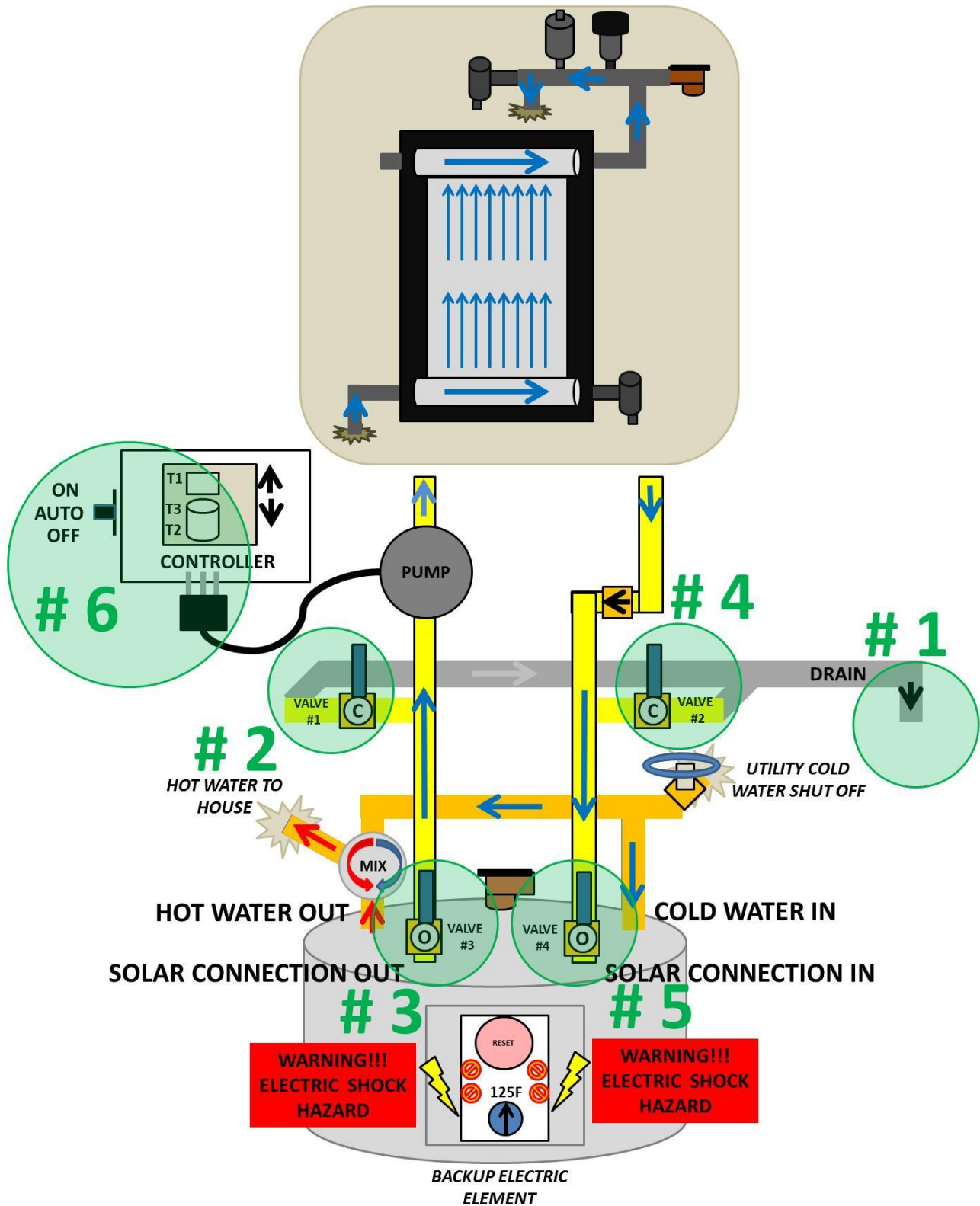


# DIRECT ACTIVE DHW SOLAR OPERATION = **START**

## **"TURN ON AFTER DRAIN PROCEDURE"**



# **DIRECT ACTIVE DHW SOLAR OPERATION = START**

## ***“TURN ON AFTER DRAIN PROCEDURE”***

A solar DHW system may need to be RE-PRIMED or turned on after a recent drain.

### **TURN ON PROCEDURE STEPS: MUST BE FOLLOWED IN THIS ORDER!!!**

- 1) CHECK THE DRAIN PIPE FOR PROPER DRAIN OUTSIDE!** Most systems will have the drain pipe plumbed to drain outside, but some systems may not! If it is not plumbed outside then you may have to attach a garden hose to the spigot on the drain pipe with the other end preferably outside. You can dump into a tub if needed, but BEWARE the water being drained can be EXTREMELY HOT!!! Open the spigot if needed.
- 2) CLOSE the drain valve labeled as Valve #1 in the diagram.** The handle turns only 90 degrees one way, and will be perpendicular to the pipe when fully CLOSED.
- 3) Turn the solar loop OUT connection, Valve #3, from the tank OPEN.** The handle turns only 90 degrees one way, and will be parallel to the pipe when fully OPEN.
- 4) Listen for the air to push through the open drain valve #2 until you hear some clicking and full water is draining outside. CLOSE the drain valve labeled as Valve #2 in the diagram.** The handle turns only 90 degrees one way, and will be perpendicular to the pipe when fully CLOSED.
- 5) Turn the solar loop IN connection to the tank OPEN.** This valve is labeled in the diagram as valve #4. The handle turns only 90 degrees one way, and will be parallel to the pipe when fully OPEN.
- 6) The pump needs to be turned on to AUTO.** Most controllers have a switch on the side that can be switched to the middle AUTO position. Also check to see if the pump needs to be plugged into the controller again. A variety of controllers do exist, including DC controllers, so please contact Compass Solar if you are not sure how to turn the pump on.
- 7) CLOSE the drain spigot that was opened in step 1 if needed.**

**YOUR SYSTEM IS NOW FULLY OPERATIONAL AND SHOULD PRODUCE HOT WATER WITHIN A FEW HOURS. IF YOU THINK THAT YOUR SYSTEM IS NOT WORKING PROPERLY, YOU MAY HAVE TO RE-PRIME THE SYSTEM DUE TO TRAPPED AIR.**