



Acrylic Plunge User Manual



For any additional questions, please contact us at help@reviveplunge.com

Thank you for choosing Revive!

Warnings & Precautions

WARNING: Electrical and water-based equipment can be hazardous.

Failure to follow these precautions may result in serious injury, equipment damage, or a voided warranty. Always prioritize safety and proper setup when installing, operating, or maintaining your plunge.

Electrical Safety

- Confirm that your power supply meets the requirements listed on the label at the back of the unit.
 - Use only a dedicated 110–120V GFCI outlet. Test the outlet before use and periodically.
 - Do not use extension cords, power strips, or shared outlets with other high-draw equipment.
 - If you notice unusual sounds, tripped breakers, or any electrical malfunction, stop using the unit immediately and contact [Revive Support](#).
 - If the power cord or plug becomes damaged, discontinue use until inspected and repaired by a licensed professional.
-

User Safety

- The plunge should only be used by adults or under close adult supervision. Children and pets must be kept away from mechanical compartments.
 - Do not operate the plunge while under the influence of alcohol, drugs, or sedating medications.
 - If you are pregnant or have cardiovascular, respiratory, or other medical concerns, consult your physician before use.
 - This product is not a medical device and is not intended to diagnose, treat, or cure any condition.
 - When servicing or inspecting the plunge, use caution around fans, vents, and moving parts. Do not place body parts or tools into mechanical areas while the unit is powered on or running.
-

Local Codes & Requirements

- The plunge must be installed and used in accordance with all applicable local building, electrical, and plumbing codes.
 - It is the owner's responsibility to ensure code compliance. Revive is not liable for any damages or violations resulting from improper installation.
-

Ventilation & Equipment Clearance

- Always maintain at least 24 inches (60 cm) of clearance around the fan compartment and air vents.
 - Do not obstruct airflow during operation. Restricted ventilation will reduce performance and may cause overheating or damage.
 - Never enclose the plunge in a tight space without active airflow.
-

Environmental Conditions

The plunge can be used in both outdoor and indoor environments, provided that the setup meets the following conditions:

- Indoor spaces must have waterproof flooring and proper drainage to handle occasional water exposure from splashing, dripping, or draining.
 - Ensure sufficient ventilation to manage humidity buildup, especially in enclosed spaces.
 - Do not operate the unit in areas prone to flooding or standing water.
 - Avoid direct heavy rainfall or snow unless the plunge is under a proper waterproof cover.
-

Winter Operation & Cold Weather Risks

The Acrylic Plunge is built for year-round use and includes a powerful 1 HP chiller with both cooling and heating capabilities, making it suitable for consistent use in a wide range of conditions.

It can cool the water down to approximately 32°F and heat it up to approximately 107°F, meaning it supports both cold plunges and hot soaks—even during the winter months. To prevent damaging components:

- Do not set the plunge temperature below 32°F in freezing conditions. Due to compressor cycling and temperature deviation, water temperatures can dip below the set point.
- In sub-freezing temperatures, you may:

- Close the inlet and outlet valves inside the side compartment to prevent water from entering the plumbing.
 - Drain the plumbing lines and filter containers.
 - Leave the tub filled and powered off. The stainless steel tub can safely withstand ice buildup.
 - Alternatively, fully drain the plunge and shut off power.
 - Or move the unit to a location with ambient temperatures above 32°F to continue normal operation.
-

Long-Term Inactivity & Storage

If you plan to leave the plunge unused for an extended period (e.g., travel, seasonal closure), and won't be maintaining the water chemistry or filter schedule:

- Drain the entire system to prevent bacteria buildup and component wear.
 - This includes:
 - Draining all the water from the tub.
 - Powering the unit back on briefly to allow the pump to purge residual water from the plumbing.
 - Emptying the filter containers.
-

Repairs & Modifications

- For any repairs, reach out to our support team or consult a qualified appliance or electrical professional.
 - If inspecting or working on internal components, power down and unplug the unit before opening any compartment.
 - Do not modify the plunge or its components. Unauthorized alterations may result in malfunction or void the warranty.
 - Revive is not responsible for damage or issues caused by improper installation, abnormal use, or unauthorized service.
-

Drainage

Draining the plunge properly is essential for idle periods and long-term storage. The system should be fully drained anytime the plunge will sit idle for extended periods or be exposed to freezing temperatures.

