

# ICE BATH CHILLER


## USER MANUAL

SY



# CAUTION

1. Operators must be 18 years or older.
2. Avoid using the chiller with wet hands.
3. Keep the power cord away from heavy objects and do not run it under carpets.
4. Do not insert objects into the chiller's vents or openings.
5. Exercise caution around children, the elderly, and those with mobility issues.
6. Always keep the chiller upright and on a stable, level surface; do not invert.
7. Install the chiller in well-ventilated areas(at least 100cm of clear space around vents for airflow), avoiding closets or cabinets and keeping vents clear of obstructions.
8. Do not disassemble or modify the chiller.
9. Avoid using in very humid or dusty conditions.
10. For electrical issues, contact authorized service personnel.
11. Keep pets and children away during operation.
12. Report any sign of damage, leaking, strange noises, smells, or performance issues immediately.
13. Disconnect power before maintenance or cleaning.
14. Avoid placing the chiller in direct sunlight or near heat sources.
15. Ensure the filter is installed when the chiller is working.
16. Regularly clean the water filter and dust net for optimal efficiency.
17. If the ambient temperature drops to 0°C(32°F), disconnect the pipes and open the drainer to FULLY drain all water from the chiller to prevent freezing damage.
18. Before turning on the chiller, please make sure there is enough water in the bathtub and all water pipes are connected properly. Otherwise, the idling of the water pump will generate noise and affect its service life.

 **Electricity** is very dangerous. In order to prevent accidents or death, please pay attention to safety.

- During and after transportation, the chiller must stay upright on a stable surface at all times.
  - After transportation and before use, the chiller must be left for 24 hours for the refrigeration gas to settle.
  - Make sure the chiller is plugged into an AC socket or extension cable that is suitable for use.
  - Ensure the chiller is kept dry at all times; do not immerse, splash or spray the unit with water. If the unit does get wet, unplug it immediately and do not use it.
  - Never leave the chiller powered on when staying in the water; always ensure the unit is powered off during your cold water therapy session.
  - If the chiller stops working or does not work when switched on, unplug it immediately and do not use it.
  - We accept no responsibility for misuse or failure to use this equipment safely as instructed.
- 
- Working Temperature: 1°C-45°C(34°F -113°F)
  - Storage Temperature(No water inside the chiller): -20°C-55°C(- 4°F -131°F)
  - Storage Relative Humidity: 20%-85%

SY-06-HC/SY-06-OC models

TFT TOUCH PANEL

VENTS

UNIVERSAL WHEEL



FILTER DEVICE

RCD DEVICE

COOLING FAN

DRAINER

HANDLE

WATER INLET

BUILT-IN FILTER

WATER OUTLET

CONDENSATION DRAIN

(Condensation comes out from here when heating)



Accessories



Filter & Built-in filter Wrench



Filter Elements



Water Pipes



(Inner Teeth 3/4")  
(Outer Teeth 1/2")

Quick conversion connectors



Valves



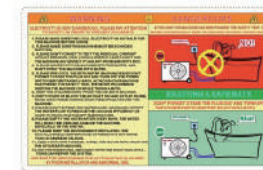
Screwdriver



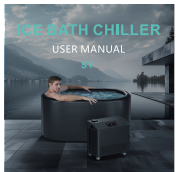
Sealing tape



O-rings



Warning Label



User Manual

SY-08-HC/SY-08-OC/SY-10-HC/SY-10-OC/SY-20-HC/SY-20-OC models

TFT TOUCH PANEL



VENTS

UNIVERSALWHEEL

FILTER DEVICE

RCD DEVICE

COOLING FAN

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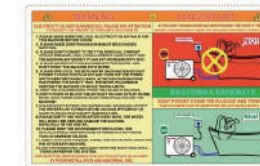
Screwdriver



Sealing tape



O-rings



Warning Label



User Manual

# QUICK START GUIDE

1. Place the chiller on a stable surface near your bathtub and make sure the chiller is at the same level as the bathtub.

2. Install and ensure the filter lid on the top is 'hand tight'  
*The installation method refers to point 6 on page 10 of this manual.*

3. Ensure the built-in filter is installed  
*The installation method refers to point 7 on page 10 of this manual.*

4. Install the valves on the inlet and outlet of the bathtub and ensure the valves are 'hand tight'.

5. Connect both the inlet and outlet water pipes and ensure the valves are 'hand tight'  
 And then fill the bathtub with enough water. The water level in the bathtub should be higher than the chiller inlet and lower than the bathtub inlet.

