

# "Going Green"

...Keeping the Earth Clean

## Earth Care Products

(912) 576-4475

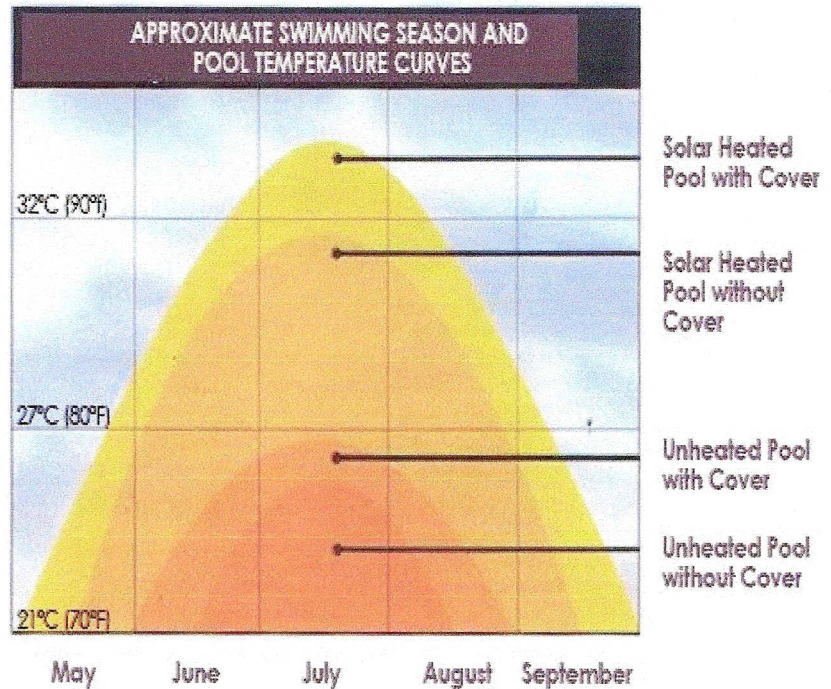
(770) 380-6309

### Deluxe Pool Heater

#### Solar Pool Heaters: Extend the Season with a Solar Swimming Pool Heater.

Increase the value and enjoyment of any outdoor swimming pool, by increasing the number of days per year that it can be used. Even when used without a cover, a solar pool heater can economically double the number of swimming pool days per year.

Indoor solar pool heating solutions for year round use in cold climates are also available, contact us for details.

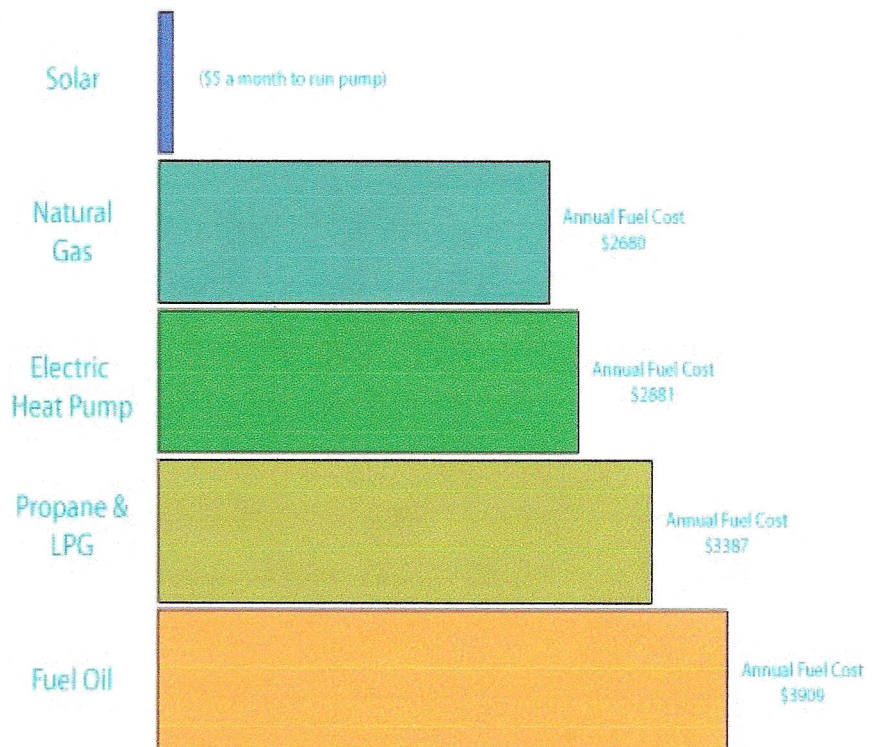


#### A Solar Pool Heater Pays For Itself

With today's rising energy costs, solar is the only thing that makes sense for heating a pool.

