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## **Rinnai Benefits Sheet**

### **Endless Supply of Hot Water**

Never take another cold shower! With Rinnai's patented technology, this state-of-the-art system delivers an endless supply of hot water 24 hours a day. Unique to the Rinnai tankless water heater is the ability to utilize up to three water outlets simultaneously with a constant temperature of hot water. For example, a homeowner can run a dishwasher, washing machine and take a shower without running short of hot water at the desired temperature for any outlet.

Rinnai supplies hot water at the rate of up to 8.5 gallons per minute continuously with no time constraints! On the other hand, a standard tank-type water heater supplies a set amount of hot water but replaces it with cold water when this amount is depleted. Many of today's homes have oversized tubs or multi-headed showers that a standard tank cannot power without draining the hot water supply. The Rinnai is not restricted by any water quantity demand and will supply an endless amount of hot water. This means everyone gets a hot shower or bath!

The operating process is simple: a traditional hot water tank continually heats and reheats its water whether or not the water is in use. Once the heated water in the tank is emptied, via a shower for example, new, cold water comes into the tank which must be heated consistent with the remaining water, expending a great deal of energy and time. Conversely, Rinnai heats water only when water is needed. When a water source is opened, Rinnai senses the demand for hot water flow and starts the heating process. The water flows through a heat exchanger and is heated to the desired temperature, which has been pre-selected and set by the user.

### **Energy Cost Savings**

Rinnai is up to 50% more energy efficient than a traditional natural gas water heater and up to 70% more efficient than an electric water heater.

Unlike water tanks utilizing antiquated technology, Rinnai is more efficient because it only spends energy to heat water when it is needed. Rather than constantly spending energy to needlessly heat and reheat gallons of water, energy is used more efficiently with the Rinnai system.

### **Digital Temperature Control/ Scalding Protection**

Exclusive to Rinnai tankless water heater is a digital control pad installed separately from the wall-mounted heating unit. This panel allows users to control the temperature of their water for various needs around the house. Once the temperature is set, Rinnai constantly delivers hot water consistent with that desired setting. This feature has great utility in households with small children and elderly individuals to help prevent scalding accidents.

Rinnai tankless water heater uses the feedback from a water flow sensor to adjust the burner, giving users a consistent water temperature for any duration. Flexibility is a big issue in multi-person households. It is for this reason that the Rinnai control pad is easily and quickly adjusted to fit users' needs. For example, a consumer might want the hot water temperature set at 140 degrees to run the dishwasher but only want it set for 96 degrees for a child's bath water. With the simple press of a button, the temperature limit can be changed to accomplish both tasks.

### **Spillage Free**

Tank leaks and ruptures are two of the major risk factors involved with traditional hot water tanks. A leak or a "bust" can disseminate extremely hot water throughout the surrounding area, ruining home furnishings and carpets, endangering persons near the accident and creating an insurance nightmare. Because the Rinnai is tankless, there is nothing to "bust". The system holds no water within the confines of the wall unit. Therefore, no water storage equals no risk of spillage.

### **Space Saver**

Take back that closet! Whereas a tank-type water heater requires 12 - 16 sq. ft. of floor space, Rinnai tankless water heater is a wall-mounted unit that fits either inside or outside the home, freeing up the use of another closet. Rinnai's wall mounted unit is 9" deep, 14" wide and 24" high, much smaller than a water tank and much more easily concealed on the exterior or interior of the home.

Units placed inside the home are typically located in a closet with other utility items such as air conditioning/heating units, fuse boxes, washer/dryer, etc. Units installed on the home's exterior are fully insulated to withstand the warmest and coldest of temperatures and do not detract from the aesthetic appeal of a home. They can even be installed in recessed box, flush-mounted to the home exterior and painted or textured to match the exterior surface.

### **Warranty/ Life Expectancy**

Rinnai tankless water heater has a limited warranty on the heat exchanger for ten (10) years and five (5) years on the remainder of the parts, compared to a typical 6-year warranty for hot water tanks.

The life expectancy for traditional hot water tanks is approximately 10 years. With Rinnai's new technology, the life expectancy of the entire system is 25 years, more than double that of a hot water tank. Additionally, disposing of hot water tanks is extremely difficult and is typically regulated by strict environmental laws. Most landfills in the United States do not accept hot water tanks due to environmentally hazardous materials. Conversely, disposing of the Rinnai is much simpler; because the product materials are built more environmentally friendly, Rinnai is accepted by most U.S. landfills.

### **Distributors/ Installation**

Rinnai has more than 200 distributors and more than 12,000 certified installers throughout the United States. Rinnai tankless water heater is installed by certified Rinnai installers to assure proper installation and service. As a responsible supplier to consumers, every prospective installer must go through an installation training class before they are approved as a Rinnai certified installer. In addition, every installer must comply with state requirements for contractors.

Rinnai's website ([www.foreverhotwater.com](http://www.foreverhotwater.com)) includes a searchable database that will easily assist with locating the nearest distributor to a consumer. Each distributor should be able to refer customers to certified installers nearby.

### **Established Company**

Rinnai Corporation is the largest gas appliance manufacturer in the world. Established in 1920 as a manufacturer of gas and oil appliances, Rinnai has expanded its business line and today offers a wide range of appliances for home including kitchen appliances, water heating systems, heating and air conditioning units as well as products designed for similar commercial use. The company built its reputation based upon its achievements in technological innovation, manufacturing efficiency, quality and safety.

Rinnai's US operation, located in Peachtree City, GA, is responsible for the marketing and distribution of Rinnai Corporation's innovative products in North America. Since its inception in 1975, Rinnai's US product line has grown from distributing spa heaters to marketing and distributing today's extensive product line that includes cooking products, direct vent ductless furnaces, vent-free fan convectors, cooking products, commercial water heaters, and the Rinnai water heating systems.

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