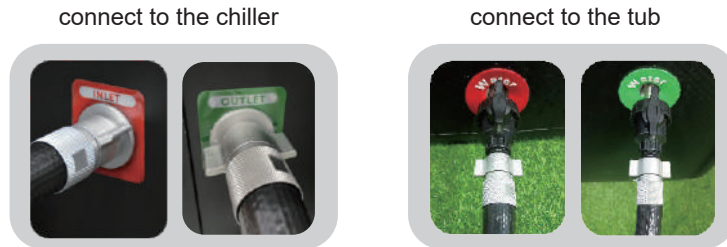
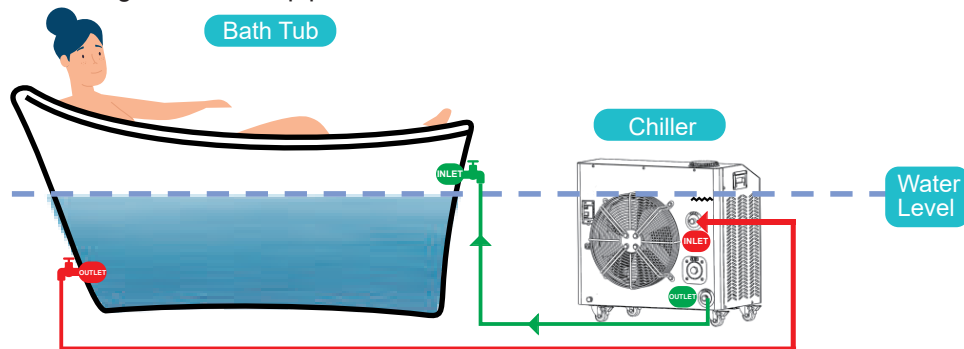
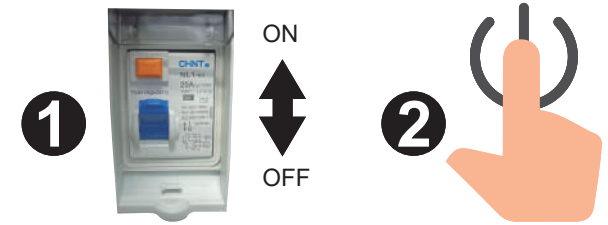


Diagram of water pipes connection and bathtub water level

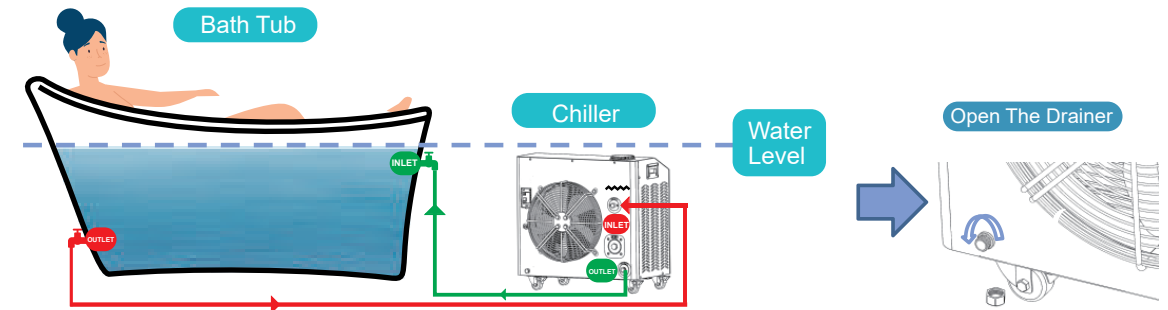


6. Plug in and switch on the chiller.  
 The chiller will start working.



7. Please check the 'water flow' on the control panel. When the chiller starts working, the 'water flow' should be higher than 15L/min.

8. IMPORTANT: If both the bathtub inlet and outlet are below the water level, there might be remaining air in the chiller, which impacts the 'water flow'. Please open the drainer to let the water come out a little bit, and then the 'water flow' will be back to normal.



