



ENERGY EFFICIENCY
JUST WAITING TO
BE TAPPED

PROPANE
EXCEPTIONAL ENERGY®

TANKLESS WATER HEATERS



GO TANKLESS, GO GREEN

Homeowners want to feel pressure every time they turn the hot water tap — not when they open their monthly energy bill. To serve both sides of this equation, builders, remodelers, and subcontractors are increasingly turning to the efficiency of propane tankless water heaters for their customers.

Compared with standard electric water heaters, tankless units fueled by propane use less energy and water, have a smaller carbon footprint, are more durable, and meet or exceed key green-building specs. Combine these powerful benefits with newly available tax credits and rebates, and a tankless water heater becomes a red-hot liquid asset, one that you can use to close your next deal.

SUPREME PERFORMANCE, EASY INSTALLATION

Instantly heating water as it passes through the unit, tankless water heaters virtually eliminate wasteful “standby loss” — the unnecessary heating and cooling of water waiting in a storage tank. In applications where a centralized tankless water heater is

supplemented by additional tankless units at the point of use, homeowners also can avoid having to waste water running the tap until it heats up. Overall, the performance benefits are staggering: The operating costs for a propane tankless water heater are up to 60 percent lower than a standard electric unit.

If you’re working on projects in which space is at a premium — where a homeowner wants to finish off an old basement, for example — tankless water heaters come with an additional benefit: They require a much smaller footprint. A standard water heater requires 15 square feet, whereas a wall-mounted tankless unit requires just a fraction of the space.

While retrofitting may be required in a remodel — replacing the vent pipe, for example — these costs are nearly always offset by the tankless unit’s performance, efficiency, and reliability. Because tankless water heaters don’t have a corrosive storage tank, they typically last 10 to 15 years longer than a standard unit.

Today’s lifestyles demand **EXCEPTIONAL ENERGY.**

THE BENEFITS OF PROPANE TANKLESS WATER HEATERS

- Reduce carbon emissions by 63 percent compared to an electric water heater
- Operating costs up to 60 percent lower than standard electric units
- Eligible for federal tax credits and state rebates
- Energy Star-qualified, which can help meet the National Green Building Standard™ for water efficiency



AN EXCEPTIONAL HOME

When builder Charlie Clayton and architect Geoffrey Mouen designed Tradewinds, a 7,300-square-foot custom property in the exclusive Baldwin Park neighborhood of Orlando, FL, they turned to clean propane, installing six Rinnai tankless water heaters in a centralized mechanical room. These units not only provide hot water on demand to the home's kitchens, laundry, and bathrooms, they also provide energy savings a homeowner can count on.

According to Barbara Koenig, senior vice president of New Broad Street Companies, the agency commissioned to sell Tradewinds, the choice of propane tankless water heaters was a smart one. "[Buyers] want the performance that propane delivers," she says, "from the instant flame for cooking to hot water on demand from the shower."

GREEN SPECS THAT PAY YOU BACK

In addition to all of this energy- and space-saving performance, tankless units can help you meet the National Green Building Standard™ for water efficiency. They are Energy Star-qualified, a designation that standard electric water heaters can't claim. Additionally, tankless units installed in 2009 will be eligible for a federal tax credit, and homeowners in many states can receive a rebate for replacing an electric water heater with a propane unit.

And the green benefits of propane tankless water heaters aren't just good for the environment; they also help you sell. According to a 2008 J.D. Power survey, homeowners define "green" as "energy efficiency" first and foremost — "going green," for them, is about saving energy and money. So you're not only meeting spec, you're giving them another incentive to buy.

PROPANE
EXCEPTIONAL ENERGY®

Want to learn more? Go to buildwithpropane.com.



Builders who use propane can achieve up to 199 points toward the National Green Building Standard™ — halfway to gold. While you're considering a propane tankless water heater for your next project, here are a few more options to evaluate:



POOL AND SPA HEATERS. Just like an indoor tankless water heater, propane pool and spa heating systems are more energy efficient than their electric counterparts.



FURNACES. Propane furnaces can reach a peak efficiency of more than 95 percent, compared to 85 percent with home heating oil. They also heat air up to 25 degrees warmer than electric heat pumps — all with a lower carbon footprint.

RADIANT FLOOR HEATING. Clean, ultra-efficient propane is a perfect fuel for high-tech boilers that operate with today's radiant floor heating systems.



FIREPLACES. Direct-vent gas fireplaces are approved in green building programs. Propane direct-vent fireplaces offer efficiency, preserve indoor air quality, and provide consumers the comfort and ambience of a wood fire without the mess and expense.

- ➔ For additional information on appliances, tax credits and rebates, visit <http://buildwithpropane.com>.
- ➔ To learn more about installing clean, reliable propane in your next project, take an online continuing education course at <http://ces.pratt.edu>.



PROPANE
EXCEPTIONAL ENERGY®



Propane Education & Research Council
1140 Connecticut Ave. N.W., Suite 1075
Washington, DC 20036

© Propane Education & Research Council 2/09



PRC 008245