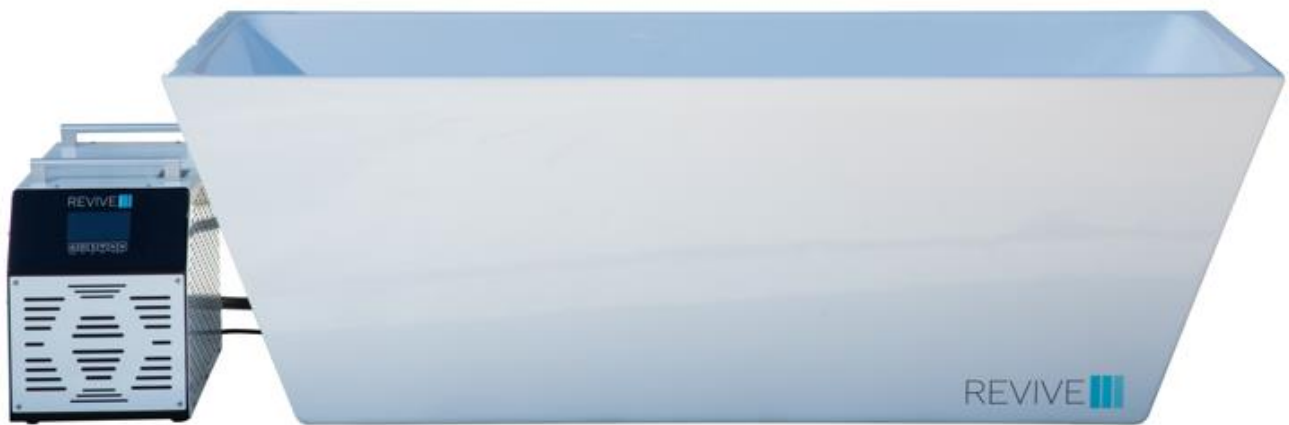




Acrylic Plunge User Manual



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

- Before using the plunge, ensure that the local electricity meets the necessary requirements for its operation. Each chiller unit 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 plunge and contact us immediately for help.
- Always keep children and body parts away from the chiller unit, especially when the fan is in use.
- Avoid covering or blocking the air inlet or outlet while the chiller unit 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 efficiently and can cause permanent damage to the machine.
- Maintain a well-ventilated environment while using the plunge, with a maximum ambient air temperature of 112 degrees, and a minimum temperature of 32 degrees. If your chiller is equipped with the heating option, minimum operating temperature is 20 degrees. Drain the water and remove the hoses and filter housing if the ambient air temperature is below those minimums. Failure to follow these guidelines will cause permanent damage to your machine, that will not be covered under the warranty.
- Ensure that chiller is under cover to protect from direct precipitation.
- 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.
- If the power cord or plug is damaged, discontinue use immediately and have it repaired by an electrical professional.
- If your unit ever requires repair, 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
 - Water Valves
- **Chiller Contents:**
 - Chiller
 - Inlet & Outlet Hose
 - Spare Parts Bag



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.



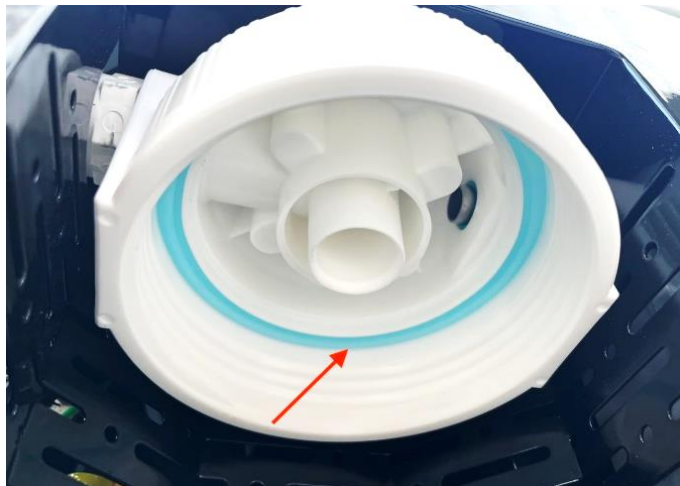
b. Chiller Inlet O-Ring:

- Examine the O-ring surrounding the inlet located on the chiller unit.



