TANKLESS, ON-DEMAND WATER HEATER

The Rinnai Continuum tankless water heater is a multiple point of use, gas-fired water heater that provides neverending hot water to a home 24 hours a day at a rate of up to 8.5 gallons per minute. Rinnai Continuum only heats water when it senses a demand from an open water source. Once demand is detected, the water is then routed through a heat exchanger fixed to the plumbing sys-tem; therefore, as long as water comes through the pipes, it can be continuously hot. Also, with a Rinnai Continuum, a home can use up to three hot water outlets simultaneously without any fluc-tuation in temperature or consistency.

The system is accompanied by a digital control touch pad that allows users to set the temperature limit for different household needs. This luxury and safety feature is important to prevent scalding accidents. Rinnai Continuum provides significant energy and cost savings for the homeowner (up to 70% per month) due to its automatic shut off when the water source is closed, rather than a tradi-tional hot water tank that constantly heats and reheats water whether in use or not. Rinnai Contin-uum is a compact wall mounted unit with a life expectancy of 25 years versus 10 years for a stan-dard water tank.

Why It Is Innovative

Rinnai Continuum's small central heating unit is up to fifty-percent more efficient than a traditional gas water heater and up to seventy-percent more efficient than an electric one. Rinnai Continuum's efficiency proves other water heating systems obsolete in design and efficiency; with no standing pilot light, monthly energy and cost savings can be calculated at seventy-percent. Rinnai Continuum's most innovative feature is its ability to deliver a never-ending supply of hot water. It provides the luxury of using multiple hot water sources without any change in consistency or temperature, which is made possible by the system's use of a water flow sensor to adjust the fully modulating gas valve. Its energy and cost savings combined with its longer life expectancy and warranty makes this simple luxury attainable for most family budgets. Another advantage of the Rinnai Continuum is its flexibility of application. Homeowners have the option of interior mounting, exterior mounting, and recessed mounting that can be painted and textured to match the appearance of the home. Because the unit is tankless, it gives homeowners back extra floor space once occupied by a hot water tank closet.

What Has It Changed/ Replaced

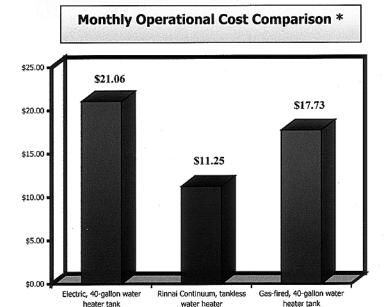
Rinnai Continuum replaces standard hot water tanks as well as America's mentality of meeting hot water needs in their homes. In most other countries besides the United States, tankless systems are the standard due to their space savings and efficient energy consumption combined with the benefits of never running out of hot water. Also eliminated are the risks that accompany hot water tanks including tank ruptures/ leaks and environmental issues with tank disposal.

Origination, Installation and Expectations

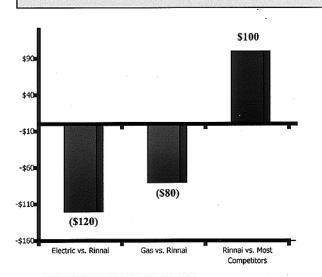
The Rinnai Corporation was established in 1920 as a manufacturer of gas and oil appliances. Today, Rinnai has expanded its business line and offers an extensive range of appliances while remaining the largest gas appliance manufacturer in the world. Having established the largest market share in Japan, Rinnai has been working in international markets for over thirty years and now operates in over twenty countries worldwide. Rinnai Corporation North America has more than two hundred distributors and twelve thousand certified installers. Rinnai's U.S operation is headquartered in Peachtree City, GA. The company's reputation is based upon its achievements in technological innovation, manufacturing efficiency, product safety and quality. The Rinnai Continuum tankless hot water heating systems are currently being used in 250,000 U.S commercial and residential sites including the New American Castle in Southwick, MA.

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Annual Cost Savings of Rinnai Continuum*





The Rinnai
Continuum unit can
be installed
internally, externally
or recessed.

*Actual size of unit: 23 5/8" H 13" x 25"/ 32" W 8 13/16" D



Internal Tankless Water Heater

External Tankless Water Heater

*All data extracted from Okaloosa Gas District Report: December 2002. "Performance Comparison of Residential Water heating Systems."



External Unit, Residential



Recessed Unit, External Installation.



Rinnai Continuum's digital control pad allows users to set the hot water temperature limit to prevent scalding accidents as well as maintain consistent water temperatures throughout