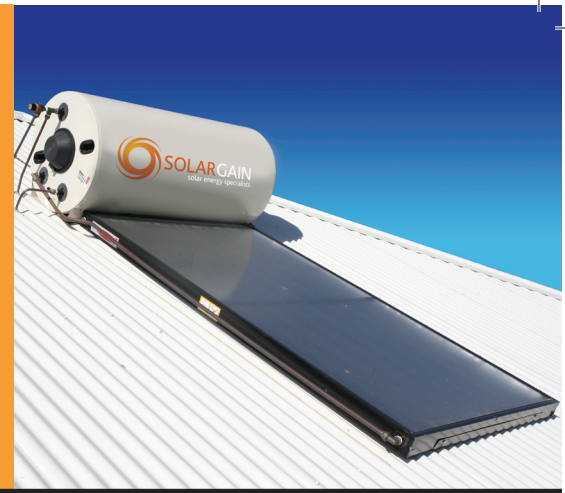


Solargain

300L Roof Mount Solar electric boost system



ELECTRIC BOOST ROOF MOUNT

Solargain solar water heaters use the Sun's unlimited FREE energy to provide up to 80% of your hot water.

Global leading technology

Solargain's range of single and double panel rooftop solar hot water systems provide up to 90% or more of the energy needed to give you all the hot water you want.

- High performance roof mounted solar collectors
- High quality, technologically advanced roof mounted hot water storage tanks
- 5 year warranty

With over 30 years of solar experience Australia wide, you can rely on Solargain's extensive knowledge and industry expertise.

Natural Thermosiphon

The hot water storage tank is located on the roof above the solar collector panel. When water is heated by the sun it rises naturally up into the storage tank. Cooler water falls to the lowest point at the bottom of the

solar collector. While the sun keeps shining, the water continues to circulate getting hotter and hotter. When the sun goes down, the circulation stops and the hot water is stored at the highest point, which is in the storage tank. No pumps, no moving parts, just Mother Nature doing the job for you

Automatic electric back-up

If the sun doesn't shine enough, the fully automatic electric back-up booster will kick in to ensure you don't run short of hot water. So it doesn't matter if you leave the booster switched on, it won't use any more electricity than is necessary to ensure you always have plenty of hot water. It's also available in gas.

Maximise your solar savings

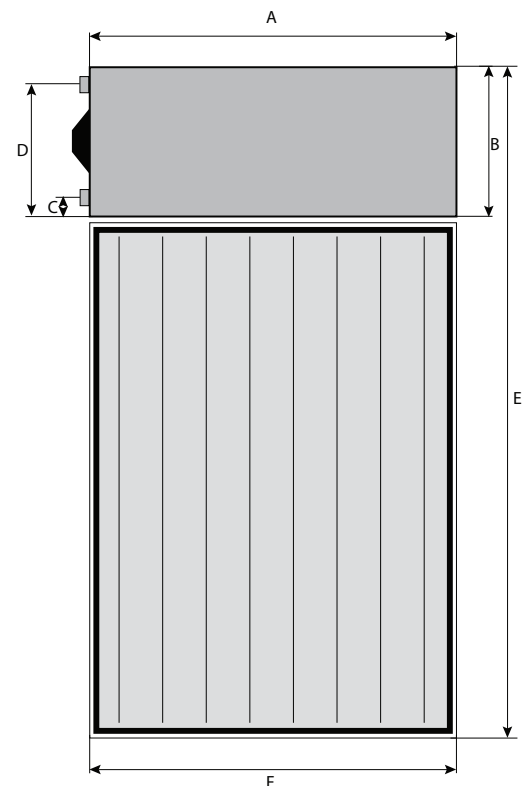
Solargain's unique all-copper solar collectors mean you could save up to 90% or more of the electricity needed to heat your water. Cutting your electricity use by that much means you'll be saving up to 4 tonnes of greenhouse gas pollution every year.

With super performance and long life Solargain solar water heaters produce higher savings on running costs over a longer life cycle. They also attract the highest government incentives.

System Specifications

| Systems | Description | 200 litre | 300 litre |
|-----------------------------------|-------------------|---------------------|-----------|
| A (mm) | Tank Width | 1211 | 1361 |
| B (mm) | Tank Height | 585 | 651 |
| C (mm) | Cold Water Inlet | 117 | 117 |
| D (mm) | Hot Water Inlet | 467 | 467 |
| E (mm) | System Length | 2775 | 2840 |
| F (mm) | Collector Width | 1090 | 1290 |
| Weight | Kilograms (empty) | 109 | 142 |
| Weight | Kilograms (full) | 309 | 442 |
| Energy Efficient Electric Element | | 1500w, 2500w, 3600w | |

Specifications are subject to change without notice



Hot Water Tanks (Electric only)

Solargain's selection of hot water tanks are technologically advanced for maximum efficiency, durability and safety. They come in a range of sizes from 200 to 300 litres ensuring a plentiful supply of piping hot water for the whole family. Horizontal on-roof locations, or vertical ground-mounted solutions are available to satisfy your particular needs and conditions.

