Cold Plunge Chiller/Heater
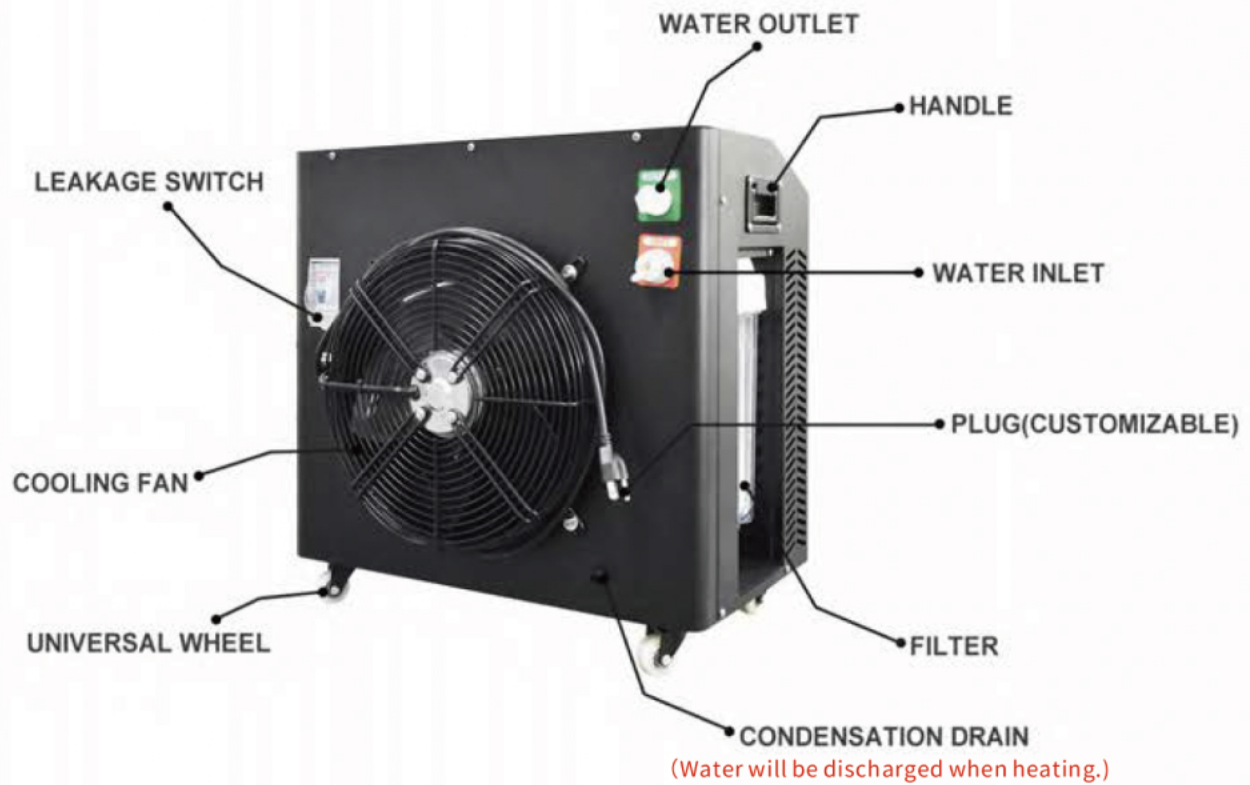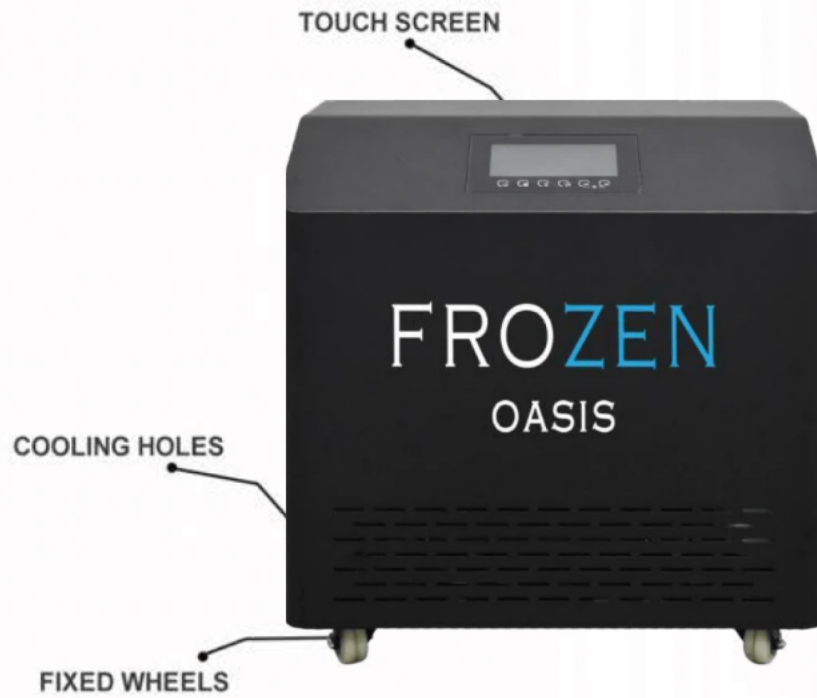
USER MANUAL

