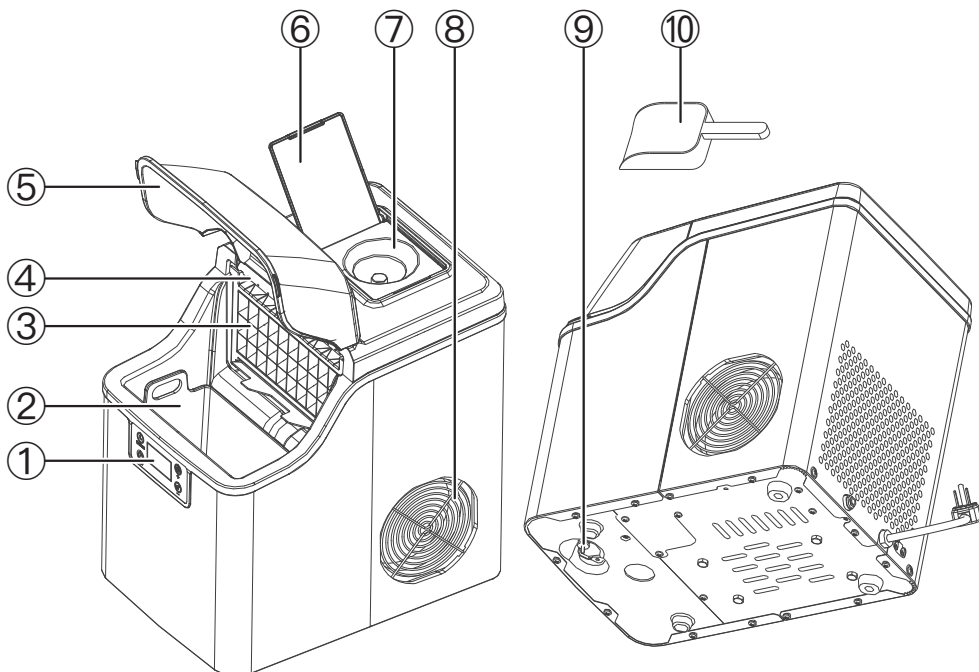
Green or Green with a strip yellow: Grounding

White: Neutral

Black: Live

PRODUCT DESCRIPTION

1. Control Panel
2. Ice Basket
3. Evaporator
4. Water Separator Pipe
5. Top Cover
6. Cover For Water Reservoir
7. Support Seat For Water Bottle (Optional, Special For The Unit Supplied By Bottled Water)
8. Hot Air Outlet
9. Water Draining Cap: To Draining Out The Water From The Ice Maker
10. Ice Scoop

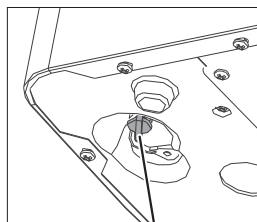


CLEANING AND MAINTAINING YOUR ICE MAKER

BEFORE FIRST USE

Before using the ice maker, it is highly recommended to clean it thoroughly.

1. Remove the exterior and interior packaging. Check that the ice basket and ice scoop are included. If any parts are missing, **please contact our customer service.**
2. Take out the ice basket and clean it with hot water, detergent and a non-abrasive sponge.
3. Clean the interior with diluted detergent, warm water and a soft cloth. Then use the water to rinse the inside parts. Unplug the water drainage cap on the bottom of the ice maker to empty the water in the water tank. If you need to empty the water in the reservoir, you need to plug the power but not turn on it, then unplug the water drainage cap to empty the water.
4. Wipe the outside of the ice maker with a mild detergent solution and warm water.
5. Dry the interior and exterior of the ice maker with a soft cloth.



Water Drainage Cap

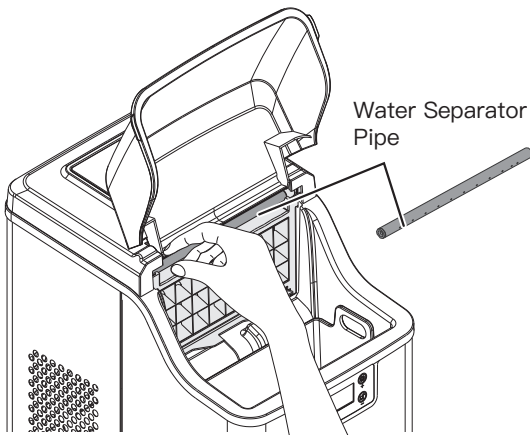
AFTER LONG-TERM USE

After using the ice maker for a long time, we also suggest you should clean it. In particular, you must clean the water separator pipe and the water filters periodically.

