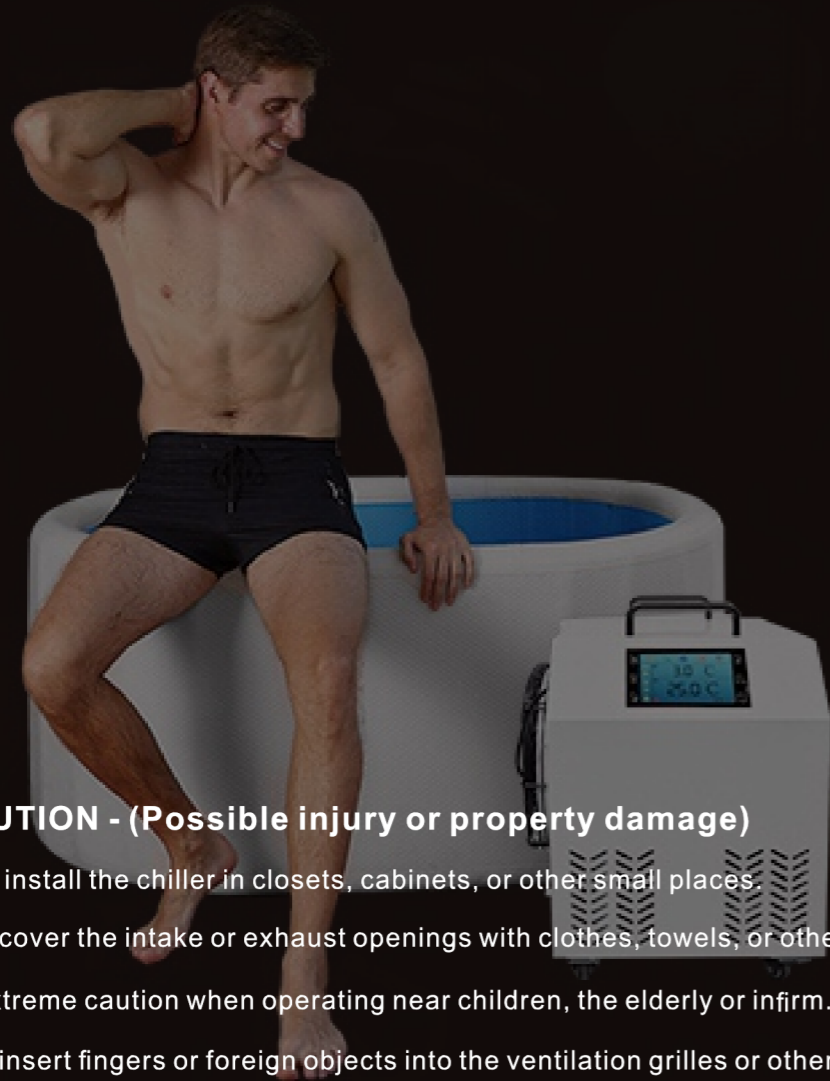


REVEL CHILLER USER MANUAL





⚠ CAUTION - (Possible injury or property damage)

- Do not install the chiller in closets, cabinets, or other small places.
- Never cover the intake or exhaust openings with clothes, towels, or other objects.
- Use extreme caution when operating near children, the elderly or infirm.
- Never insert fingers or foreign objects into the ventilation grilles or other parts of the chiller.
- Do not place heavy objects on the power cord or run it under carpets or rugs.
- Do not climb, sit, or stand on the chiller, or place objects on top of it.
- The operators of the chiller must be at least 18 years old.



Smart Life



Tuya Smart

No further notice will be given, if the product function is upgraded. Contact us for the latest information.



