WATER STORAGE TANK

Siema solar plants, manufacture water storage tanks system according to the highest international standards, which means that the internal tank is made of either processed black iron covered with a layer of glass, galvanized iron or stainless steel (304,316) as requested.

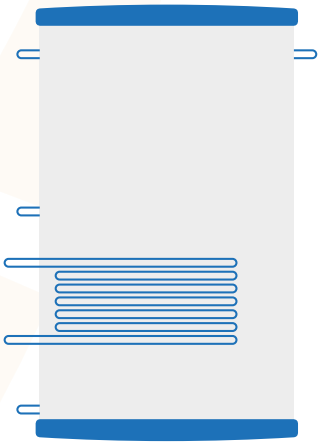
As for the heat exchanger, it is calculated to the highest standards to ensure the efficiency of heat transfer.

The system may be equipped with a single or double heat exchanger, as requested, to meet all requirements such as connecting it with the solar energy system, the system is insulated with foam polyurethane to keep the liquid warm. From the outside, the system is covered with a layer of pre-painted and processed iron at the best standards to enable its use in enclosed or exposed places.

The system is available in different sizes from 100 to 1000 liters, with standard Specification and the ability to manufacture special measurements as requested.

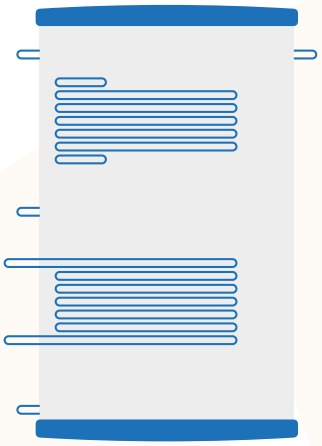
Single Coil Cylinders

Used in separated, indirect (closed loop) system. The hot water heated by the sun is transferred through a pump to the coil of the cylinder that works as exchanger transferring the heat to the domestic water around the coil.



Double Coil Cylinders

As Single Coil Cylinder, it is used in separated, indirect (closed loop) system. The hot water heated by the sun is transferred through a pump to the coil of the cylinder that works as exchanger transferring the heat to the domestic water around the coil. But the cylinder has another coil that can be connected to another source of energy like hot water boilers.



Product specification

1 - The storage tank is made of either processed black iron covered with a layer of glass, galvanized iron or stainless steel (304,316) as requested.

2 - Outer insulation sheet is made of pre-painted treated steel 0.6mm.

3 - Insulation: polyurethane 50mm/60mm.

Main features

1 - Used for closed loop solar water heating systems

2 - Supplies a good quantity of hot water very quickly and at a high temperature

3 - Insulation of the PU foam 50 mm thickness is very effective and has very low thermal conductivity.

4 - Meeting the demand of well-to-do families

5 - Economical goods