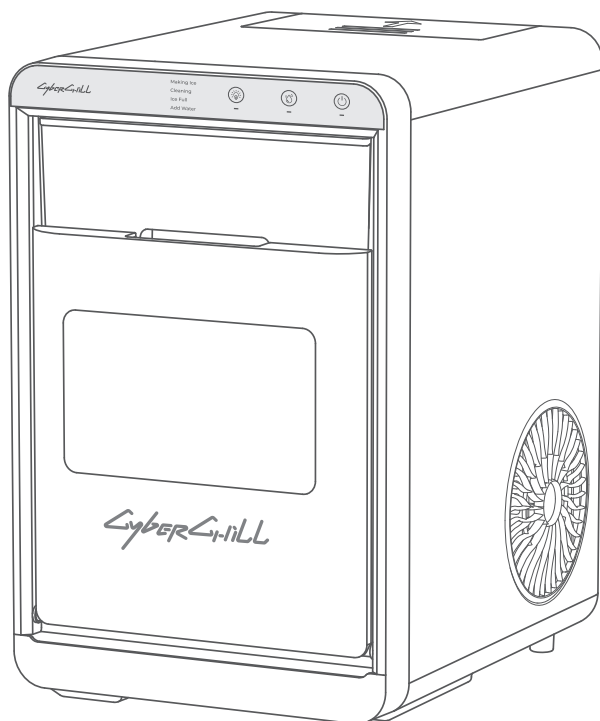




# ICE MAKER

IM-NS452C



## User Manual

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

Thank you for purchasing from CyberChill.  
If you have any questions or need further assistance,  
please contact us at  
**[support@cyberchill.com](mailto:support@cyberchill.com)**

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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.



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.



Unplug the ice maker before cleaning, repairing or servicing.



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:

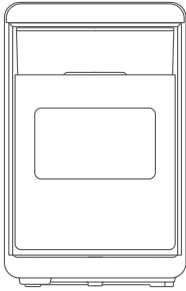
Green or Green with a strip yellow: Grounding

White: Neutral

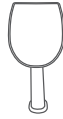
Black: Live

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

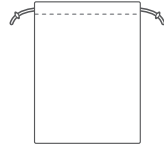
# PACKAGE CONTENTS



Ice Maker x 1



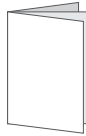
Ice Scoop x 1



Ice Bag x 3



TDS Meter x 1



User Manual x 1

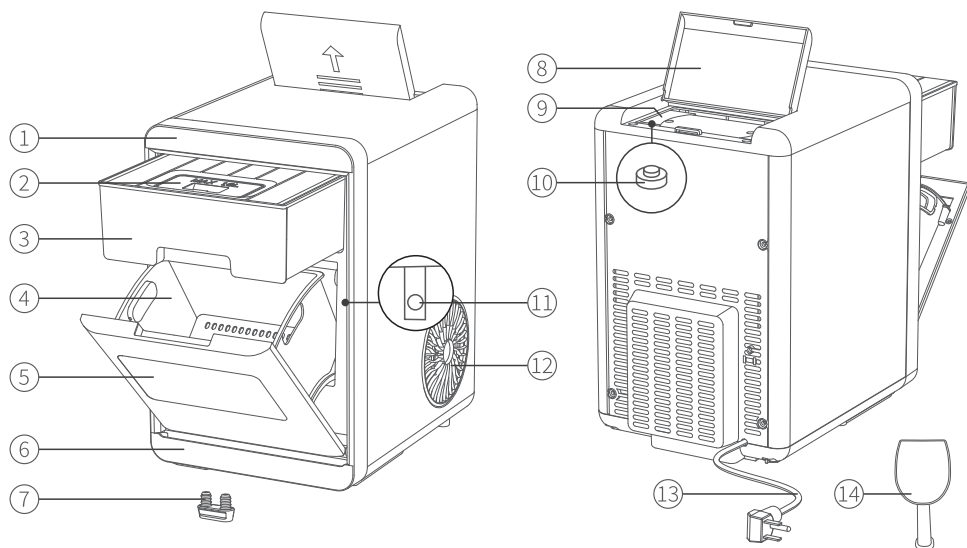


Quick Guide x 1

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

# PRODUCT OVERVIEW

## Ice Maker



- |                    |                         |
|--------------------|-------------------------|
| ① Control Panel    | ⑧ Second Water Tank Lid |
| ② Water Tank Lid   | ⑨ Second Water Tank     |
| ③ Water Tank       | ⑩ Float                 |
| ④ Ice Basket       | ⑪ Ice Full Sensor       |
| ⑤ Flip Door        | ⑫ Air Outlet            |
| ⑥ Drip Tray        | ⑬ Power Cord            |
| ⑦ Water Drain Plug | ⑭ Ice Scoop             |

