

Eliosolar Hybrid Architectural Shades

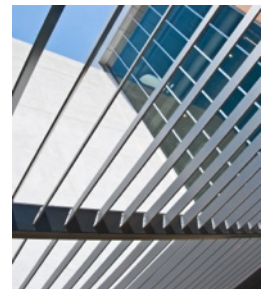
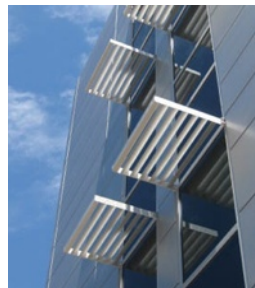
Protect from the sun + Capture its energy...

Eliosolar Hybrid Architectural Shades, selected by **Architectural Record** as one of the best new product offerings of the year, are patented **architectural sun control** and **shading devices** (Sunshades, Facade sun shields and Canopies) that contain an integrated invisible **solar thermal collector**.

Hybrid Shades protect from the sun by providing shade while capturing the sun's energy to generate free solar hot water.

Focusing simultaneously on aesthetics and functionality, Eliosolar products offer an innovative solution for builders and owners concerned with sustainability, energy efficiency and the architectural design integrity of their buildings.

Sunshades, Facade Sun Shields and Canopies



Architectural, Green, Economical...

Looking to improve or create architectural curb appeal for your properties? Interested in saving energy to lower your operating costs while reducing your carbon footprint?

Eliosolar Hybrid Architectural Shades represent a smart way to achieve these goals while offering many benefits:

- **Architectural**: custom manufactured to architect specifications or available in standards designs, in a choice of styles, shapes, sizes and colors; integrate seamlessly in the architecture of the building, a solution to unsightly alternative energy systems.
- **Green**: save cooling and heating energy, by combining a passive solar system (shading) with an active solar system (solar water heating); will contribute a significant amount of LEED points to your new construction or renovation project.
- **Economical**: our products cost less. Unlike sun control devices from other manufacturers, they are eligible for Federal and States energy tax credits and incentives, immediately reducing your initial investment by 30% to 50%. In addition, they will pay for themselves over time thanks to the energy savings generated (ROI and payback calculations provided with each project).
- **Wide range of applications**: Multi-residential (apartments), Commercial (hotels, hospitals), Institutional (schools, military)...

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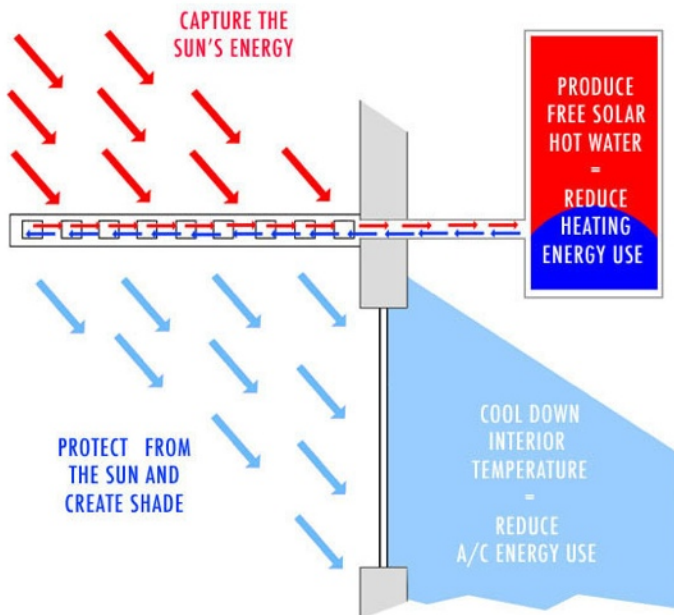
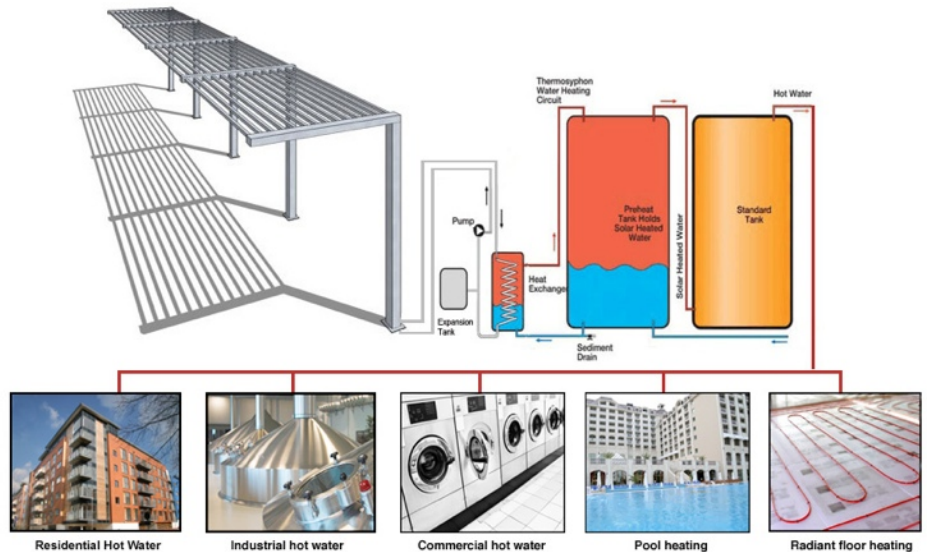
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How it works:

Free Solar Hot Water

The **integrated solar collectors** contained within the Thermal Shade Structures harnesses the sun's energy, transform its radiation into heat, then transfer that heat to water to generate **free solar hot water**.

Buildings with large areas of solar exposure can meet most of their hot water needs with solar energy by installing the appropriate surfaces of Hybrid Shade Structures over windows, walls and common areas.



Pay back your investment over time with energy savings

Save Heating Energy With Solar Water Heating

Based on a number of factors such as location, insulation and orientation, a thermal solar system can preheat up to 80% of the hot water needed for residential, commercial and industrial consumption, pool heating or radiant heat flooring, resulting in corresponding electrical and gas heating energy savings.

Save Cooling Energy With Shading

Shade over large windows or wall areas, by reducing the interior temperature of a building and the need for air conditioning, can lower electrical expenses dedicated to A/C by up to 35%.

Energy, Pay Back and ROI analysis are provided for each project.