



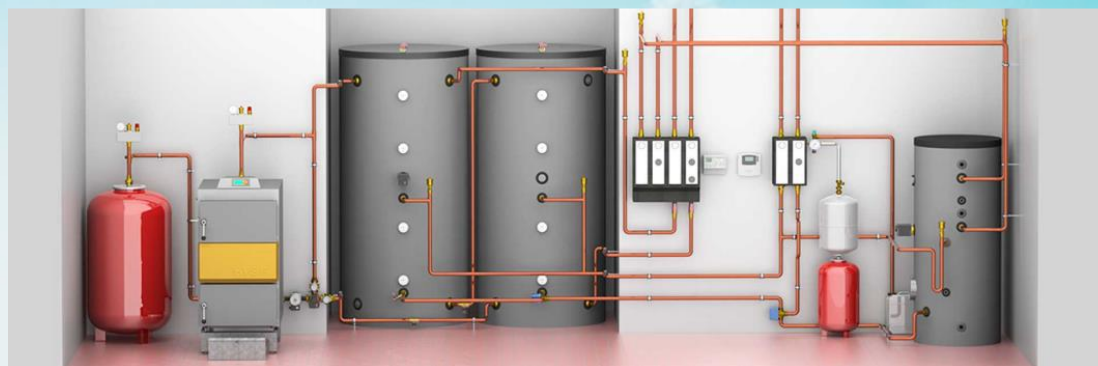
ECO STAR

Engineering Equipment Trading L.L.C

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COMPANY PROFILE



About Us

Eco Star founded in Dubai, United Arab Emirates, a company that values quality and innovation by offering products with only exceptional materials and supply of high quality goods.

Eco Star is an alternative energy solution provider, focusing on solar hot water system and solar power (photo-voltaic solutions) for residential, hospitality, commercial, schools and health care sectors. We take pride in the quality of our products and workmanship,

At **Eco Star**, we aim to deliver the world's most reliable and cost-effective energy solutions to our clients.

Our Vision

To become industry leaders by harnessing comprehensive analytical and technical capabilities. To create and to promote clean energy solutions, as a result providing a comfortable life to the society, through advanced technology.

Our Mission

To improve and safeguard our environment through commitment, expertise and a sense of responsibility. To promote clean energy solutions with the help of advanced technology without compromise on Quality, Transparency and Trust, to our target customers.

Our Core Values

Focus on our customer's need – Conduct business with integrity & fairness.

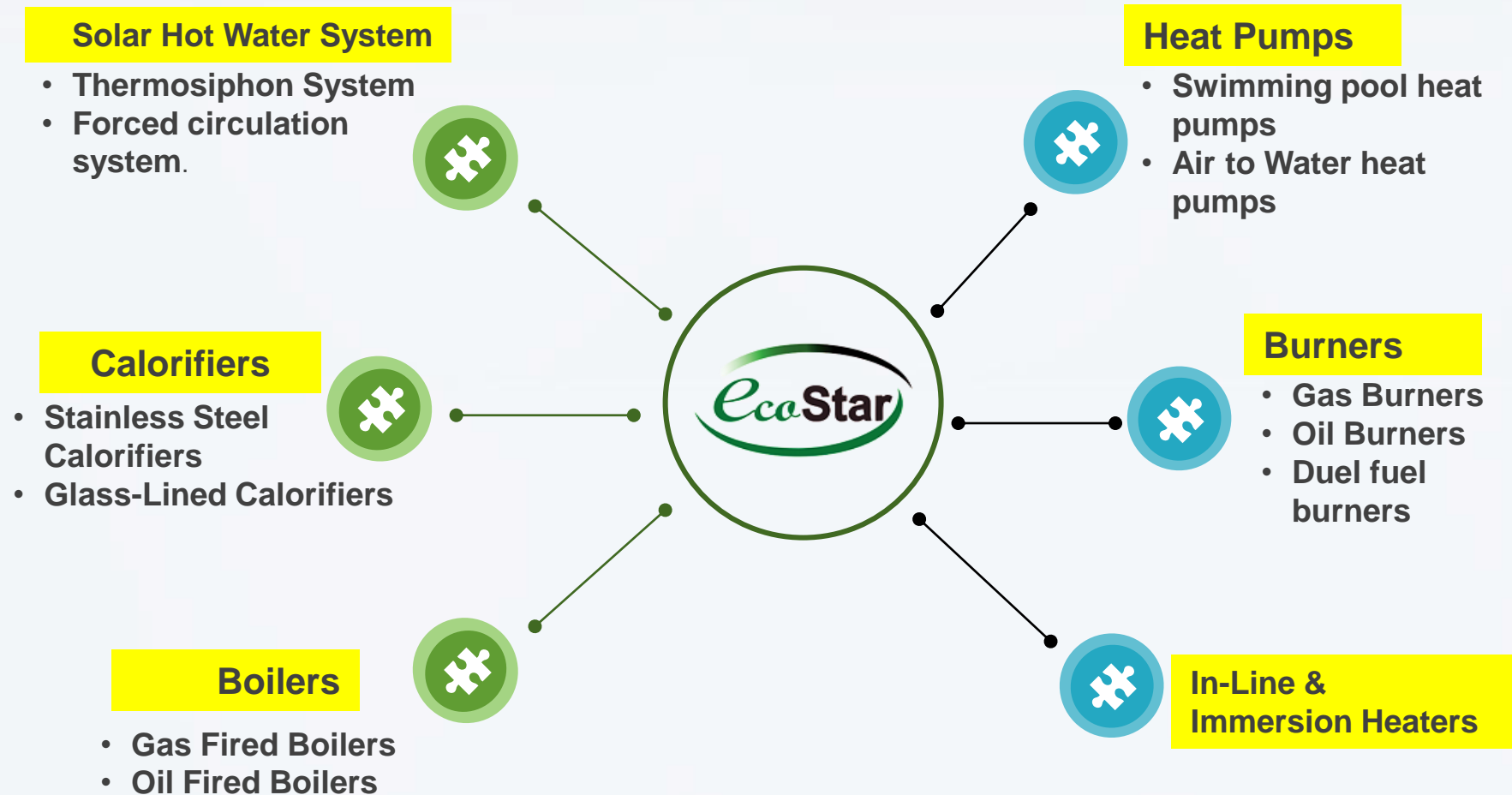
Provide quality products and service.