Accessories(For XY-08-OC/XY-08-HC/XY-10-OC/XY-10-HC/XY-20-OC/XY-20-HC)



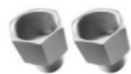
Inner Strainer Wrench



Filter Elements (Optional)



Water Pipes



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

Quick Connectors



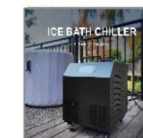
Rubber Seals



Warning Label



Operation Label



User Manual

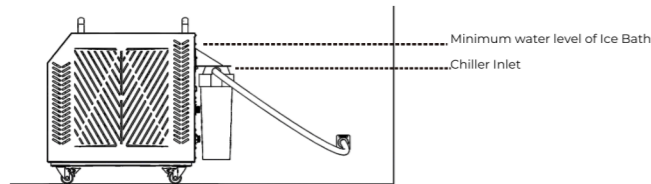
SPECIFICATIONS



Technical parameter table of ice bath chiller

Product Name	0.8HP		1HP		2HP	
Model No.	XY-08-HC XY-08-OC		XY-10-HC XY-10-OC		XY-20-HC XY-20-OC	
Power Supply	100-127V 60Hz	220-240V 50/60Hz	100-127V 60Hz	220-240V 50/60Hz	100-127V 60Hz	220-240V 50/60Hz
Input Power	725W	710W	1150W	1060W	1500W	1950W
Compressor Power	630W	605W	945W	900W	1260W	1660W
Cooling Capacity	2230W	2090W	2700W	2450W	3600W	5000W
Heating Function	2505W		3800W		4500W	5800W
Water Temperature	3°- 42°C adjustable					
Ozone Disinfection	Optional					
Circulation Pump	Yes					
Water filter	Yes					
Remote control	Yes					
Refrigerant	R410A					
Cooling Function	Yes					
Transport wheels	Yes					
Carry handle	Yes					
Quick Connectors	Yes					
Certification	CE					
Net Weight	29KG		35KG		45KG	
Product Dimension	56.2*43.5*52CM		62*42.4*55.6CM		69.2*44.3*60.5CM	
Water Volume & Cooling Time (From 23°C to 5°C Based on ambient temperature 28°C For your reference.)	50L≤0.8H 100L≤1.7H 200L≤3.9H	50L≤1.2H 100L≤2.1H 200L≤4.2H	200L≤2.8H 500L≤6.7H	200L≤3.1H 500L≤7.2H	200L≤2.5H 500L≤5.6H	200L≤2.0H 500L≤4.5H

1. Position the chiller on a stable surface close to your Revel Glacier Tub.
2. Attach the connection hoses to both the Inlet and Outlets of the chiller, ensure the valves are firmly hand tightened.
3. Attach the connection hoses to both the Inlet and Outlets of the ice bath. Note: The upper inlet hose of the ice bath should connect to the water inlet pipe on the chiller filter. The lower outlet hose of the ice bath should connect to the outlet of the chiller. The water will draw from the upper half and enter in the lower half of your Revel Glacier Tub.
4. Ensure that the Revel Glacier Tub is filled with an adequate amount of water (approx 20cm below the tub edge), ensuring at a minimum that the water level surpasses the height of the tub outlet & inlet.
5. Also ensure the water level of the Revel Glacier tub is higher than the height of the chiller inlet as below.



6. Ensure the sediment filter is placed into the filter cup. The filter cup should be firmly **hand** tightened to the chiller, taking care to not over tighten.
7. Ensure the built-in inner filter is installed and outer bolt is tightened, taking care not to over tighten.
8. Ensure the Chiller drainer plug is firmly in place, plug in and switch on the chiller, the chiller will self-prime (draw water into the chiller and filter) until it is ready to use.
10. Upon completion of the priming cycle it will start to chill and filter the water within a few minutes.
11. The built-in ozone sterilisation system automatically starts when the chiller is turned on, the Ozone settings can be adjusted via the supporting application.

ASSEMBLY

DISPLAY

Key Screen Introduction

Status Icons



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

Long press ① to power on or off.

Long press ② to switch temperature units: Fahrenheit/Celsius.

Long press ③ to configure the network. The WIFI icon will blink during configuration, and the icon will remain steadily lit once network configuration is successful.

④ - Start temperature setting/confirm current temperature value.