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.



d. Water Valves

- Grab the two water valves from the spare parts bag and ensure that there's an O-ring inside each fitting.



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:

- Ensure there's at least 24 inches of clearance around the chiller's

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

- Retrieve the mesh pre filter and the filter housing from the spare parts bag.



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



- Retrieve the metal filter housing and thread it onto the chiller inlet (over the mesh pre filter), twisting it clockwise until it's hand tight.



Step 5: Chiller Hose Attachment

- Locate the two water valves with the blue levers. Attach a valve onto each of the inlet and outlet nozzles on the tub. The water valves are identical, and can be placed on either opening.
- Attach the ends of the inlet and outlet hoses to their respective points on the chiller. Make sure that the green fitting on the tub is connected to the green fitting on the chiller, and make sure that red fitting is connected to the red fitting. Tighten each until they are snug by hand. If any hoses are not fully tightened, the unit will not function properly.

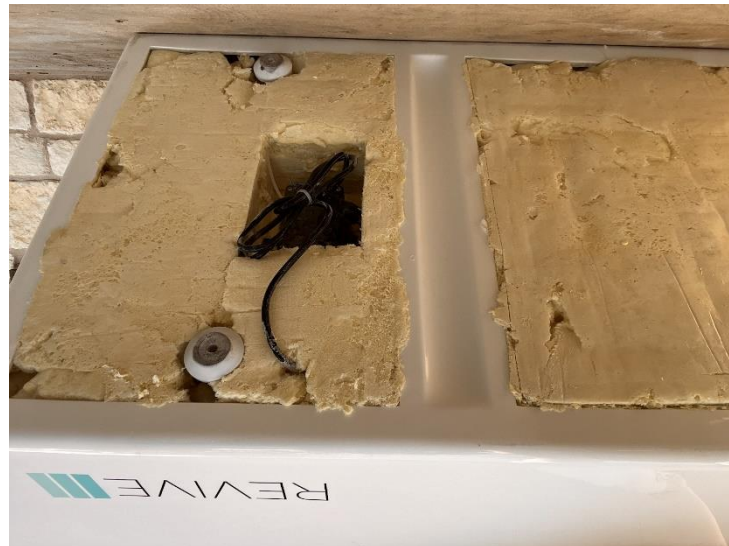


Step 6: Powering the System

- 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.



- Find and pull out the power cord for the tub's LED light. The cord is located at the logo end of the tub, underneath. Connect the 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 before turning the chiller on. Fill height will depend on user height and weight, but 6-9" from the top of the tub is a good starting point



Step 9: Draining the Acrylic Tub

To drain the tub:

- Button Drain Valve: Press the push-button drain located inside the tub to open it.
- Unscrew Drain Cap: Remove the cap located near the inlet and outlet hoses on the tub to let the water escape.
- If unable to drain the water directly from the tub nozzle, attach a hose to drain away from the tub. To attach a standard garden hose, use a [3/4" GHT Male x 1/2" NPT Male connector](#).
- Ensure complete drainage before securing the cap.
- Your acrylic cold plunge tub is now ready for maintenance or storage.



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.



POWER Button (ON/OFF): Hold down for 2 seconds to start or stop the unit.



MODE Button: Hold for 5 seconds to switch between Celsius and Fahrenheit temperature units.



SET Button: To set the temperature, press the SET button, then press the UP or DOWN arrow buttons to adjust the desired temperature. Confirm by pressing the SET button once more.



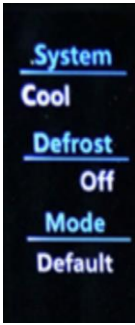
WIFI Button: To activate WiFi control, hold this button for 5-10 seconds.



UP Arrow Button: In SET mode, press to raise the temperature.



