

CHILLER USER MANUAL



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CHILLER USER MANUAL - IMPORTANT SAFEGUARDS

Basic safety precautions should always be observed when using an ice bath, including the following: 1. Test the TEST button on the leakage switch before using the ice bath to ensure that the leakage protection is effective.

2. Children should be supervised to ensure that they do not play with the chiller.

3. Do not tilt the chiller more than 45 degrees, as this may cause the compressor to malfunction.

4. Do not cover air inlet holes of the chiller when in use as this may cause the compressor failure.

5. Keep the fan at least 70 cm away from the wall to prevent hot air from being drawn back into the chiller, And DO NOT put the chiller in a small enclosed space.

6. Do not unplug the chiller when the ozone signal is still flashing on the screen.

7. When the chiller is in heating mode, it's normal to have condensate water leaking from the chiller.

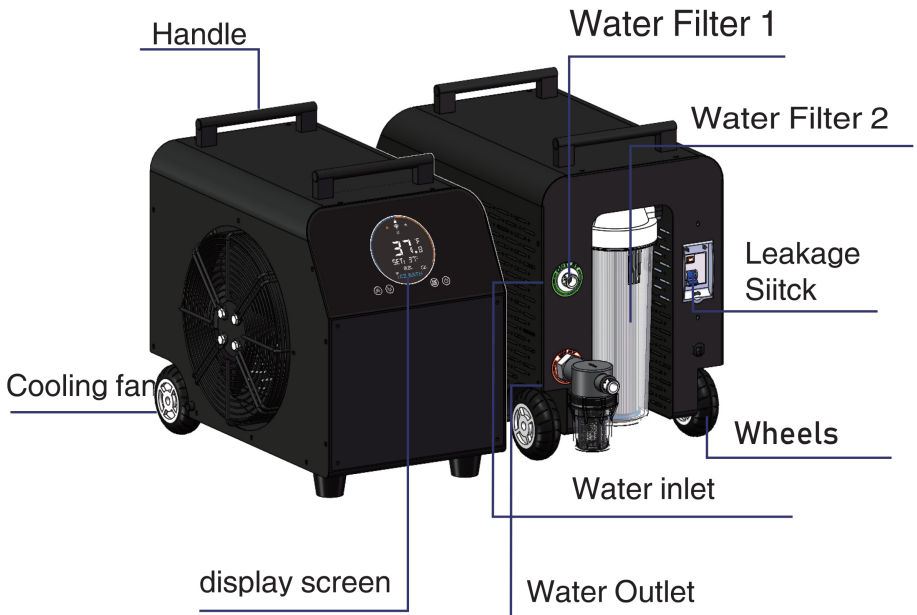
8. Put the chiller indoor or under a shelter if placed outside and protecting from freezing during winter weather.

9. When the ambient temp is below 0 Celsius degree, please drain the water inside the chiller prevent freezing and further damage to the chiller.

10. Turn off the chiller when it reaches the set temp and unplug the power supply before taking a bath.

CHILLER USER MANUAL -APPLIANCE DESCRIPTION

1. Carry Handles
2. Led screen
3. Water hoses
4. Water outlet
5. Water inlet
6. Water filter 1
7. Water filter 2
8. Leakage switch
9. Cooling fan
10. Wheels



CHILLER USER MANUAL

-CONTROL PANEL DESCRIPTION

Button description:

1:UP button



2: DOWN button



3:SET button



4:ON/OFF button



CONTROLPANEL BUTTON MANUAL:

1. Temperature Set:

Click the 'SET' button until flashing, Click or press the 'up' or 'down' button to set target temp.

2.WIFI set

Switch on bluetooth on your phone, connect to a 2.4GHz WIFI network (not 5GHz), Press and hold the "SET" button on the chiller for 6 second until you hear a beep, the WIFI icon on the chiller should startflashing, open the TUYA app on your device to connect with the chiller.

3. Child lock:

Press and hold the 'UP' button and 'DOWN' button together for 5 seconds to lock or unlock the controlpanel.

