

# SUN EQUINOX HEATING SYSTEMS



## A Summary of the Sun Equinox Heating System





Solar Usage Now's manufactures one of the most efficient made commercial hot water systems on the market. It works in conjunction with a tankless heater(s) or supplemental heating source to store BTUs in 1 to 16 thermal storage tanks. The system comes pre-fabricated and is plug and play when it gets to the job site. The corrosion resistant, non-pressurized, legionnaires disease free tank comes with a 20-year warranty and 40-year life span. It can be an excellent pre-heat to a boiler or replacement, while delivering on-demand domestic hot water to its end users. The average ROI is within 3 years of installation and can reduce annual energy cost up to 30%.

1. Get a Quote – Have a Sun Equinox engineer size your water needs and get a quote directly from the manufacture
2. Installation – Once the pre-fabricated unit arrives, trained and licensed professionals install system with minimal time and effort
3. Reap the benefits – lowered energy bills, short ROI, low maintenance, hygienic on demand hot water supply

### WHY IS SUN EQUINOX NEEDED?

The cost of energy will undoubtedly go up. The process to heat water is the 2<sup>nd</sup> highest utility bill<sup>2</sup>. A boiler reheats 1000s of time but not every time is the water used. Tankless heaters only heat when used. Let us take it to the next level by storing BTUs for future use. The SUN Equinox ups the ante by supplying an on demand hot water supply and minimal standby lose which will save hundreds to thousands of dollars year after year. **SUN EQUINOX**

### MARKET ACCEPTANCE

-  1000's of installs worldwide - Hotels, colleges, apartment, hospitals military bases, and restaurants
-  International Association of Plumbing and Mechanical approved
-  Eligible for local, state, and federal tax credits and grants
-  Qualifies for LEED points under minimum energy performance and renewable energy

### THE BENEFITS OF USING SUN EQUINOX

- **Decreased energy use:** Lower energy bill and lower carbon emission
- **Increase hygienic water:** On-demand hot water supply; no stagnate water in this "Sanicube"
- **Decreased maintenance:** Lower maintenance cost over long lifespan. Fewer moving parts is better!

### THE COSTS & SAVINGS USING THE SUN EQUINOX SYSTEM

- Average new boilers are rated 85% efficient<sup>1</sup>. Over time they will easily drop to 60% efficient long before a replacement is needed. This means for every \$1.00 spent toward water heating only \$0.60 is used and \$0.40 is lost to the inefficiencies. The Sun Equinox system holds its efficiency for the life of the manufacture warranty
- Local, state, and federal incentives or rebates available. Visit [www.dsireusa.org](http://www.dsireusa.org) to find out more
- Proven high internal rate of return and short return on investment

### INSTALLATION AND COMMISSIONING

- All systems are pre-engineered and pre-fabricated at the manufacturer to ensure easy an installation
- Plug and play design to easily integrate with existing systems as preheat or boiler replacement
- Trained professionals to install and commission Sun Equinox Heating System

### OTHER BENEFITS OF THE SUN EQUINOX HEATING SYSTEM

- Lime scale free - The Sun Equinox system does not build lime scale unlike common place water tanks who do. As corrosion accumulates in standard boilers, efficiencies drop while energy bills climb unlike the SUN Equinox.
- Anti-Legionella Tank – Since the end user never uses the water in the tank but uses the on-demand water pushed through the coils, the Sun Equinox system is bacteria free environment.

### References

1. <http://energy.gov/energysaver/furnaces-and-boilers>
2. <http://energy.gov/energysaver/tips-water-heating>

Solar Usage Now, privately owned and located in Hamilton, Indiana 40 minutes north of Fort Wayne and was formed in 2006. Solar Usage Now continues to maintain and develop new sustainable life products to distribute both domestically and internationally including but not limited to solar collectors, hydro and aquaponics systems.

Its parent company Our Country Home was formed in 1985 and serves the retail store

fixture arena. OCH remains family owned and operated.