Tuya Smart

Smart Life

Note: At present, Tuya can only support 2.4G WiFi signal.Therefore, before connecting the phone to the chiller, please confirm that the WiFi used by your phone is in the 2.4G frequency band. If it is in the 5G frequency band, it will not be able to connect to the chiller.

CAUTIONS:

●Do not turn the chiller upside down.
●Do not use without filter element installed
●Make sure there is more 50cm free space around the chiller

Ensure that the water level inside the bath is always above the lowest marked level before activating the chiller. This is crucial to allow the pump to self-prime properly and prevent the introduction of air into the system. The presence of air can interfere with the machine's operation and potentially reduce its lifespan.

Working Temperature: 3 C~40 C

TOUCH SCREEN

WATER OUTLET

HANDLE

LEAKAGE SWITCH

FRO**ZEN**

OASIS

COOLING HOLES

WATER INLET

COOLING FAN

PLUG(CUSTOMIZABLE)

FIXED WHEELS

UNIVERSAL WHEEL

FILTER

CONDENSATION DRAIN
(Water will be discharged when heating.)

Included Accessories

| Plastic wrench | Filter Element | Water Pipe | Quick Conector | Rubber Seal | Warning Label | Warning Label | User Manual |

How to install?

Remarks:

Replace the filter element in time when it swells or becomes dirty, so as not to affect the operation of the chiller.

Do not operate the chiller without the filter element!
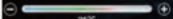
SPECIFICATIONS:

Model No.	SY-06-HC (cooling+heating) SY-06-OC (cooling)		SY-08-HC (cooling+heating) SY-08-OC (cooling)		SY-10-HC (cooling+heating) SY-10-OC (cooling)		SY-20-HC (cooling+heating) SY-20-OC (cooling)	
Power Supply	AC100-127V 60Hz	AC220-240V 50/60Hz	AC100-127V 60Hz	AC220-240V 50/60Hz	AC100-127V 60Hz	AC220-240V 50/60Hz	AC100-127V 60Hz	AC220-240V 50/60Hz
Input Power	640W	610W	725W	710W	1170W	1150W	1690W	1950W
Compressor Power	505W	480W	630W	605W	945W	900W	1450W	1760W
Cooling Capacity	1520W	1450W	1790W	1770W	3050W	2900W	3790W	5750W
Heating Function	Optional							
Cooling Function	Yes							
Refrigerant	R410A							
Water Temp.	3-42°C / 42-3°C							
Disinfection	Built-in ozone disinfection device							
Circulation Pump	Built-in Self-priming System							
Water Filter	Installed External							
WIFI Remote Control	APP in Android & IOS system							
Transport Wheels	Yes							
Carry Handle	Yes							
Quick Connectors	Yes							
AC Plug	US, UK, EU, AU, SA, TH, CH							
Net Weight	30kgs		35kgs		40kgs		45kgs	
Dimension	L43*W33*H48cm		L47*W35*H53cm		L54*W40*H55cm			
Certification	CE, SAA							
Water Volume& Cooling Time (23oC to 5oC) For reference only	50L≤1.5H 100L≤3.1H 200L≤5.2H	50L≤1.9H 100L≤3.5H 200L≤5.6H	50L≤0.8H 100L≤1.7H 200L≤3.9H	50L≤1.2H 100L≤2.1H 200L≤4.2H	200L≤2.8H 500L≥6.5H	200L≤3.1H 500L≥6.9H	200L≤2.5H 500L≥4.6H	200L≤2.0H 500L≥4.1H
	Above data based on testing in closed insulated barrel, 30°C room temperature							
Main Features	Excellent design with low noise		Overloading protection					
	Built-in self-priming circulating Pump		With Anti-freeze System					
	Water and electricity separating system.		Overheating Protection					
	Leakage Protection System for Electricity		Max. Cooling Capacity in Specified Spaces					
	Built-in OZONE disinfection device, and external water filter		Suitable For Indoor and Outdoor Cooling and Heating					
	WIFI Connection Remote Control by IOS & Android System		Excellent value, priced to be as affordable as possible					
	Easy to Install including hoses with quick connecctors		Manufactured with the high quality materials and components that can work under 24h*7					
	Automatic on/off and Constant Temperature System							

