



Reference Installation Crossover RGH-199



Tina McKendree, the bookkeeper at D&D Plumbing, Inc. in Sparks NV, recently had an HTP RGH-199 Crossover water heater installed, replacing the original 50 gallon natural gas water heater. A Taco HotLink thermal by-pass valve was installed at a bathroom sink. There are currently 3 adults and 3 teenagers living in the house.

"We were always running out of hot water. If two teenagers took excessively long showers (i.e. 20 to 30 minutes), we always had to wait for the tank to reheat before the next person could shower. I couldn't even fill up my garden tub before the water ran cold. Furthermore, running the dishwasher or washing machine was out of the question until everyone had showers for the day. We had no recirculation line, so there was a 1½ – 2 minute wait before water started to warm up. Arguments over hot water usage, timed showers, and multiple "water suckers" were a daily occurrence.

Now with the HTP RGH-199, our hot water issues are solved. We can run 2 showers, a dishwasher cycle, and a load of laundry all at once! I can fill my garden tub with no problem and showers can be taken immediately where before there was no hot water. With the Taco valve, the wait for hot water is minimal and less water is wasted. I would absolutely recommend the RGH-199 for any medium to large family with a high usage rate of hot water such as my family.

Additionally, this conversion was a space saver and space is a valuable commodity in our household."

—Tina McKendree

Fighting the High Cost of Water Heating!

- Up to 96% thermal efficiency and .93 UEF
- 19,900 to 199,000 input – Advanced modulating 10 to 1 turndown ratio, fully condensing
- Durable 316L stainless steel 3.5 gal fire tube heat exchanger – works with flows under 0.5 GPM
- Down fired fire tube heat exchanger with diffuser plate, based on a boiler platform
- Ultra Lo NOx
- Zero flow activation
- Minimal pressure drop
- Built-in recirculation pump, with 3 pump control modes: Pulse, Smart-Auto Learn & time sequenced
- Works with Taco Hot-Link thermal by-pass valve
- Endless hot water: - 5 GPM flow rate at 77 deg. F. temperature rise
- Sealed combustion - Vents with 2" plastic pipe up to 50', 3" plastic pipe up to 100'
- Maintains hot water temperature, not like tankless
- High Altitude operation up to 10,000 feet, Nat Gas or LP, kit included
- Two years in product testing, hundreds currently installed
- Warranty: Heat Exchanger: Twelve years, Parts: Five years

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