



SOLAR ENERGY GROUP (Pty) Ltd

457 Cliff avenue, Waterkloof Ridge, Pretoria

Contact Numbers:

Tel: +27(0)12 770 3310 / 9

Business Cell: +27 (0)74 561 7976

Fax: +27(0)11 604 0426 (international)

Fax: 086 610 3445 (South Africa)

Contact E-mails:

sales@SolarEnergyGroup.co.za (Sales)

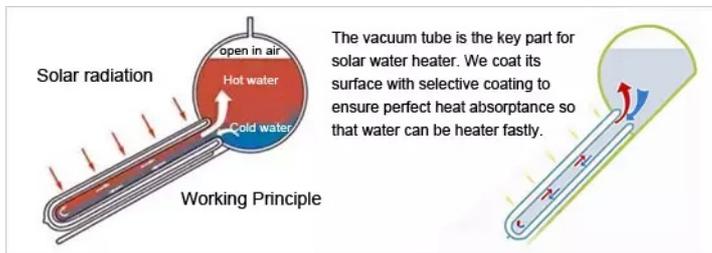
info@SolarEnergyGroup.co.za (General)

Website:

www.SolarEnergyGroup.co.za

SOLAR WATER GEYSERS & HEAT COLLECTOR PANELS

LOW PRESSURE



How it works



Complete geysers system

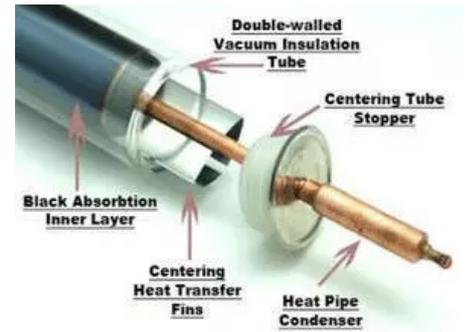
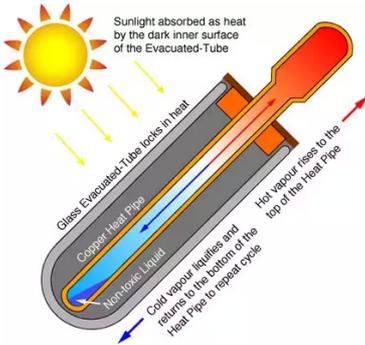


Manifold system

- These evacuated tube type geysers are ideal for use on farms and small holdings where the water pressure is below 1 bar (100 kPa).
- Geysers are responsible for 25 to 45% of household energy consumption, so this is a great place to start cutting down on energy consumption and can pay for itself in 6 to 24 months.
- They typically reach temperatures of 70 to 90 degrees celsius thus supplying hot water even at night and early mornings.
- The evacuated tube geysers work on the principle of collecting and trapping the suns energy. You will be using abundant, free energy in an efficient way.
- Complete units come with a geysers tank, evacuated tubes and stand. Just assemble and connect piping.
- The manifold system fits on an existing (in-roof) geysers tank and usually has a 12/24 volt solar powered circulation pump and solar panel(s) that drives the pump.



HIGH PRESSURE



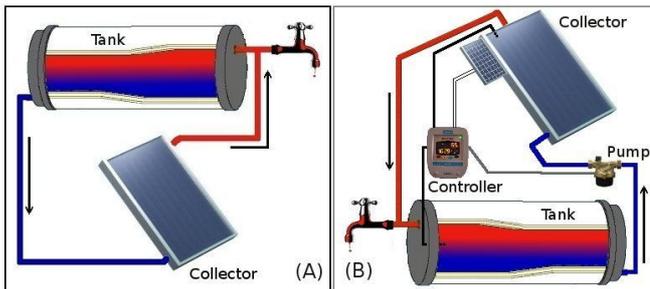
How it works

Cut through of high pressure system

High pressure evacuated tubes

- These evacuated tube type geysers are primarily used in urban areas or where the water pressure between 1 and 6 bar (up to 600 kPa).
- Geysers are responsible for 25 to 45% of household energy consumption, so this is a great place to start cutting down on energy consumption and can pay for itself in 6 to 24 months.
- They typically reach temperatures of 70 to 90 degrees celsius.
- The evacuated tube geysers work on the principle of collecting and trapping the sun's energy.
- Complete unit with geyser tank, evacuated tubes and stand. Just assemble and connect piping.

