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Many people want solar hot water but are overwhelmed at the choices available. Many people know flat panels, but because of them being a fixed position, they only collect solar energy on the south of the roof. Therefore you are lucky if you are able to collect thermal energy for more than 3 hours a day. With that amount of energy collected you are lucky if you are able ...

It can work as a stand-alone solar thermal energy system and provide 45 KW thermal heat for the solar desalination process. ... Since 2010 Solartron Energy has achieved the first ever globally certified thermal 4.5 meter dish (2011), ...

Solartron Energy Systems Inc. has developed the world's first affordable system for solar hot water & photovoltaic electricity production. ... Since 2010 Solartron Energy has achieved the first ever globally certified thermal 4.5 meter dish (2011), increased efficiency with the 7.5 meter dish (2013), and now in 2016 set the record for the ...

Now there is a surge in interest in solar thermal systems and other clean energy technologies and Solartron Energy Systems is poised to lead the way. history, ... Since 2010 Solartron Energy has achieved the first ever globally certified thermal 4.5 meter dish (2011), increased efficiency with the 7.5 meter dish (2013), and now in 2016 set the ...

Solar heating systems are an economical (and green) technology that is rapidly becoming recognized as a viable alternative to conventional energy suppliers. Nowhere is this trend more prevalent than in the adoption of solar heating systems to provide continuous hot water production for use within commercial installations. An efficient commercial solar heating ...

The most efficient method for solar hot water in hotels is through the SolarBeam Concentrator by Solartron Energy Systems. This system is a parabolic concentrator with dual-axis tracking capabilities. ... Since 2010 Solartron Energy has achieved the first ever globally certified thermal 4.5 meter dish (2011), increased

efficiency with the 7.5 ...

The Canadian company Solartron Energy Systems installed the first nine Solarbeam Concentrator collectors. The subsidiary of the Canadian company EG Energy Controls was founded two years ago, to launch and ...

SolarTron Energy Systems Inc. is a clean-tech company with headquarters in Halifax, Nova Scotia, Canada. We specialize in mechanical, optical, and electronic engineering. With our expertise, we have designed the most efficient and economical solar parabolic solar concentrator for use in utility and industrial CSP (concentrated Solar Power) for solar power plant applications.

Another application of similar technology is the SolarBeam parabolic concentrator from Solartron Energy Systems. It uses a single dish, tracking the sun on two axes, to focus the solar thermal energy onto an absorber approximately 10"x10". The device is significantly smaller than industrial solar furnaces, but operates on the same concept.

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Solar hot water systems exist in many variations and styles. At the core of all these systems, there are distinct similarities. The obvious one, is that they all are designed to transform the radiant energy of the sun, beaming down across the earth each day, into usable heat energy. The heat energy can be used for many purposes; domestic hot water for ...

One company, called SolarTron Energy Systems, has developed a solar hot water system that has a photovoltaic module that can be added later to create up to 3.5kW of electricity. Research and development of new technologies for energy is constantly developing, improving design and components to make alternative energy systems more efficient.

Solartron Energy Systems Inc products and equipment for Solar Energy. Including SolarBeam - Model 7 Meter - Hybrid Parabolic Solar Concentrator (Solar Dish), AquaP& #363;r - Solar Powered Reverse Osmosis Water Plant.

The SolarBeam Concentrator is the newest advancement from Solartron Energy Systems, a global high tech company based, we are proud to say, in Amherst, NS. The SolarBeam is a remarkable solar hot water system that tracks the sun to create free solar hot water. Solartron recently installed a SolarBeam at the fire station on Knightsridge Road, ...

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