4. Modes changes:

Press and hold the 'UP' button for 15 second to switch 'cold only' or 'dual temp' modes if the chiller isdesigned to have both modes.

5."C and F changes:

Press and hold the 'DOWN' button for 10 second to exchange the temperature units between "C and "下,

CHILLER USER MANUAL

-Working and Storage Temp

Cooling mode' s working ambient temperature:

- ▲ $-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ($-41^{\circ}\text{F} \sim 104^{\circ}\text{F}$) PS: if the ambient temp is over 40°C , the chiller will still work, but with lower cooling efficiency.

Heating mode' s working ambient Temperature:

- ▲ $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ($-50^{\circ}\text{F} \sim 104^{\circ}\text{F}$)

- ▲ Storage Temperature: $1^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($33.8^{\circ}\text{F} \sim 122^{\circ}\text{F}$)

- ▲ Storage Relative Humidity: 20%~85%

- ▲ IMPORTANT REMINDER:

When the chiller is not in use,

Please remind customer to disconnect the inlet and outlet hoses and keep the chiller running without water till FL is showed on screen. this is to prevent:

1. Scale deposit will settle inside the water pump and vacuum pump and cause clog.
2. water inside the chiller get frozen in winter time and cause chiller damage.

Included Accessories



water hose



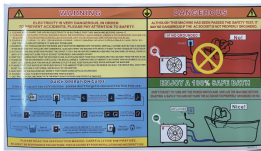
Filter Element*1



Wrench*1

Use
Manual

Use Manual*1



Warning Label*1



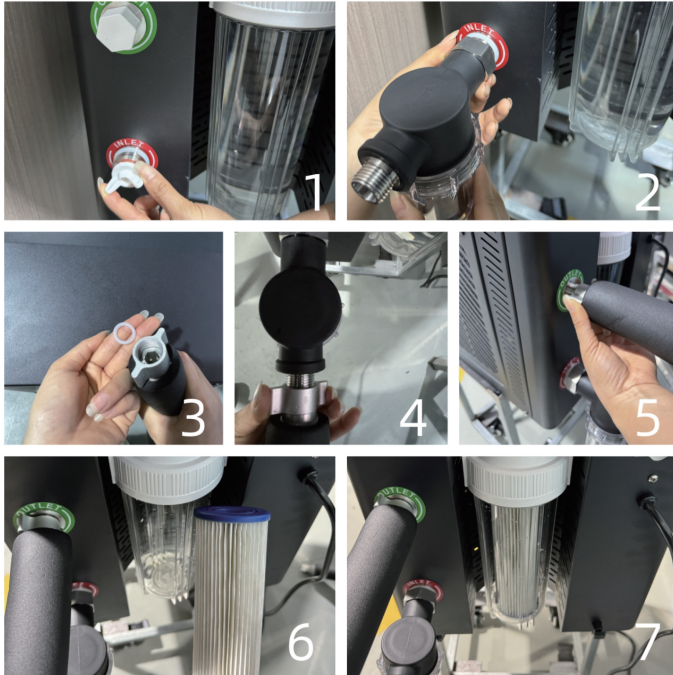
Hair Cutting
Filter*1



Rubber Sealing Rings

CHILLER USER MANUAL

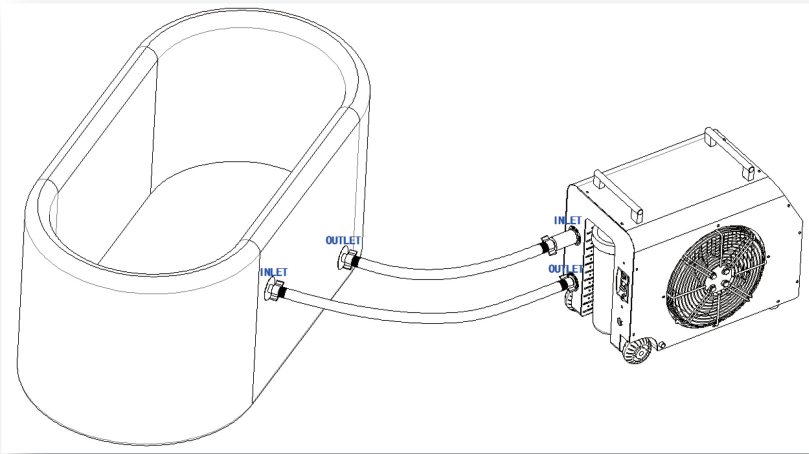
- HOW TO INSTALL



1. Take off the two plugs.
2. Install the hair catching filter to the water inlet.
3. Place the rubber sealing ring into the pipe joint.
4. Connect the water pipe to the water inlet.
