Inflatable 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 the 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 it 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.

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.

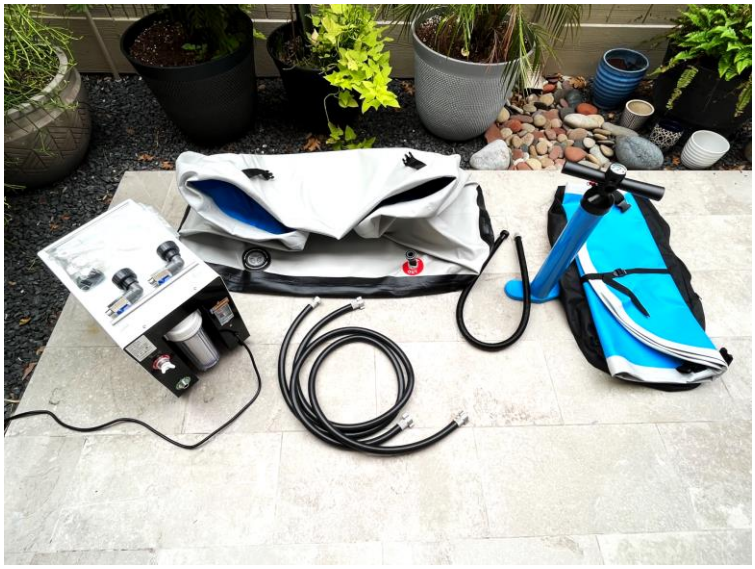
Repair

- 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 inflatable tub and chiller boxes.
Ensure all components are present:



- **Inflatable Tub Contents:**
  - Inflatable Tub
  - Cover
  - Inlet & Outlet Tub Valves
  - Air Pump
  - Backpack

- **Chiller Contents:**
  - Chiller
  - Inlet & Outlet Hose
  - Spare Parts Bag
  - Tightening Tool

- **Starter Kit Contents:**
  - 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: Tub and Cover Inflation

- Attach the nozzle of the air pump to the “inflate” side of the pump.
- Connect the other end of the nozzle to the tub, turning it clockwise to secure it.

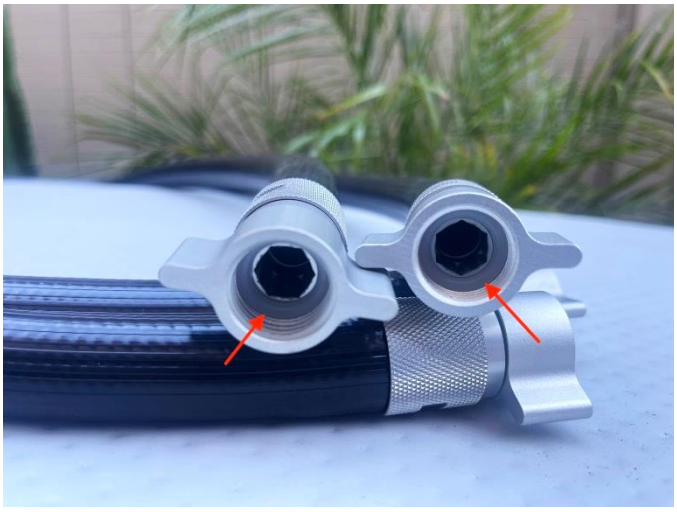

- Inflate the tub until the air pump's pressure gauge reads 10 PSI.
- Proceed to inflate the tub cover using the same air pump until the gauge indicates 7 PSI.


Step 3: 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.

D. Tub Inlet & Outlet Nozzles:

- Ensure that the black o-rings in grooves of the inlet and outlet openings are in place and intact.

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 4: Securing the Tub Components

- After inflation, fasten the cover onto the tub using the provided buckles.

- Attach the inlet & outlet tub valves to the tub inlet and outlet by inserting and twisting clockwise. Don’t tighten the valves all the way so that you can adjust when installing the inlet and outlet hoses. The valves are identical and can be used for either nozzle

Step 5: Hose-Valve Connection

- Connect the inlet and outlet hoses to the tub valves on the tub using either end of the hose. Ensure the blue levers on these valves are twisted so that they're in line with the direction of the hose, allowing water to flow freely. When the blue lever is parallel to the hose, the valve is open; perpendicular to the hose, and the valve is closed.