Full System Draining Instructions:

- Turn off the unit using the main power button.
- Open the drain valve located on the back of the unit to empty the water from the plunge tub.
 - Route the drainage to an appropriate area that can handle the full water volume.
- Once the tub is fully drained, disconnect the hoses from the chiller and ensure the chiller is in an appropriate location to drain any water that is contained in the system.
- Power the unit on and allow the pump to run for 15–30 seconds to flush out any remaining water sitting in the internal plumbing lines.
- Power off the unit again.
- Empty both filter containers to clear any trapped water.

Notes:

- Ensure all drain paths are clear before starting.
 - After draining, the unit can be stored or shut down without risk of internal scale buildup, freezing, or microbial growth.
 - If you're unsure how to access the drain valve or filter containers, refer to the Plunge Operating Components section of this manual.
-

Warranty Disclaimer

- Damage caused by flooding, freezing, improper setup, inadequate ventilation, or code violations is not covered under warranty.
 - Revive is not liable for property damage or injury resulting from misuse or failure to follow safety instructions.
-

Setup Timing Notice

- After delivery or relocation, the chiller should remain upright and stationary for a minimum of 12 hours before powering on. This allows internal fluids to settle and prevents compressor or pump damage from backflow.

2.0 Setting Up Your Chiller and Tub

Step 1: Unboxing and Inventory

Begin by unpacking both the acrylic tub and chiller. Ensure all components are present:

- **Acrylic Tub Contents:**

- Acrylic Tub
- Insulated Cover
- Spare Cover Buckles
(Acrylic basin is an add-on)

- **Chiller Contents:**

- Chiller
- Inlet & Outlet Hose
- Spare Parts Bag



- **Starter Kit Contents (only available in the US):**

- 4 Cartridge Filters - need to be replaced about once a month, depending on usage (see maintenance section). Ask about our complimentary filter program to stock up!
- 1 Hose Filter - attach to the end of a standard garden hose to purify the water you fill your tub with
- 4 Scum Sponges - help to soak up body oils and other dirt released from your body when you get in the plunge. Just drop them in and let them float. When they start to sink, it's time to change them out!
- 1 Skimmer Net - use to grab any larger debris that gets into your tub to prevent circulation blockage
- 1 Hose Adaptor- 1/2" NPT male to 3/4" GHT male. Use it to connect a standard garden hose to a chiller hose to drain your plunge away from its location.



Step 2: Inspect O-Rings for Proper Placement and Integrity

All O-rings come pre-installed, but double check the placement of each O-ring before starting your plunge for the first time. We also include spare O-rings with each chiller for future use.

A. Hose Fittings:

- Inspect the O-rings located inside each end of the inlet and outlet hose fittings. These create a tight seal to prevent leaks.



B. Pre-Filter O-Ring

- Retrieve the mesh pre-filter from the spare parts bag. Check to make sure the o-ring inside the pre-filter nozzle is in place and intact.



C. White Cartridge Filter Housing:

- Locate the white cartridge filter housing on the back of the chiller. Open the housing carefully and inspect the O-ring inside.



Ensure all O-rings are correctly seated in their grooves and are free from any visible defects that could compromise their effectiveness. By checking the placement and integrity of these O-rings in these critical areas, you'll help prevent potential leaks and ensure the efficient operation of your cold plunge system.

Step 3: Chiller Positioning for Optimal Performance

The fan on the chiller requires adequate space to operate. It's essential the chiller is positioned in a way that allows for proper airflow:

- Minimum Requirement: Ensure there's at least 16 inches of clearance around the chiller's fan.
- Recommended Clearance: Ideally, provide at least 24 inches of space.

This clearance is crucial, as any obstruction around the exhaust fan can compromise the chiller's efficiency, leading to suboptimal performance or increased wear on the unit.



