

ZHONGYI SOLAR TECHNOLOGY CO., LTD

Company Profile



ZHONGYI SOLAR TECHNOLOGY CO., LTD is located at Shuangfeng Industrial Par, Yuanhua Town, Haining City, Zhejiang province, China where nearly Shanghai and Ningbo Port. We are a national Hi-tech enterprise and founded in 2009 with total investment Of 20 million RMB and more than 3000 square meter area. Currently, we specialized in R&D, manufacturing for solar products range of solar water heater, solar water heater accessories (such as solar vacuum tube. Solar rubber seal, silicon seal...), solar power system, solar pump and solar light system. And we had got ISO9001, CE, TUV certificate etc. So far, our products are already exported to Europe, North& South America, Middle-east and Africa Area, total more than 30 other countries and regions.

Our company regards "reasonable prices, good quality and good after-sales service" as our tenet. We hope to cooperate with more customers for mutual development and benefits. Welcome potential buyers to contact us.

Contact us:

Miss mao

Tel: 0086-579-85204084

Mobile:0086-13957957532

What's App: 0086-13957957532

Skype: maomasolar

E-mail: maomao@zonyisolar.com

Website: <http://www.zonyisolar.com>



ADD:Shuangfeng Industrial Par, Yuanhua Town, Haining City, Zhejiang province, China

Copyright © 2014 ZHONGYI SOLAR TECHNOLOGY CO., LTD All Rights Reserved

COMPACT NON-PRESSURE SOLAR WATER HEATER (ZY-1)

Working principle

Compact solar water heater relies on density of the water, the cold water and hot water circulate through the collector and water tank. When water in the collector is heated up, it becomes lighter and naturally rises into the water tank. Meanwhile, cooler water in the tank flows down to the collectors

Features:

Compact non- pressured solar water heater system is a kind of solar water heating systems that solar collector and water tank are connected together with the cylinder storage on the top and collector on the bottom .There is no need of pump to push the fluid and no need of pipeline between the collector and water tank. It is a simple and safe solution to get heat power from the sun.

Specification:

- 1: SUS304 food grade stainless steel inner tank provides long service life time.
- 2: Super efficient vacuum tube.Ø58mmx1800mm or Diameter Ø 47mmx1500mm;
- 3: Budget cost, save money.
- 4: Heat preservation: 72 hours



ADD:Shuangfeng Industrial Par, Yuanhua Town, Haining City, Zhejiang province, China

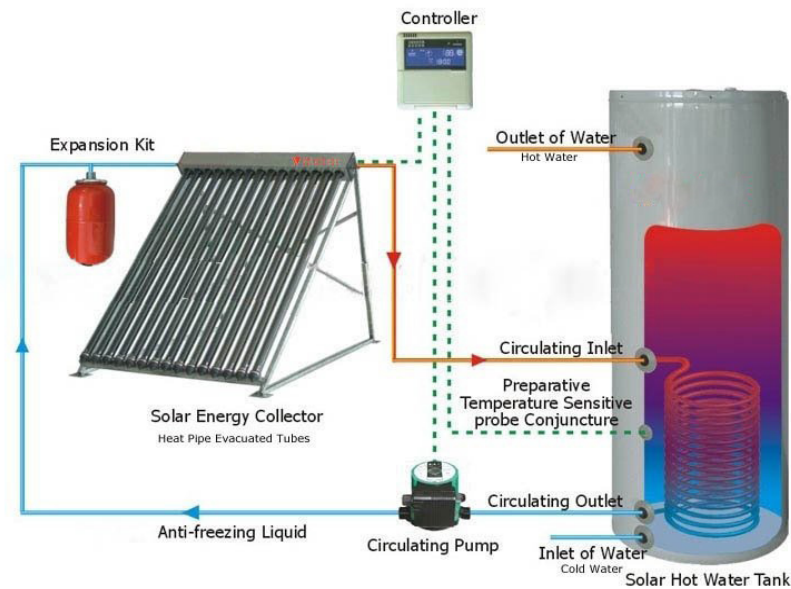
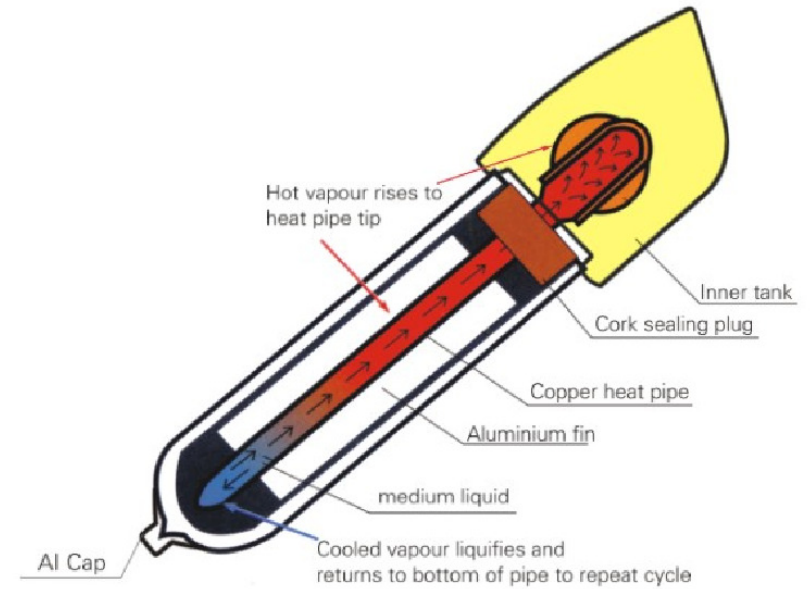
Copyright © 2014 ZHONGYI SOLAR TECHNOLOGY CO., LTD All Rights Reserved