Step 6: 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 are at least 24 inches of clearance around the chiller's fan.*

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 7: 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 8: Chiller Hose Attachment

- Attach the ends of the inlet and outlet hoses (connected to the tub in Step 5) 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 the 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 9: Powering the System

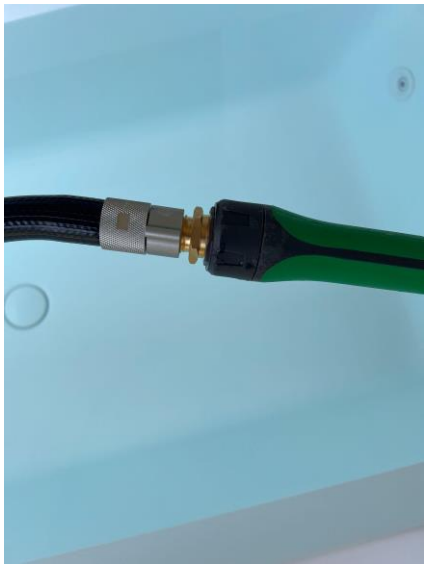
- Connect the chiller's electrical cord to a standard household outlet. Be sure to test the GFCI on the outlet to ensure its functioning properly.
- The unit requires a minimum of 10 amps to power, but we recommend at least 12.

Step 10: Filling the Tub

- Fill the tub with water, ensuring the water level surpasses the bottom outlet opening by at least 6 inches.

Step 11: Draining the Plunge

- To drain the plunge, unscrew the hoses from the chiller and allow the tub to drain out. 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.