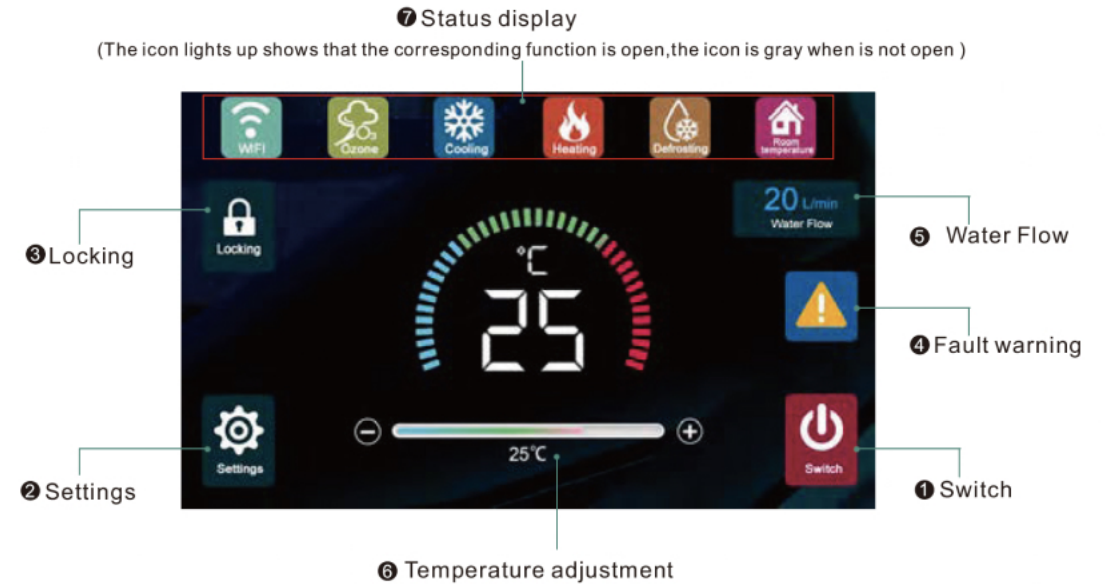# Touch Screen Control

USER MANUAL:

Touch screen introduction

1. Turn on/off ⏻
2. Click ⚙ Settings button to enter the second screen
3. Press 🔒 3-5 seconds to lock/unlock
4. When the machine fails, the fault icon blinks ⚠
5. The water flow rate is displayed when the machine is operating normally
6. Temperature adjustment
7. Status display

❼ Status display

(The icon lights up shows that the corresponding function is open, the icon is gray when is not open)

WiFi | Ozone | Cooling | Heating | Defrosting | Room temperature

❸ Locking

❺ Water Flow
20 L/min
Water Flow

❹ Fault warning

25 °C

❷ Settings

❶ Switch

❻ Temperature adjustment
25℃

Touch screen introduction

1. Adjust the ozone time min 0 minutes, max 1 minute
2. Adjust the screen brightness to a minimum of 10% and a maximum of 100%
3. Adjust the screen sleep time to 0 minutes and the max to 5 minutes
4. Adjust the min screen lock time to 0 minutes and the max to 5 minutes
5. Click return button to enter the first interface
6. Advanced Settings
7. Press for several second to turn on/off
8. Click the help Icon to scan the QR code for technical support
9. Temperature switching(℃/℉)
10. Adjust the touch screen prompt sound, which can be muted
11. Auto power on

