



Tankless water heater case study 12/10/2017

Location: Apartment complex, Westminster, CA

Duration: 4 months

Objective: To prove scale build up can be controlled and eliminated in the tankless heat exchangers

A client was having significant scale build up, causing the units to be damaged, reducing energy efficiency and increasing maintenance costs. The build-up was so bad that heat exchangers were being replaced in less than 18 months. They contacted Wasatch Water Treatment for a solution.

We installed a Flow Tech home unit on the tankless water heater with no pre-treatment or cleaning. The unit was in service for 4 months when we removed the heat exchanger to perform a test. We cut the heat exchanger in ½ to inspect the condition of the tubing. After 4 months of use there was no scale build up. The test was a complete success. See the pictures below, there is no evidence of scale build up.



The high instant heat in tankless units is known to generate a lot of scale, requiring significant maintenance. To address this, most tankless units require annual servicing and cleaning. Tankless units cost thousands of dollars and are designed to last well over 12 years if properly maintained with scale control. Flow Tech is the best product on the market for scale control.

Given the high cost of tankless water systems, it makes financial sense to protect that investment. In this test case with the heat exchangers lasting less than 18 months, the ROI / payback on a Flow Tech unit would be less than one year. The payback goes on forever since there is no scale build up -- the energy savings will be more than 40% year after year. With Flow Tech in place, the need for annual maintenance goes away – this tankless unit will last for many years with no additional maintenance required.

Contact us today so we may help you save money and reduce the maintenance costs on your plumbing system.

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