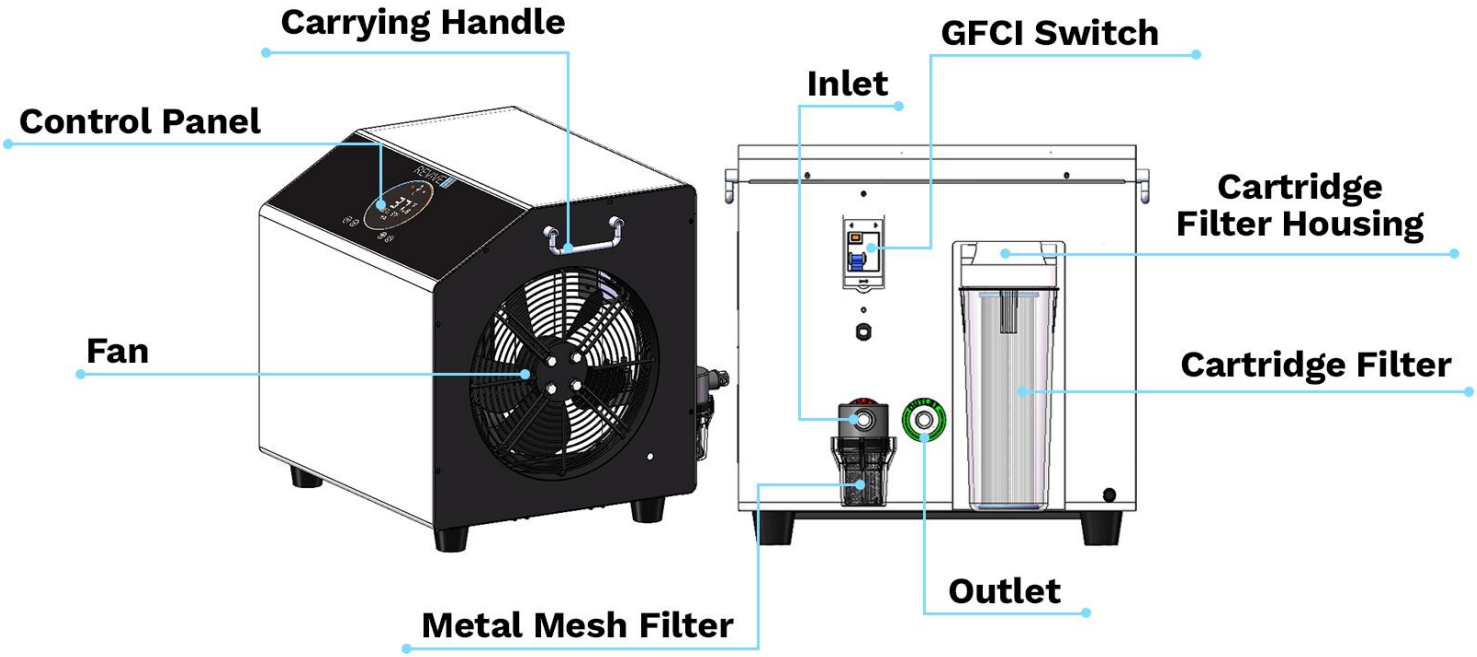


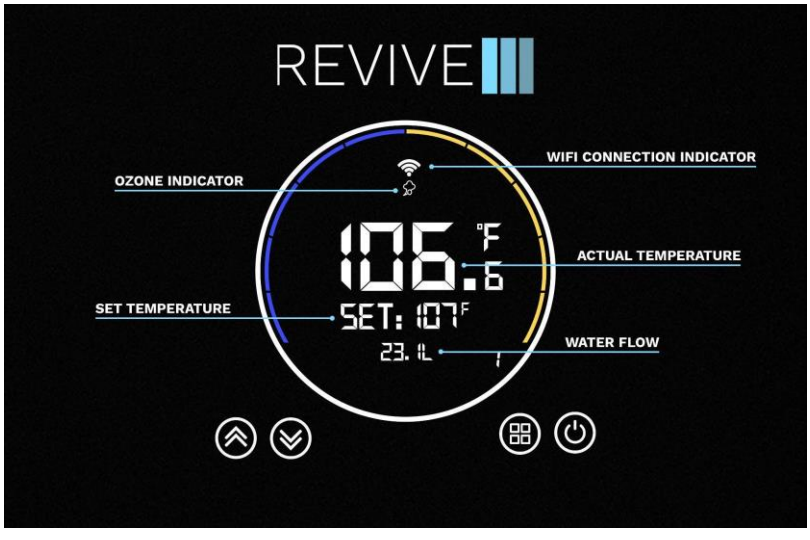
Step 12: Chiller's GFCI Switch

- After plugging the chiller in, make sure the breaker switch on the GFCI is flipped up.
  Once the water level has surpassed the bottommost inlet opening on the tub, press the power button on the screen until the unit powers on.

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.

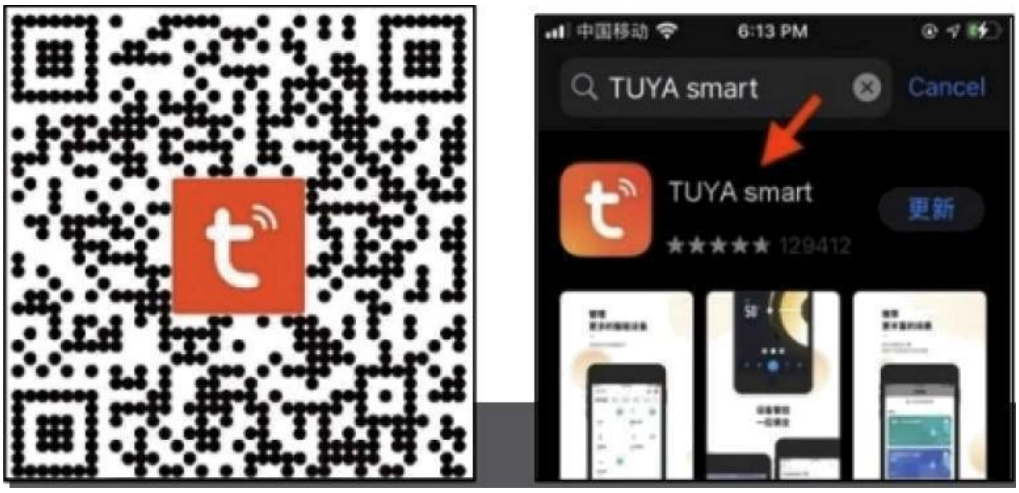
3.5 Operate the Chiller Using the Smartphone App

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.



