

What ZeroEnergy® Is and What It Does

- **The ZeroEnergy® Water Heating System recovers wasted heat** while the AC or Heat Pump system runs, using it to provide free hot water to the existing water heater. This eliminates or significantly reduces the need for the water heater to turn on. It does this in the cooling mode for straight AC systems, and both cooling and heating modes of Heat Pump (HP) systems.
- **ZeroEnergy® is a Thermosyphon Heat Recovery Unit** which works by the principals of physics: hot water rises and is fed into the top of the water heater, pulling relatively cooler water from the bottom of the water heater back into the unit. Free hot water continues to be produced by the ZeroEnergy® as long as the AC or HP is running.
- **ZeroEnergy® is a completely passive system:** It requires no electrical input and has no pumps, sensors or controls that can fail. Thermosyphon pumping action continues the flow of hot water when as your AC or HP system operates.
- **ZeroEnergy® is located inside next to the hot water tank** and, therefore, will not freeze. It also works with all refrigerant types.
- **ZeroEnergy® will not void warranties** of HVAC or water heater systems.
- **ZeroEnergy® works with commercial** package AC and HP systems as well.
- **Installation** is by licensed contractors with permit required: check local jurisdiction.

***Visit our website for
frequently asked questions
and additional information.***

**OliveTreeEnergy.com/FAQS
(813) 978-3733**



ZeroEnergy® Cost and Benefits

- The installed cost is less than or comparable to tank-less, about 1/3 of the cost of solar, and less than a heat pump water heater. However, when comparing cost to benefits, **ZeroEnergy® outperforms them all!**
- **ZeroEnergy® benefits:**
 - **Increases AC efficiency and useful life** of host AC or heat pump systems by creating cooler/lower pressure operating conditions.
 - **Saves up to 80% of water heating costs** for a homeowner depending on family size, lifestyle, AC or HP system type, cooling/heating run times, etc.). Large savings can also occur in commercial settings where more hot water is used.
 - **Increases hot water capacity:** Produces from 8 to 20 gallons of 50° rise hot water/hour of AC system run time (depending on AC size).
 - **Reduces scale in Water Heater tanks** due to elements turning on less often and enhances capacity by providing hotter water than the water heater produces.
 - **Very low life cycle cost:** The lowest of any water heating device, PLUS the longest warranty (10 years) of any water heating system.
 - **Helps the environment:** Reduces carbon footprint through greenhouse gas emissions reduction (CO2, smog, acid rain elements) through lesser energy usage: Over 3 tons saved per year per unit!



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