Step 4: Chiller Filter Setup

- Remove the cap from the chiller's inlet and replace it with the mesh pre filter.



- Unscrew the clear, plastic cartridge filter housing in the back of the chiller by turning it clockwise. You can do this with your hand, or with the plastic white wrench found in the spare parts bag. You'll then place the white cartridge filter into the housing, and screw the housing back into place.



Step 5: Chiller Hose Attachment

- Ensure that the tub nozzles are labeled inlet, outlet, and drain from left to right.



- Locate the silver ball valves with the blue lever that came with the tub. Install one of the ball valves on each of the tub inlet and outlet in order to stop water flow from the tub when performing routine maintenance. You can apply to the drain spout, as well, if desired.



- Attach the hoses to the inlet and outlet on the tub (hoses are interchangeable). Next, connect the hoses to the chiller. The inlet on the tub should be connected to the outlet on the chiller, and vice versa. Green to green, and red to red. Tighten each until they are hand tight. If any hoses are not fully tightened, the unit will not function properly.

NOTE: do not use a wrench or other tool to tighten the hoses as it could overtighten the connection and damage the unit.

Step 6: Powering the System

- Connect the chiller's electrical cord to a standard household outlet. Be sure to test the GFCI on the outlet to ensure it's functioning properly.



Step 7: Chiller's GFCI Switch

- After plugging the chiller in, make sure the breaker switch on the GFCI is flipped to the upright position. Press the power button on the screen until the unit powers on.

Step 8: Tub Light

- To plug in the tub light, locate the power cord under the right side of the tub. Cut the zip tie to unravel the cord and plug it in. Press the button on the back right of the tub to turn the light on. Press the button again to cycle the light color.



Note: The tub light and chiller can be plugged into the same dedicated 120V/15A circuit.

Step 9: Filling the Tub

- Fill the tub with water, ensuring the water level surpasses the inlet/outlet opening by 1-2 inches. Appropriate fill level will depend on your height/weight. Fill with water until you're able to easily submerge your entire body underwater.



Draining the Plunge

- Open the Button Drain Valve: Press the push-button drain located at the bottom of the tub to open it.
- Unscrew Drain Cap: Locate the drain nozzle next to the inlet and outlet openings on the back of the tub, and remove the cap to allow water to flow out.
- Ensure complete drainage before tightening the cap back into place.



- If you need to drain the water away from your tub, disconnect the chiller inlet hose from the chiller and attach the hose adapter that came in the Starter Kit. You'll then be able to attach a standard garden hose to the other end of the adapter to drain the water.



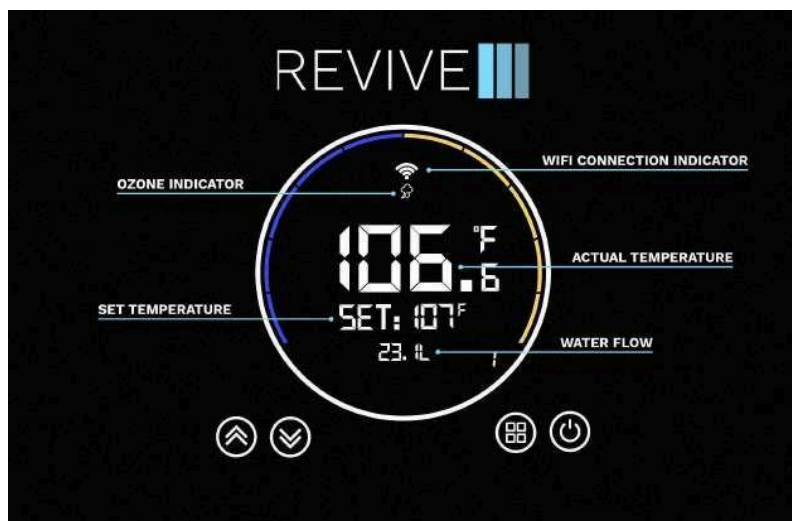
Familiarizing Yourself with the Chiller

Please note that the actual product you received may differ slightly from the descriptions in this manual due to potential product updates.

