



STATE PREMIER® HYBRID WATER HEATER ACCOMMODATES MULTIPLE LIFESTYLES



Since moving into their home one year ago, the McNeil family has relied on a 40-gallon State standard atmospheric gas water heater for all of their hot water needs. The two-person household was pleased with the water heater's performance Monday through Thursday. However, on the weekend, when the household grows to four people, the water heater was unable to meet the McNeils' doubled demand for hot water.

Overall, the McNeils had been pleased with the service they received from their original water heater and opted to stick with the State brand. However, they were interested in a newer technology that could more efficiently meet their ever-changing hot water needs. They consulted plumbing contractor Petros Floros of Floros Plumbing and Heating Company to find a solution.

"For this job, we basically had three options," said Floros. "We could install a larger tank which would store a larger quantity of hot water that would not be needed during the week. Another option would be to install a tankless water heater, but the installation challenges and colder incoming ground water made this a less attractive selection. The third option was to install a hybrid water heater."



Familiar with State's extensive high-efficiency line, Floros recommended the Premier® Hybrid High Efficiency Gas Water Heater. Built for the way people use hot water, the Premier Hybrid combines tankless and conventional tank-type water heater technologies to offer the benefits of both.

By combining a tankless engine and a small buffer tank, the Premier Hybrid water heater

IN BRIEF:

Project:

Premier® Hybrid meets family's ever-changing hot water needs

Location:

Boston, Massachusetts

Product:

State Premier® Hybrid High Efficiency Gas Water Heater

Product Overview:

- Designed for the way you use hot water
- Can provide continuous flow like a tankless model—shower after shower
- Sufficient storage to handle peak demand periods
- 90% thermal efficiency
- Interactive controls with multiple lifestyle modes
- Installs similarly to a conventional water heater



In addition to the easy installation, the Premier Hybrid water heater operates at maximum energy efficiency by directing the exhaust gasses from the tankless engine into the small internal buffer tank. This design allows the water heater to operate at 90 percent thermal efficiency, well ahead of a conventional tank model's 78 percent or a standard tankless water heater at 82 percent thermal efficiency. This translates into lower monthly energy costs for the homeowner.

Since installing the Premier Hybrid water heater, the McNeils have noticed energy savings on their gas bill, and they no longer struggle to schedule hot water usage on the weekends.

"It's working flawlessly," said Floros. "The Premier Hybrid is kind of like a sports car. You don't have to use all the horsepower all of the time, but when you want to, it's great to have it."



provides the continuous flow of hot water that tankless water heaters are known for. The small buffer tank combats many common complaints associated with tankless water heaters such as sudden interruptions in hot water delivery ("cold water sandwiches"), minimum flow rates and cold groundwater temperatures.

"A tankless water heater alone just wouldn't cut it in this installation," Floros said. "During the winters in New England, our incoming ground water is just too cold at around 40 degrees."

In terms of installation and operation, the Premier Hybrid water heater is a cost-effective solution for the McNeil family. Installation is similar to a conventional water heater, saving the McNeils from the expensive gas line and stainless steel venting upgrades that are often required in a tankless installation.

Plumber:

Floros Plumbing and Heating Company

STATE WATER HEATERS

For more than 60 years, State Water Heaters has built dependable, long-lasting water heaters for commercial and residential applications. State remains focused on manufacturing durable products that last longer. For more information, visit www.statewaterheaters.com.

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