10. Touch screen prompt sound
11. Auto power
9. Temperature switching
8. Help

POWER ON   SOUND   TEMPERATURE

1. Ozone time — 1min
2. Screen brightness — 80%
3. Screen sleep — 5min
4. Screen lock — 5min

Recognize text

5. Return

6. Advanced Settings   7. WIFI
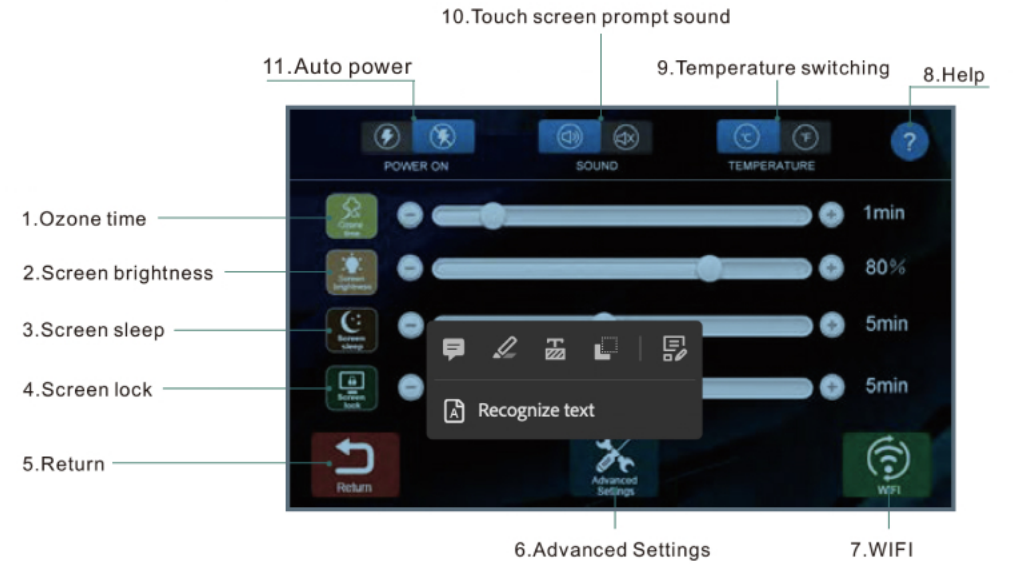
ICE BATH CHILLER

Smart App Control

WIFI Disposition

1. Turn on the chiller.
2. Click the settings key.
3. Press WIFI key for 3-5 seconds until the WIFI blinks.
4. Open the Tuya APP on your phone.
5. Select add device.
6. Turn on your phone's WIFI connection and enter password.
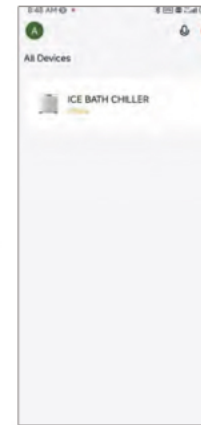7. Succeeded in adding a link, Enter the APP control screen.
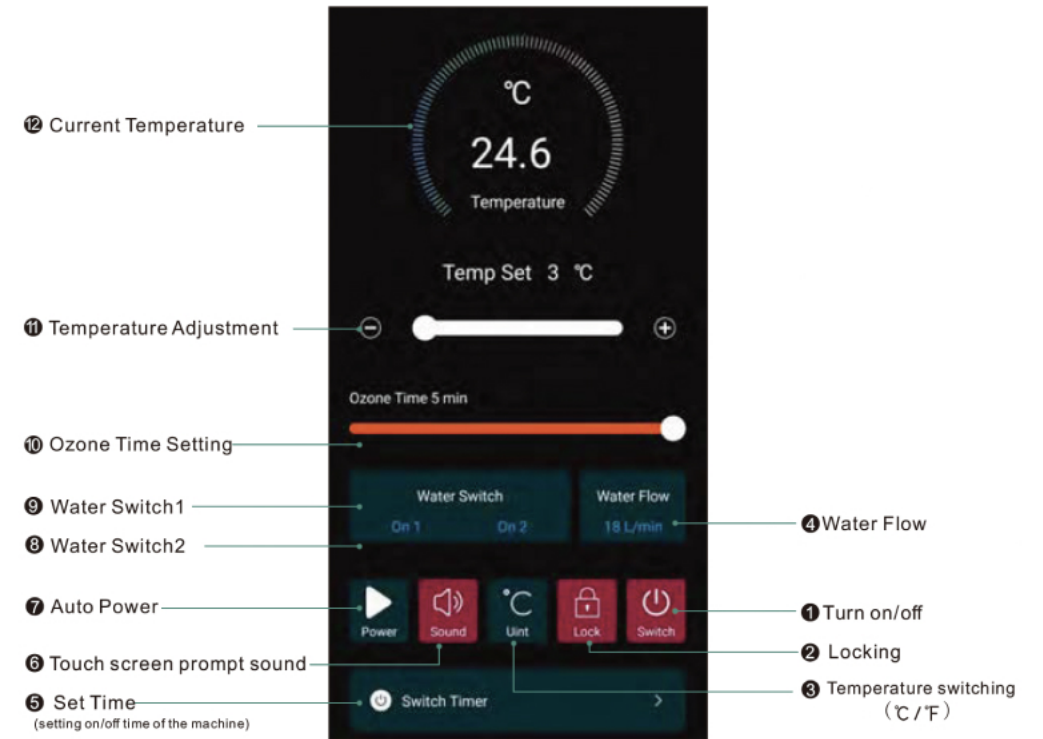

