



Tankless Water Heater



Tankless water heaters or sometimes referred to as on-demand water heaters provide hot water when the hot water is needed. With a tankless hot water there is no standby energy loss that is found with a traditional water heater.

Tankless water heaters heat water directly as it flows through the distribution lines. As the cold water travels through a heating component (either gas or electric powered) the water heats up to the desired temperature instantaneously. These devices bypass the obligatory waiting period for the water to travel from a centralized storage tank to the distribution point. Tankless water heaters can provide a constant supply of hot water. This type of water heater can provide hot water at a rate of 2-5 gallons



As cold water flows through the heating component the water is heated supplying a continuous flow of hot water instantaneously

per minute. Gas-fired systems can produce higher flow rates than its electronic counterpart.

For homes that use 30 – 40 gallons of hot water per day tankless water heaters can be 25% – 35% more energy efficient than a standard tank water heater. The efficiency gains decrease as hot water usage does up. The best way to achieve energy efficiency with tankless water heaters is to install smaller units at the point of use. ENERGY STAR[®] estimates that an average family can save \$100 per year with an ENERGY STAR[®] qualified tankless water heater. Tankless water heaters will typically last longer than a standard tank water heater. Also they have lower operating and energy costs. These two advantages offset the disadvantage of cost, as tankless water heaters do cost more than a standard water heater.

As we plan for the future of Utah's water it is important to remember that every drop counts. If we each save a little we'll all save a lot!