Chiller Externals



Display Layout



Button Description:

1. UP button
2. DOWN button
3. SET button
4. ON/OFF button



3.0 Using the Chiller

When using the chiller for the first time, a “A08” error may appear on the screen while the vacuum pump is running and purging the system of air. The vacuum time will vary depending on the amount of air in the system. 2-3 minutes of vacuum time is completely normal.

3.1 Powering On the Chiller

Start by plugging in the chiller and flipping the blue GFCI switch on the back of the unit to the up position, as shown on the right. Then press and hold the ON/OFF button on the control panel to turn the machine on.



3.2 Setting the Temperature

Set the target water temperature by pressing the SET button. From there, press the up or down arrows to raise or lower the desired temperature. Once the desired temperature has been selected, press the SET button to confirm.

3.3 Mode/Degree Changes

Press and hold the ‘UP’ button for 15 seconds to switch ‘cold only’ or ‘dual temp’ modes if the chiller is designed to have both modes.

Press and hold the ‘DOWN’ button for 10 seconds to change the temperature unit between celsius and fahrenheit.

3.4 Child Lock

Press and hold the ‘UP’ and ‘DOWN’ buttons together for 5 seconds to lock or unlock the control panel.

3.5 How Cooling Works

The chiller continuously monitors the water temperature and compares it to your selected set temperature.

When the actual water temperature rises above the set temperature by the amount specified in the Deviation Top setting, the compressor and cooling fan will automatically turn on to begin cooling the water.

Once the water temperature reaches the set temperature, the compressor and cooling fan will automatically shut off. The circulation pump will continue to move water through the system to ensure accurate temperature readings and maintain water quality.

Example:

- Set Temperature: **50°F**

- Deviation Top: 3°F

The chiller will cool the water down to 50°F and then stop cooling. As the water naturally warms over time, the compressor and fan will remain off until the water reaches 53°F. At that point, cooling will automatically resume until the water returns to 50°F.

Important Notes

- The compressor and fan will not run continuously under normal operation.
- Frequent cycling of the compressor can occur when the ambient air temperature is significantly warmer than the water temperature, particularly during hot weather.
- A smaller deviation setting provides tighter temperature control but may cause the compressor to cycle on and off more frequently.
- A larger deviation setting reduces compressor cycling but allows for greater temperature fluctuation.
- The circulation pump may continue running even when the compressor and fan are off. This is normal and allows the system to monitor water temperature and maintain proper filtration and sanitation.

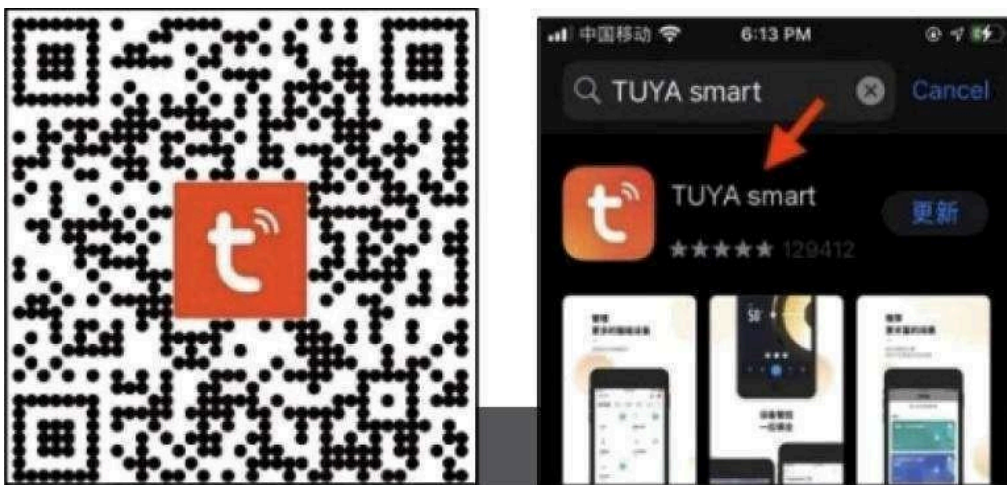
3.6 Operate the Chiller Using the Smartphone App

To operate the chiller with the smartphone app, follow these steps:

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.