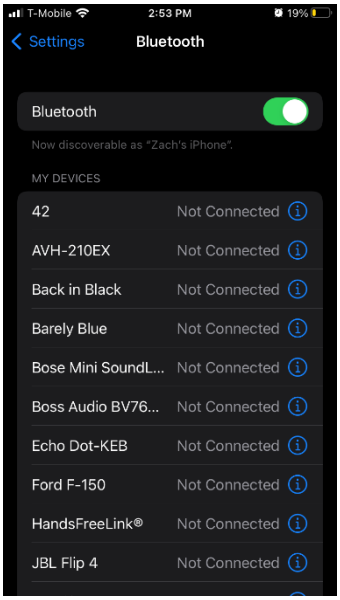
Reference the Following Photos for iOS Setup:

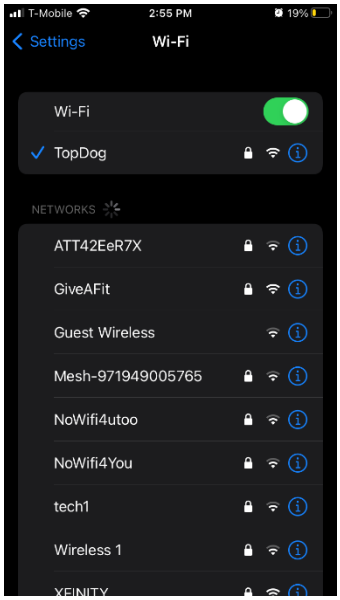
1. Switch ON Bluetooth on your IOS delice

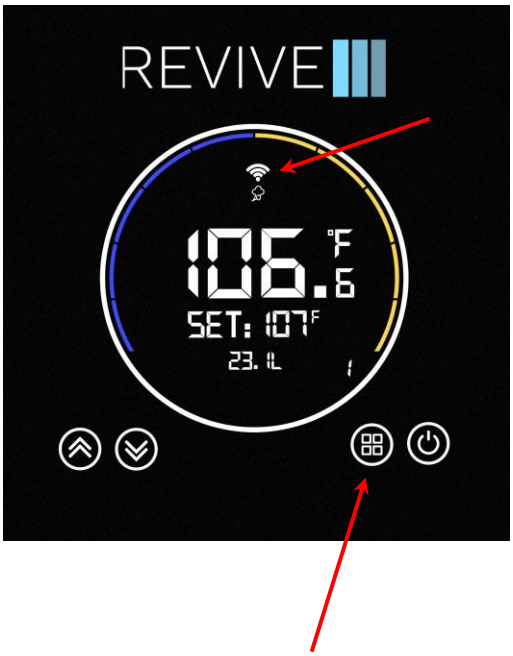
2. Connect to a 2.4 GHz WiFi network (not 5 GHz)

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

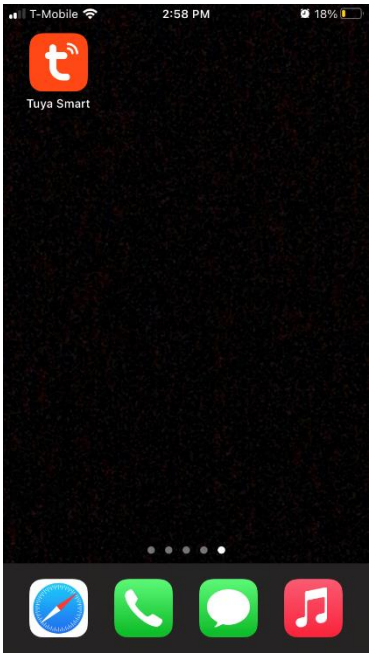
4. The WiFi icon on the chiller should start flashing



