



Line focus solar collector for sale ghana

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Supply your domestic hot water and heating requirements with the SunnyLine solar thermal collector. Available in 2 sizes to suit a wide variety of properties, these slim line solar panels include a 10 year guarantee for longevity. Reduce your energy costs and improve your home's efficiency with SunnyLine solar thermal collectors!

Why the structure of the collector should be important to you: because environmental influences such as wind, rain, dirt, UV radiation, snow loads and extreme variations in temperature are active on the collector over a period of decades.

Duane's RedRok site is information central for DIY Heliostats and concentrating solar collectors. There are good designs here that can be built on a budget and without exceptional mechanical skills. The site can be a bit of a challenge to find stuff on, but its worth the effort. A parabolic trough solar collector you can build George's website with information on the parabolic collector and other interesting projects...

George's very clever parabolic collector cleaner... A very nice set of ganged, parabolic, tracked, concentrating collectors used to heat water. Can be made with common shop tools. George has just released a generation 2 version of plans and documentation for his collector system. Its a major update that includes design changes, more detail, lessons learned and more. It is an exceptional set of plans and a reference on concentrating collectors. These were .my thoughts on the first version -- the 2nd version is even more impressive.

Looks like a very simple, buildable, well thought out design. Manual Making of a Parabolic Solar Collector, Gang Xiao, Laboratoire J.A. Dieudonné, Université de Nice, Nice France Manual Making of a Parabolic Solar Collector... (pdf) Quite a detailed set of instructions on how to build this parabolic trough style solar collector by warping a thin flat mirror sheet into a parabola. Lots of detail. Solar Fire Project

Solar Fire provides detailed plans and how-to instructions for building three different sizes of concentrating solar collectors. The materials are easily obtainable and the design is simple and straight forward -- the concentrators can be made with readily available materials and simple tools.

The Helios collector provides about 3 KW output and temperatures up to 950C. Several potential applications are discussed. Inflatable Heliostat Download full report pdf (3.5 mb) Mithra and Gary Mithra (the inventor's) website: Another interesting inflatable idea ... An experimental, low-cost heliostat design that uses air pressure to focus and support the mirror. Home Made Solar Water Distiller

This is an interesting design for solar water distiller. I've included it in the concentrating solar collectors are because the mirror design is interesting and simple, and may have variety of concentrating solar applications. Roasting Coffee on Sunshine How to get articles from Home Power ... Issue 105 Home Power Magazine How



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to build a 1200F solar coffee bean roaster.

"Teton Engineering's Tracking Solar Concentrator is an array of 116 mirrors, one square foot each mounted on a framework and arranged to reflect sunlight on a "collector", figure 1. The concentrated sunlight can raise the collector temperature to about 1200F"

A concentrating Fresnel mirror.Used as a solar cooker here, but might be used for other concentrating applications. Scheffler Concentrators -- Large, Concentrating Cooking Collector with Storage Barli Development Institute

Good description of Scheffler Reflector Design: David Delaney article on the Scheffler heliostat cooker design... These Scheffler heliostats concentrate the sun onto a fixed cooking vessel, or onto a heat storage device that provides for cooking after sunset. This type of concentrator can be built with common materials and ordinary skills. The daily tracking can be by a simple clockwork mechanism, and seasonal tracking can be manual. The Ultimate Solar Cooker ...

An easy to make tool for drawing parabolas as used in concentrating collectors. Compact Linear Fresnel ReflectorA concentrating scheme using flat or nearly flat mirrorsFull size prototype test (pdf)

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