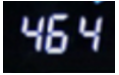
DOWN Arrow Button: In SET mode, press to lower the temperature.



SYSTEM Status Indicator: This display conveys the current chiller status.

DEFROST Status Indicator: This indicator exhibits the status of the heating function.

MODE Status Indicator: This display illustrates the current system mode, which can be CHILLER, AUTO, or CONSTANT. Typically, AUTO mode is the default.



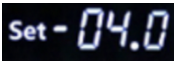
WATER FLOW Status Indicator: This indicator showcases water flow.
Note: This might not function on all chiller models.



WIFI Information: This indicator displays the connection status of WiFi.
Note: WiFi and the app are optional features.



WATER TEMPERATURE: This indicator displays the current water temperature.



TARGET TEMPERATURE: This indicator displays the current temperature of the water output from the chiller.

3.0 Using the Chiller

When using the chiller for the first time, a “o1.5” 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 Operating the Chiller Using the Control Panel

Start by pressing or flipping the GFCI button and/or switch to the on or reset position, both on the chiller itself (or on the electrical plug, depending on the unit), and on the wall outlet that the chiller is plugged into. Next, flip the large red master power switch on the side (or on the back) of the machine to the on position. Lastly, 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 Setting Ozone Working Time

The ozone feature is optional, and you won't be able to make any changes if your chiller doesn't have an ozone generator. The ozone working time can be adjusted. Please refer to the following setting steps:

Setting the ozone working time:

- Single-press **SET**.
- Press and hold **WIFI** for 5 seconds (or single-press it).
- Then use **UP** or **DOWN** to adjust the ozone working time.
- Confirm your setting by clicking **SET** once.

We recommend keeping the ozone working time as short as possible under normal conditions, ideally at 1 minute. Excessive ozone treatment can cause the water to become acidic and cloudy over time.

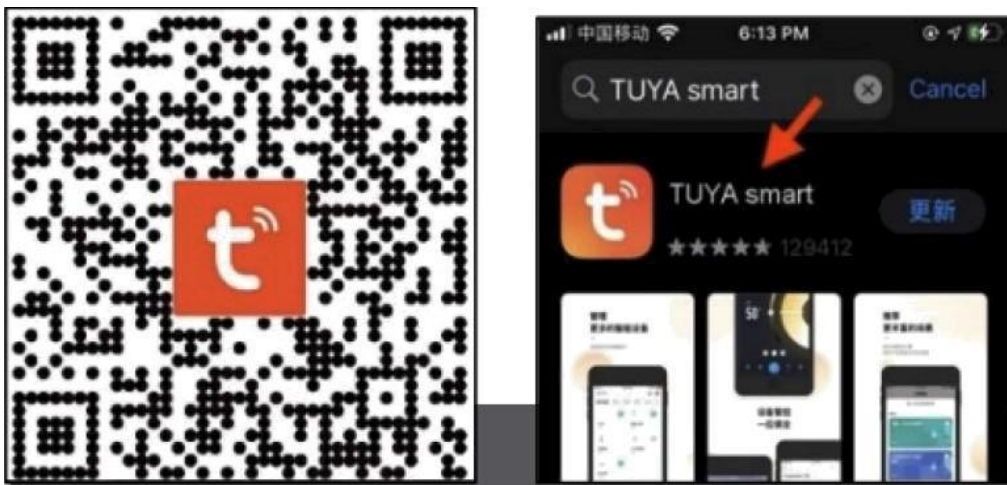
3.4 Operate the Chiller Using the Smartphone App

To operate the chiller with the smartphone app, follow these step

App Setup:

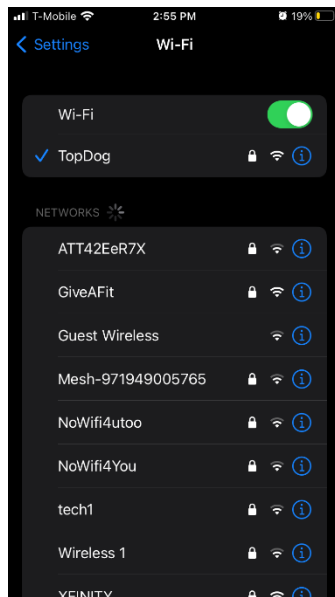
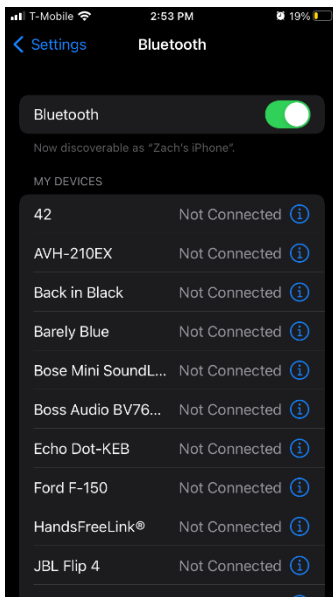
Ensure that your smartphone is connected only to a 2.4 GHz WIFI network and that Bluetooth is turned on. Make sure that your smartphone and the chiller are in the same area with WIFI coverage. The chiller is not programmed to work with 5 GHz WIFI networks.

- 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.

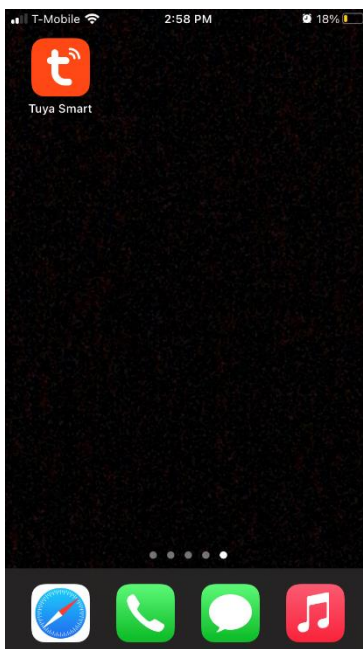


Reference the Following Photos for iOS Setup:

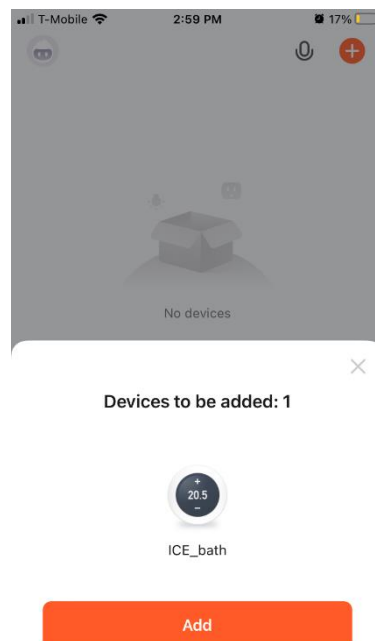
1. Switch ON Bluetooth on your IOS device
2. Connect to a 2.4 GHz WIFI network (not 5 GHz)
3. Press and hold the “W” button on the chiller until you hear a beep
4. The WIFI icon on the chiller should start flashing