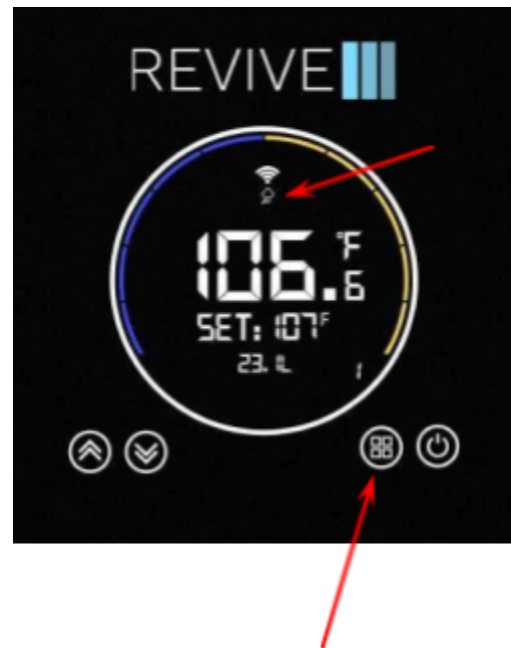
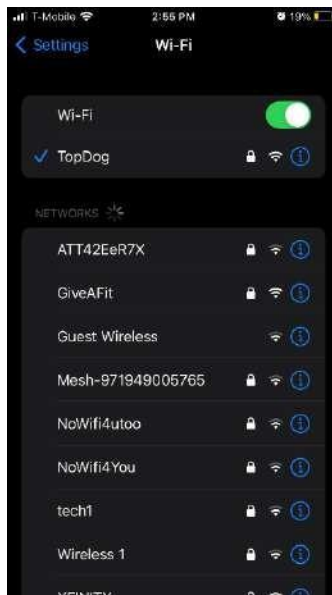
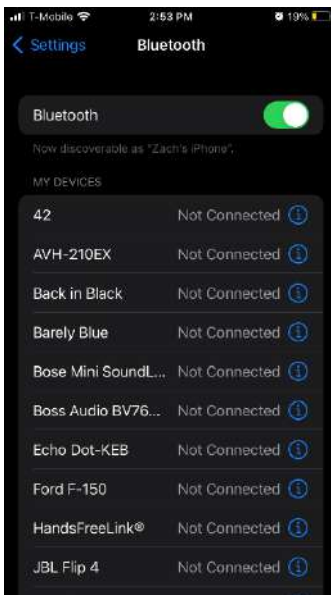
Reference the Following Photos for iOS Setup:

1. Switch ON Bluetooth on your IOS device

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

3. Press and hold the 'SET' button for 6 seconds until you hear a beep.

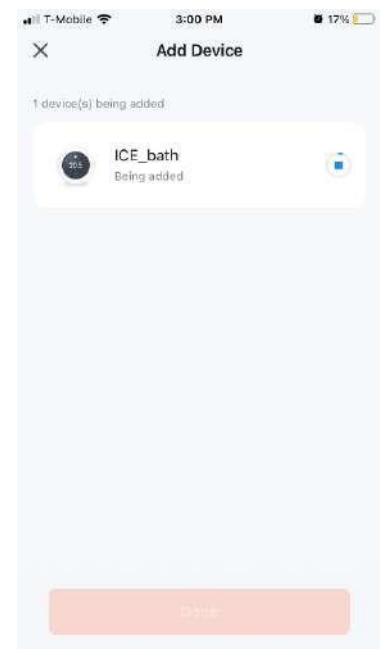
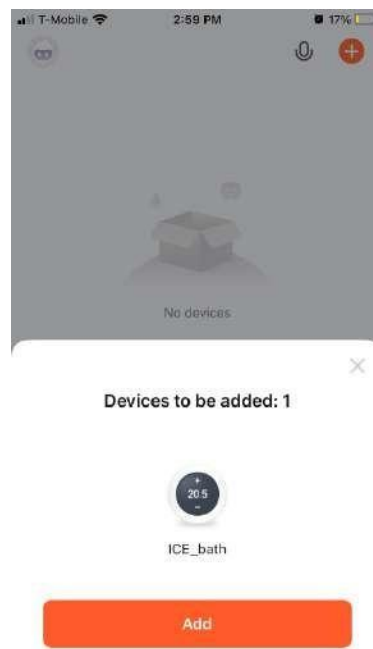
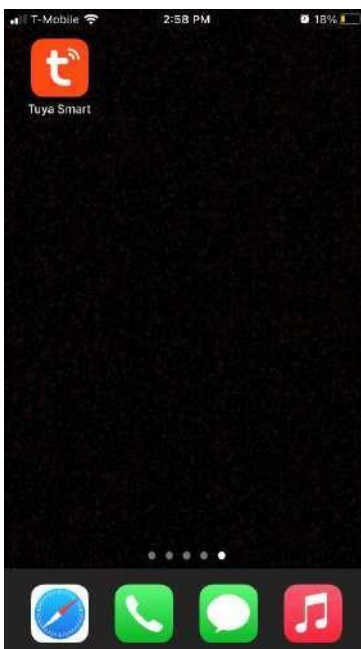
4. The WIFI icon on the chiller should start flashing



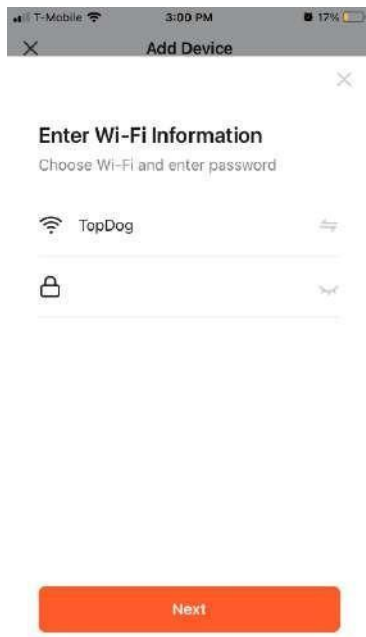
5. Open the TUYA app on your IOS device

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

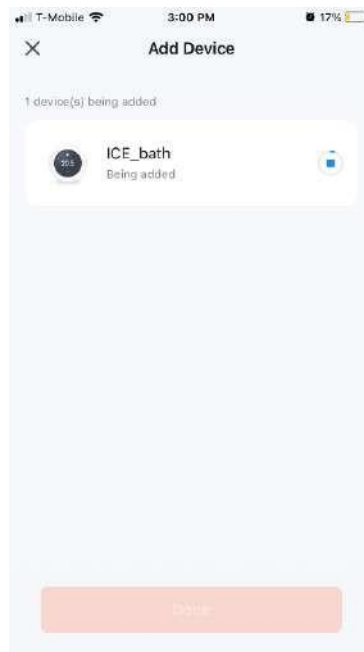
7. Click the "+" button



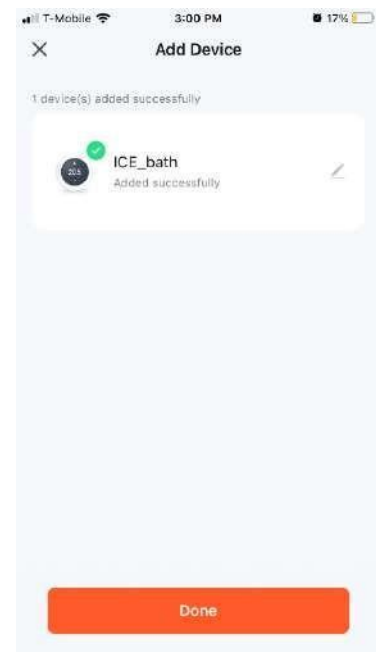
8. Enter your WIFI ID and password (*note: only use a 2.4 GHz network*), click "Next"