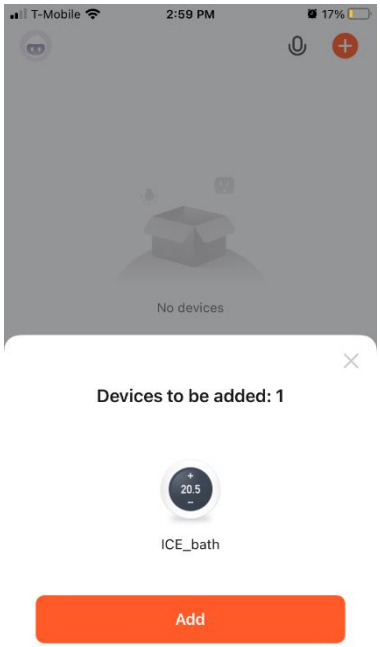




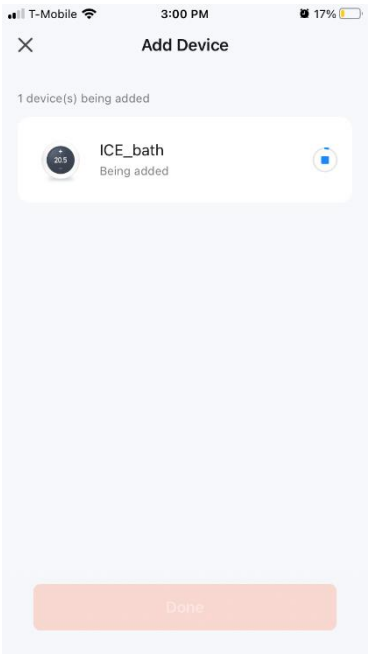
5. Open the TUYA app on your IOS device



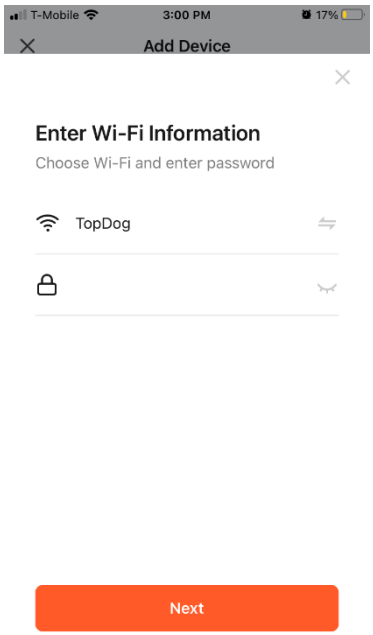
6. When the device pop-up appears, click “Add”



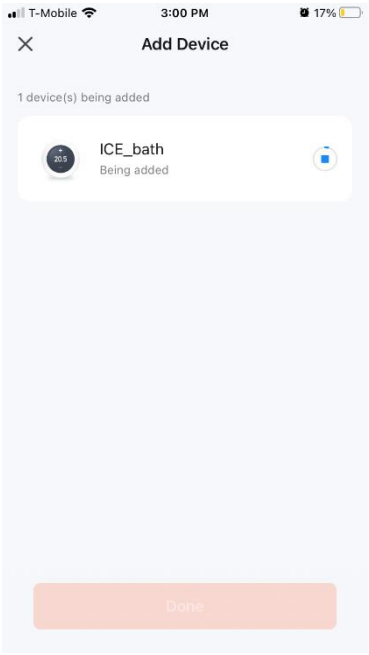
7. Click the “+” button



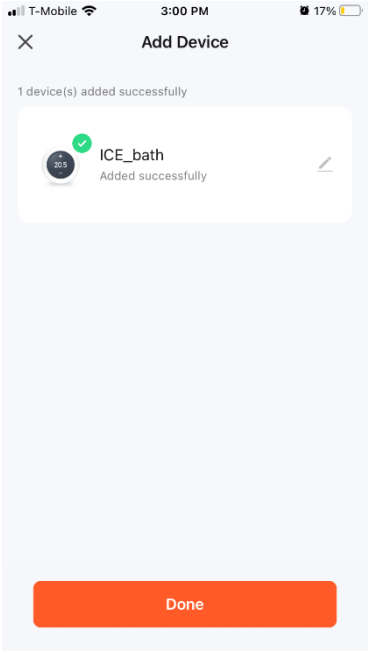
8. Enter your WiFi ID and password *(note: only use a 2.4 GHz network)*, click “Next”