Cleaning the Separator Pipe:

If the compressor and water pump work normally, but there is little or no water running down from the separator pipe, please remove the separator pipe to check if it is blocked.

1. Press the ON/OFF button to turn off the ice maker.
2. Pinch the left end of the separator pipe and pry it out.
3. Clean each hole on the separator pipe.
4. Connect the separator pipe to the hose on the right side, then clip the left end of the separator pipe into the slot on the left side. Please make sure the holes point to down.



How to drain out the water from the water tank and water reservoir completely?

Because the water in the water reservoir is blocking to drain port by the draining plug, if you want to drain away all the water, please plug in the ice maker and but don't turn on it, then remove the water draining cap at the bottom. Wait a few minutes while all of the water is let out.

Clean the Water Tank and the Water Reservoir:

1. Clean them with diluted detergent, warm water and a soft cloth.
2. Then use the water to rinse the inside, and drain out the water. It will help you keep the ice maker and ice cube hygienically, and also make the ice maker work normally.

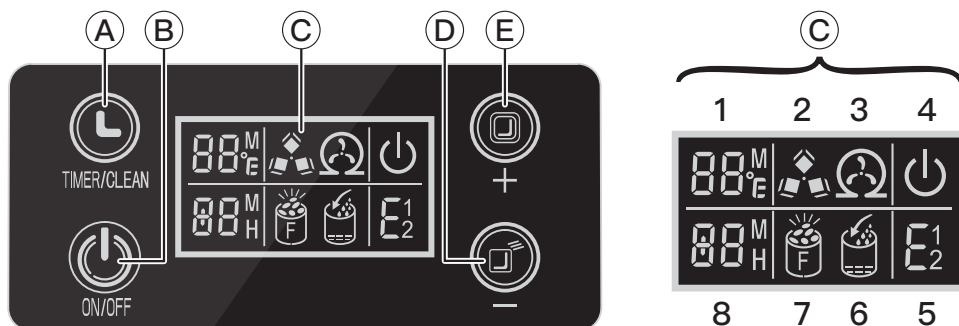


Please Note: When cleaning, if find that the ice cubes left on the evaporator and can not be taken out easily, you can turn on the ice maker to let it enter the ice making process, then press “ON/OFF” button for more than 5 seconds to let the ice maker starts ice harvest process to melt the ice cubes. It will help you remove the hard ice cubes.

STORAGE

1. The outside of the ice maker should be cleaned regularly with a mild detergent solution and warm water.
2. When the ice maker is not in use for a long time, drain out the water.

OPERATION PANEL AND DISPLAY AREA



A. TIMER/CLEAN button

Short press this button once to enter the timer setting program; Long press this button for more than 5 seconds to start the self-cleaning function.

B. ON/OFF button

When the ice maker is off, press this button to turn on the ice maker; When the ice maker is making the ice cubes, long press this button for more than 5 seconds and the ice maker will switch to ice harvest process by force.

C. LCD Display window

1. Countdown symbol for ambient temperature and ice-making: When the display shows <M>, it means the countdown for ice-making; when the display shows <°F>, it means ambient temperature.
2. Ice cube symbol: When the symbol is rotating, the ice maker is making ice cubes; When the symbol flashes, the ice maker is harvesting ice cubes.
3. Automatic self-cleaning symbol display.
4. ON/OFF symbol.
5. The error code:
 - E1: Failure of the ambient temperature sensor.
 - E2: Failure of the water temperature sensor.
 - E: Ice formation anomaly or refrigerant leaked.
6. Lack water warning symbol.
7. Ice full warning symbol.
8. Time setting display area. When the screen window shows <H>, timer unit ON/OFF; When the screen window shows <M>, setting ice-making time.

