



Acrylic Plunge User Manual



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

Thank you for choosing Revive!

WARNING- ELECTRICITY CAN BE EXTREMELY DANGEROUS. TO PREVENT ACCIDENTS, IT IS ESSENTIAL TO PRIORITIZE SAFETY. PLEASE BE CAUTIOUS WHEN HANDLING ANY ELECTRICAL SYSTEMS.

1.0 Precautions

1.1 Safety

- Before using the chiller, ensure that the local electricity meets the necessary requirements for its operation. Each chiller comes with a label on the back of it outlining its specific power requirements.
- Confirm that the AC socket is properly grounded and test the GFCI before use.
- If there is any electrical issue, discontinue use of the chiller and contact us immediately for help.
- Always keep children and body parts away from the chiller, especially when the fan is in use.
- If the power cord or plug is damaged, discontinue use immediately and have it repaired by an electrical professional.

Chiller Performance

- Avoid covering or blocking the air inlet or outlet while the chiller is in use and ensure there is at least 24" of space around the chiller fan in all directions, to allow the chiller to circulate freely. If you do not have 24" of space, it will not cool properly and can cause permanent damage to the machine.
- Ensure that the chiller is under cover to protect from direct precipitation.

Seasonal

Summer

- Maximum operating ambient air temperature is 112 degrees Fahrenheit. When ambient temperatures exceed 112 degrees please shut the unit off, or move it to a cooler environment.
- Maintain a well-ventilated environment while the plunge is running. Keeping the chiller in an unventilated area could cause the chiller to overheat and damage the unit.

Winter

- Minimum **operating** ambient temperature is 20 degrees. It's important to note that if the chiller is not running and circulating water, then temperatures as low as 32 degrees can cause the water inside the system to freeze, expand, and cause permanent damage to the unit.
- If ambient temperatures are getting below the recommended level, move your chiller to a warmer environment, or drain it and place it in storage using the directions below.
- If ambient temperatures are below freezing, do not set your chiller lower than 39 degrees, as the compressor turns off within the deviation period.

Storage

- When the chiller is not in use and is sitting idle, please disconnect the inlet and outlet hoses and keep the chiller running without water until the FL message is displayed. This will prevent scale deposits from building up inside the water pump and clogging it. This will also clear the hoses inside the chiller which helps to avoid freezing water in the winter

months, which can cause permanent damage if the chiller is left out in sub-freezing temperatures.

Repair

- If your unit ever requires repair, contact us on our [support page](#).
- If repairing the unit yourself, use only a professional appliance repair specialist.
- We cannot be held responsible for any problems resulting from improper installation, abnormal usage, or direct exposure to the elements.

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- ½" NPT male to ¾" 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. 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: 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.



Step 9: 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.

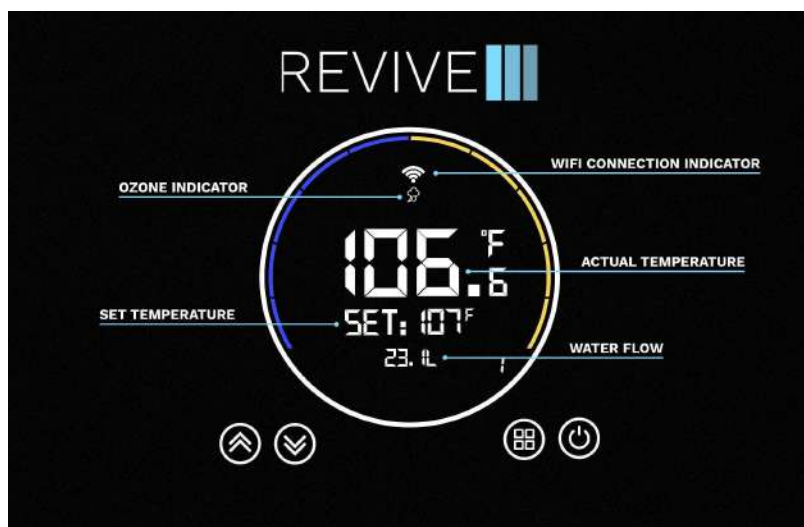


- If you need to drain the water away from your tub, disconnect the chiller inlet hose from the chiller and attach the hose adapter that came in the Starter Kit. You'll then be able to attach a standard garden hose to the other end of the adapter to drain the water.