## Control Panel & LED Display

CYBER GRILL

Making Ice  
Cleaning  
Ice Full  
Add Water



### LIGHT Button

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

The light displays **blue** during cleaning mode and remains **white** under normal conditions.



### CLEAN Button

Press this button once to start/stop the self-cleaning procedure.



### Power Button

Start/stop making ice.

### Making Ice

### Making Ice Indicator

Lights up when the ice maker is making ice.

### Cleaning

### Cleaning Indicator

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

### Ice Full

### Ice Full Indicator

Lights up when the ice storage is full.

### Add Water

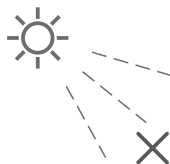
### Add Water Indicator

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

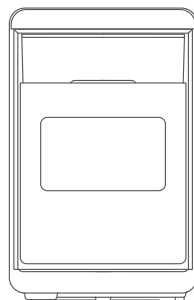
## BEFORE FIRST USE

- 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 water drain plug.
  - (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).

On a level surface  
Reduce vibration and noise

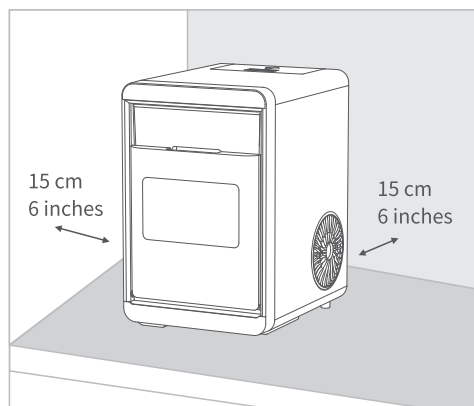


No sunlight  
and  
heat sources

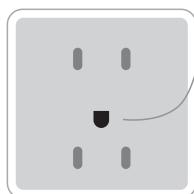




- 4 Make sure to leave at least 6 inches (15 cm) clearance on all sides of the ice maker for proper air circulation.



- 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.

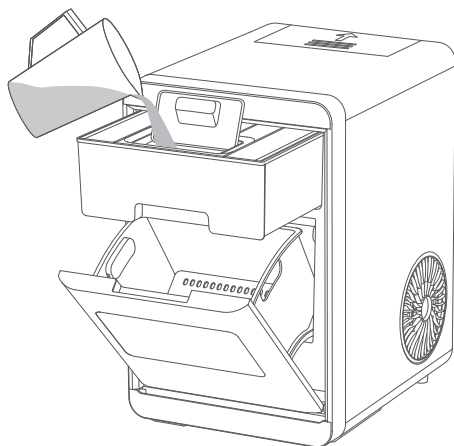
**Tip:**

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.



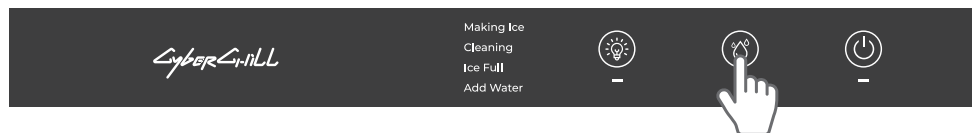
### Tips:

- \* The Add water Indicator **Add Water** lights up when there is not enough water in the water tank. After adding water, please press the **Power** button (⏻) twice to restart the ice-making process. If you don't restart it, the automatic recovery of the ice-making process will take a longer time.
- \* Before adding water, you can check the water's TDS value using the provided TDS meter. For optimal performance, it is recommended to use filtered or purified water with a TDS (Total Dissolved Solids) value below 200. When TDS exceeds 200, the ice maker may not work properly, such as making unusual sounds, slushy ice or not making ice.
- \* After adding water, firmly push the water tank all the way in.

