

Price List Direct Solar Heating systems

Produced in South African - SABS approved

DESCRIPTION	QTY
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Complete Geyser Low Pressure system 110L 1

In this closed coupled system the vacuum tubes are an integral part of the storage tank and the heated vapour in the tubes rises and meets the water in the storage tank, known as a thermo-syphon system.

Warranty

1 Year on the self-filler tank.

5 Years on the inner cylinder from date of installation or alternatively from date of manufacture, if the installation date cannot be proven and subject to water conditions equivalent to main metropolitan supply authorities.

5 Years on the solar vacuum tubes from date of installation against manufacturing defects only. Breakage or cracks to the vacuum tubes is not covered by the warranty.



High Pressure Geyser 150Lt DIRECT Panel

150LT Direct Solar System Complete (Stainless Steel)	1
25MM UV Solar Lagging	3
200LT Panel & Geyser Bracket	1
22mm Vacuum Breakers	2
22MM Multi pressure control valve	1
Thermostatic Mixing Valve 22MM	1
7 Day Digital Timer 20A	1
2.5m ² Solar Flat Plate collector	1



High Pressure Geyser 150Lt DIRECT Tubes

150LT Direct Solar System Complete	1
150LT Pipe Set	1
150LT Panel & Geyser Bracket	1
22mm Vacuum Breakers	2
22MM Multi pressure control valve	1
Thermostatic Mixing Valve 22MM	1
7 Day Digital Timer 20A	1
Bracket for EVT Frame	1
Evacuated 16 tube collector	1
10 x Vacuum Tubes	1
6 x Vacuum Tubes	1



High Pressure Geyser 200Lt DIR Panel

200LT Direct Solar System Complete (Stainless Steel)	1
25MM UV Solar Lagging	3
200LT Panel & Geyser Bracket	1
22mm Vacuum Breakers	2
22MM Multi pressure control valve	1
Thermostatic Mixing Valve 22MM	1
7 Day Digital Timer 20A	1
2.5m ² Solar Flat Plate collector	1



High Pressure Geyser 200Lt DIR Tubes

200LT Direct Solar System Complete	1
200LT Pipe Set	1
200LT Panel & Geyser Bracket	1
22mm Vacuum Breakers	2
22MM Multi pressure control valve	1
Thermostatic Mixing Valve 22MM	1
7 Day Digital Timer 20A	1
Bracket for EVT Frame	1
20 Tube Manifold & Frame	1
20 x Vacuum Tubes	2



High Pressure Geyser 300Lt DIR Panel

300LT Direct Solar System Complete (Stainless Steel)	1
25MM UV Solar Lagging	4
300LT pitch roof Bracket	1
22mm Vacuum Breakers	2
22MM Multi-pressure control valve	1
Thermostatic Mixing Valve 22MM	1
7 Day Digital Timer 20A	1
2.2m ² Solar Flat Plate collector - Powerz-on (local)	2



TERMS

- 1) Prices include delivery in Maputo Matola, Marracuene
- 2) Installation on quote - between MZN 15'000 to MZN 30'000 depending situation
- 3) Prices include IVA / VAT

Description High Pressure Geysers

Designed to be installed in frost free locations where the ambient temperature never falls below 5° C and where the water quality is good (less than 600ppm Total Dissolved Solids/Minerals).

The potable water in the solar water heater circulates through one or more solar collector panels or manifold of an array of solar vacuum tubes installed outside on the roof, transferring solar energy into the storage tank of the solar water heater.

The solar water heater direct system can be installed as a Split System using pumped or thermo-syphon circulating methods, or as a Close Coupled System using a thermosyphon circulation method.

Solar Element and Kwiktherm Thermostat. The element is designed to heat half the volume of water electrically, leaving the balance to be heated by solar energy by means of the solar collector panel/s or solar vacuum tubes.

The solar water heaters are IPX4 rated.

Warranty

5 Years on the inner cylinder from date of installation or alternatively from date of manufacture, if the installation date cannot be proven and subject to water conditions equivalent to main metropolitan supply authorities.

2 Years on the Safety Valve and Drain Cock.

1 Year on the electrical heating element, thermostat, flange assembly plate and gasket.

Breakage or cracks to the vacuum tubes is not covered by the warranty.

Specifications

SABS 1307 Approved

Operating Pressure: Up to 400kPa

Design: Round with galvanised casing

Sizes: 150lt, 200lt, 300lt

Supplied with: Solar Element 2kW, T105 20Amp

Thermostat, Safety Valve, Drain Cock and Double

Anodes

Water Connections: BSP Male 3/4" (20mm)

Solar Water Heater Connections: BSP Male 3/4" (20mm)

Installation: HORIZONTAL

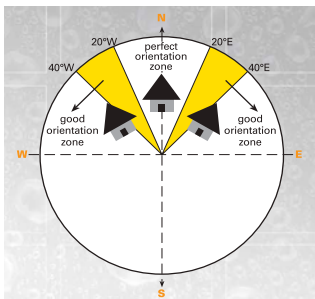
Possible installations:

1. Close coupled system

2. Split system: Boiler needs to be higher than panels



Orientation: NORTH



1. facing NORTH
2. angle of 20 to 45 degrees
3. avoid shading for optimal performance !

