



# Introducing the geyser™

Hot Water Naturally



Introducing the GEYSER®, the unique heat pump water heater from Nyle Systems. Heat Pumps are the most efficient way to heat water and the GEYSER® is an add-on unit that can be used with your existing tank. The GEYSER® will save you an average of 50% - 65% over the operating costs of the tank water heater. It is a great choice for saving money and reducing energy use.

The GEYSER® is made by Nyle Systems in Brewer, Maine and just like “Old Faithful” in Yellowstone National Park, it is a natural and renewable hot water source that will prove reliable for years to come.

#### How does the Geyser work?

The GEYSER® is suitable for most storage tank water heaters from 40 gallons to 120 gallons. Heat is pulled from the surrounding air and, utilizing the heat pump technology, that energy is used to heat the water in your tank. Even the small amount of electricity used to operate the GEYSER® is converted to heat. With an Energy Rating over 2.0, this means that for every unit of electricity used, the GEYSER® produces over two units of heat for making hot water.

As an added bonus, the air surrounding the GEYSER® is also being dehumidified. This reduces household mold and mildew, possibly allowing you to switch off your dehumidifier and further increasing your savings.

#### Is the Geyser difficult to install or maintain?

The GEYSER® is fast and easy for your plumbing or HVAC professional to install. It connects to your current storage tank, using two water connections and a connection to the thermostat or, in the case of the RO, it has its own temp sensor. It is suitable for any regular household electrical outlet. No special electrical wiring is needed.

The GEYSER® is built to provide years of reliable hot water heating for you and your family. Durable powder coated steel cabinet and high quality components manufactured in the United States mean quality and reliability. The unit comes with a 6-year limited warranty. Maintenance is as simple as periodically cleaning the air filter provided on the unit.

**nyle**  
systems

For more information please visit:

[www.nyle.com](http://www.nyle.com)

email: [info@nyle.com](mailto:info@nyle.com)



\*The average annual savings versus electric in the Northeast are **\$438**, due to the higher electric rates in the region.

**National Average Annual Savings when using the GEYSER®**

VS

Electric Water Tank	\$311/yr*
Propane Water Tank	\$452/yr
Natural Gas Water Tank	\$16/yr
Oil Water Tank	\$450/yr
Tankless (Electric)	\$293/yr
Tankless (Gas)	\$29/yr

Data Source: Department of Energy www.doe.gov. Based on national average energy prices, January 2011. Note that regional energy prices vary wildly!

To maximize savings we have created two different versions of the Geyser, one to connect with electric tanks, and one with most other tanks:

Geyser Model	Applications
Geyser R	All electric water heater tanks.
Geyser RO	Most tanks, including: <ul style="list-style-type: none"> <li>- Electric water heater tanks</li> <li>- Oil and gas fired water heaters</li> <li>- Solar water heater (back-up)</li> <li>- Storage tanks</li> <li>- Many Boiler Mates</li> </ul>

For the Geyser RO installation with a boiler mate, please call us to determine what the preferred method of installation is to your tank. Tel: 800 777 6953 ext 210; or email: info@nyle.com

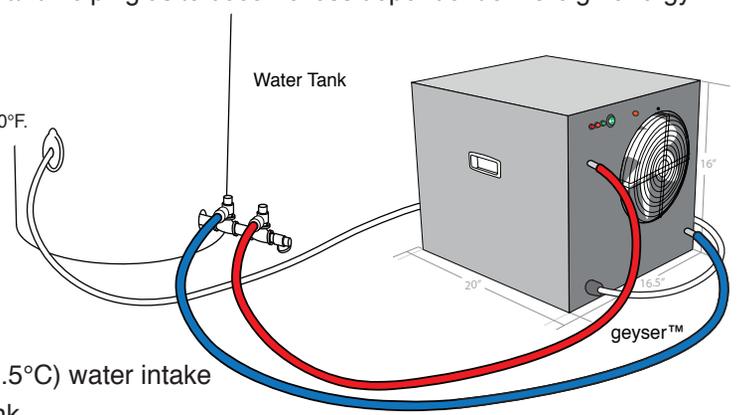
**Key Features and Benefits**

- > Saves 50%-65% on the costs of running an electric water heater.
- > Savings are measured at a tank temperature of 135°F and an ambient air temperature of 67°F.
- > A lower tank temperature (default setting is 120°F), or a higher ambient temperature will increase savings further.
- > GEYSER R and RO are designed for a minimum ambient temperature of 45°F (indoor units in most climates).
- > The air surrounding the GEYSER® is being dehumidified in the process, possibly allowing you to switch off your dehumidifier.
- > No need to buy a new tank. Designed to be installed with existing water heaters.
- > Can be disconnected and reinstalled with a different tank, in case you move or change tanks.
- > Easy, professional installation.
- > Reduces the energy use by 50%-65%, helping the environment and helping us to become less dependent on foreign energy.
- > Vented Heat Exchanger to meet local and national codes\*

\*Vented heat exchangers are required by UL and national/local codes to prevent the leakage of refrigerant into potable water supplies.  
 Note: Your Geyser is most efficient when operated in ambient temperature range of 50°F to 120°F.

**Product Specifications:**

- > Actual BTU output 6,275 BTUH.
- > EF rating: 2.01.
- > Temperature Setting: adjustable up to 140°F (60°C)
- > Sound Level: 60 dB on average at 3' distance.
- > Recovery rate: 12.75 US Gallons (48.3 Liters) / hr. at 58°F (15.5°C) water intake
- > First hour rating: 62.5 gallons when connected to 50 gallon tank
- > Suitable for any regular household outlet (110V/60hz; draws 5-7 amps)
- > GEYSER R and RO are QPS listed as in compliance with UL and CSA standards.
- > Dimensions: 16.5" wide, 20.0" deep, 16.0" tall.



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