## 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 in standby mode, add enough water into the water tank and press the **CLEAN** button (🧼) to initiate the self-cleaning procedure, which lasts for about 20 minutes.

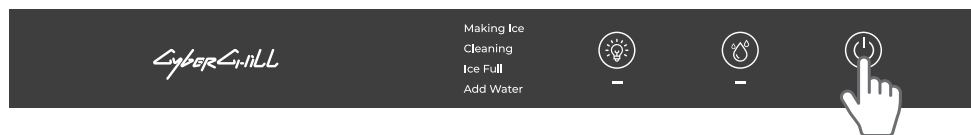


### Tip:

This process can be manually terminated by pressing the **CLEAN** button at any time.

## Start/Stop Making Ice

Press  to start making ice, the **Making Ice** indicator becomes solid on. Press  again to stop making ice, the **Making Ice** indicator will turn off.

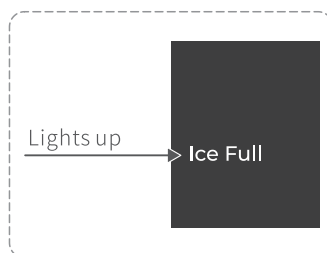


### Tips:

- \* The ice-making process takes about 10 minutes and may vary depending on the ambient and water temperatures. The first use may take slightly longer.
- \* When the ice basket is full, if the ice will not be used for a long time, you can transfer the ice into a ice bag and store it in the freezer.

## Ice Full Reminder

The **Ice Full** indicator will light up when the sensor detects the ice is full. At this time, the ice maker will stop making ice. You can transfer the ice into a ice bag and store it in the freezer. After the **Ice Full** indicator turns off, the ice maker will resume ice-making.

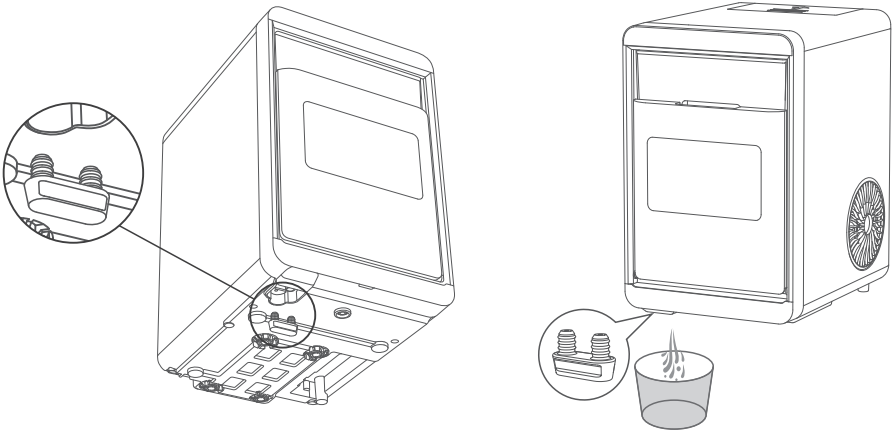


### Tip:

To prevent the ice from melting, it can be transferred to the freezer using an ice bag (the ice may clump together after being transferred).

## Drain Water

After the ice maker finishes the ice-making or self-cleaning process, you can pull out the water drain plug to drain the water.