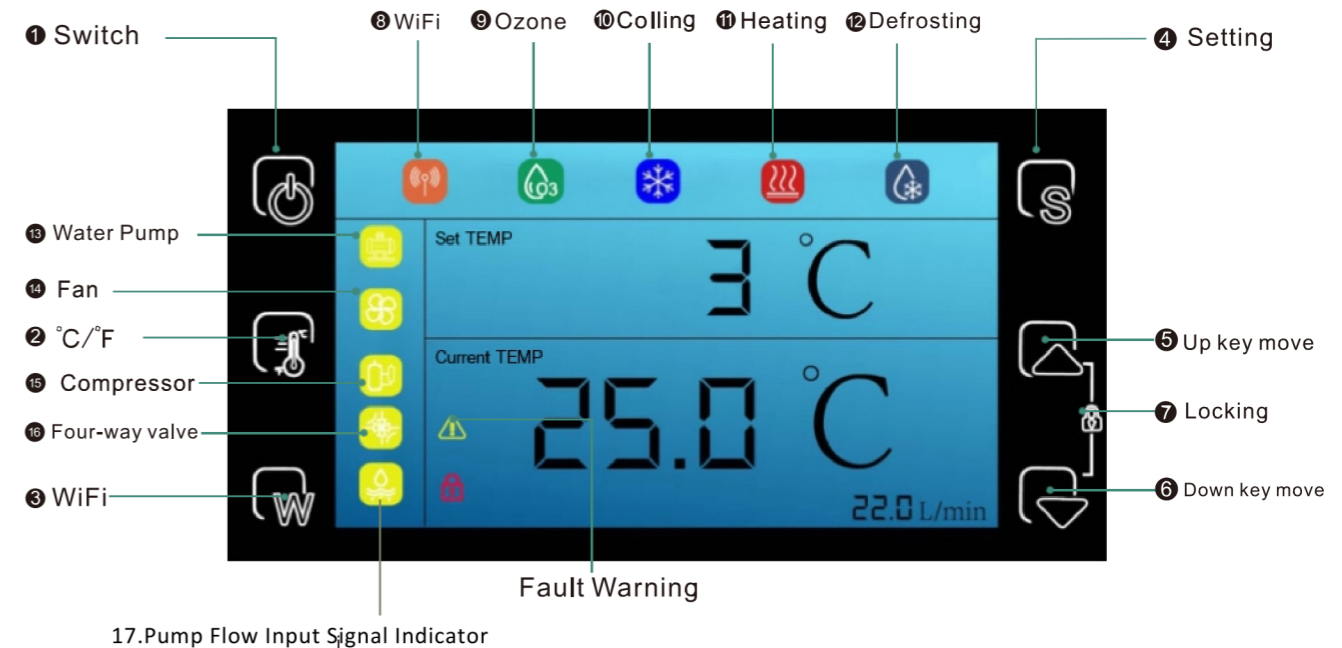
⑤ - Move cursor up/increase temperature (long press for 5 seconds to activate heating mode, the heating icon will blink 5 times).

⑥ - Move the cursor down to decrease the temperature (long press for 10 seconds to restore factory settings; this button is disabled during power-up operation).

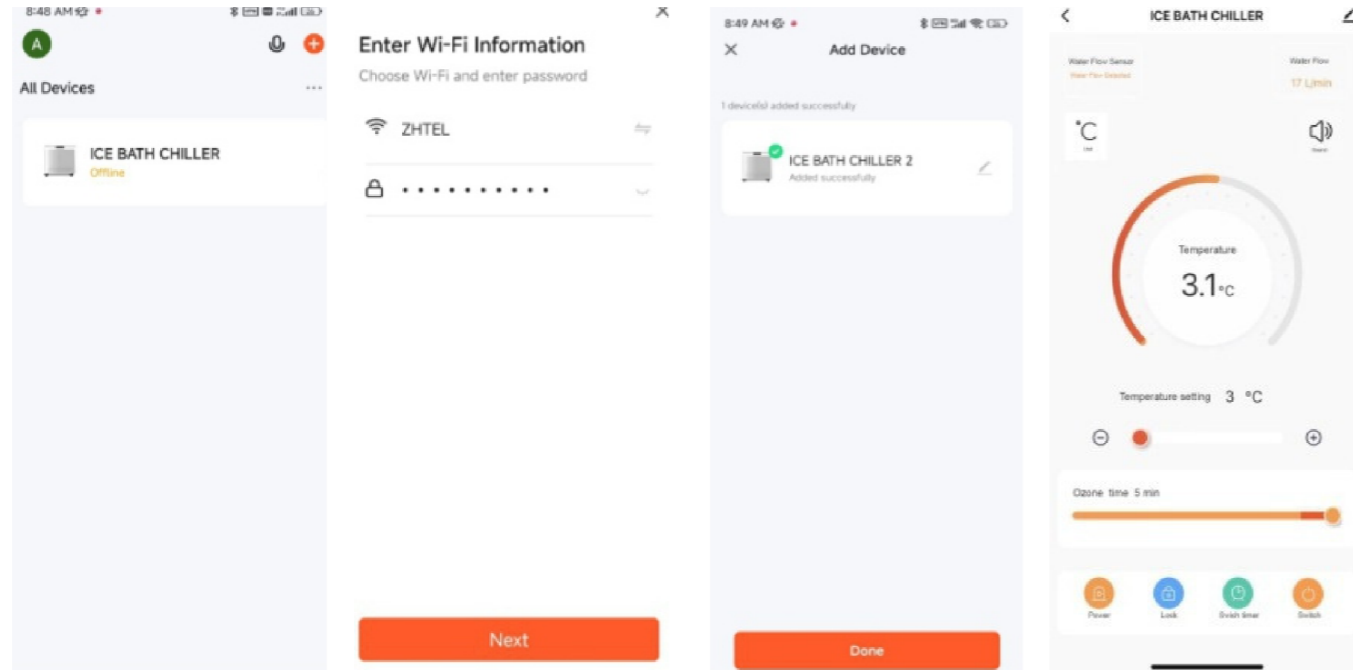
Automatic power-on when connected to electricity: Press button ②, then long press button ③.

