

Solar Hot Water

Solar Water Heating

Solar hot water heating is a great way to solve your home and business hot water needs

Solar water heating has always been the best way to get the most solar energy for the least cost. And with our new exciting line of solar water heaters and Federal Tax Incentives (30%), solar water heating has become more efficient and affordable. Your water heater is probably the most expensive appliance in your home. These systems give you the opportunity to make a valuable improvement to your property that pays you back at a rate greater than virtually any other safe investment.

Our mission is "to provide and cost effectively supply the latest solar water heating technology around the world." To do that we knew we had utilize various designs and manufacturers of solar water heaters that were much more attractive, significantly easier to install as well as more affordable.

Unparalleled efficiency is achieved with new technology embedded in this panel called multi-flow collection and our superior Black Chrome Selective Surface. Traditional fin and tube collector design means that there is a limit to the number of risers that can be effectively incorporated in the panel, generally 14 or less and typically less than 10. Therefore, there is a limit to the water way surface area exposed to the sun's energy.

With our multi-flow design, we use 35 risers (rather than 14) to extract the maximum amount of energy from the sun. A cross section view (left) shows that our fully flooded multi-flow collectors (top) expose far more water to the sun's radiation, meaning this energy has a relatively short distance to travel to reach the water, when compared to traditional fin and tube designs (bottom).

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