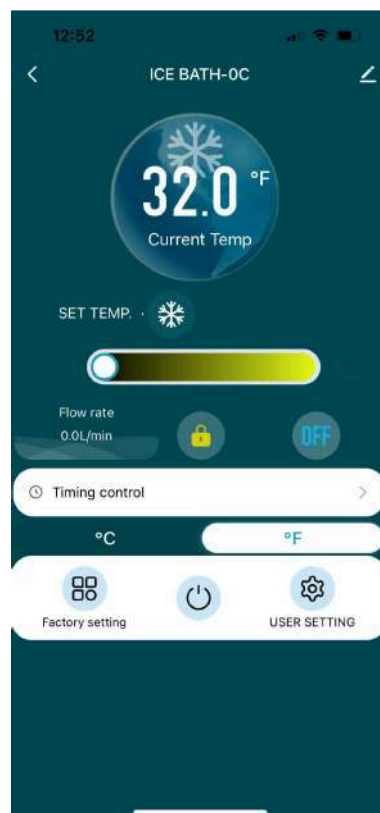
9. Wait for the setup to complete



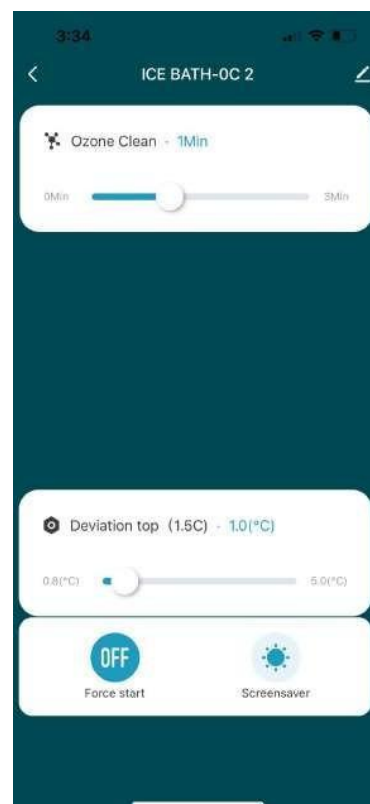
10. Click "Done" button



11. Once setup is completed you'll be able to control the chiller remotely from any location.



12. Adjust the user settings to your desired preferences.



User Settings

- **Ozone Clean** - Ozone is released into the water every 30 minutes. Adjust this to set the continuous length of time that the ozone is released every 30 minutes. Default is 1 minute.
- **Deviation Top** - adjust this setting to indicate how far away the actual temperature deviates from the set temp before the compressor kicks back on and starts cooling/heating again.
 - Note - when the ambient temperature is the opposite extreme of the set temp, having a shorter deviation top will cause the compressor to run far more frequently.
- **Force Start** - When the chiller's water flow is normal, but the screen is flashing an FL error code, use the force start button to try to push out anything that may be caught in the water line.
 - Note - if you have tried the force start and it doesn't work, please reference the troubleshooting sheet at the end of the manual, or contact Revive for guidance.
- **Screensaver** - The screensaver is meant to help preserve the life of the chiller screen. Turn the screensaver on to have the screen shut off after 3 minutes of inactivity.

Cold Plunge Maintenance & Care:

Please note that failing to keep up with routine maintenance can cause permanent damage to the unit, and damage from improper maintenance is not covered under warranty.

Every 2-4 Weeks (depending on usage and environment):

- Turn off the chiller and close the tub valves by turning the blue levers perpendicular to the valve bodies (if applicable). If your tub/chiller doesn't have closable valves, we recommend raising the chiller to be above the water level of the tub, or disconnecting the hoses from the chiller and draping them over the side of the tub, to minimize the amount of water that spills.
- Remove and clean the metal mesh pre filter. The pre filter is screwed onto the chiller inlet to prevent hair, dirt, and other debris that gets pulled into the hoses from getting caught in the chiller. To clean it, unscrew the clear plastic housing and remove the mesh filter. You can clean it under the sink or with a hose using a towel, brush or steel wool, if needed. Once clean, return the mesh filter securely back in place and re-tighten the clear plastic housing.



