



Revel Glacier

PRODUCT MANUAL



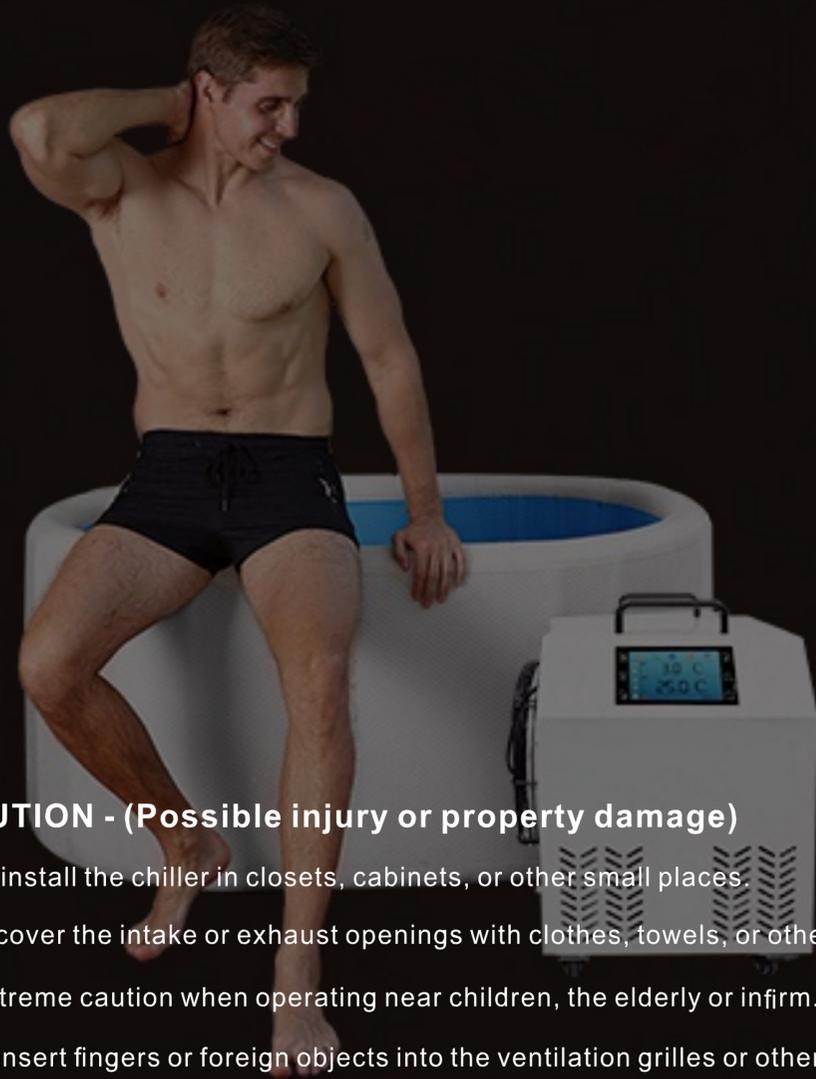
Contents

Important Safety	01
Precautions	02
Getting Acquainted	03
Specifications	04
Assembly Guide	05
Display	06
WiFi & Smart App	07
Glacier Ice Bath Maintenance & Recommendation	08
Maintenance	09
Trouble Shooting	10

Important Safety

PLEASE READ ALL OF THE SAFETY PRECAUTIONS & FOLLOW ALL INSTRUCTIONS CAREFULLY.

