



Taco Takes Hot Water Recirculation to the Next Level

"An average family of four can waste 12,000 gallons of water a year because of the unnecessary wait for hot water to reach showers and faucets," says Dan McLaughlin, partner, McLaughlin & Buie Housewrights based in East Greenwich, RI. And, in most cases, homeowners not only pay for water that goes down the drain, but to get rid of it as well. Of course, hot water heating costs increase because of it as well.

Fortunately, McLaughlin discovered that HVAC systems manufacturer, Taco, Inc. introduced the SmartPlus circulator for use with domestic water systems that include a dedicated hot water return line. The new circulator combines the reliability of Taco's "00" line with cutting edge electronics to achieve ultra-efficient domestic hot water recirculation.

Recently, McLaughlin tapped Mike Tulipani, T&T Plumbing based in Charlestown, RI, to install hot water recirculation for a home remodel project. Tulipani smartly specified the SmartPlus.

"The Smart Plus system works great. Our customers are delighted with it," added McLaughlin. "We're very happy with Taco, a company we know for its innovation, quality and craftsmanship. The system's easy to install, and we don't waste time with programming or timers, and we don't need an electrician."

Self-programmable

Builders and remodelers with a focus on sustainability and "green" will find this technology to be a big asset when making "green" recommendations to homeowners.



The technology self-adjusts. When set to "smart" mode, the SmartPlus circulator records each time hot water is called for during a seven day period and then duplicates the pattern for the following week. This energy saving process happens continuously, so hot water is ready when it's needed. With SmartPlus, the average household can save thousands of gallons of water every year.

The SmartPlus can also be set to "pulse" mode. It will operate for 150 seconds every ten minutes, maintaining hot water at all fixtures.

Whether in "smart" or "pulse" mode, the circulator will automatically enter "vacation" mode if hot water is not used for 36 hours. In this mode, water will be circulated once a week to prevent corrosion and scale buildup. When hot water is again called for, the unit will go back to normal operation.

SmartPlus is available in a range of sizes and system connection options to accommodate residential and light commercial domestic recirculation ap-

plications: in 1/2" or 3/4" bronze sweat and 3/4" FNPT stainless steel.

"The SmartPlus circulates water back to the heater so it's always hot and comfortable from the moment it's needed at the tap or shower," says Eric Aune, owner of Zimmerman, MN-based Aune Plumbing, LLC.

"It's a great investment for homeowners, especially in areas where water costs are high, or where water conservation needs are greatest," added Aune. "It also makes great sense for installers like me, and the GCs we work for who want to offer solid, affordable recommendations to homeowners."

"As a global innovations leader in the industry, we're aware of the need to conserve water worldwide," said Carl Perrone, Taco product manager. "We feel it's our obligation to develop water-conservation technology."

For more information on the Housewrights SmartPlus installation check out the video at www.taco-hvac.com/smartplus_vid ■