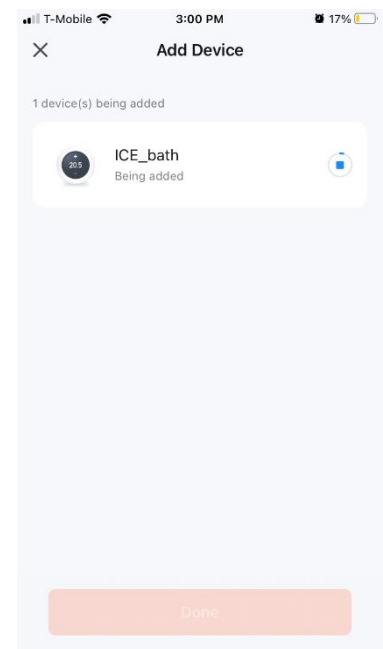
5. Open the TUYA app on your IOS device



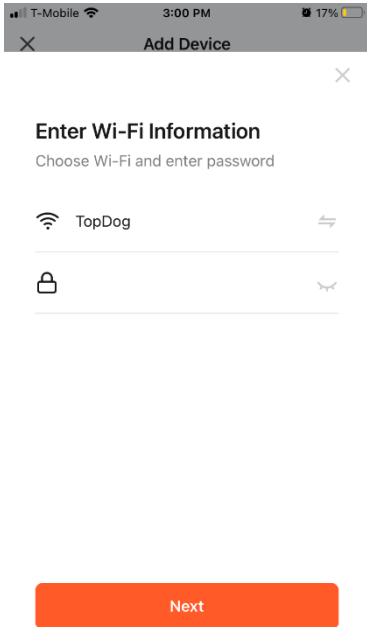
6. When the device pop-up appears, click “Add”



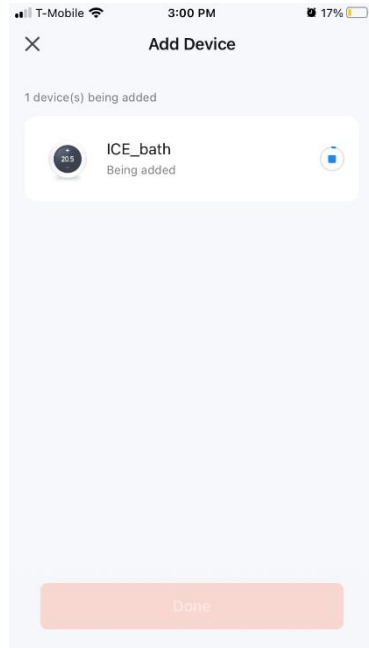
7. Click the “+” button



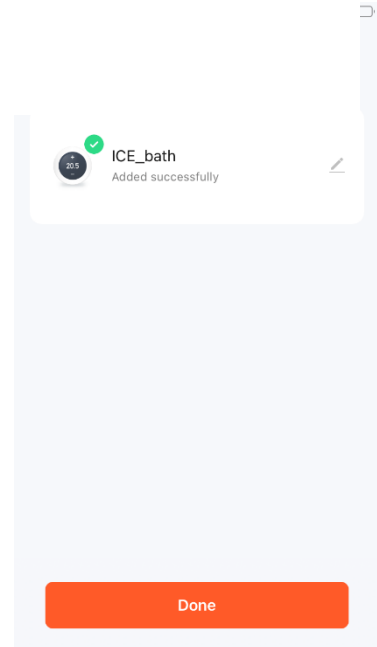
8. Enter your WIFI ID and password (note: only use a 2.4 GHz network), click "Next"



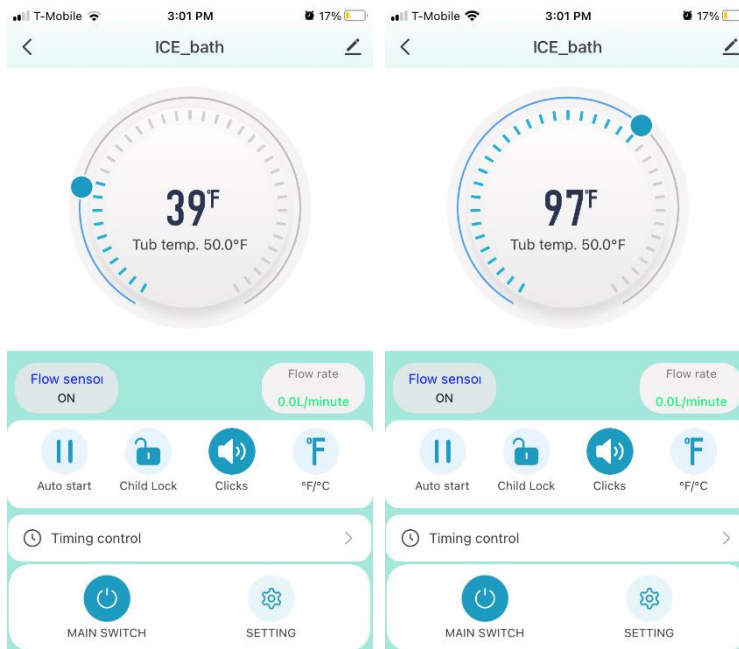
9. Wait for the setup to complete



10. Click "Done" button



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



Maintenance Instructions:

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.