- 1. WARNING:** To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.
 - 2. DANGER:** Risk of accidental drowning. Extreme caution must be exercised to prevent unauthorised access by children. To avoid accidents, ensure that children cannot use this product unless they are supervised at all times.
 - 3. DANGER:** Risk of electric shock. Install at least 1.5 meters, from all electrical devices.
 - 4. DANGER:** Risk of Electric Shock. Do not permit any electrical appliance, such as a light, mobile, radio, television, etc. within 1.5 meters of the Glacier.
 - 5. WARNING:** To Reduce the Risk of Injury:
 - a) Before entering the Glacier, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature regulating devices may vary as much as $\pm 2^{\circ}\text{C}$.
 - b) The use of alcohol, drugs, or medication before or during use may lead to unconsciousness with the possibility of drowning.
 - c) Persons suffering from obesity or a medical history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before using an Glacier.
 - d) Persons using medication should consult a physician before using the Glacier Ice Bath since some medication may induce drowsiness, while other medication may affect heart rate, blood pressure and circulation.
 - 6. WARNING:** Use the cover straps and clip tie downs to secure the cover when not in use. This will help to discourage unsupervised children from entering the Glacier. There is no representation that the cover, clip tie downs, or actual locks will prevent access to the Glacier Ice Bath.
 - 7. WARNING:** Children should not use the Glacier Ice Bath.
 - 8. WARNING:** To avoid injury, exercise care when entering or exiting the Glacier Ice Bath.
 - 9. WARNING:** Pregnant or possibly pregnant women should consult a physician before using the Glacier Ice Bath.
 - 10. WARNING:** The use of alcohol or drugs can greatly increase the risk of fatal hypothermia in Ice baths.
 - 11. WARNING:** Do not turn on power to the Glacier Ice Bath until filled to the required level. Running the chiller without water could cause immediate damage and void your warranty
- LOCATION RECOMMENDATIONS:**
Wherever you choose to install your new Glacier Ice Bath, ensuring a sturdy foundation is essential. If using pavers, they should be at least 5cm thick and 30cm square. Even with using Pavers, the Glacier Ice Bath may still settle over time and require re-levelling.
For deck installation, it's crucial to confirm that your deck can support the weight of the Glacier Ice Bath. Determine your deck's maximum load capacity by consulting a qualified building contractor or structural engineer. The weight per square foot of the Glacier Ice Bath, when filled with water, is 1,500 lbs. Make sure this weight doesn't exceed the rated capacity of your deck to prevent serious structural damage.



▲ 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.

Getting Acquainted



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



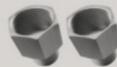
Inner Strainer Wrench



Filter Elements (Optional)



Water Pipes



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



Rubber Seals



Warning Label



Operation Label

Specifications

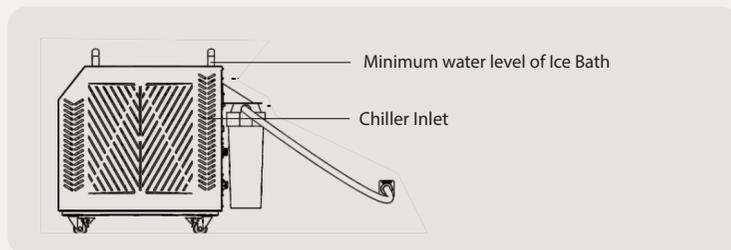


TECHNICAL PARAMETER TABLE OF ICE BATH CHILLER

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

Assembly Guide

1. Position the Glacier Ice Bath & Chiller on the same stable level surface - place the filter into the plastic filter cup and **only screw the cup on half way (allowing air & water to initially run out when the bath is filled)**
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 Glacier.
4. Start filling the Glacier by running a hose into the bath - Ensure that the Glacier bath is filled with an adequate amount of water (approx. 20cm below the tub edge - some adjustment will be needed here depending on the users), ensuring at a minimum that the water level surpasses the height of the tub outlet & inlet.



IMPORTANT - BLEEDING AIR FROM THE CHILLER:

As the water level passes the top water outlet, the water will run down the hose and fill up the filter bottle - when the water starts running out of the filter bottle you can now tighten the bottle taking care not to over tighten.

You will also need to open the drain valve located on the bottom left of the chiller - when water is freely running out of this drain you can close again. These 2 steps allow any trapped air in the chiller to escape ensuring your chiller will prime correctly and start working!