Step 10: 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.



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.

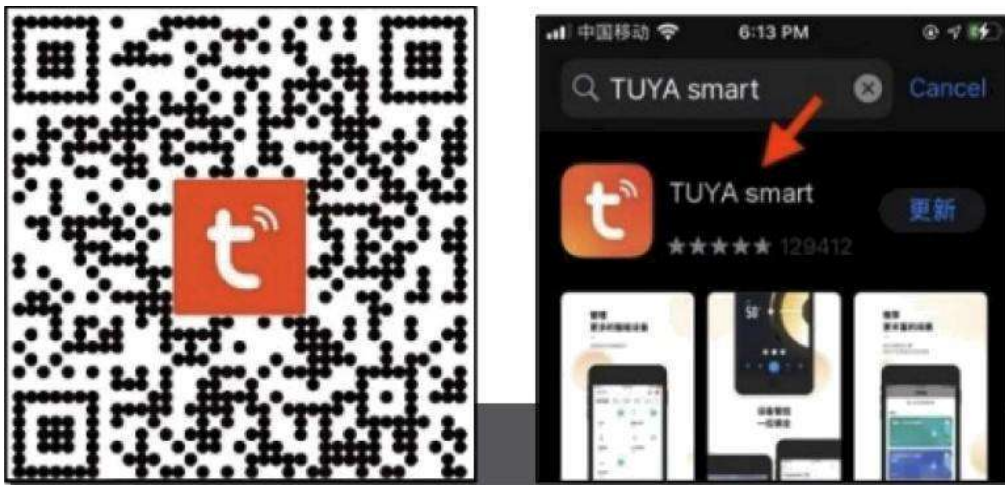
3.5 Operate the Chiller Using the Smartphone App

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

App Setup:

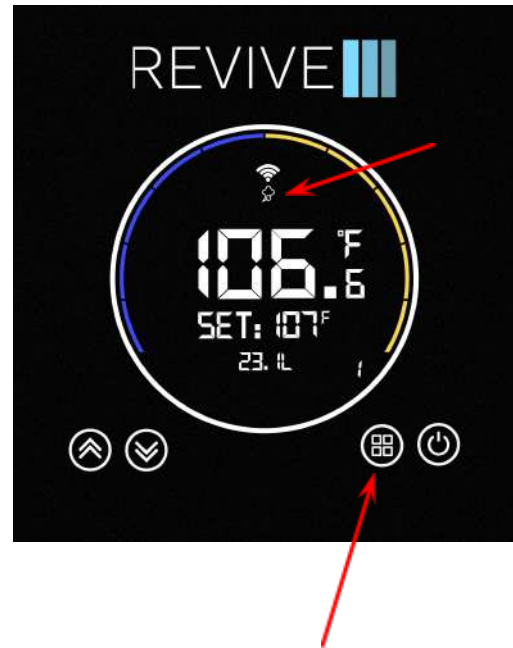
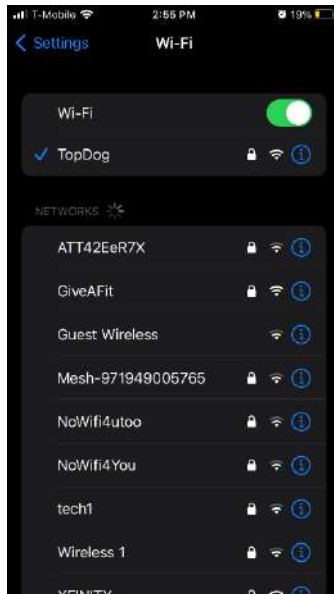
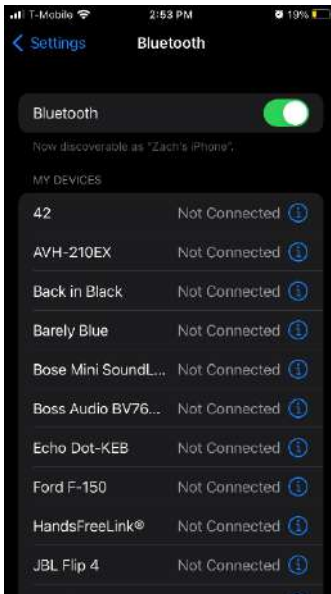
Ensure that your smartphone is connected only to a 2.4 GHz WIFI network and that Bluetooth is turned on. Make sure that your smartphone and the chiller are in the same area with WIFI coverage. The chiller is not programmed to work with 5 GHz WIFI networks.