Fossil fuel replaced vs.	Solar Heating savings	Payback time on \$3,500 solar heating
Natural gas @\$2.31/therm	\$2680	1.3 years
Propane & LPG @\$2.92/gal	\$3387	1.1 years
Electricity @\$0.113/kWh	\$2881	1.2 years
Fuel oil @\$3.37/gal	\$3909	0.9 years

#### Solar saves on pool heating costs



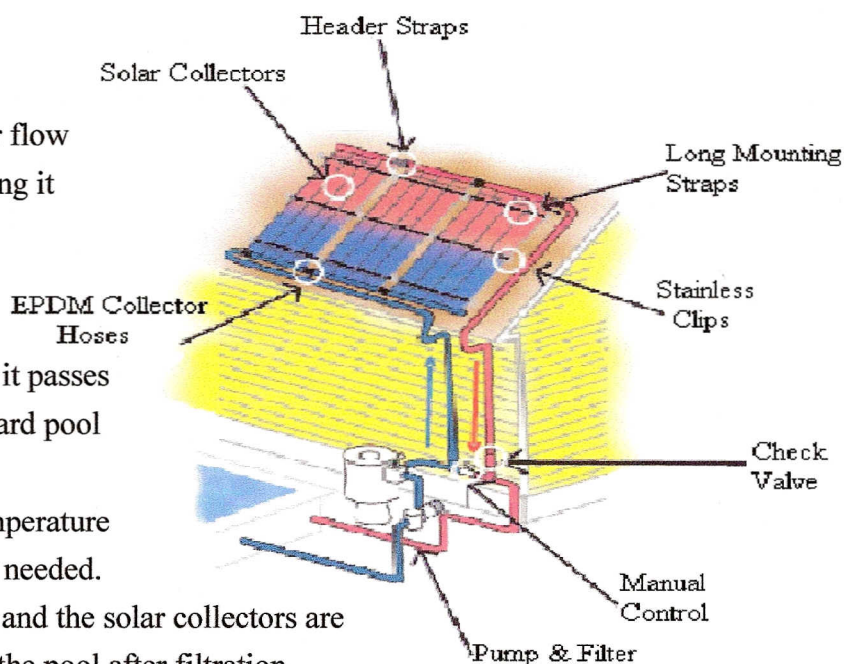
# How Solar Pool Heaters Work

Solar pool heaters are integrated into the normal pool pump/filter system and work by intercepting the water flow after it comes out of the regular pool filter, and directing it through the solar collectors before it is returned to the swimming pool.

The temperature of the water is raised significantly as it passes through the collector array. The system uses the standard pool pump and filter.

To control the the temperature of the pool water, a temperature sensor can determine whether or not additional heat is needed.

When no heat is needed, a diverting valve is activated and the solar collectors are avoided - in that case the water flows directly back to the pool after filtration.



## SPP Solar Pool Heaters Are Manufactured in the USA with Strict Quality Control

### Design

Unlike other panels, we do not use individual "round flow" tubes, instead we use a flat design with square channels\* to allow for the expansion/contraction stress of constant heating, cooling and even freezing of the panels. This design also means that each channel is insulated by the channels next to it eliminating heat losses to wind.

### Materials

Our USA manufacturing plant uses a combination of the very highest quality Polypropylene, Carbon Black and non-depleting UV Stabilizers to guarantee an efficient and durable solar swimming pool heater panel. The ECP solar pool heater panels are more than 30% heavier (they contain about 35% more material) than most other brands insuring higher durability and a longer life, attracting more heat and reducing heat loss.

### Extrusion

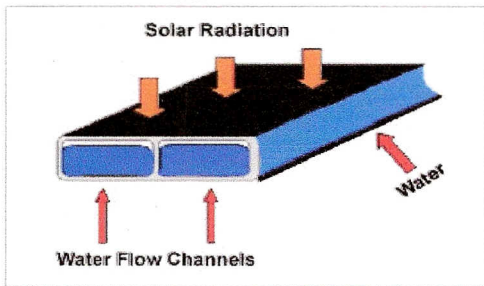
Extrusion is the process of converting the material into a panel form. We have one of the few manufacturing systems that does all of its extrusion in-house. "In-house" extruding gives the assurance that each of our solar pool heating panels meets the highest standards of quality. Also, by using the same material throughout the heating panel (even the weld), we eliminate weak points or uneven expansion and contraction in the finished product.

### Assembly

Once the extrusion is complete, the ECP manufacturing process includes highly skilled technicians and the latest technologies to assemble each solar pool heating panel. The ECP process goes the extra mile by adding a reinforced bead weld to provide additional strength and protection.

### Testing

Before leaving our factory, EVERY individual solar pool heating panel passes a weld, seam, flow and pressure test at 95psi of water (this is more that 10x typical operating pressure). This guarantees a high quality, ready-to-use product every time we ship one of our heating panels.



### 10 Year Replacement Warranty

The above steps insure that our ECP brand solar pool heating panels are of the highest quality in the industry and are ready for use when you receive them. ECP solar pool panels are expected to last 20 years and have a 10-year full replacement warranty. That's right, replacement - not repair. Although our panels can be repaired, we are happy to replace them if there is any problem, even if damaged from freezing.