

February 6, 2008

CEAB  
% G. Deans

Reference: Utilities Integrated Resource Plan

As a resident of West Hartford the following recommendation is in response to Appendix D, DSM Resource Solution.

Both gas and electric tankless water heaters are currently available on-line for purchase by homeowners (see below). This option is suggested as a near term solution per Section IV., Conservation & Load Management Scenario II Plan for integration of electric and gas programs.

The electric savings can be significant when electric water heaters are replaced with an on demand gas water heater. There are homes with gas lines in my area that have gas line connections and are utilizing electric water heating.

A review of the on line site <http://www.tanklesswaterheatersdirect.com/> indicate prices for on demand water heaters that are priced lower than solar hot water heating systems. On demand gas water heaters range in price from 4.0GPM at \$696 to 9.6 GPM at \$ 1,564 and appear to be priced competitively with solar hot water systems. Even homes without gas lines may still cost lower installed than solar hot water heating systems.

Implementation of this recommendation would reduce demand for both electricity and natural gas.

Sincerely,

David W. Jackson  
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# Tankless Water Heaters *Direct*

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## Gas Tankless Water Heaters

- [Bosch AquaStar 2400ES](#)
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- [Bosch AquaStar 1600H](#)
- [Bosch AquaStar 125FX](#)
- [Bosch AquaStar 1600P](#)
- [Bosch AquaStar 125BQ](#)
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- [Reconditioned Heaters](#)

- [Takagi T-KJr](#)
- [Takagi T-K3](#)
- [Takagi T-K3-OS](#)
- [Takagi T-M1](#)

## Electric Tankless Water Heaters

- [PowerStar](#)
- [PowerStream](#)
- [Stiebel Eltron](#)

## Electric Mini-Tank Water Heater

- [Ariston](#)
- [Stiebel Eltron SHC4](#)

## Oil Tankless Water Heaters

- [Toyotomi](#)

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**Free Shipping on most Gas Tankless Water Heaters**

Our Featured On Demand Water Heaters:



***Bosch AquaStar 2400E Tankless Water Heater***  
 Direct-Vent! Most Efficient Tankless Water Heater on the market. 87% efficiency! Propane Tankless Water Heater or Gas Tankless Water Heater.  
**The Bosch 2400E replaces the Bosch 250SX**

Built-in temperature control, 12-year warranty - enough hot water for up to **2 showers** at the same time!

## Tankless Water Heater Information:

***What are the advantages of a tankless water heater system?***

A tankless water heater also known as point of use water heater or on demand water heater, turns on when you open a hot water faucet and turns off when you close the faucet, so the energy that is consumed is only for the hot water that is being used. Since there is no storage of hot water and thus no constant heating and re-heating of stored hot water, you're not wasting energy heating water when you don't need it, such as when you're sleeping or not at home. This energy savings translates to dollar savings for you and reduced impact on our environment. Furthermore, since a tankless water heater heats the water as you use it, you can have an endless supply of hot water, provided you size the unit appropriately. Tankless water heaters are also designed to last for 20 years and are smaller than hot water tanks.

## RV and Boat Water Heaters

[RV 500](#)

[Boat ShowerMate](#)

## Accessories

[4" Z Flex ZVent](#)

[3" Z Flex ZVent](#)

[AQ1 Power-vent](#)

[AQ3 Side Vent Kit](#)

[FXHood](#)

[Webstones Valves](#)

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## What Size?

[Site Map](#)

[Resources](#)

[Customer Info](#)



### **Bosch AquaStar 1600H Tankless Water Heater**

Bosch Aquastar - Electronic Hydro-powered Ignition Propane (LP) or Natural Gas.

The 1600H Tankless Water Heater will deliver up to 3.2 gallons of hot water per minute.



### **Stiebel Eltron Electric Tankless Water Heaters**

Save Energy & Reduce Your Electric Bill with Sleek Design Saves Space and Control Temperature Simply by Setting a Dial. Whole-House Electric Tankless Water Heater



## ***How do tankless water heaters work?***

When a hot water tap is opened, the cold water enters the heater and triggers the heating elements or burners to turn on. Your hot water tap acts as an ignition key for the energy used to heat the hot water you need. The water is then heated as it flows through the heating elements or heat exchanger. As you change the water flow, a water valve or thermostat controls the heating elements or burner flame to maintain a constant temperature. The amount of energy used is always proportional to the volume of hot water being used. When the hot water tap is turned off, the system shuts down.

## ***What factors do I need to consider before making a purchase?***

1. Choose Gas or Electric – gas water heaters are typically more powerful than the electric, however the gas models have specific venting, combustion air, and gas line requirements. Each requirement is summarized in the product comparisons and detailed in the installation manual on each product Tech and Specs Pages.
2. Flow rate – how much hot water flow is needed simultaneously? [Click here to see information of sizing tankless water heaters.](#)
3. How do I find the right tankless water heater? The best way is to take a look at the sizing information we have. [Click here to see information of sizing tankless water heaters.](#)
4. How do I find online manuals for the tankless water heater that we want to install? [Click here to see all of our hot water heaters manuals online.](#)
5. If I want to install a gas tankless water heater - what information do I need for venting and make up air? Well - each gas tankless water heater has special needs - so the best idea it to check out the tech and specs of the water heater you are interested in or download a install manual above for all the information

**Bosch AquaStar 1600P Tankless Water Heater**

Standing Pilot - Fuel Efficient Natural Gas or Propane (LP). Economical gas tankless water heater. The Bosch 1600P replaces the Bosch 125B.



**PowerStar Electric Tankless Water Heater**

PowerStar Whole-House - Efficient Electric Tankless Hot Water Heater 2 Sizes - AE 115 with up to 2.6 gpm and AE 125 with up to 3.8 gpm in a box a little more than 1 foot square.



**Ariston Hot Water Heaters**

3 Sizes - GL 2.5, GL 4 and GL 6+ Electric Mini-Tank Hot Water Heaters. Great for Point-of-use and on-demand needs. Used for one, two or even three sinks. Easy to Install under a sink or in a cabinet with 110v hookup. This multiple use electric water heater is a great way to save energy and water.

you can get.

6. If I want to install an electric tankless water heater - what information do I need? Well - you should check out what amount of amps and volts that the electric tankless water heater uses - and again - the best idea it to check out the tech and specs of the water heater you are interested in or download a install manual above for all the information you can get.
7. Still need more information? Give us a call or [click here to leave us a message online and we will contact you back.](#)

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