Bi-Weekly/Monthly Maintenance (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, to minimize the amount of water that spills, or you can cap the hose ends with plugs to prevent spills.
- Remove the mesh pre filter housing by twisting it counterclockwise, and check the mesh pre filter for debris. If dirty, wash the pre filter by hand under a sink or using a hose, until the filter is free of all debris.
- Check the color of the cartridge filter regularly, and replace it when the color gets to a medium tan color, if not before. To access the filter, twist the filter housing to the left if facing the back of the chiller.
- Ensure the tub valves are open before restarting the chiller. Once complete, restart the chiller as normal.

Water Maintenance Instructions (Optional):

Please note: These are general guidelines, and no chemicals are needed to cleanly and safely operate your new plunge. You can use chlorine products or any spa cleaner of your choice.

Initial Setup:

- Add 3-4 oz(100cc) of oxidizer to the tub.
- Wait for 15 minutes.
- Add .75-1 oz(20cc) of sanitizer to the tub.
- Wait for 15 minutes.
- After 15 minutes, it's safe to enter the tub.

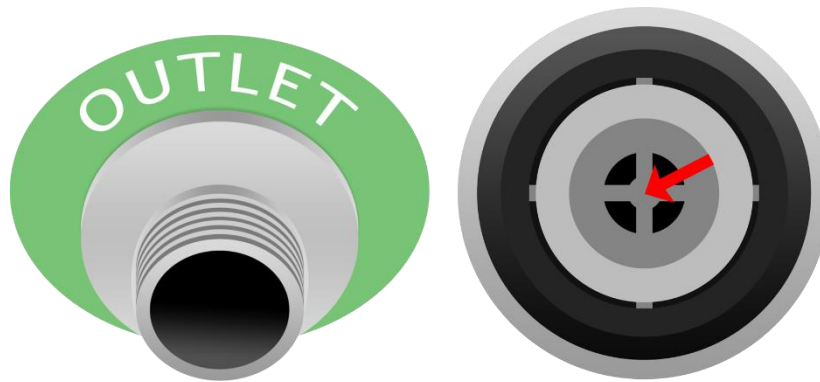
Weekly Maintenance:

- Determine the frequency of use for the tub:
 - If used 5-7 times per week, add 1 oz of oxidizer.
 - If used more frequently, add 2 oz of oxidizer.
- Wait 10-15 minutes.
- Dip a test strip into the water, 4-6 inches deep, for 2-3 seconds.
- Remove the strip and shake off any excess water.
- Wait 10 seconds, then compare it to the chart on the back of the test strip container.
- Add sanitizer as necessary.
- Wait 15 minutes, then test again. Repeat this process if necessary.

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, replace it with a new one.
 - Locate the mesh pre-filter inside the metal filter housing that is screwed into 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. Press in on the one-way valve**
 - Locate the one-way valve by detaching the outlet hose from the chiller.
 - Take a pen, toothpick, or anything with a fine tip, and firmly press into the small circled area in the center of the one-way valve. You may not feel any movement, but debris can sometimes become lodged in the valve, causing the chiller to stop functioning.



- 5. Unplug the chiller and plug it back in**
- 6. Tighten all hoses and fittings**
 - Ensure that the hoses, valves, and filter housings are all tight.
- 7. Force start the chiller**
 - Remove the clear white cartridge filter from its housing, and reattach the clear housing without the filter.

- Unscrew the outlet tub hose and drape it over the side of the tub going into it. Take a garden hose and place the nozzle up to the end of the outlet hose in order to force water down the hose and into the chiller. Hold it there for 30 seconds, or until you hear the unit 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 sales@reviveplunge.com.