



Freelance Article Sample

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Tankless Water Heaters – Hot Water On Demand for Less

Have you heard the news about tankless water heaters? Not only can they save you money, they can give you hot water on demand.

Switch to a Tankless Water Heater to Reduce Your Electricity Bill

According to the [Alberta Ecotrust](#), water heating accounts for about 15% of your home's energy use. If you want to save money on your energy bill, your water heater is a good place to start.

Traditional water heaters hold large volumes of water – typically 180 to 270 L (40 to 60 gallons). Unlike tankless water heaters, a traditional heater keeps a reserve of heated water, which means that energy is used throughout the day to keep that water hot.

Not only is energy used continuously, it is also lost through something called standby heat loss. Consider how a traditional water heater works – it continually heats the water, even when you aren't using it. Much of that heat is lost up the flue, and then the whole cycle starts over again, with water being heated only to sit in the tank, where heat is lost.

Because there is no tank in an on-demand or tankless water heater, there is no standby heat loss. Tankless water heaters switch on when you turn on the tap, heat the water immediately, and then switch off when you are done.

The [Office of Energy Efficiency](#) of Natural Resources Canada is currently promoting tankless water heaters as a more efficient solution for residential water heating. This organization estimates efficiency improvements of about 15% to 20%.

Even though tankless water heaters cost more initially, they have an average life span of twenty years; more than double a traditional tank system. By most estimates, a tankless system will pay for itself in three to five years.

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Hot Water On Demand with an Instantaneous Water Heater

Tankless water heaters are also known as on-demand or instantaneous water heaters. Tankless water heaters power up when a flow sensor indicates that water is being used. Cold water then passes over a heat exchanger, which can consist of electric heating coils or a gas-fired burner. When you turn off the tap, the water heater shuts off. The hot water gets to you when you need it, and there is minimal energy expended.

In many models, you can select the water delivery temperature. And, because it produces hot water on demand, the tankless water heater never runs out of hot water like a traditional tank heater does. Depending on the model, you could get enough hot water to run two or even three showers simultaneously.

Tankless Water Heaters are the Way of the Future

Tankless water heaters have been used for many years in Asia and Europe, and they are starting to make inroads in North America, where energy conservation and greenhouse gas reduction have become priorities.

If you want to help reduce your greenhouse gas emissions, save energy and money, and have the convenience of hot water whenever you need it, a tankless water heater is for you.