9. The built-in ozone sterilization system automatically starts to disinfect the water once in a while.

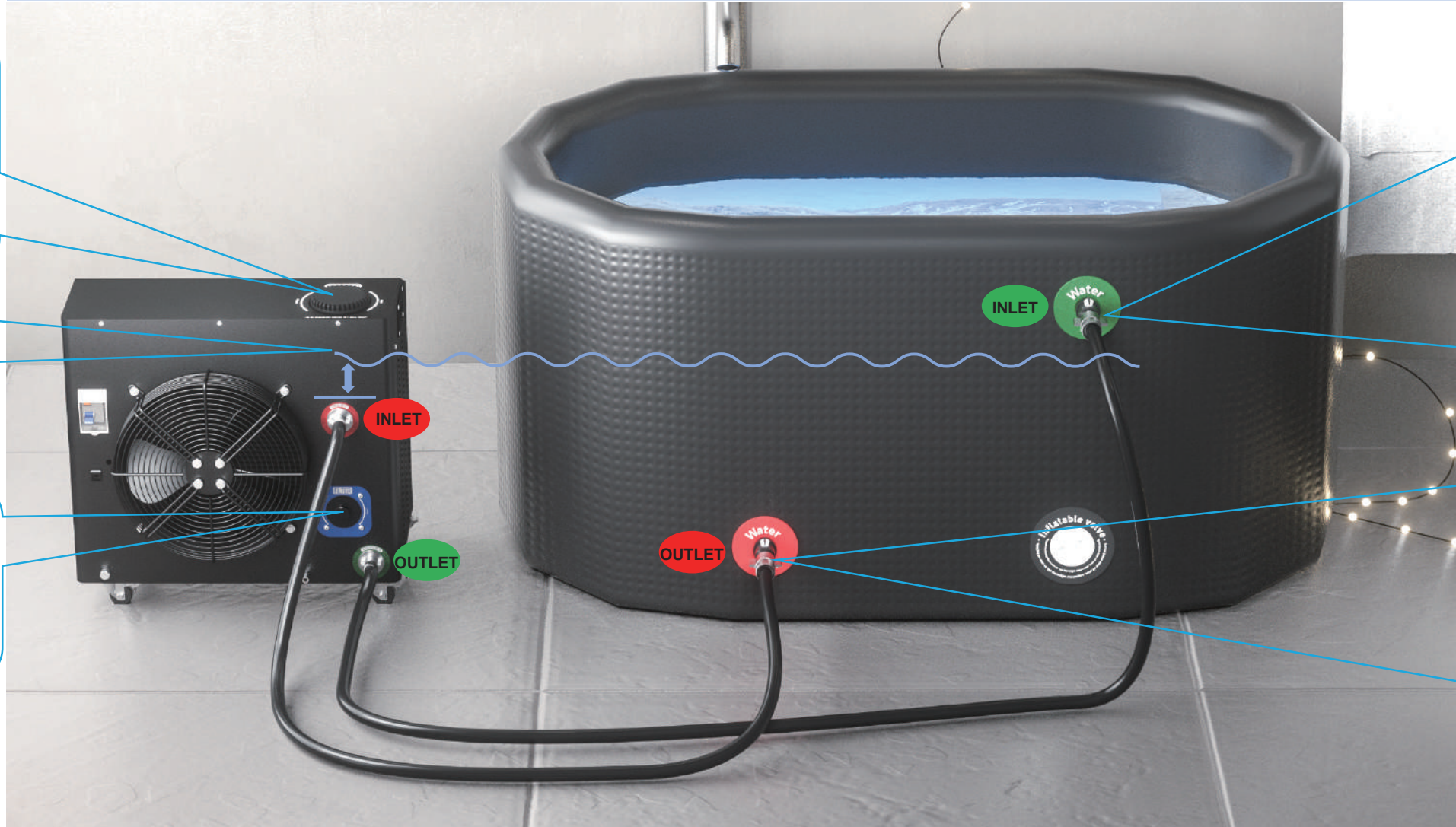
10. Once the desired temperature is reached, power off the chiller before starting your cold water therapy session.

## Water pipes connection and bathtub water level diagram

Make sure a clean paper filter element is installed before starting the chiller. Please power off the chiller when replacing the paper filter element.

Bathtub water level: Higher than the chiller inlet and lower than the bathtub inlet.

The built-in filter needs to be cleaned periodically. Power off the chiller when cleaning.



Close the valves before cleaning the built-in filter or replacing the paper filter element. Re-open it once it's done. "+" is closed, "-" is open.



**NOTES:** Before turning on the chiller, please make sure there is enough water in the bathtub and all water pipes are connected properly. Otherwise, the idling of the water pump will generate noise and affect its durability.