Activate ozone sterilization: Press button ③, then long press button ②. Adjust the time using buttons ⑤ and ⑥.

Remarks: ⑤⑥ Press the up and down buttons at the same time to open the child lock, and press the up and down keys to unlock the child lock.











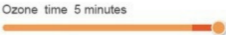
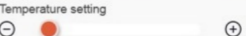

1. Turn on the chiller.
2. Press the Settings key.
3. Press and hold the WiFi key for 3-5 seconds until the WiFi icon blinks.
4. Open the Tuya Smart App (or Smart Life App) on your phone.
5. Select add device.
6. Turn on your phone's WiFi connection and enter password.
7. Once the app successfully recognises the device, enter the App user interface.

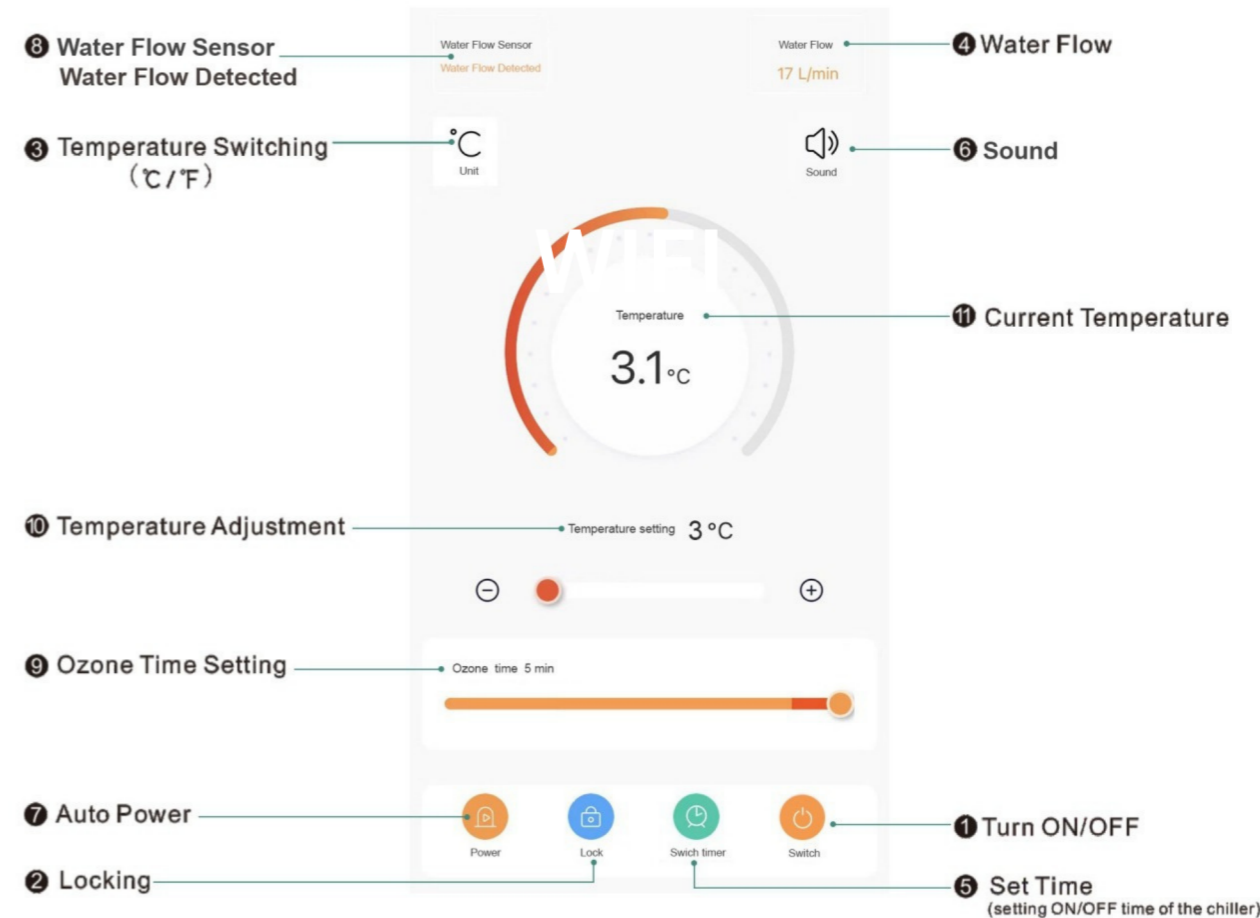


WIFI

SMART APP

Tuya Smart Interface Introductions

1. Turn on/off (Turn ON/OFF the chiller)  Switch
2. Locking (panel lock/unlock)  Lock
3. Temperature unit switching (°C/°F)  Unit
4. Water Flow  Water Flow
17 L/min
5. Set Time  Switch timer
6. Sound (ON/OFF)  Sound
7. Power-on automatic operation ON/OFF  Power
8. Water Flow Sensor / Water Flow Detected  Water Flow Sensor
Water Flow Detected
9. Adjust the Ozone working time interval: 0 min (close) and max to 5 min  Ozone time 5 minutes
10. Temperature adjustment (3-42°C/37-107°F)  Temperature setting
11. Current Temperature  31.1



Issues with the Water flow & Suction:

- Ensure hose adaptors and connectors are properly tightened with the sealed ring in place (where applicable)
- Ensure water filter cup is hand tightened and filled with water.
- Ensure the paper filter does not need replacing, clean the steel mesh filter and dust filter on the fan
- Check to ensure the hoses are not kinked and that water can flow through them freely
- Ensure water level in bath is at least 5cm higher than water inlet on Chiller
