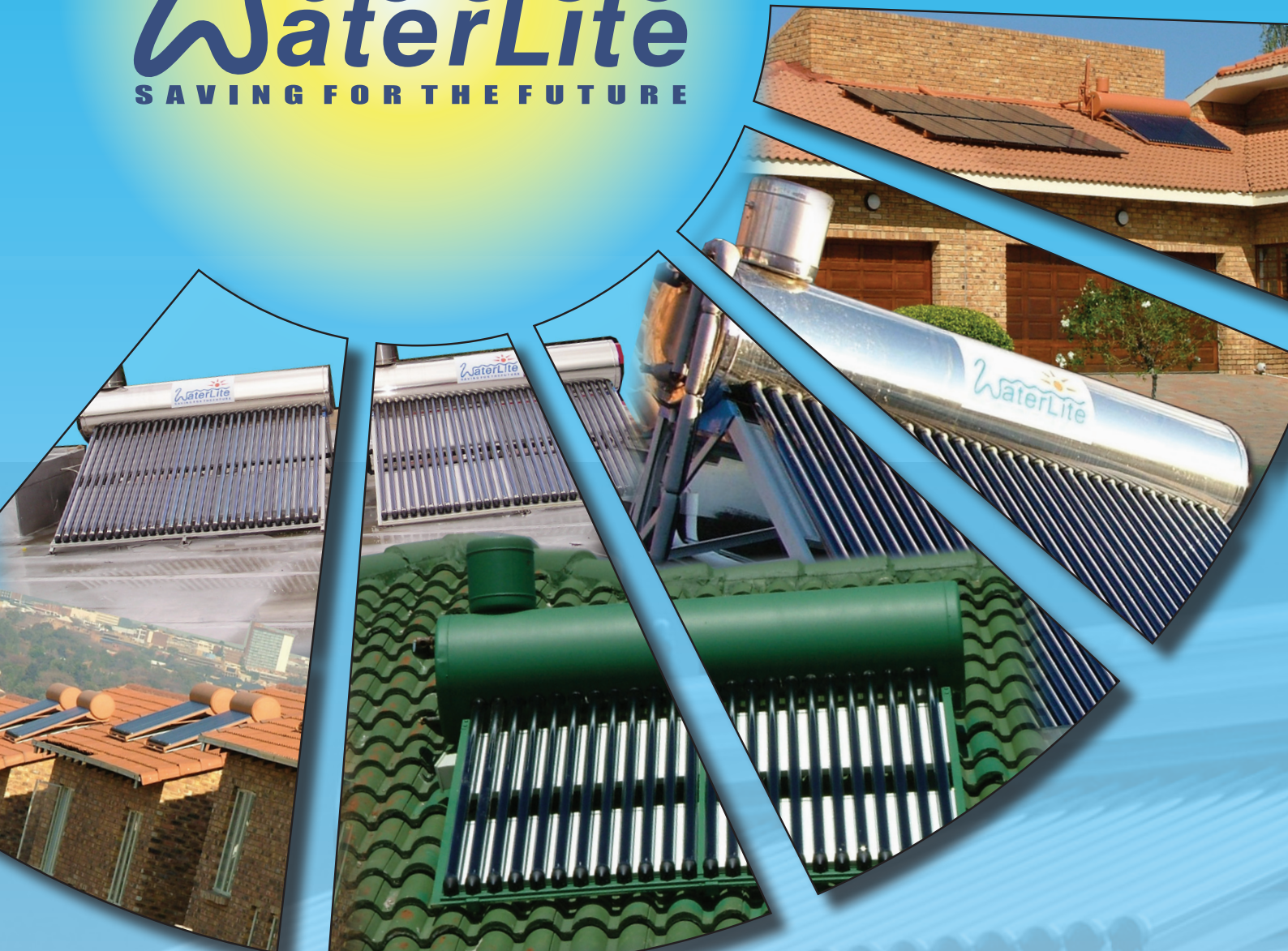


# High-pressure system



# Hassle free savings on electricity bills



## Why WaterLite ?

- Southern African content exceeds 90% and includes local labour and locally manufactured materials.
- 10 year manufacturers warranty underwritten by a SA company with over a 20 year solar history.
- Electrical back-up element as standard for those cloudy days. Solar operation without electricity.
- Thermosiphon, close coupled and indirect offer best thermal performance in all geographical areas.
- In comparison to other systems, WaterLite offers lowest cost of maintenance and ownership.
- Insurance friendly - eliminating the risk of internal water damage to the building.
- Sun heated water is circulated within the system without the aid of moving parts.
- Flat roof and pitched roof options available

# Hot water without electricity



The jacket is topped up from the filler tank. The float valve closes automatically once the jacket is filled with water

Water heated by the sun enters the jacket and heats the water in the storage tank

Cold water enters the tube and is heated by the sun. The heated water moves up the tube into the jacket by means of convection

RSA Patent 2010/07967

1	Cold water inlet
2	Cold water inlet
3	Evacuated tube collectors
4	Water in jacket
5	Usable Heated water in storage tank
6	Element electrical backup
7	Hot water outlet
8	Filler tank
9	Perforated cold water pipe
10	Temp. Pressure relief valve
11	Thermostat
12	Stainless steel inner tank
13	Stainless steel jacket tank
14	Polyurethane Insulation
15	Stainless steel skin
16	Float valve
17	Filler overflow

Model	H <sub>2</sub> O 150	H <sub>2</sub> O 200
Capacity (litres)	150	200
Thermal Output (16MJ +10°C)	18.3 MJ 5kWh	23.6MJ 6.5kWh
Voltage (V)	230	230
Power (W)	2000	2000
Length & Depth (mm)	1750 x 1660	2250 x 1660
Mass Filled (Kg)	238	300
Tank Diameter (mm)	470	470



- Stainless steel Skin
- 50mm Polyurethane insulation keeps water hotter for longer. 400kPa operating Pressure
- Locally manufactured 444 Stainless steel jacket and storage tank using Southern African Labour.
- Hail and freeze tested thus these systems are suitable for use anywhere in Southern African.
- No alcohol filled heat pipes or copper for unconventional shoppers.
- Thermal performance tested at SABS

#### Maxlite

13 Voortrekker Ave  
Edenvale, 1609  
Gauteng

**Tel 1:** (+27) 11 454 5683

**Tel 2:** (+27) 11 026 5483

**Fax:** (+27) 86 519 3933

**Email:** info@maxlite.co.za

**Richard:** (+27) 83 558 5604

**Glen:** (+27) 83 442 0467

**Trevor:** (+27) 83 377 3496

  
SAVING FOR THE FUTURE  
[www.waterlite.co.za](http://www.waterlite.co.za)