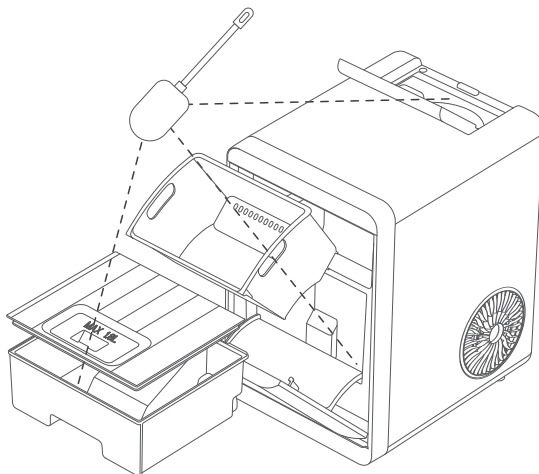


### Tips:

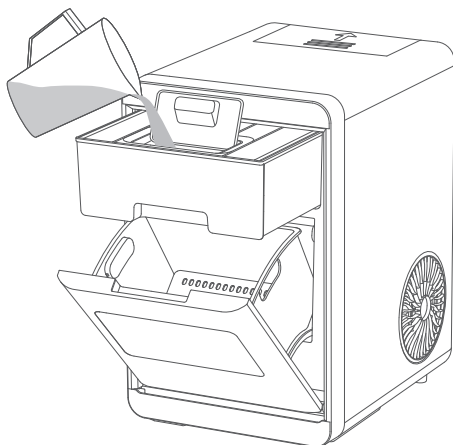
- \* It's recommended to drain all water before the ice maker remains unused for an extended period.
- \* If the ice maker is not in use, please clean it and dry all the parts of it.

## Daily and Monthly Cleaning

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



- 2 Pull out the water drain plug to drain the water.
- 3 Add clean water into the water tank.



- 4 Plug in the ice maker and start the self-cleaning procedure.
- 5 Drain the water and reattach the water drain plug.
- 6 Repeat steps 3 to 5 for two more cycles to thoroughly clean the ice maker.

**Tips:**

- \* For monthly cleaning to remove mineral deposits, use white vinegar instead of water. Pour white vinegar into the water tank and initiate the self-cleaning procedure. Unplug the ice maker and let the white vinegar remain inside for at least 12 hours. Then drain the white vinegar and repeat steps 3-5 to clean the ice maker before making ice.
- \* It is recommended to clean the ice maker once every 1-2 weeks.

# SPECIFICATIONS

Model	IM-NS452C
Power Supply	115 V ~ 60 Hz 1Ph
Rated Current	2.7 A
Refrigerant	R600a 0.74 oz / 21 g
System Pressure	High Side: 290 psig / Low Side: 88 psig
Net Weight	24.25 lbs / 11 kg
Dimensions	9.37 × 13.39 × 14.80 inches / 238 × 340 × 376 mm

# TROUBLESHOOTING

Issue	Possible Cause(s)	Solution
Ice maker noise	$TDS \geq 200$	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.
	$TDS < 200$	It is recommended to clean the machine and make ice again. If the noise persists, please contact customer service.
Upon unboxing, the ice maker has visible oil stains	Refrigerant leakage during transportation	Please contact customer service.

Issue	Possible Cause(s)	Solution
Power button lights and Making Ice indicator flash (No ice making or low ice production)	Room temperature or water temperature in the water tank is too high	Please run the ice maker below 90°F ambient and pour colder water into the water tank.
	Refrigerant in cooling system leaks	Unplug the power first, then plug it back in and restart the ice-making process. If this problem remains, please contact customer service.
	Pipe in the cooling system is blocked	
	Cover motor is broken	
Making ice too slowly	Air outlet is blocked	Maintain a minimum clearance of <b>6 inches</b> (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 41°F to 77°F.
	Refrigeration system malfunctions	Please contact customer service.
Only slushy ice is made or no ice is made	The protection program is active, and the system is self-repairing	The ice maker will resume working in about 1 hour. If this happens often, run a self-cleaning process.
	TDS level $\geq 200$ (value shown on TDS meter)	Replace the water with purified water (TDS<200), like bottled water.
Water leaks	Water drain plug is not securely plugged or is missing	Securely install the water drain plug. Remove the back panel and check the internal water pipes and water pump.
	A water pipe or pump is broken	Remove the back panel and check the internal water pipes and water pump. If the part is broken, please contact customer service.

Issue	Possible Cause(s)	Solution
Add Water indicator lights up	Water pump is not working	Check whether the second water tank contains water. If it does, check whether the float is raised. If the float is raised, there is an issue with the float—please contact customer service. If the second water tank has no water, please contact customer service.
	Water tank is not in place	Push the water tank firmly into position, and then restart.
	Float stuck or damaged	Open the lid of the second water tank and manually move the float to the highest position. Check if the indicator light turns off. If it remains, please contact customer service.
Ice Full indicator lights up	Ice full sensor is blocked or has water droplets	Wipe the ice full sensor with a soft cloth and restart the ice maker. If the problem persists, please contact customer service.

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





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**3149457**

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