- Completely power off chiller and turn on again, consider draining chiller prior and then re-priming i.e. turn on and ensure water flows into the chiller again
- Potential Flow sensor issues - contact supplier
- Water flow slows down when Ozone is in operation, deactivate Ozone temporarily

Water leak from the Chiller:

- Ensure all connections are tightened and nothing is split

Displayed water temperature is different from the water temperature in the Tub:

- The temperature sensor is housed inside the chiller so there will be a natural difference in temperature of +/- 1 degree, the ambient temperature & environment plays a factor in this.

Slow Cooling Speed:

- Many factors can determine the cooling speed including, how full the tub is, the ambient temperature & environment, insulation of the tub i.e. if the cover is on or off - poor ventilation around the fan of the chiller

Chiller not cooling or heating after powering off and on.

- Contact the supplier

TROUBLE SHOOTING

MAINTENANCE

CHANGING YOUR REVEL GLACIER WATER

Residential use:

- We suggest changing the water in your Revel Glacier every 6-8 weeks, adjusting up or down based on usage and personal preferences.
- You do not need to add Chlorine as every Revel Glacier comes with a built-in Ozone Generator which disinfects the water against bacteria and viruses far more effectively.

Commercial use:

- We suggest changing the water in your Revel Glacier every 1-2 weeks, depending on the amount of use.
- *In many states, it's mandatory to add chlorine to the water when catering to various clients. Always seek guidance on water quality from professionals, such as your local or state city council, or a nearby pool/spa shop.*

CLEANING YOUR CHILLER SEDIMENT FILTER

All Revel Glaciers come with a washable 50 micron sediment filter, for daily personal use we recommend to clean (and replace if necessary) every 3-4 weeks adjusting based on usage and personal preferences.