5. Connect the other water pipe to the water outlet.
6. Unpack the filter element.
7. Install the filter element into the filter bottle.

CHILLER USER MANUAL - HOW TO INSTALL

Step 1: First connect chiller INLET to the tub OUTLET, making sure the connection parts is with sealing gasket . (Torque 4KG)



Step 2: Connect the chiller OUTLET to the tub INLET, making sure the connection parts is with sealing gasket . (Torque 4KG),

Step 3: Add enough water to tub and wait few hours for water to cool to desired temp.

Step 4: Turn off the chiller, and enjoy a safe bath.

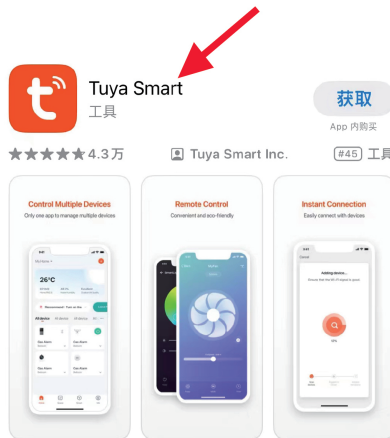
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-APP CONNECTION

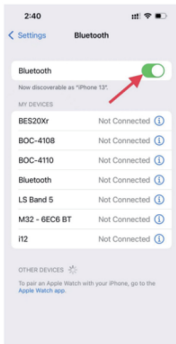
App setup

Ensure that your smartphone is connected only to a 2.4 GHz WiFi network and that bluetooth is turned on. Make sure that your smartphone and the chiller are in the same area with WiFi coverage. The chiller is not programmed to work with 5 GHz WiFi networks.

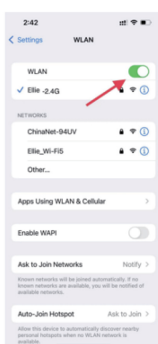
- Download the "TUYA SMART" app by searching for the app in the App Store or Google Play Store
- Install the app on your smartphone and create an account (both are required).
- if prompted, open the app in your browser to download it.



1. Switch on Bluetooth on your ios device.



2. Connect to a 2.4GHz WiFi network(not 5 GHz)



3. Press and hold the SET button on the chiller for 6 second until you hear a beep.



4. The WiFi icon on the chiller should start flashing



Reference the following photos for ios setup

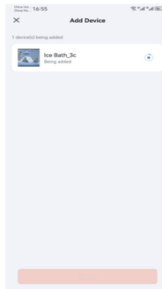
5. Open the TUYA app on your ios device



6. When the device pop-up appears,click the "Add"button.



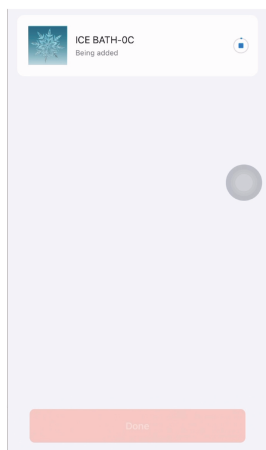
7. Click the "+" button.



