ENERGY KINETICS

TECHTiPS

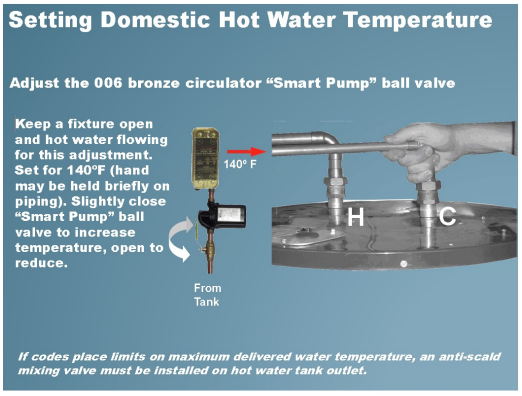
Hot Water Tank Temperature Adjustment

Hot Water Tank Temperature Adjustment

Many technicians will try to adjust the hot water on our hot water storage the same way they would on a standard indirect tank or standalone water heater by adjusting the tank aquastat. While this would seem logical it would also be incorrect.

Our storage tanks operate differently than standard water heaters so they will need to be adjusted differently as well. The flow through the plate heat exchanger is what controls the temperature at the top of the tank. The slower the water is flowing through the plate heat exchanger the more heat it will absorb and the hotter it will get. If you want hotter water, you partially close the throttling valve under the tank circulator and if you want it cooler you open it slightly more.

Do not set the tank aquastat temperature higher to increase the tank temperature. Instead, reduce the flow through the plate heat exchanger to achieve the desired temperature. Adjusting the tank aquastat alone may reduce the benefits of thermal purge and the tank outlet temperature will not be affected.

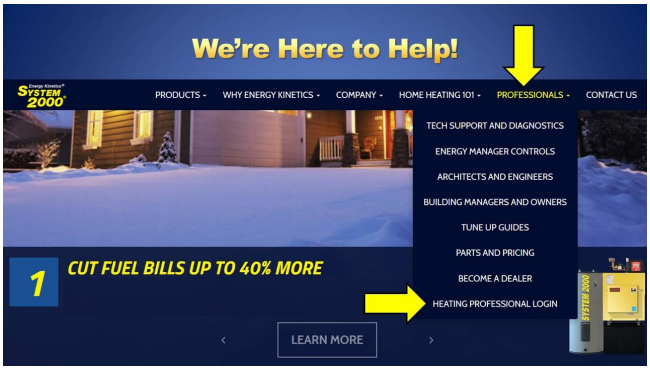


View PDF for simple directions on Setting Domestic Hot Water Temperature

The attached video shows how to perform this simple procedure.

If you have been on the job for 20 minutes and you haven't solved the problem give us a call!
(908)735-2066

www.energykinetics.com



Need Drawings, Manuals, Instructions, Specs, Videos? Good Place to find this information is in our Heating Professional Page on our website.

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