



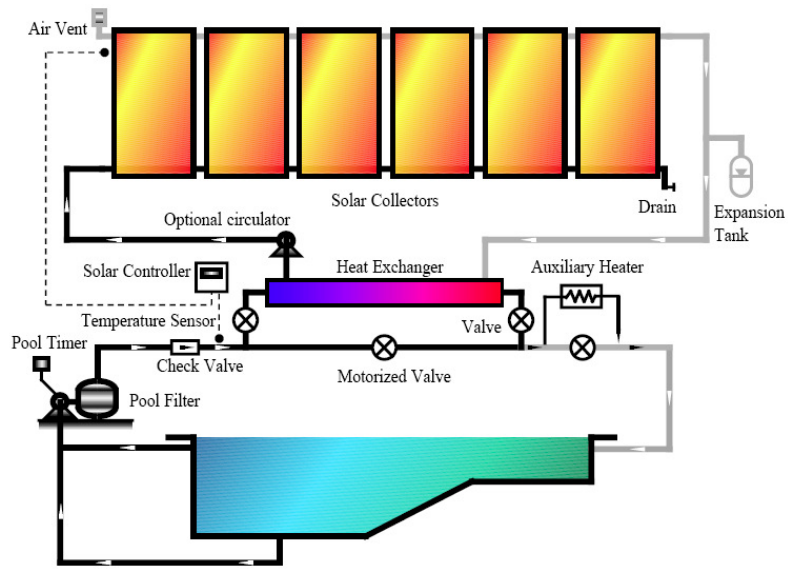
Closed Loop Solar Thermal Pool and Hot Water Heating System

Solar pool heating is one of the most cost-effective applications of solar energy. It is relatively simple to integrate a solar water heater since most pools already have a pump, filter, and plumbing. With a solar energy system, the pool's water is pumped through the filter and then through a solar energy collector(s) instead of directly back to the pool. The sun heats the water in the collector before it returns to the pool.

Solar pool heating can be used for residential, commercial, or community swimming pools. The typical application for a closed loop solar pool system is for an indoor pool. The advantage of the closed loop solar pool heating system is that the plumbing can easily be arranged to accommodate dumping of surplus heat during the summer and other times to the domestic water system or space heating system.

Year round pool heating (for colder climates) requires a collector area of approximately 80-85% of the pool surface area.

To provide an accurate assessment of system sizing and associated price, Recap conducts a study of the particular installation site. Recap's solar pool heating design process involves system sizing, component selection, and arrangement of required hardware as well as a complete summary of installation costs and savings to the operator including government incentives (rebates up to 50% for municipal, commercial and industrial installations) available to decrease the cost of the system. The payback on these systems is very fast making this technology a good, clean investment.



For More Information about these and other alternative energy and heat systems contact:

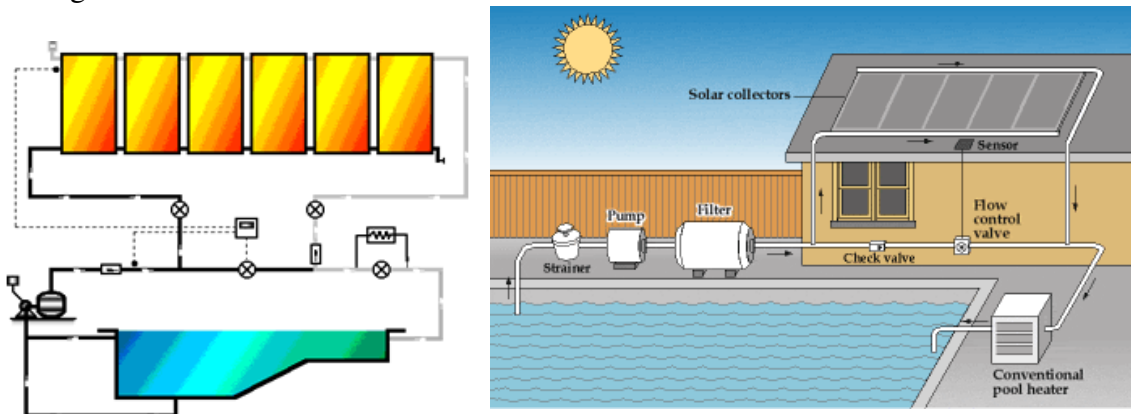
Recap Power Works Inc.
Brian Pasquill, CEO
Cell: 250-218-1827
brian@pasquill.net



Outdoor Seasonal Solar Pool Heating System

The typical application for an open loop solar pool heating system is for seasonal outdoor pool requirements. The system involves plumbing a group of solar collectors in series with the existing heating system.

For seasonal pool systems operating in colder climates between the months of May to September, with an average desired pool temperature of 78-80°F, a collector area that is 40-45% of the pool surface area is required. This estimate assumes that the pool is in-ground, has an insulated liner, and that a pool blanket is used to reduce heat loss when the pool is not in use. If the system is sited and operated properly, the auxiliary heater need not be activated. More collectors may be required to capture sufficient heat for a typical above ground installation.



Since this is a seasonally (May-Sept.) operating system, 100% of the required energy could be supplied by the solar collectors due to the high solar gain during those months. In winter months when the pool is not in use the collectors can be routed to provide hot water to other household uses.

Recap's solar pool heating design process involves system sizing, component selection, and arrangement of required hardware as well as a complete summary of installation costs and savings to you, the homeowner. The payback on these systems is very fast making this technology a good investment, while allowing you to get your pool to comfortable temperatures without exorbitant hydro bills.

For More Information about these and other alternative energy and heat systems contact:

Recap Power Works Inc.

Brian Pasquill, CEO

Cell: 250-218-1827

brian@pasquill.net