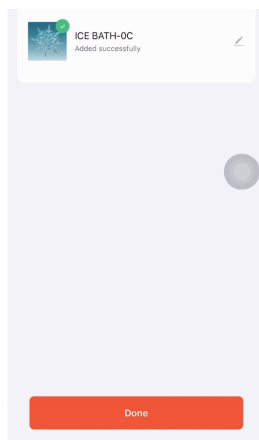
8. Enter your WiFi ID and password(note: only use a 2.4GHz netwesk) and click" Next".



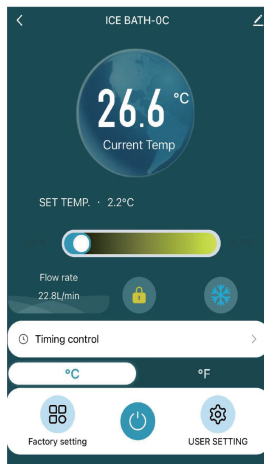
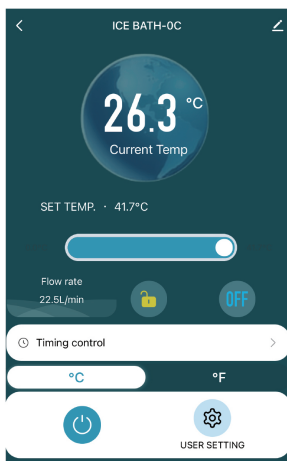
9. Wait for the setup to complete



10. Click the "Done" button.



11. Once the setup is complete, you should be able to control the chiller remotely using your smartphone from any location.



CHILLER USER MANUAL - FAULT CODE AND SOLUTION

Error Code:FL,indicating the number 2 or 3 on the lower right corner of the screen .

Reason One:

Leakage of the chiller pipeline.

Solution:Please check if set up the sealing rings on the connector of the hose and if the water level higher than water inlet.

Reason Two:

Self-priming pump failure

Solution:

Please check if the self-priming pump is working.

If there is no sound of working or is working without bubbles outflow of the water outlet, replace the self-priming pump

Reason Three:

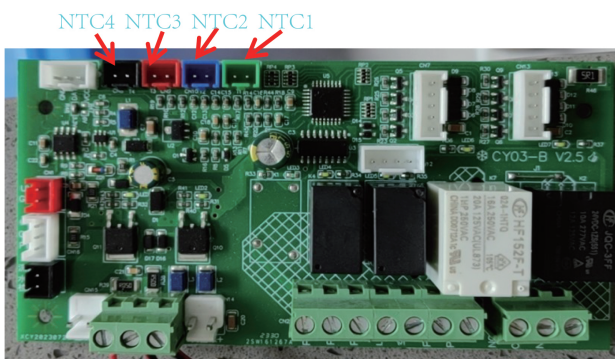
Water pump failure

Solution:Compel reset the machine.

CHILLER USER MANUAL - FAULT CODE AND SOLUTION

ERROR CODE	CAUSE	SOLUTIONS
CH1	NTC1 failure	Replace the NTC1 temp sensor, re-start the chiller
CH2	NTC2 failure	Replace NTC2 temp sensor
CH3	NTC3 failure	Replace NTC3 temp sensor
CH4	NTC4 failure	Replace NTC4 temp sensor

The position of the above sensor pairs on the motherboard is shown in the following figure:



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- WATER TEMPERATURE TROUBLE-SHOOTING

Cooling And Heating Malfunction

Reason One:

If neither of the compressor and the fan works ,please replace the mainboard

Reason Two:

If the compressor and fan are working,the fan exhaust temperature is higher than the ambient temperature (more than 5 degrees higher than the ambient temperature when cooling down, below the ambient temperature of more than 4 degrees when heating up), the machine runs normally

If the fan exhaust temperature is the same or slightly higher than the ambient temperature, it indicates that the refrigerant of machine is leaking.

Reason Three:

If the cooling efficiency is slower than before , please clean the dust on the condenser.

Reason Four:

If the compressor works but the fan does not work, the fan or mainboard is faulty.

Reason Five:If the fan works but the compressor does not work, the compressor or the mainboard is faulty.