- 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:

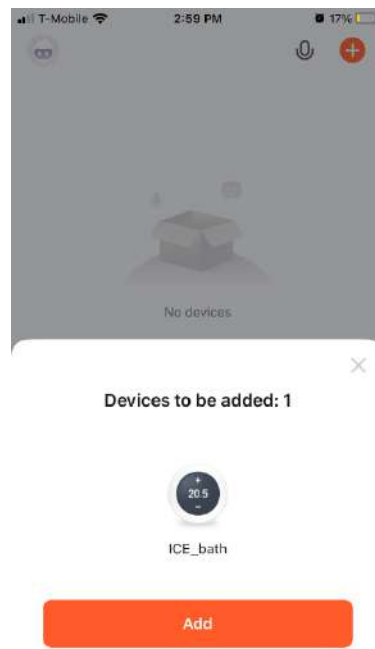
1. Switch ON Bluetooth on your IOS device
2. Connect to a 2.4 GHz WIFI network (not 5 GHz)
3. Press and hold the 'SET' button for 6 seconds until you hear a beep.
4. The WIFI icon on the chiller should start flashing



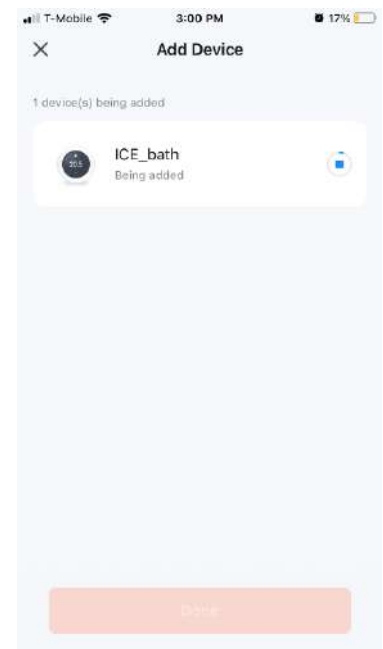
5. Open the TUYA app on your IOS device



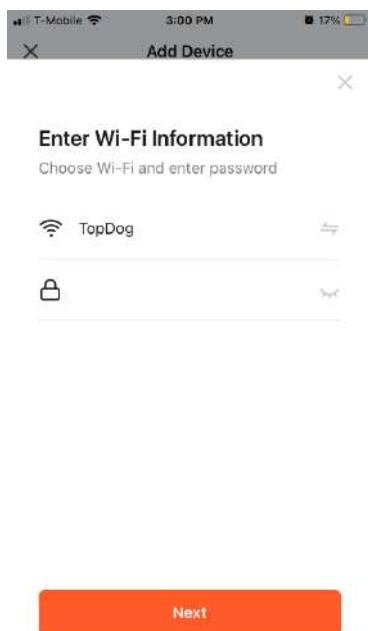
6. When the device pop-up appears, click "Add"