# LARGE TOUCH SCREEN!

## TOUCH PANEL INTRODUCTION

### Status Icons

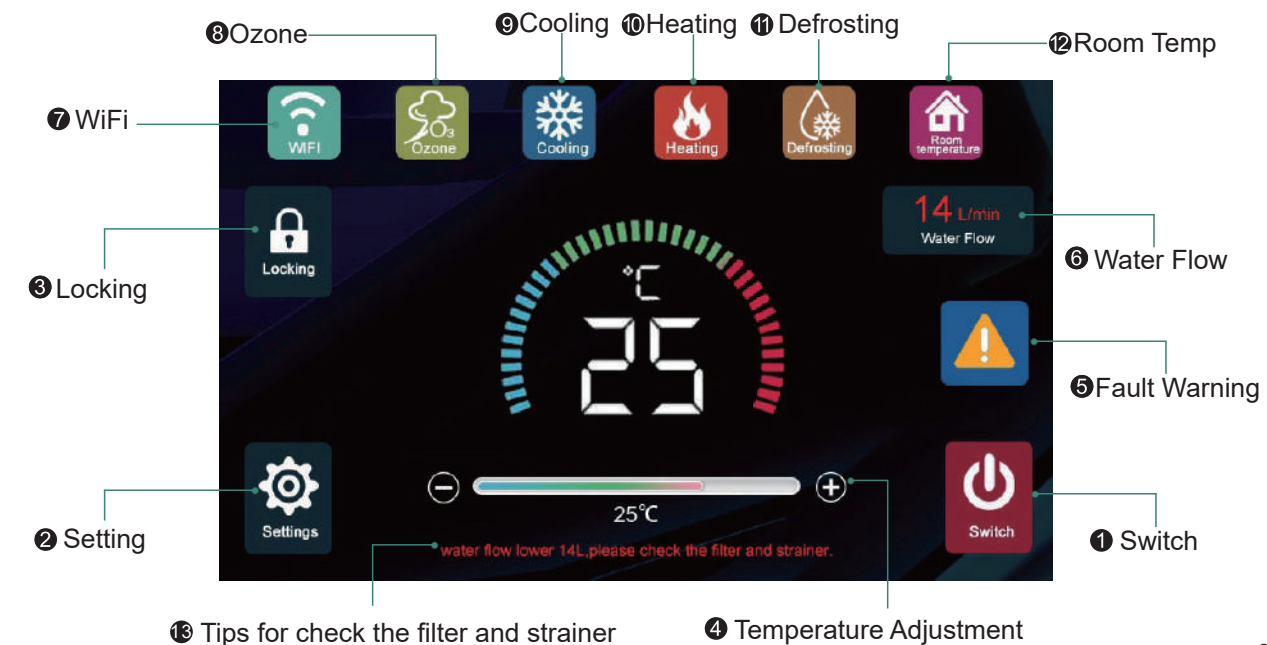


The corresponding icon will only light up when the current function is turned on.

- ① Turn on/of
- ② Press to enter the second screen
- ③ Press 3-5s to lock or unlock
- ④ Press + or- to set the temp
- ⑤ It will be displayed when there is a failure
- ⑥ Displays the current water flow

Remarks: ⑩ ⑪ lights up only for chillers with a heating function when in heating mode.










⑬ When the water flow is lower than 14L/min, a prompt to remind the user to check the filter and built-in filter will appear,

