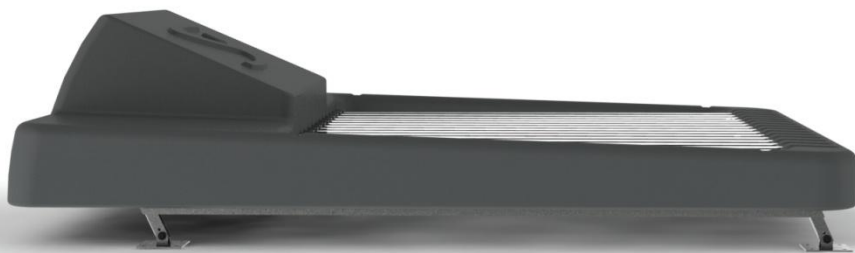


# Solabox™



SMART SOLAR SOLUTIONS

# Product Specifications

## VACUUM TUBE TECHNOLOGY

Vacuum tubes have proved to be the solar collector of choice internationally. 2mm thick Borosilicate glass capable of withstanding 35mm hailstones, surrounds a vacuum insulated AL/N/AL coated inner tube. The combination of the vacuum and the special selective coating results in a >92% irradiation absorption. Making vacuum tubes more efficient and cost effective than flat plate copper solar collectors.

## MADE IN SOUTH AFRICA

With a capacity of 8000 units a month our manufacturing plant employs over 400 people. With state of the art rotational molding machines and over 20 years of experience we can guarantee the consistent quality of our durable products.

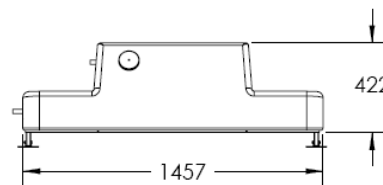
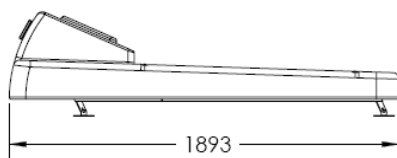
## Authorized Dealer:

Visit [www.nationalsolar.co.za](http://www.nationalsolar.co.za) for dealers in your area.



The Solabox™ is a 100L low profile, gravity feed, integral passive solar water heater. Rotationally molded with the highest grade polymers, the outer shell and frame is made of 4mm LLDPE (Linear low density polyethylene) for durability and UV resistance. The inner tank (water reservoir) is made of 4mm Polypropylene capable of withstanding water temperatures up to 93°C, and suitable to for all water types.

Water blown (non CFC depleting) polyurethane encapsulates the inner tank and insulates with an average thickness of 40mm. This in conjunction with the other polymers used, qualifies the Solabox™ to be one of the only recyclable low pressure solar water heaters on the South African market. Both the inlet and outlet water connections are UV stabilized, water level as well as inlet pressure is controlled by a SABS approved high pressure inlet float valve..



## Key Characteristics:

- Low Cost
- Light weight (35kg)
- Rust Resistant
- Suitable to all water types
- Locally Manufactured
- Recyclable
- Durable (UV Stable)
- Aesthetically pleasing
- Easy to install



[www.nationalsolar.co.za](http://www.nationalsolar.co.za)

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