

LOWERING TEMPERATURE

MODELS: ALL MODELS



WARNING

LP & NG ARE EXTREMELY FLAMMABLE SO TAKE EXTRA PRECAUTIONS WHEN PERFORMING ANY WORK TO THE HEATER

The 125B, 125X, 125FX & 125HX operate identically. When the control dial on the front of heater is turned all the way clockwise the unit will require a 1/2 gallon per minute flow rate to activate and will produce a 90 degree temperature rise on top of your inlet water temperature up to a 2 gallon per minute flow. As the control dial is turned counter clockwise the unit will require a 1 gallon per minute flow rate to activate and will produce a 45 degree temperature rise on top of your inlet water temperature up to a 4 gallon per minute flow. We recommend the control dial be kept all the way turned clockwise, to take advantage of the 1/2 gpm activation point, and the outlet temperature rise decreased by following the steps below.

Solution:

1. Increased flow helps to lower the outlet temperature and insures the heater stays on, even with some cold added.
2. Increase the flow by first cleaning the inlet filter screen in the Aquastar. See diagram **A** below. Shut off cold water supply to heater, disconnect chrome fitting at inlet, use a dull tool to pick the filter screen out. Re-install once cleaned.
3. Increase the flow by cleaning faucet aerator screens and shower heads. Some shower heads are ultimately too restrictive, test with an alternate head or remove internal restrictor.
4. If temperatures are still too hot, increase flow by removing the Aquastar flow governor/restrictor, only in model 125B, **not possible in 125X, 125FX&HX** See diagram **A** below. **125B:** Shut off cold water supply to heater, remove volumetric water governor housing from bottom of water valve, remove spring assembly and its cap, re-install volumetric water governor housing. Operate heater, still with the control dial turned all the way clockwise. If outlet temperature is now not hot enough, replace flow governor and go to next step.
5. With the control dial turned all the way clockwise the Aquastar's 90 degree temperature rise can be lowered by as much as 30 degrees by making a simple adjustment on the front facing water valve in heater. See diagrams **B** and **C** below. (Note: 125B PWV (polymide) water valve is shown)

DIAGRAM A

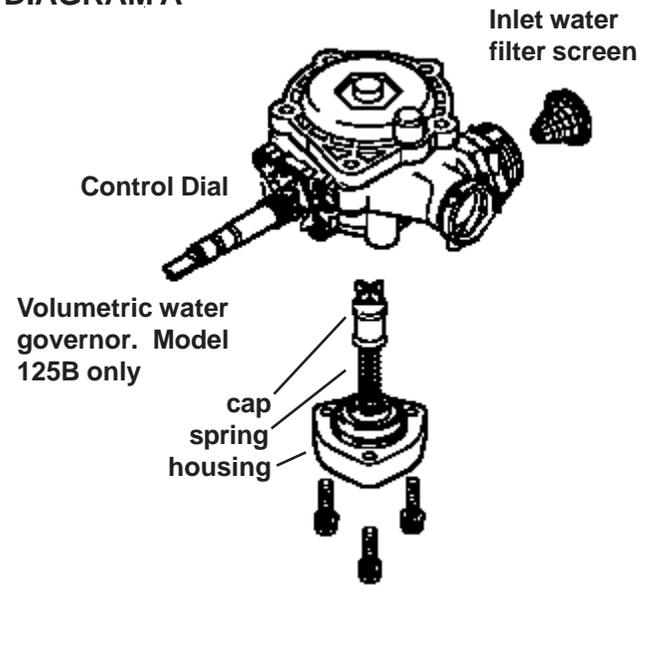


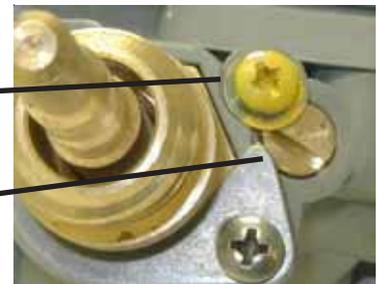
DIAGRAM B

- 1st:**
Loosen philips screw 1/2 turn, do not remove

- 2nd:**
Turn yellow painted adjuster so off-set slot is positioned parallel to floor. See diagram **C**

- 3rd:**
Re-tighten philips screw

125B , 125X, 125FX & 125HX



Shown above is the typical factory setting of the yellow painted adjuster. Some other variations of the adjuster position are seen here:



DIAGRAM C