9. Wait for the setup to complete

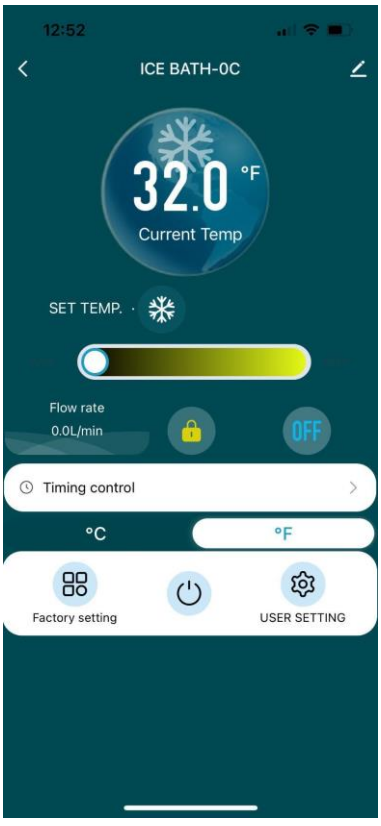


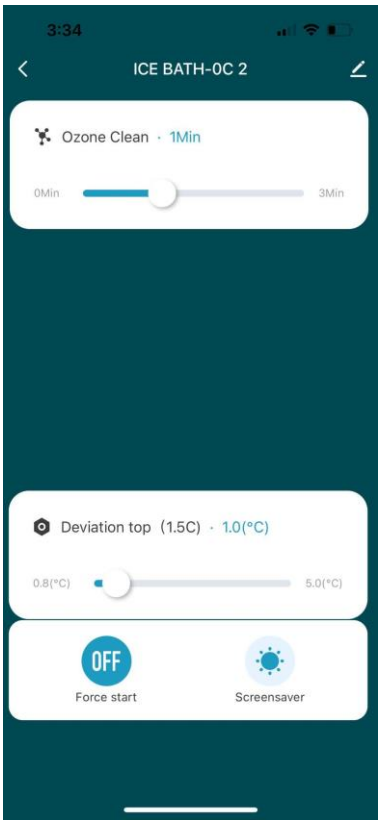
10. Click “Done” button



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.

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, 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.

TROUBLESHOOTING INSTRUCTIONS

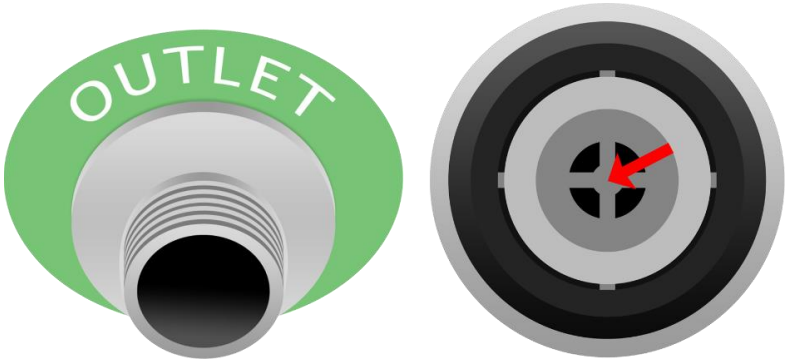
If water fails to flow normally, or the chiller is not cooling the water efficiently, that means that there is a vacuum leak or a blockage in the system, which is more often than not a very simple fix.
If experiencing these issues, please follow these troubleshooting steps:

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. **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**
    - 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.
    - Remove the clear white cartridge filter from its housing, and reattach the clear housing without the filter.
    - Turn the chiller back on and place a running garden hose up to the bottom-most outlet opening of the tub from the inside, as seen to the right. Hold the hose firmly against the opening 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 help@reviveplunge.com.