5. You can now plug your chiller in and turn on. If the chiller does not automatically power on, you will need to hold down the power button for 2 seconds until the display lights up. You will then need to press the power button again to start the Chiller. The Chiller will prime (draw & circulate water inside) and then start to chill or heat depending on what your desired temperature setting is.
6. To adjust the temperature hold down the setting button 'S' and press the up or down arrows. The built-in ozone sterilisation system automatically starts when the chiller is turned on, the Ozone settings can be adjusted via the supporting application.
7. Emptying the Glacier bath - on the underside of the bath is a small extendable hose connected to the drain plug of the bath - pull this out and if required connect (via the supplied adaptor) to a hose to empty the water in your desired location. You can pop the bath plug to allow the water to run out.

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.

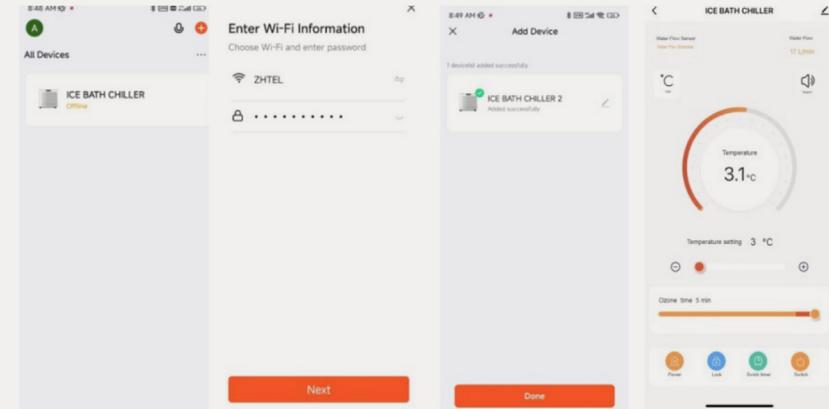
Activate ozone sterilization: Press button ③, then long press button ②. Adjust the time using buttons ⑤ and ⑥.

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.



WiFi

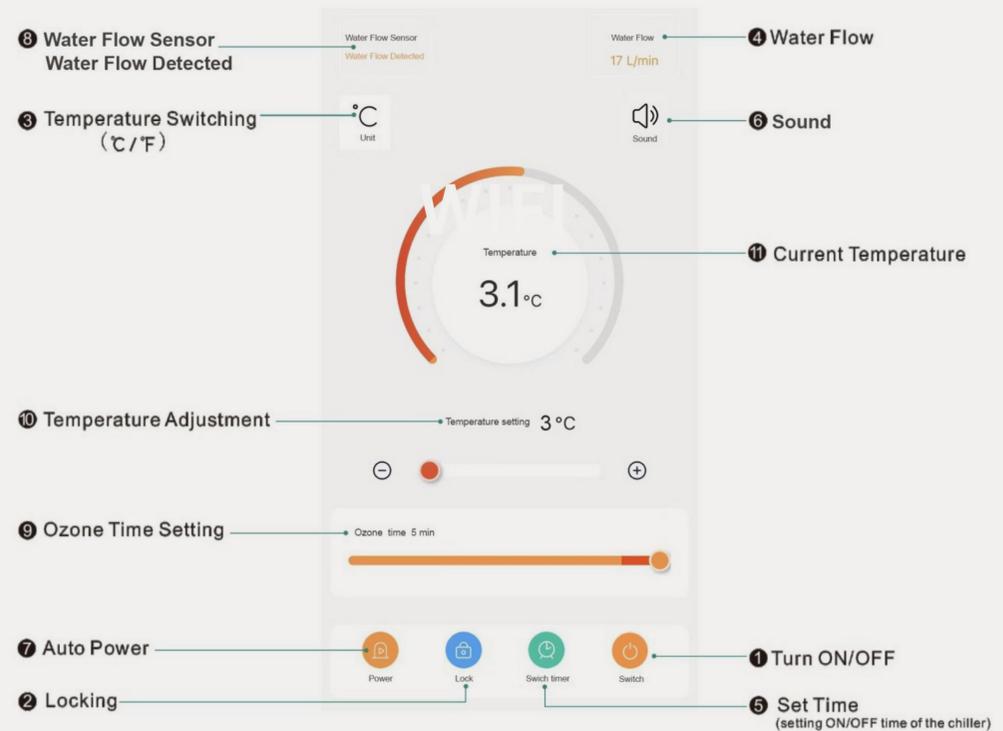
1. Turn on the chiller.
2. Press the Settings key.
3. Press and hold the WiFi key for 3-5 seconds until the WiFi icon blinks.
4. Open the Tuya Smart App (or Smart Life App) on your phone.
5. Select add device.
6. Turn on your phone's WiFi connection and enter password.
7. Once the app successfully recognises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



