www.EagleSunSystem.com

A Smart Investment:

- Why rent your monthly energy needs when you can **own a lifetime of free hot water?**
- An EagleSun System provides **energy independence**. Though energy costs continue to rise at increasingly rapid rates, you will be protected.
- Your EagleSun System will immediately **reduce your current energy expenses**, in some cases, up to 38%. The more you use your EagleSun System, the more money you save.
- **Federal and State government tax credits are available** to reduce your installation costs. Some local utility companies provide incentives, essentially, paying you to stop using their product. (eaglesunsystem.com)
- **Take responsibility for improving the environment** for you and your family by taking advantage of a renewable energy source without sacrificing comfort.
- Solar Thermal is recognized as **the most efficient renewable technology**.
- **Support the U.S. Economy:** Renewable Energy Companies are the fastest growing sector of the modern American economy.

Contact Your Local Dealer

Your Authorized Dealer will provide you with a job survey and site analysis to assure proper placement and Installation.

See
the difference,

Feel
the difference,

Make
a difference.

Since 1975, Alternate Energy Technologies, has designed solar water heating systems that produce 80 to 4,500 gallons of hot water a day. AET manufactures and uses equipment that is affordable, reliable, maintenance-free and is rated highest in efficiency. These fully automatic systems are easy to install and may adapt to your current system. They are made of the finest quality materials for maximum performance and durability. Products and workmanship are 100% guaranteed.

The Most Noticeable Difference…
Lower Energy Bills!

Closed Loop Systems

Closed Loop Systems a are a type of system, sometimes simply referred to as "indirect," because the sun, through a roof-mounted collector, heats fluid circulating in a closed off solar loop which never comes in direct contact with usable water stored in an insulated tank.

Indirect Pressurized Series
For freezing climates

Indirect Pressurized System Features:

- Accommodates climates where freezing weather occurs more frequently.
- A Differential Control senses temperature differences between water leaving the collector and the coldest water in the bottom of the storage tank. When the temperature of the water in the collector is hotter than the water in the tank, the differential control operates the circulating pump.
- A heat exchanger is located within the storage tank to maximize the heat transfer from the antifreeze solution to the coldest water in the storage tank.
- A small photovoltaic solar panel option which generates electricity from the sun) is available to operate the circulation pump, further reducing traditional energy consumption.

The more you use your EagleSun™ System, the more energy you save.

EagleSun™ Systems provide all your hot water needs for every season, even on cloudy days, by using clean, renewable solar energy. It is the only household appliance to pay for itself several times during its useful life. EagleSun™ Systems help save the environment as they save you money. Your energy bills will decline drastically and immediately as you enjoy the comfort of Solar Hot Water every day.

System Features:

- Attractive Skylight Collector Design
- 30+ Year Design Life
- 10 year limited collector warranty
- Electrical Backup
- Conforms to all Plumbing, Electrical and Solar Standards.
- Exceeds Energy Star Criteria and Delivers maximum credit toward Energy Efficiency Compliance.

Drainback Series
For any climate

Drainback System Features:

- Removes all water from the collectors, and their pipelines to ensure they never freeze when the system is not producing heat (drain mode). Each time the pump shuts off, the water in the collector(s) and piping, which are mounted at a slight angle, drains into the insulated reservoir tank.
- A Differential Control senses temperature differences between water leaving the collector and the coldest water in the bottom of the storage tank. When the temperature of the water in the collector is hotter than the water in the tank, the differential control operates the circulating pump.
- Less moving parts allows for fewer maintenance concerns.

Methods of Heat Exchange

"DB" System – (heat exchanger in storage tank) - The heat exchanger wraps around the perimeter of the storage tank, heating the potable water in the tank.

"DX" Drainback System - (heat exchanger in Drainback reservoir) drainback reservoir contains a built-in heat exchanger. As the heat transfer fluid is circulated through the solar collector loop, simultaneously, water is circulated from the hot water tank through the finned coil heat exchanger inside the reservoir.