SOLAR HEAT COLLECTOR PANELS



(A) Self circulation system

(B) Pump circulated system



Flat panels installed on the roof and geyser inside the roof

- These solar collector panels retrofit onto your existing geyser, allowing for the re-use of the geyser. The panel fits flat on your roof and connects to your geyser inside the roof.
- Since the panels fit flat on the roof they are very aesthetically pleasing.
- The water reaches 60 to 70 degrees celsius. The element can be left on but set to a lower temperature to allow for a backup.
- These panels can work at water pressures of up to 800 kPa.



PRICE LIST

Description	Size in Liter	Price
COMPLETE LOW PRESSURE GEYSER SYSTEMS (Tank, Tubes & Stand)		
SEG Low pressure. 10 tubes. Complete geyser system.	100 liter	R3200
SEG Low pressure. 15 tubes. Complete geyser system.	150 liter	R4000
SP Low pressure. 12 tubes. Complete geyser system.	100 liter	R3700
SP Low pressure. 18 tubes. Complete geyser system.	150 liter	R4900
SP Low pressure. 24 tubes. Complete geyser system.	200 liter	R7200
SP Low pressure. 30 tubes. Complete geyser system.	250 liter	R8400
LOW PRESSURE MANIFOLD RETRO-FIT (IN ROOF/RETROFIT/INDIRECT SYSTEM)(Manifold, tubes & stand)		
SP Low pressure manifold/retrofit system. 12 Tubes.	100 liter	R3800
SP Low pressure manifold/retrofit system. 18 Tubes.	150 liter	R4200
SP Low pressure manifold/retrofit system. 24 Tubes.	200 liter	R5250
SP Low pressure manifold/retrofit system. 30 Tubes.	250 liter	R8200
COMPLETE HIGH PRESSURE GEYSER SYSTEMS (Tank, Tubes & Stand)		
SP High pressure. 12 tubes. Complete geyser system.	100 liter	R6000
SP High pressure. 18 tubes. Complete geyser system.	150 liter	R8700
SP High pressure. 24 tubes. Complete geyser system.	200 liter	R11700
SP High pressure. 30 tubes. Complete geyser system.	250 liter	R14200
SOLAR COLLECTOR PANEL SYSTEMS		
ST solar collector panel	100 liter	R3600
1 x ST solar collector panel + 12/24 Volt circulation pump + 10 watt solar panel	100 liter	R4400
2 x ST solar collector panel + 12/24 volt circulation pump + 10 watt solar panel	200 liter	R8000
3 x ST solar collector panels + 24 volt circulation pump + 2 X 10 watt solar panel	300 liter	R11700
OPTIONAL EXTRA'S		
Circulation pump. 12/24 Volt Grundfos		R670
Circulation pump. 12 Volt. Lift: 2.3 meter head. 10 liter/min flow rate.		R580
Circulation pump. 24 Volt. Lift: 20 meter head. 20 liter/min flow rate.		R640
10 Watt Solar Panel (12V) for circulation pump		R160
Controller for heat setting & element backup (SR609)		R750

Description	Size in Liter	Price
Stainless steel Auxilary tank (to reduce water pressure)	3 liter	R460
Stainless steel auxilary tank (to reduce water pressure)	6 liter	R580
Vacuum tubes (single)(1.3 / 1.8 meter)		R95
Latco Valve		R320
Dump valve / Anti Freeze Valve		R1250
Electric element		R130

INSTALLATION

Installation prices range from R2500 to R3500 per day plus a rate per kilometer. For a quotation/ estimation, please contact Kriz Kuypers (Certified installer) on 084 739 7115 or krizkuypers7773@gmail.com

ORDERS & DELIVERY

- Orders can be send to: sales@SolarEnergyGroup.co.za or phoned through to 012 770 3310.
- Prices are ex worx Pretoria. Delivery or Courier costs to be quoted separately.
- All prices include Vat and are for a limited time only or while stocks lasts.