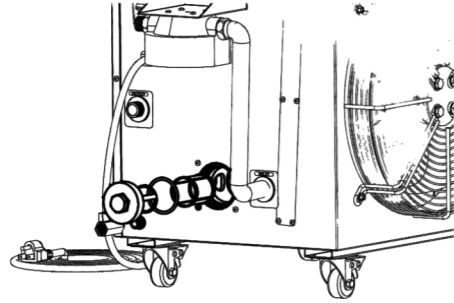
For commercial use we recommend to clean (and replace if necessary) every 1-2 weeks depending on the amount of use.

Please note - During warm bathing sessions with the Revel Glacier, your time spent in the water will be extended, leading to detoxification as your body expels sweat, skin, and debris into the water. Consequently, you'll need to clean and replace your filter more frequently compared to ice bathing.

To aid in the maintenance of the filter, monitor the flow rate of the chiller on the app. If you notice the chiller operating more strenuously or observe a decrease in the flow rate below normal levels, it signals that it's time to clean or replace the filter. Additionally if you see debris in your filter it's time to clean or replace.

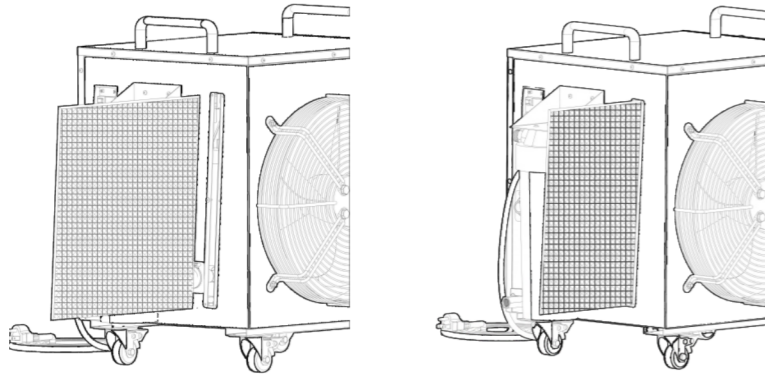
CLEANING THE CHILLER INNER-FILTER

Inspect and clean the inner filter if you notice a decrease in the flow rate after cleaning or replacing your sediment filter above. We suggest cleaning the inner filter every 6-8 weeks to alleviate strain on the water pump.



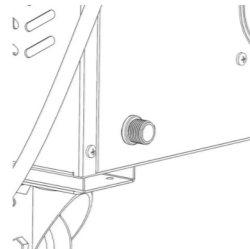
CLEANING THE CHILLER DUST NET

We recommend cleaning the dust net every 12 weeks to maintain optimal performance of the condenser.



EMPTYING THE CHILLER WATER

Empty the chiller water every time you change the Revel Glacier Tub water, to empty the water simply remove Chiller Drain plug. Ensure this is reattached prior to starting/priming the chiller.



MAINTENANCE

MAINTENANCE

- Avoid obstructing the fan outlet and ensure there's approximately 1m of clearance around it. Failing to do so will diminish the chiller's capacity to heat and cool the water, resulting in increased wattage, higher power consumption and potential chiller failure.
 - Keep your Revel Glacier in top condition by regularly inspecting and cleaning the equipment, following instructions as outlined above. Always ensure the device is switched off during maintenance.
 - Never put the chiller in temperatures below 1 degree. If the temperature is likely to drop below 1 degree (i.e., freezing) or you are storing the Chiller for a extended period of time, ensure to remove all water from the tub, the chiller and the connecting hose pipes.
 - Never clean with strong bleached based detergents or use corrosive disinfectants in the water.
 - Avoid exposing the Revel Glacier Chiller directly to sunlight, rain, or snow. It's advisable to place under cover, away from weather elements, to maintain its condition.
 - Failing to adhere to these precautions will void any manufacturing warranty.
- Working Temperature: 1°C~45°C
 - Storage Temperature: -20°C~55°C
 - Storage Relative Humidity: 20%~85%
- (Make sure that there is no water in the internal pipeline of the chiller)



 REVEL