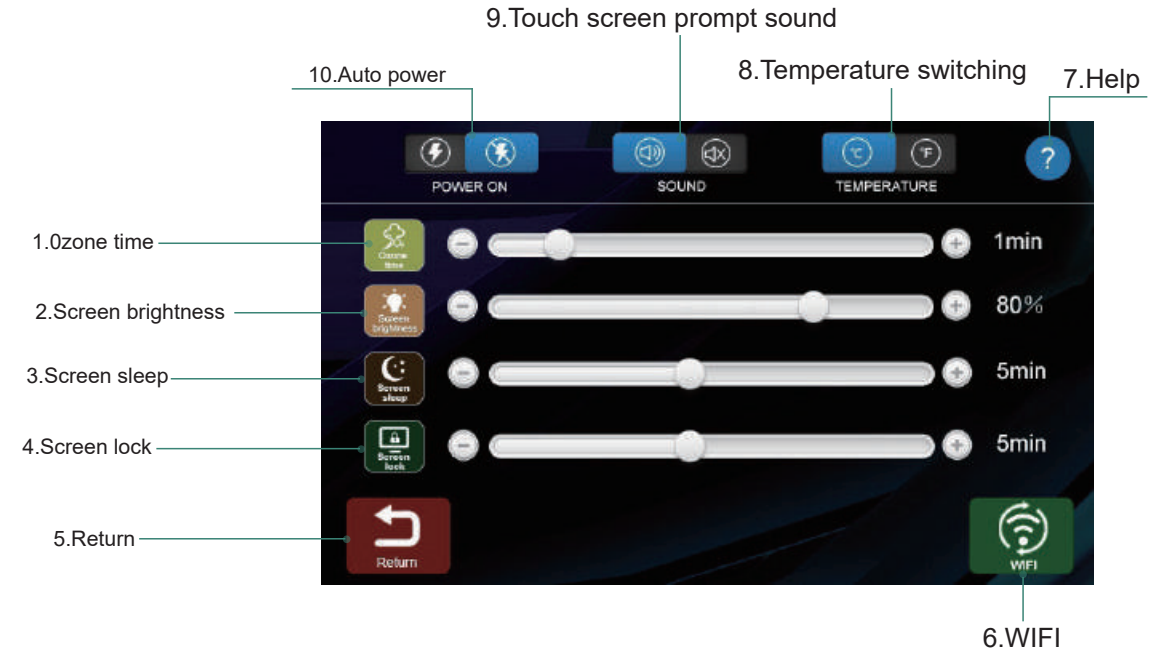


# ICE BATH CHILLER

Indoors And Outdoors Compatible

## TOUCH PANEL INTRODUCTION

1. Adjust the Ozone working time interval: 0 min (close) and max to 5 min 
2. Adjust the screen brightness: min 10%, max 100% 
3. Adjust the screen sleep time: 0 min (close), max 5 min 
4. Adjust the screen lock time: 0 min(close), max 5 min
5. Click return button to enter the first interface 
6. Long press to enter the WiFi function ( connect Tuya or Smart Life) 
7. Click the help Icon to scan the QR code for technical support 
8. Temperature unit switching(°C/°F) 
9. Adjust the button sound: ON/OFF 
10. Power-on automatic operation ON/OFF 



