

Considering Tankless Water Heating?

June 2010

Did you know that water heating is the third largest energy expense in your home and typically accounts for 12% of your utility bill? Heating water requires a significant amount of energy, and natural gas has proven to be the more efficient choice for this purpose. Using natural gas at the appliance is three times more efficient than using electricity. With natural gas, about 90% of the energy is delivered directly to your home. In comparison, electricity is only about 30% efficient because 70% of the source energy is lost in power generation and transmission.

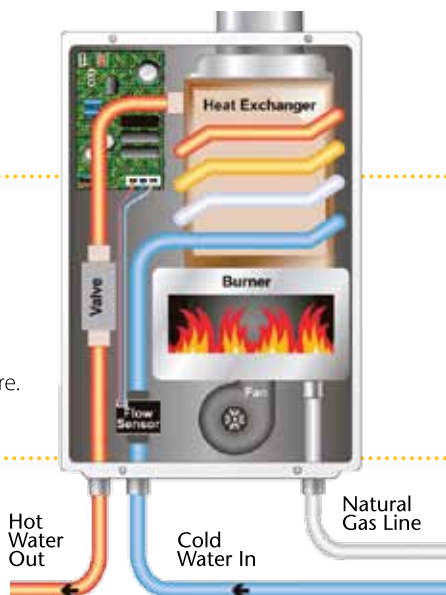
If you are looking for additional efficiencies, consider a tankless water heater. Tankless water heaters, as the name suggests, have no storage tanks. They heat water only when hot water is needed, making them very energy efficient. Since most tankless water heaters are compact and wall mounted, they are extremely space efficient. Although tankless water heaters typically cost more to purchase, they cost less to operate in the long run. The added benefit of energy tax credits definitely make tankless water heaters a smart choice.

Contact our Energy Specialists at **1-800-654-2765** to learn more about how they work, where to buy them, available energy tax credits, and installation requirements.



HOW DOES A TANKLESS WATER HEATER WORK?

1. A hot water tap is turned on.
2. Cold water enters the heater.
3. The water flow sensor detects that water is flowing.
4. The computer automatically ignites the burner.
5. Water circulates through the heat exchanger.
6. The heat exchanger heats the water to the designated temperature.
7. When the tap is turned off, the unit shuts down.



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Safety Rules



**Know what's below.
Call before you dig.**

Before you begin any kind of digging project, it pays to know where underground utility lines are buried. Because natural gas, electric, water and telephone lines run just beneath the surface of streets, alleys, and landscaped or vacant land, they can be hit and damaged by digging tools.

To prevent unnecessary damage to utility lines, the law requires you to call before you dig. Within two working days of your call, the utility lines will be marked and you or your contractor can dig safely. Failure to obtain the proper location of underground utilities is a violation of the law and could result in significant fines and expensive repair bills.

***Call 811 before you dig.
It's easy. It's the law.***

FYI for Employers—

Request a material safety data sheet (MSDS) for natural gas by calling Energy Services at 1-800-654-2765 or visiting www.swgas.com/emergencysafety. Please ensure your employees know how to obtain MSDS information.

Energy Efficiency

Because natural gas is a clean-burning, nationally abundant, and environmentally friendly fossil fuel, consumers who use natural gas directly for heating, water heating, cooking, and clothes drying play an important role in protecting our environment. And, with energy independence on everyone's mind, it's good to know that 85 percent of the natural gas we consume is produced right here in America.

If you want to increase your home's energy efficiency, reduce your utility costs, and help the environment, turn to Southwest Gas for answers. We can help you manage your home's energy consumption with great energy savings tips. Just visit us at www.swgas.com or give us a call

1-800-654-2765.



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