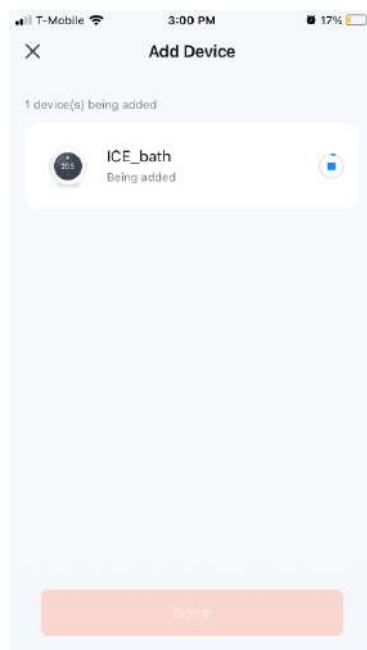
7. Click the "+" button



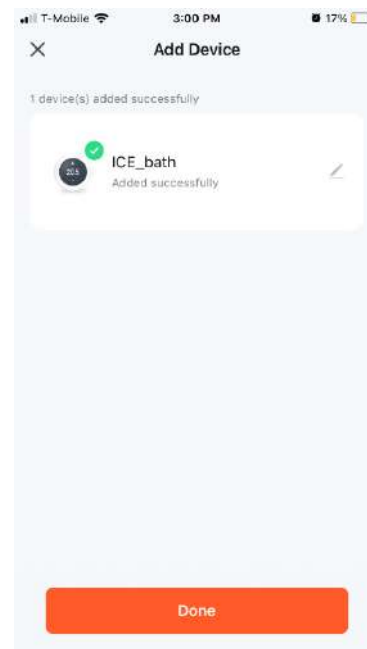
8. Enter your WIFI ID and password (*note: only use a 2.4 GHz network*), click "Next"



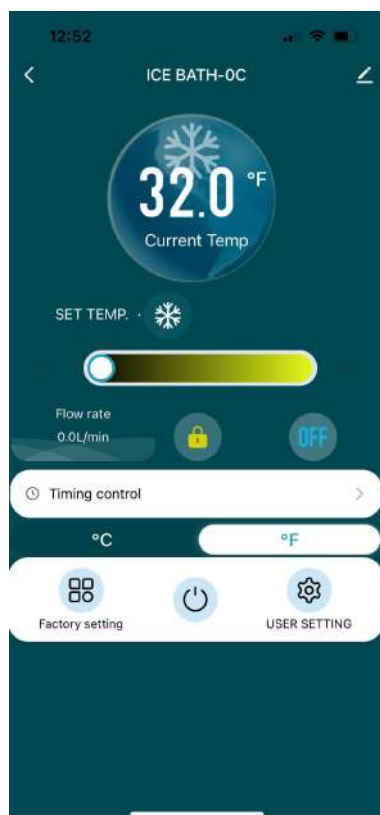
9. Wait for the setup to complete



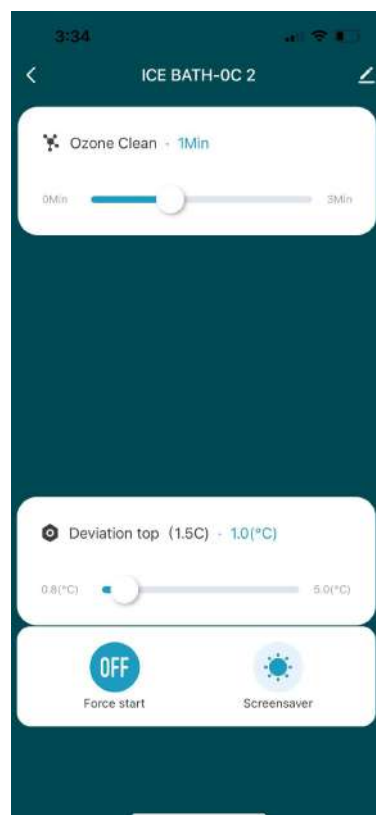
10. Click "Done" button



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 with a non-abrasive cloth and mild cleaning solution (i.e. 3:1 water to vinegar)
- Rinse off plunge tub and refill

Every 6 Months - System Deep Clean

- Run descaling solution through the system:
 - [CLR \(Calcium, Lime, Rust Remover\)](#)
 - 1:8 ratio of CLR to water (that's 1 part CLR to 8 parts water)
 - Set the chiller to 95°F or higher and run for four hours
- After circulating, flush 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
-

6.0 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.



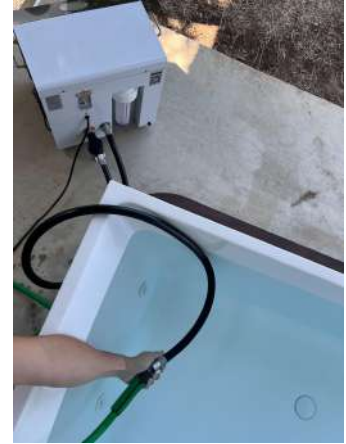
- Locate the mesh pre-filter that is screwed onto the chiller inlet. Make sure the filter is free from any dirt, hair or debris that may have been caught in it.



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.