# ICE BATH CHILLER

Enjoy Intelligent Life



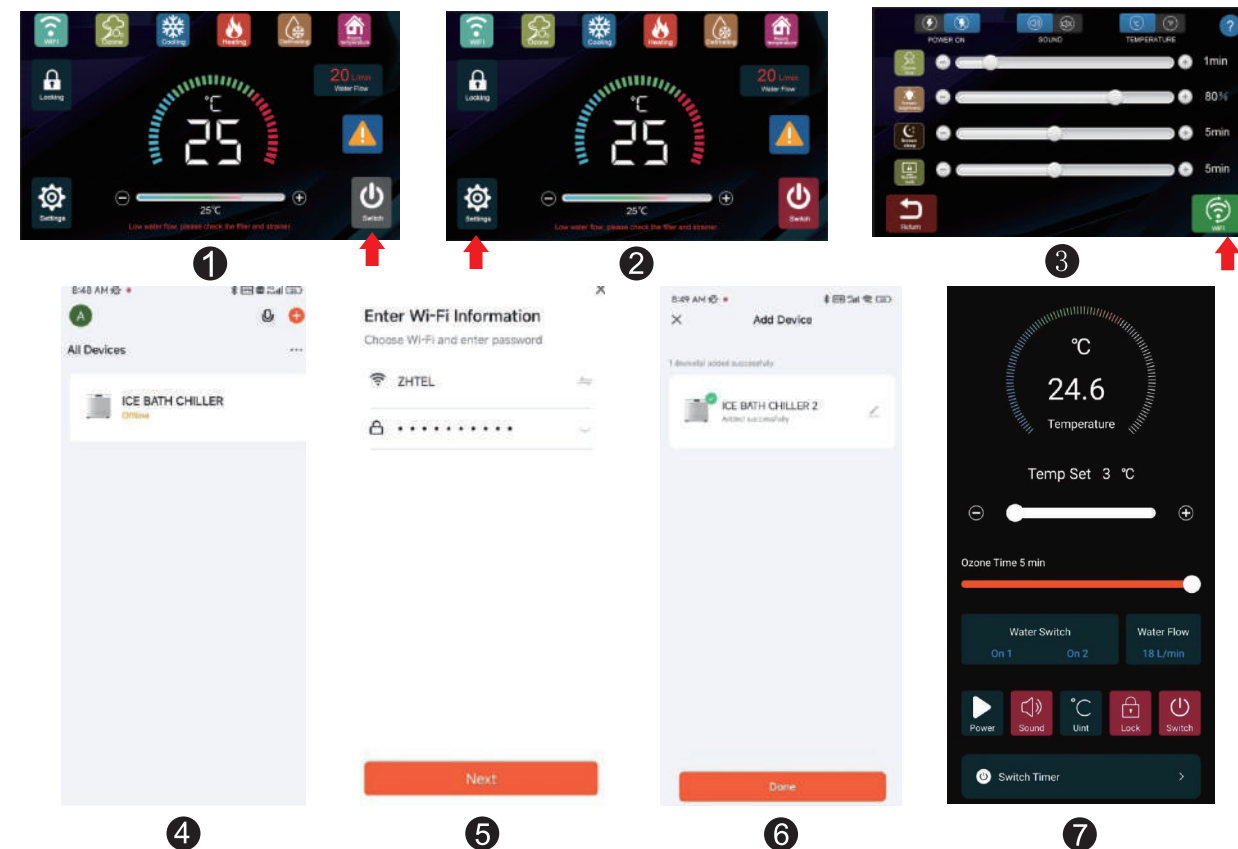
## WiFi CONNECTION



NOTE: Tuya application can only support **2.4G**. Please make sure that both the chiller and your smart phone connects to **2.4G** wireless network.

Tuya Smart









1. Turn on the chiller.
2. Click the settings key.
3. Press WiFi key for 3-5 seconds until the WiFi icon blinks.
4. Turn on the Bluetooth and open the Tuya Smart App on your phone and select the chiller.
5. Enter the WiFi name and password to connect the chiller to WiFi.
6. Once you see the green check icon, the chiller is connected to WiFi.
7. Click 'Done' to enter the APP home page.



# ICE BATH CHILLER

## Mobile Application

### TUYA SMART INTERFACE INTRODUCTIONS

1. Turn on/off (Turn ON/OFF the chiller) 
2. Locking (Touch panel lock/unlock) 
3. Temperature unit switching (°C/°F) 
4. Water Flow
5. Set Time  Switch Timer
6. Touch screen prompt sound (ON/OFF) 
7. Power-on automatic operation ON/OFF 
8. Water Status 2
9. Water Status 1
10. Adjust the Ozone working time interval: 0 min (close) and max to 5 min 
11. Temperature adjustment (3-42°C/37-108°F) 
12. Current Temperature

⑫ Current temperature

⑪ Temperature Adjustment

⑩ Ozone Time Setting

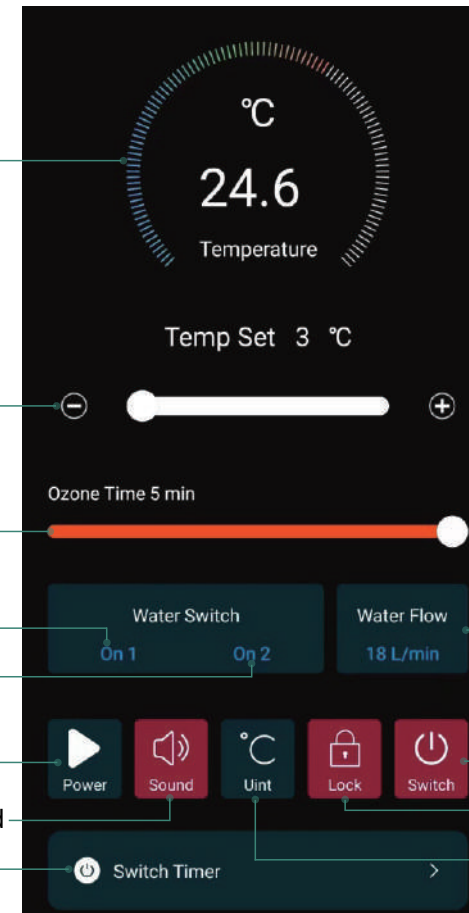
⑨ Water Status 1

⑧ Water Status 2

⑦ Auto Power

⑥ Touch screen prompt sound

⑤ Set Time  
(setting ON/OFF time of the chiller)



④ Water Flow

① Turn ON/OFF

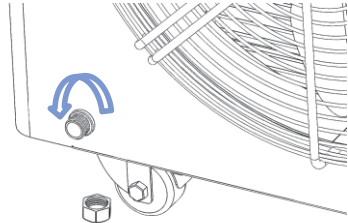
② Locking

③ Temperature Switching  
(°C/°F)

# MAINTENANCE & CLEANING

1. Never clean the chiller with strong bleach-based detergents.
2. Do not put corrosive disinfectants into the water, such as chlorine tablets.
3. Always disconnect it from the power supply before any maintenance or cleaning.
4. Never put the chiller outside in temperatures below 1°C when it has water inside.
5. In the following situations, it is necessary to open the drain outlet and empty the water inside the chiller.