❶   ❷   ❸

❹   ❺   ❻   ❼

Wi-Fi Control
Mobile Application

App interface introduction

1. Turn on/off (Turn on/off the chiller)
2. Locking (Machine screen lock/unlock)
3. Temperature switching (Units switch ℃ / ℉)
4. Water Flow
5. Set Time

6. Touch screen prompt sound (ON/OFF)
7. Auto Power
8. Water Switch1
9. Water Switch2

10. Ozone time setting (Ozone time can be adjusted from 0-5 minutes)
11. Temperature adjustment (The temperature can be adjusted from 3-42 Celsius)
12. Current Temperature

⑫ Current Temperature

℃
24.6
Temperature

Temp Set 3 ℃

⑪ Temperature Adjustment

Ozone Time 5 min

⑩ Ozone Time Setting

⑨ Water Switch1

Water Switch   On 1   On 2

⑧ Water Switch2

Water Flow   18 L/min   ④ Water Flow

⑦ Auto Power

Power   Sound   Uint   Lock   Switch

❶ Turn on/off
❷ Locking
❸ Temperature switching (℃ / ℉)

⑥ Touch screen prompt sound

⑤ Set Time
(setting on/off time of the machine)

Switch Timer

Error Code	Alarm	Reason	Solve Solutions	Machine Status
IN	NO	Bad panel connection	Re-plug both ends of the cable	Can not work
HH	YES	The water temperature is higher than the upper limit temperature	If there is a difference between the low water temperature and the displayed water temperature, the water temperature sensor is faulty.	Can not work
FL	YES	No water flow or too little water flow	1. No water flow: the water pump is broken or stuck, and the waterway is blocked 2. Small water flow: There may be a tube folded in the waterway, the water flow is not smooth, or the waterway is not cleaned for too long, and the scale is blocked, flush it with an air gun. 3. The water flow protection switch is broken: replace the water flow switch.	Press and hold the mode button + setting button for 5 seconds to force the alarm to be dismissed, and the machine will work normally.
Ch1	YES	Bad Sensor (Green)	Replace the NTC1 temperature sensor, restart the machine after replacement.	Can not work
HEA	NO	Heating Failure	The machine can only do the cooling function	Normal Work
ICE	NO	Water temperature below freezing point	Turn off the machine, pour hot water into the bucket and heat it for 20 minutes, then turn it on again. If the antifreeze solution is used, you can press the MODE + SET button at the same time to force the alarm and the machine will resume normal operation.	Press key2+key3 at the same time for 3 seconds to forcibly cancel the alarm, and the machine returns to normal work.
PA	NO	Sensor failure (Red)	Replacing the NTC3 temperature sensor	Normal Work
AA	NO	Temperature Sensor Failure	Replacing the NTC4 temperature sensor	Normal Work

Fault Code Analysis and Solution

Alarm description: When the effect is affected but it can work normally, an alarm will sound. If it does not affect the work, it will not alarm.

Precautions:

1. Avoid obstructing the room's fan outlet, as it can diminish the effectiveness of heating and cooling while also wasting energy.

2. Keep equipment cleanliness a priority. Regularly inspect and maintain both the equipment and its filtering devices.

3. Never touch the fan while the equipment is running to prevent potential finger injuries.

4. Be vigilant about matching the product's rated voltage with your home's power supply voltage.

5. Exercise caution during equipment operation – refrain from touching switches or any electrical components with your hands.

If you have any questions, comments or concerns please contact us.
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