



# Fluctuating Temperature Guide

**NOTE:**

This document was created and used by Sets Systems Tankless Water Heaters and is being provided as a courtesy to current Sets Systems Heater customers.

If you are experiencing fluctuating temperature, there are four things you must do.

- Remove all water restrictors from the showerheads and aerators (***below is a picture on how to remove them***)
- Turn the control settings on the unit down
- Allow the water to run faster when you use it
- If you are on a well, make sure you have your gauges set to 60psi to 40psi or better use a pressure regulator

These recommendations should resolve the temperature fluctuation problem. If not, we will need you to perform a simple test so that we can see how the computer is functioning. **The only way technical support knows what is causing the fluctuations is to perform a test on the unit.** I have listed a step by step test to perform.

**Step 1: Take off the showerhead**

**Step 2: Turn on the water at the shower and let it run on full flow, hot only**

**Step 3: Set the unit ¼ on**

- If you have a LED light, set it on the 3<sup>rd</sup> bar from the bottom.
- If you have a control, set the control knob ¼ on

**Step 4: Use a thermometer to check the temperature to see if it is fluctuating (***Wait one full minute before you check the temperature, travel time – waiting until the temperature travels from the unit to the shower***)**

- If the temperature less than 110 degrees, **turn the unit up (1 bar on the LED or 1/8 of a turn with a control knob)** or let the **water run 10% slower**. If it is over 115 degrees, **turn it down** or let the **water run 10% faster**.
- If you are using a thermometer, **do not turn the unit up too high or let the water run too slow**, you will experience temperature fluctuation

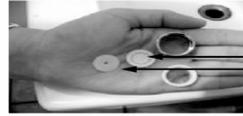
Call or email technical support and give them the range of the temperature fluctuation. (Ex: 110 degrees – 120degrees)



In all your plumbing fixtures you will find what is known as aerators. These are found on the end of your faucet. They are screwed in and can be removed. Once you remove them you will find the water saver restrictors which can also be easily removed to increase your water flow. These restrictors also get clogged up over a period of time and should be cleaned periodically to give you a better performance and higher flow.



1. Remove the aerators from the end of your faucet by unscrewing them.



5. Remove any restrictors from aerator.



2. You will find the water saver restrictors in the back of the aerators, most of them look like a button with tiny holes.



6. Use only the aerator base and the mesh filter.



3. Remove the water saver restrictor from the aerator. You might need a toothpick or pen to pop them out.



7. Place mesh filter back in aerator



4. Pull apart all the pieces from the restrictor. You will most likely have several pieces-  
Aerator base  
Mesh wire filter  
Two restrictors



8. Screw back aerator to faucet.