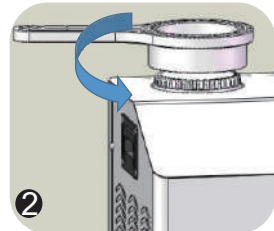
- ① The machine is not used for a long time: To prevent the deterioration of the water inside.
- ② The ambient temperature is below 1°C: To prevent water from freezing and damaging the internal pipelines.



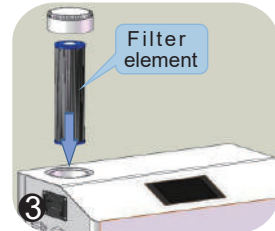
6. Replace the paper filter element when it gets dirty. When a water flow warning displays on the screen, please check the filter to ensure a normal water flow rate and optimal performance.



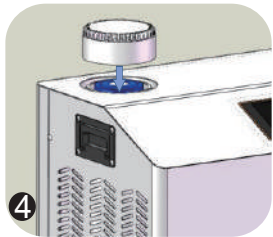
1 Close the valves of the inlet and outlet of the bathtub



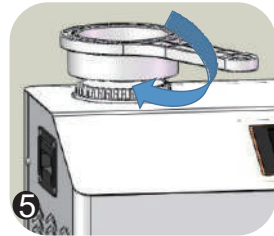
2 Open the lid with the wrench



3 Take out the old filter element



4 Put in a new filter element

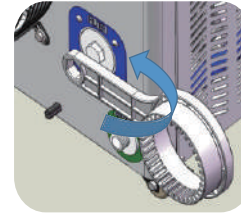


5 Close the lid and tighten with the wrench

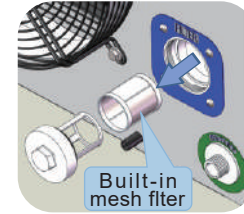


6 Open the valves of the inlet and outlet of the bathtub

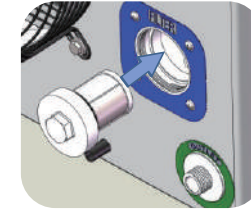
7. Check and clean the built-in filter when the water flow rate gets lower. We recommend cleaning it every four weeks to ensure the water pump is working perfectly.



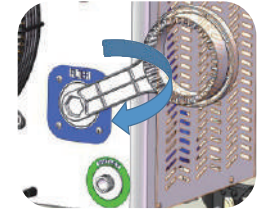
Open the lid with the wrench small side.



Take out the mesh filter and rinse it with water.

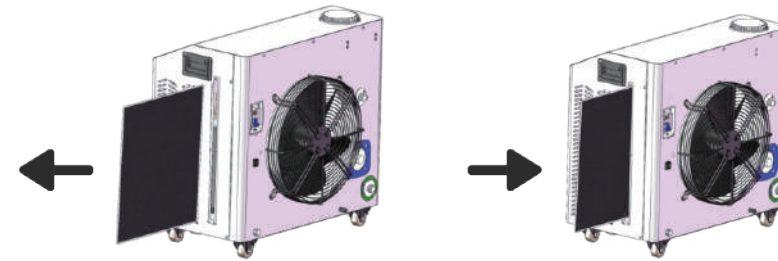


Put in a clean mesh filter.

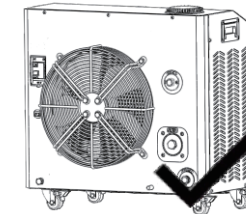
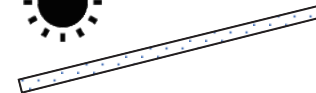
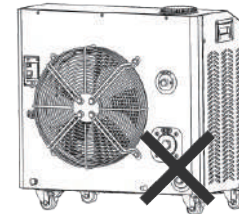


Close the lid and tighten with the wrench small side.

8. Check and clean the dust net when the cooling/heating efficiency gets lower. We recommend cleaning it every three months to ensure the condenser is working perfectly.



