

## Reasons for Limited Hot Water

Let us break down the discussion on why one may not have any hot water from the water heater into two different sections: having NO hot water and having LIMITED hot water.

In terms of having no hot water at all, Water Heater Repair Tacoma WA suggests that it is probably because of one of the following four different possibilities (at least it is probably just one). Here they are...

### A Bad Pilot Light

Hopefully this is the case because it is the easiest of the five to fix. First check to see that it is still lit. One may need to take a look at the owners manual (sorry guys, but sometimes we need to read instructions) if you are having a hard time finding where it is located.

Manufacturers due tend to hide them these days it seems. And, to see what the manufacturers directions are for relighting the pilot light.

### Gas Line Leak

If one has a gas water heater, there may be a leak in the line. If one has an electric one, obviously disregard this as a possibility. Some people have a hard time smelling gas, though my mother has an uncanny ability to smell it I vividly remember as a child. It like likely have the odor of rotten eggs. If this is the case, all jokes aside, turn the gas line off if one knows where it is and call the gas company and/or a plumbing company if one doesn't live in Water Heater Repair Tacoma WA 's service area. This is a serious problem that needs immediate attention!

### A Bad Thermostat

This could be the issue for both not having any hot water, or just not having enough hot water.

To be on the safe side we included it in this section though. Make sure the thermostat dial settings have not been bummed or altered by accident. Our water heater is located in the garage and the happy fingers of twin youngsters like to go exploring now and then. If the settings are what they normally are, turn the setting up some and see if it does the trick. The thermostat can be replaced for they do wear out occasionally.

### A Bad Thermocouple

For gas water heaters, the thermocouple works in hand with the pilot light as a safety device.

If the pilot light is out, it prevents gas from being turned on, so it is kind of important.

However, not difficult to change if needed. When the thermocouple begins to wear out, it "tells" the gas valve that the pilot light is out so it shuts off the gas. The gas burner will not light then and the pilot light goes out.

For electric water heaters, it uses a heating element inside to conduct the electrical current heating the water. These can also wear out and will lead to reduced hot water.

### Not Enough Hot Water

#### Sediment Buildup

If one is not in the habit of flushing the water heater tank periodically, like at least once every couple years, sediment from the water will buildup in the bottom of the tank. If you ever hear popping or banging noises from the storage tank, that is probably why. This is eventually

reduce the heaters ability to make enough hot water. Regular flushing will typically solve this problem. If the water at home is overly hard, using a water softener will help combat on excess amount of sediment buildup too.

#### Other Possibilities

There might be an issue with the flame from the burner. Please make sure the area around and underneath the water heater stays clean from dirt. The water heater pulls air up from underneath for the burner. Natural gas flames will burn bright blue with a yellow tip, while propane are more bluish green on the body of the flame.

It may be the case that the tank size is just too small and not able to handle the water heating demands, but obviously if it is a new problem of not enough hot water and ones usage level has not drastically increased, this will not be the case.

If any recent repairs were made on the unit something could be crossed in terms of the electrical connections or the hot and cold water connects, but again, pretty unlikely from most plumbing companies.

There are other possible causes, but for the sake of time here, Water Heater Repair Tacoma WA just wanted to share the most probably ones. Don't hesitate to let us know of any assistance needed!

Reference:

[Hot Water Heater Repair Tacoma](#)