D. Ice making and timer reduce

E. Ice making and timer increase

USING YOUR ICE MAKER

PREPARING FOR USE

1. Find a location for the ice maker that is protected from direct sunlight and other sources of heat (i.e.: stove, furnace, radiator). Place the ice maker on a leveled surface. Make sure that there is at least 6 inches of space between the back and sides of your ice maker and the wall.
2. The ice maker must be positioned so that the plug is accessible.
3. Allow one hour for the refrigerant fluid to settle before plugging the ice maker in.

WARNING: fill with drinkable water only.

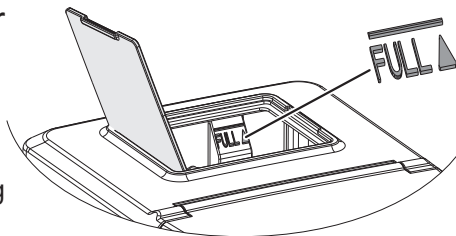
WARNING

- A. Check and clean the water tank, reservoir, filter screen and separator pipe regularly so as to ensure it is not blocked by any dirty impurities.
- B. The ice-making capacity depends on the water temperature. The colder the water, the more ice is produced.
- C. The ice-making capacity depends on the ambient temperature where the ice maker is placed. The colder ambient temperature, the more ice is produced.
- D. The quality of the water used will affect the working life of the circulating pump. It is best to use pure water or distilled water. Some abnormal sounds in the pump working process are caused by impurities in the water, which is a normal phenomenon and does not affect the use of the ice maker.
- E. There will be a delay of 3 minutes when the compressor restarts during the working process.

ICE MAKING OPERATION

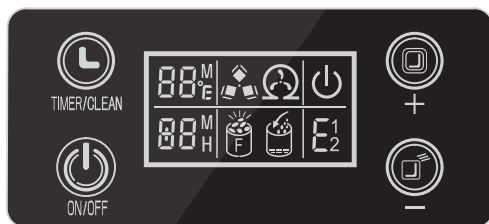
1. Remove Cover And Pour Into Water

Remove the cover of the water reservoir and pour drinkable water into water reservoir. And be sure to keep water level below the max. level with **FULL** mark displayed in following picture.



Warning: Do not pour the water into the water tank located underneath the ice basket which will effect the ice making performance.

2. Turn On The Ice Maker



- ①. Plug the ice maker, the electric power symbol <⏻> will start to flash, and the ambient temperature will display at the top left corner of the screen window. For example, <80°F> digits means the 80 Fahrenheit ambient.
- ②. Press the “ON/OFF” button to turn on the ice maker. The water will flow into the water tank to the standard water level, then the compressor start to make ice cubes. The screen window will display as below: Power symbol <⏻> turns into always on state; Ice-cube symbol <❄️> turns into rotating state; The ambient temperature display will disappear.

After some minutes of ice-making duration, the ambient temperature displaying area will display flashing digit. For example, the flashing digit <10^M> means that it will take 10 minutes to complete this ice-making process.

- ③. When ice maker harvest, symbol <❄️> flashes. After the ice maker harvest, it will automatically goes into the next ice-making process. The water will flow from the water reservoir to water tank through solenoid valve, and the symbol <💧> will be on. The symbol <💧> will be off if the water in the water tank is full, then the next ice-making cycle start again.

Please Note:

- When there is no water in the water reservoir, the symbol <💧> will keep on. Press “ON/OFF” button to turn off the ice maker and fill water again, then press “ON/OFF” button again to turn on to make ice cubes. Or fill water directly and wait 20mins, the ice maker will restart by itself.
- Each ice-making cycle lasts about 13 to 25 minutes which depends on the ambient and water temperature. For the first time you use, it takes more time to make ice cubes for the initial water temperature. In the extremely hot room temperature, it takes more time but will be within 35 minutes to make ice cubes.



- When the <F> symbol lights on, the ice maker will turn off by itself and it will turn on by itself if you take the ice cubes away from the water tank.



3. How To Set The Thickness Of The Ice Cubes

Press the “+” or “-” buttons to set the time of the ice-making process. The more time it takes, the thicker ice cubes it will produce. 1 minute adjustment for each press of the “+” or “-” buttons.



Please Note:

- You can increase the time up to 6 minutes.
- This can only start from the new ice-making cycle.
- If you restart the ice maker again, it turns into the default setting 0. You need to re-set the ice-making time.