Working principle

This solar system is including of heat pipe solar collector, storage tank and working station (controller, expansive tank, circulation pump). The heat pipe solar collector and storage tank are separated, they transfer by circulation pump. When the temperature of solar collector is higher than temperature of storage tank, the circulation pump begins to work. During the working of circulation pump, when the temperature is less than a set point, the circulation pump will stop. When the temperature of the water tank reaches the highest of set point, the controlling device will close the circulation pump.

Features:

1. Collector is separated with the water tank, tank can be put anywhere.
2. Solar collector can be mounted on buildings in different styles.
3. Intelligent control system is reliable and convenient
4. Collector will achieve high anti freezing effect
5. Long working life, at least for 25 years.

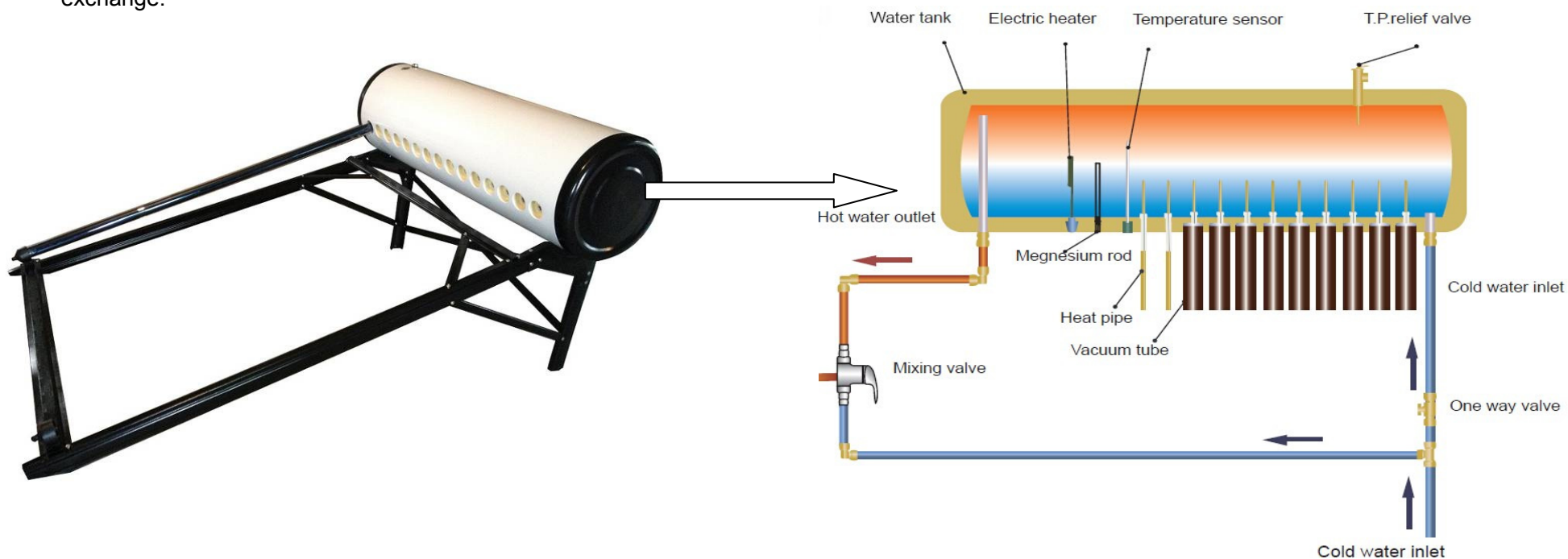


Working principle

The heat pipe is hollow with the space inside evacuated, much the same as the solar tube. Inside the heat pipe is a small quantity of purified water and some special additives. The heat pipes used in solar collectors have a boiling point of low temperature. So when the heat pipe is heated the water rapidly vaporizes. This vapor rises to the top of the heat pipe transferring heat. As the heat is lost at the (top), the vapor condensed to form a liquid (water) and returns to the bottom of the heat pipe to once again repeat the process.

Features:

1. High efficiency solar collector. Vacuum tube. Aluminum fin and copper heat pipe are closely integrated; to relies faster heat transfer and lower loss.
2. Able to be used in all climates.
3. The inner tank is made up of sus304-2B(thickness 1.2mm) stainless steel, adopts two advanced welding technologies, One is automatic double sides protection argon arc welding technology ,the other one is automatic rings argon arc welding technology. Thus, no damages were done to the stainless steel.
4. Screw-type connector, unique design, very durable and easy to replace long pipe in inner tank for enough heat exchange.

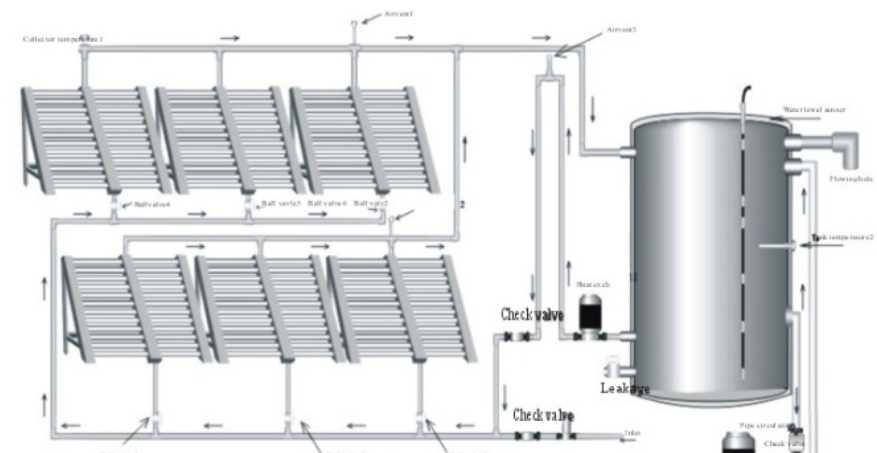
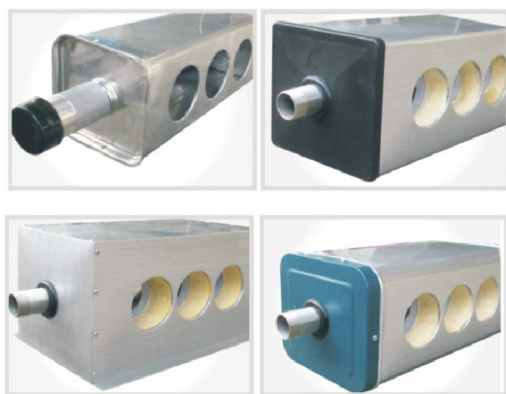


ADD:Shuangfeng Industrial Par, Yuanhua Town, Haining City, Zhejiang province, China

Copyright © 2014 ZHONGYI SOLAR TECHNOLOGY CO., LTD All Rights Reserved

Characteristic:

- 1. Non-pressurized solar collector is widely used in large solar water heater systems like swimming pool. Hotel, school . hospital and so on
- 2. It has two kinds to choose according the vacuum tubes. Horizontal & double line, vertical & single line.
Horizontal*double line type can be connected series up and down& transmeridional parallel.
Vertical & single line type can be connected series up and down & transmeridional parallel.
- 3. The water flow in the manifold, vacuum tube directly .So it needs no heat pipes or copper pipe in the manifold.
- 4. It's more economical than pressurized type.



ADD:Shuangfeng Industrial Par, Yuanhua Town, Haining City, Zhejiang province, China

Copyright © 2014 ZHONGYI SOLAR TECHNOLOGY CO., LTD All Rights Reserved