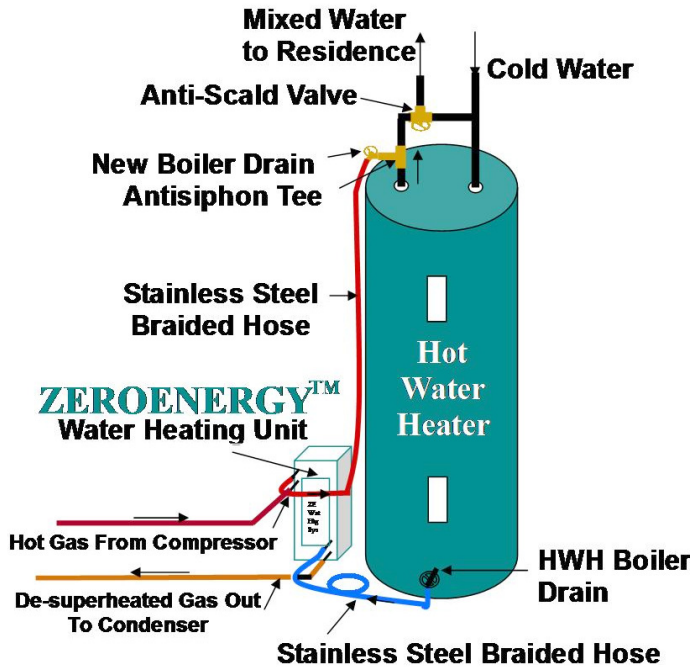


ZeroEnergy Hot Water System – A Heat Recovery Unit



This innovative heat recovery unit (HRU) utilizes the waste heat from air conditioning systems to heat water (a well known concept) for both residential homes and commercial business applications. However, unlike all other HRU's, its revolutionary new design allows it to have no pump and be located inside next to the water heater (as opposed to outside like traditional HRU's). Thus, it requires zero electrical power, zero maintenance, and it has zero freeze potential in cold temperatures. In addition, the ZeroEnergy water heating system works with all high efficiency HVAC systems, improves the efficiency of any AC system on which it is installed, and won't void AC manufacturer warranties. Overall, it can save an average of 60 to 90% of normal hot water heating costs, which are typically one of largest components of utility costs for users of hot water (second only to AC usage).

The ZeroEnergy water heating system outperforms all other water heating systems. It has the highest coefficient of performance, the lowest overall life cycle cost for any period of time measured, and a super quick payback on investment of 1 to 4 years (depending on application – faster for commercial). By comparison: A tank-less system saves only the tank heat loss (8% to 15%) with the same or higher installed cost and pays back in 8 to 12 years. A solar system costs 3 to 4 times (or more) to install and pays back in 12 to 20 years. It also has lesser slightly lesser hot water heating cost savings of 50% to 70%, unsightly panels which penetrate the roof and need to be cleaned periodically, pipes through the structure (risk of water damage if leaks) and an electric pump that requires electric power and which can fail. A heat pump water heater saves about 40% but has added mechanical equipment requiring future maintenance.

Moreover, since all of these types of systems still provide some benefit, if one already has such a system, the ZeroEnergy system can be installed in tandem with any of them for even greater hot water cost savings. Just one unit installed on the typical home will reduce greenhouse gas emissions by over 4 tons per year or more, and 80 tons or more over the product's estimated usage lifetime for the average installation. Quite simply, the ZeroEnergy water heating system is the "greenest" hot water heating device in the world.