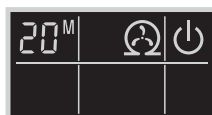
4. How To Harvest The Ice Cubes During The Ice-making Process

Long press the button “ON/OFF” more than 5 seconds when the ice maker is working, the unit will start to harvest. Press “ON/OFF” button again, the ice maker will turn off.



5. How To Use The Self-cleaning Function

Start the self-cleaning program: Plug on the unit, and press the “TIMER/CLEAN” button for more than 5 seconds to enter the self-cleaning program which takes 20 minutes. the symbol <⌚> rotates on screen window, the countdown area at the left top displays 20M.

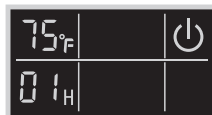


Cancel the self-cleaning program: It takes about 20 minutes to complete one self-cleaning program. When the program is over, the system will be in off-state automatically. And also you can press the “ON/OFF” button to cancel the self-cleaning program by force.



6. How To Set The Timer

- ①. Press the “TIMER” button, and the display will show <0 1 H>.
- ②. Then press “+” and “-” buttons to set the time. 1 hour adjustment for each press of the “+” or “-” buttons. During the setting, the <H> is flashing. The <H> will keep on after 5 seconds which means setup complete.



Please Note:

- If the lower left corner displays 5H in standby state, it means that the ice maker will automatically turn on after 5 hours;
- If the lower left corner displays 5H in the ice-making process, it means that the ice maker will automatically turn off after 5 hours.
- The “H” on the display indicates that the ice maker is in the timing function. When the digits will get smaller and smaller. When it reaches 0, the ice maker cancels timing function.
- When the ice maker is in timing function, the screen window will show the ice-making time and timing time which will switch every 5 seconds.

7. How To Cancel The Timer

- ①. When the ice maker is in the timing function (xx H on the screen), press the “Timer” button and the both digits and “H” on the screen are off, which means the timing function is canceled.
- ②. You can also directly press the “ON/OFF” button on the screen to forcibly turn off the timing startup function and also turn off the ice-making process.

8. How To Drain Out The Water




- ①. Plug in the power.
- ②. Unplug the draining plug at the bottom of the ice maker but not turn it on.
- ③. After the drainage is completed, reset the drainage plug.

Please Note:

You can empty the water in the water tank by unplugging the water draining cap at the bottom of the ice maker.

If you need to empty the water in the reservoir, you need to plug the power but not turn it on, then unplug the water drainage cap to empty the water.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	SOLUTION
<  > is on	Lack of water	Turn off the unit and add water to <FULL> level, then re-start the unit.
<  > is on	Ice cubes overloading in the basket	Remove the ice cube in the basket
The water reservoir has water, but <  > is on	Failure of the inlet solenoid valve	Need the technical service person to maintain
< E ¹ > is on	Failure of the ambient temperature sensor	If the ice maker can still work, change a new sensor
< E ₂ > is on	Failure of the water temperature sensor	The unit can still work, change a new sensor
No water running down from the separator pipe	The holes are blocked	Use slim wire to prick each hole, till the water can flow out easily.
	Water filter block	Clean the water filter
The ice cubes are too thick to drop down	The ice-making cycle is too long	Press “-” to reduce the ice-making cycle
The ice cubes are too thin	Ambient temperature is too high	Move the unit to cool place
	Water temperature is too high	The water temperature is should be no more more than 25°C (77°F).
	The ice-making cycle is too short.	Press “+” to increase the ice making Time.
The ice maker works but no ice cubes	Ambient temperature is high or the water temperature is high	Move the unit to somewhere ambient Temp lower than 30°C (86°F), fill cool water.
	Refrigerant system leakage	Need the technical service person to maintain
	Refrigerant system block	Need the technical service person to maintain

TECHNICAL PARAMETERS & CIRCUIT DIAGRAM

TECHNICAL PARAMETERS

Model	SLIM02
Protection Type	I
Power	115V/60Hz
Ice-Making Current	2.2A
Ice-Harvest Current	2.5A
Refrigerant	R290 1.13Oz/32g
Design Pressure	
High Side	260Psig
Low Side	88Psig
Net Weight	9.5kg
Enclosure	Stainless

CIRCUIT DIAGRAM