Smart App

TUYA SMART INTERFACE INTRODUCTIONS

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



Glacier Ice Bath Maintenance

IMPORTANT: For the longevity and appearance of your Glacier Bath, it is recommended to place out of the rain & direct sunlight. If choosing to store the bath outside in the elements without roof cover, you will need to regularly treat the timber by coating with an exterior clear coat. This will seal the timber and prevent water and sun damage.

EACH USE: Ensure to wipe down any remove any water that remains on the Glacier step and the edge of the Glacier bath after each use-continually leaving water on these timber surfaces will decay and decrease the life of your Glacier bath. Consider using a towel on the timber step to prolong its lifetime.

MONITOR: Inspect the water cleanliness each day, the chiller should be run each day for a minimum of 2-4 hours to circulate the water. Create a schedule to change out the water (depending on the usage) - when emptying and refilling the bath, wipe down and clean the stainless steel interior

DRAINING: Empty the Glacier bath - on the underside of the bath is a small extendable hose connected to the drain plug of the bath - pull this out and if required connect (via the supplied adaptor) to a hose to empty the water in your desired location. You can pop the bath plug to allow the water to run out.

Non adherence to the maintenance recommendations voids the manufacturing warranty

Recommendations

- 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 Chiller 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 Chiller directly to sunlight, rain, or snow. It's advisable to place under cover, away from weather elements, to maintain its condition
- Working Temperature: 1°C~45°C
- Storage Temperature: -20°C~55°C
- Storage Relative Humidity: 20%-85%

Non adherence to the maintenance recommendations voids the manufacturing warranty

Maintenance

CLEANING YOUR CHILLER SEDIMENT FILTER

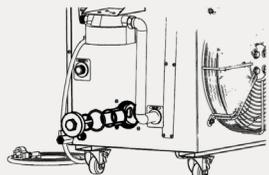
All Revel Chillers come with a washable 50 micron sediment filter, for daily personal use we recommend to clean (and replace if necessary) every 3-4 weeks adjusting based on usage and personal preferences.

Please note - During warm bathing sessions 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.

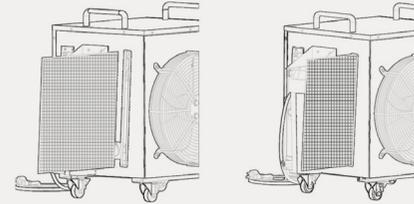
CLEANING THE CHILLER INNER-FILTER

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.



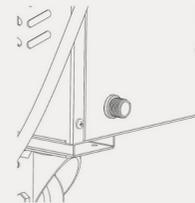
CLEANING THE CHILLER DUST NET

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 Glacier bath water, to empty the water simply remove Chiller Drain plug. Ensure this is reattached prior to filling the bath again.



Trouble Shooting

ISSUES WITH THE WATER FLOW & SUCTION

- Ensure hose adaptors and connectors are properly tightened with the sealed ring in place (where applicable)
- Ensure the water filter cup is hand tightened and filled with water, to check this, untighten the cup allowing water to run out, then retighten.
- Check the paper filter ensuring it does not need replacing, clean the Built in steel mesh filter (see page 2 for the location) 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 the Chiller
- Completely power off chiller and turn on 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 adaptors are tightened and nothing is split or cross threaded - consider using plumbers tape. Ensure the built in steel mesh filter is tightened

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 & ON

- Contact the supplier



Live Longer, Live Better