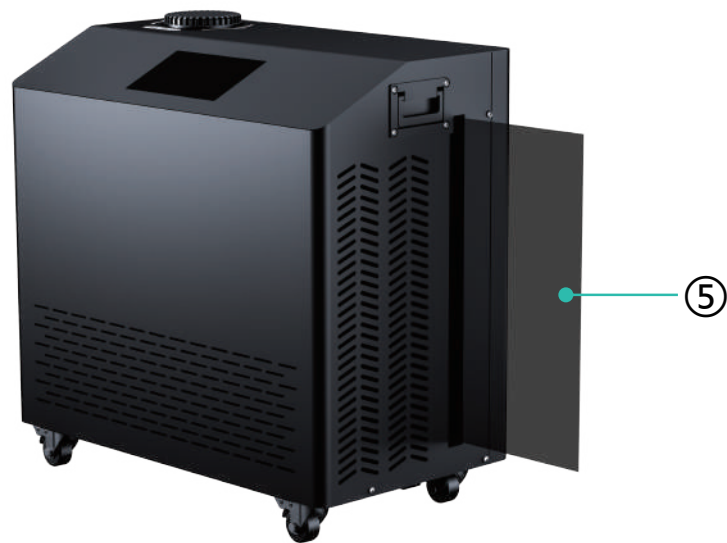
9. Please do NOT place the device directly under the sun or in rain or snow; place the machine under a shelter.



Ice-Bath Chiller Machine Main Technical Data Sheet						
Horse Power	1.0 HP			2.0 HP		
Model No.	SY-10-HC / SY-10-OC			SY-20-HC / SY-20-OC		SY-20-HC / SY-20-OC
Power Supply	100V 50/60Hz	106-127V 60Hz	220-240V 50/60Hz	100V 50/60Hz	106-127V 60Hz	220-240V 50/60Hz
Input Power	1030(110-1175)W	1150(110-1270)W	1060(110-1240)W	1385(110-1570)W	1430(110-1600)W	1950(110-2380)W
Max Input Current	12.5A	12.8A	6.5A	15.6A	13.8A	10.5A
Cooling Capacity	2350(620-3360)W	2700(740-3840)W	2450(650-3730)W	3000(770-4650)W	3600(870-4870)W	5000(670-6550)W
Heating Capacity	2850(750-3750)W (HC)	3270(800-4310)W (HC)		3780(920-5420)W (HC)	4500(980-5630)W (HC)	5800(1350-7560)W (HC)
Heating Function	Yes (HC)					
Cooling Function	Yes					
Refrigerant	R410A					
Water Temperature	3-42°C adjustable					
Ozone Disinfection	Ozone Generator					
Water filter	Installed External					
Remote control	iOS & Android APP,WIFI					
Transport wheels	Yes					
Carry handle	Yes					
Quick Connectors	Yes					
Net Weight	40KG			50KG		52KG
Product Dimension	56*38*56.5CM			56*40*57CM		56*42*57CM
<b>Certification</b>	<b>ETL、PSE、CE、SAA、IPX-4、FCC、RCM</b>					



Ice-Bath Chiller Machine Main Technical Data Sheet				
Horse Power	0.6 HP		0.8 HP	
Model No.	SY-06-HC / SY-06-OC		SY-08-HC / SY-08-OC	
Power Supply	106-127V 60Hz	220-240V 50/60Hz	106-127V 60Hz	220-240V 50/60Hz
Input Power	730(110-970)W	705(110-950)W	890(110-1120)W	865(110-1100)W
Max Input Current	9.8A	5.0A	11.3A	5.8A
Cooling Capacity	1600(360-2460)W	1450(250-2380)W	2230(570-2820)W	2090(450-2710)W
Heating Capacity	1900(450-2770)W (HC)		2505(600-3240)W (HC)	
Heating Function	Yes (HC)			
Cooling Function	Yes			
Refrigerant	R410A			
Water Temperature	3-42°C adjustable			
Ozone Disinfection	Ozone Generator			
Water filter	Installed External			
Remote control	iOS & Android APP,WIFI			
Transport wheels	Yes			
Carry handle	Yes			
Quick Connectors	Yes			
Net Weight	31KG		37KG	
Product Dimension	47*33*54.5CM		51*36*54.5CM	
<b>Certification</b>	<b>ETL、PSE、CE、SAA、IPX-4、FCC、RCM</b>			



## NOTES:

① RCD: It needs to be disconnected (switch to OFF) when replacing the paper filter element or cleaning the built-in filter.

② Drainer: When the machine is not used for a long time, or the storage environment temperature is less than 1°C, the drain outlet needs to be opened to empty the water inside the machine.

③ Paper filter: Before starting the chiller, please make sure a clean paper filter element has been installed, When there is a water flow failure or the water flow is less than 14L/min, please check whether the paper filter element is dirty, If so, please replace it with a new one.

④ Built-in filter: Clean it once a month. When there is a water flow failure or the water flow is less than 14L/min. please check whether the built-in filter net is dirty, If so, rinse it with clean water.

⑤ Dust-proof net: Clean the dust-proof net every three months.

