

# SIMPLY SOLAR

## Thermal Solar Pool Heating.

Heat your pool with thermal solar panels which are known for their great performance and resistance to any conditions, allowing economy on power and thus protection of the environment.

- External frame: Anodized aluminium profile
- Back side: Galvanized sheet - 0,4 mm
- Back insulation: Rock wool 35 mm
- Side insulation: Glass-wool of 20 mm
- Absorber: One piece plate sheet with selective titanium treatment
- Absorber's tubes: Copper pipes, Risers  $\varnothing 10$  & Headers  $\varnothing 22$
- Cover: Solar tempered glass
- Water-tightness: EPDM rubber/transparent silicone



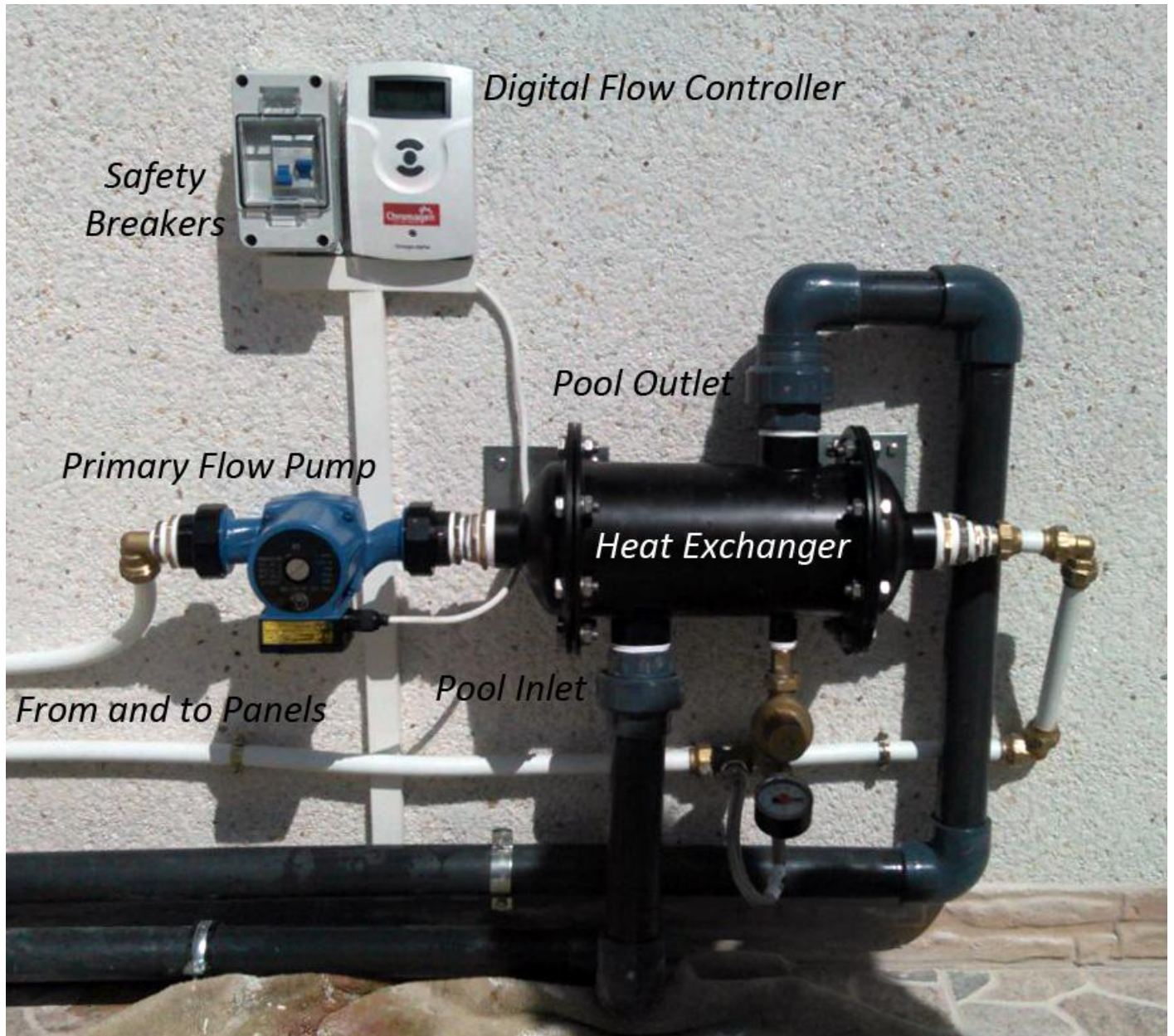
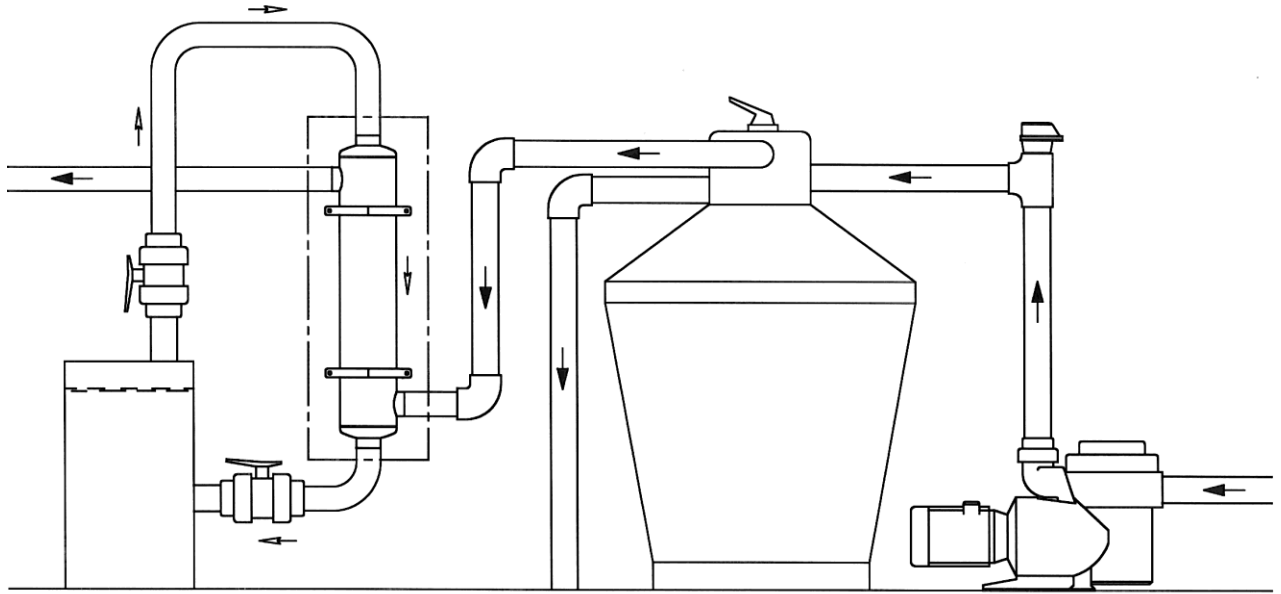
## 20 - 36 kW Titanium Heat Exchangers.



The Heat Transfer Liquid (50% Propilenglicol 50% Water) will flow through the collectors to reach maximum temperature without boiling using a flow control pump. The Tubing used for this purpose is triple layered with an aluminium sleeve for extra strength and temperature conservation.

Only when the system detects that the collector temperature far exceeds the pool water temperature, will the system engage. And when the collector temperature is less than the pool temperature, the system will automatically disengage so as to not cool the pool water down.

The pool water will flow through the heat exchanger placed in the pool housing to maintain the flow circuit as short as possible and to avoid any loss in temperature through the multilayered tubing.







These systems have a proven track record for durability and performance and with a simple periodic safety valve check, system flush and propylene recharge every 2 to 3 years, will function at 100% efficiency and extend your yearly pool usage time for many years to come.



More information at: <http://www.simplysolarspain.com>