Continuously train employees and improve our service. Maintain safe and healthy working environment

Service offered by us

- ✓ Design supply and installation of Hot water systems.
- ✓ System study to determine the ideal model / product for the project
- ✓ Technical manuals, brochures, drawings, circuit diagrams.
- ✓ Testing and commissioning of the equipment as per manufacturers specification.
- ✓ Factory trained engineers for technical consultancy.
- ✓ Maintenance of the equipment throughout the life of the product
- ✓ Availability of equipment and spare parts ex-stock, in Dubai
- ✓ Annual maintenance contract

Product Range



Product Description

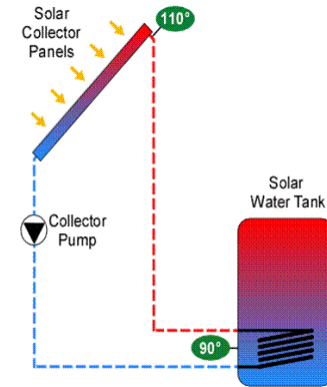
Solar Hot Water System

Thermosiphon



Thermosiphon systems are the most reliable, cheap and completely solar powered solutions to heat water for any purpose. Flat plate Thermosiphon systems are the most widely used systems around the world and are also the most robust and require less maintenance

Forced Circulation



Forced circulation solar hot water systems are 'indirect' pumped heating systems. They are not completely solar energy independent as they require electricity to power the pump used to circulate the thermal fluid in a closed circuit between collectors and the tank heat ex-changer.

Calorifiers



Calorifiers are suitable for hot water storage in a number of applications. From a small domestic dwelling to hotels, schools, sports facilities or public buildings, we can supply Calorifiers from 200 L up to 9000 L

We offer a comprehensive range of Calorifiers;

Vertical Calorifiers – mounted on steel stand or legs as required.

Horizontal Calorifiers – can be supplied with support cradles.

Direct Calorifiers - electrically heated by an Immersion Heater.

Indirect Calorifiers – heated by Boiler, Heat Pump or Solar collectors.

Buffer Vessels – providing additional storage for secondary or primary water.

Marine Calorifiers – a wide range of Calorifiers for boats with various options and sizes available.

Boilers



High efficiency low emission solutions for hot water generation.

Boilers : Fire Tube, Condensing and Electric

Burner : Compatible for oil, gas and alternative fuels.

Controls : Compatible for all types of communications protocols

Heat Recovery : For better efficiency and sustainability Gas and Oil fired boilers designed to ensure the utmost power efficiency, quietness, safety and durability.

Compact type boilers provides a new generation of heating with the possibility of variable temperature operation

Heat Pumps



- **Swimming Pool Heat Pumps.**
- **Tank Cooling System (Chiller)**
- **Air To Water Heat Pump**

These are widely used in hotels, apartments, schools, villas, shopping centers, factories, hospitals, etc.

- High efficient and energy saving.
- Eco friendly technology.
- Intelligent digital controller for precise control and easy operation.
- Wide temperature range operation.
- American Copeland compressor with high efficiency heat exchanger.
- Easy to Install. Just need to connect the pipelines and electrical connections.
- Occupies very little space and can be installed on the terrace or roof.
- Long life and corrosion- resistant cabinet to withstand severe climates.
- Combined with a circulation pump and a storage tank it can deliver hot water in seconds anywhere in the premises.

Burners



- Wide selection of oil, gas and dual fuel burners suitable for all types of applications with various outputs and fuels.
- Energy Saving and compatible with environmental requirements.
- Quiet in operation and designed for easy maintenance.
- Reliable and trouble free.
- Designed and approved in accordance with the European Standard.
- Suitable for high resistance boilers.
- Industry standard components easily available.

Inline heaters

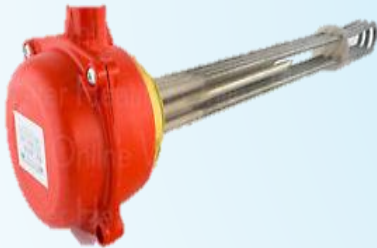


Inline, water heaters are ideal for processing fluid that requires intermediate heating while maintaining a flow rate. Instead of stripping the heat from another source as it would for a heat exchanger, an Inline water heater simply transfers the heat generated from electrical power into the target fluid.



Instantaneous inline water heaters are small electrically powered units that heat water 'instantly' as it flows through the product. Instantaneous water heaters are compact, will not run out of hot water and have no stand-by energy losses but have to be wired to the electric consumer unit.

Immersion Heaters



Ideal for generating steam and heating liquids in pressure vessels and tanks flanged and threaded immersion heaters are provided with electrical enclosures. Immersion heaters are available in a wide selection of flange sizes and with a variety of electrical enclosures.