- Check the cartridge filter regularly, and replace it when the color begins to turn light brown, if not before. To access the filter, twist the filter housing clockwise. You'll then be able to pull the dirty filter out, and drop the new one into the housing unit in its place. Then retighten the filter housing on the chiller unit.



- Ensure the tub valves are open before restarting the chiller. Once complete, restart the chiller as normal.

Every 2–3 Months - Drain & Refill

- Drain plunge tub
- Wipe tub with a non-abrasive cloth and mild cleaning solution
- Rinse off plunge tub and refill
- Wipe down tub cover

Every 6 Months - System Deep Clean

- Run dishwasher detergent through the chiller system to deep clean the plumbing and components.
 - Set the chiller to 100°F or higher and run for 60 minutes
 - **Note:** Do not let the dishwasher detergent circulate through the system for more than 90 minutes max
- After circulating, flush both the chiller and tub with water and refill
- Clean air filter and condenser on the chiller with compressed air, a vacuum, or very gently wiping with a rag (careful not to bend any of the tabs on the condenser)

As Needed

- Wipe down exterior with a damp cloth
 - Wipe tub cover weekly with mild soap or diluted vinegar
-

Seasonal Guidelines

Winter (Freezing Conditions)

- **Option 1:** Leave chiller running to circulate and warm the water during cold temperatures
 - 1. Do not set the chiller temp below 39°F due to the unit's temperature deviation
- **Option 2:**
 1. Disconnect hoses (tub side)
 2. Run chiller until all water is pushed out
 3. Disconnect hoses from chiller side
 4. Slightly tilt chiller backward to drain
 5. Empty filter canisters
 6. Leave everything disconnected while not in use to avoid unwanted buildups
- For extended inactivity: drain all water, disconnect hoses, and store dry

Summer (Extreme Heat)

- Shut off chiller if temps exceed 112°F
- Move to a shaded or cooler location
- Ensure ventilation is adequate - 24" clearance in front of fan

❓ TROUBLESHOOTING INSTRUCTIONS

If water fails to flow normally, or the chiller is not cooling the water efficiently, that means that there is a vacuum leak or a blockage in the system, which is more often than not a very simple fix. If experiencing these issues, please follow these troubleshooting steps:

1. Turn the chiller off

2. Check the filters

- If the white cartridge filter is dirty or full of debris (turning brown), replace it with a new one.



- Locate the mesh pre-filter that is screwed onto the chiller inlet. Make sure the filter is free from any dirt, hair or debris that may have been caught in it.



3. Check the O-rings

- Ensure that all o-rings are in place and intact. O-ring locations are the cap of the white cartridge filter housing, the chiller inlet nozzle where the metal filter housing is screwed on, and both ends of each hose.

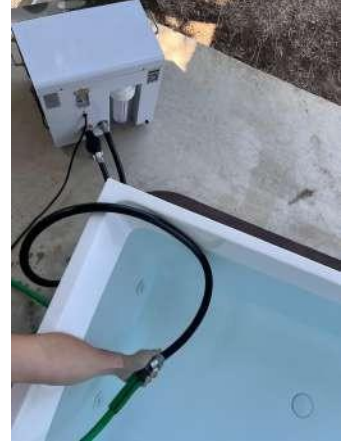
4. Unplug the chiller and plug it back in

5. Tighten all hoses and fittings

- o Ensure that the hoses, valves, and filter housings are all tight.

6. Force start the chiller

- o Go into user settings in the Tuya app. Press the force start button. If done and the issue is not resolved, please move onto the next step.
- o Remove the clear white cartridge filter from its housing, and reattach the clear housing without the filter.
- o Underwater in the tub, place a standard garden hose up to the end of the chiller inlet hose to force water into the unit, as shown below. Hold for about 30 seconds, or until you hear the fan turn on.



If all troubleshooting steps have been completed, and you are still having issues with your plunge, please call us at +1 (512) 277-3492 or email us at help@reviveplunge.com.