1. Sacrificial Anode

For superior protection against corrosion.

2. Built-In Thermostat

For convenience and safety.

3. External Coating

Available in attractive baked polyester to provide extreme durability in the harshest of conditions.

4. Polyurethane Insulation

Maximises heat retention and minimises heat loss for superior efficiency.

5. Storage Tank

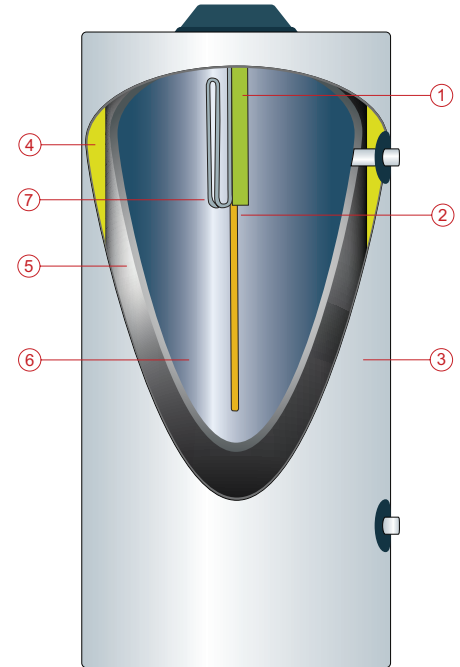
Manufactured in mild steel for maximum strength in mains pressure situations. Protects against high-tensile stress corrosion.

6. Internal Glass-Enamel Coating

Protects against corrosion.

7. Energy Efficient Electric Element

An alternative source of energy for cloudy days ensures consistent supply of hot water 24 hours a day, 365 days a year. Alternatively, gas boosting is also available.



Hot Water Tank Specifications

| Capacity | Height (mm) | Width (mm) | Weight (kg) | Electric Element |
|----------|-------------|------------|-------------|------------------|
| 200 Ltr | 1270 | 560 | 65 | 2500W |
| 300 Ltr | 1420 | 650 | 91 | 2500W |

Solar Collectors

In satisfying the most rigid requirements of European markets, there are simply no better collectors available than Solargain's solar collectors. We offer the most advanced technology and superior design ensuring maximum sun absorption and efficiency that outperforms competing collectors. Quality materials and unique manufacturing techniques ensure a durable product that will pay for itself many times over.

Our range of solar collectors allow tailored cost-effective hot water solutions for a wide variety of locations and climatic conditions. From Tasmania to the Top End, we've got Australia covered. The aesthetic designs, engineered for strength and optimal performance, ensure maximum benefits from the Solargain solar system of your choice.

1. Absorber Plate

Copper fins ultrasonically welded to copper risers provide excellent heat transfer and a very high absorption rate of 95% for higher efficiency and durability.

2. Absorber Plate Coating

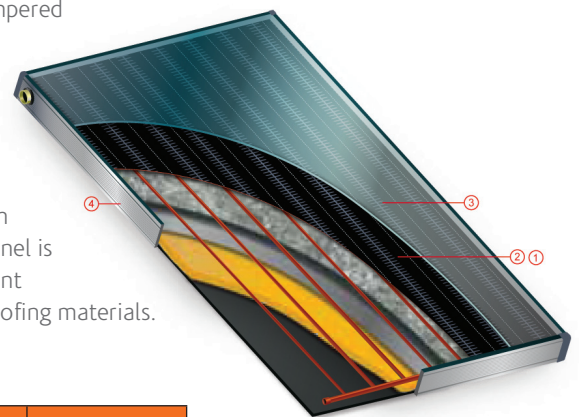
Available in black chrome or selective solar paint. All provide a superior surface designed for excellent energy absorption even in cooler climates.

3. Solar Glass - 3.2mm thick

The solar glass is patterned to reduce reflection and maximise solar transmittance. It is tempered to maximise strength and durability in severe weather conditions like hail storms.

4. Extrusion Casing

Manufactured from colour bonded galvanised steel for maximum strength and corrosion protection. The back panel is made of black polypropylene to prevent dissimilar metal corrosion on metal roofing materials.



Collector Specifications

| Model | Gross area (m2) | Length (mm) | Width (mm) | Thickness (mm) | Weight (kg) |
|--------|-----------------|-------------|------------|----------------|-------------|
| CR 100 | 2.10 | 1900 | 1090 | 90 | 39 |
| CR 120 | 2.80 | 2190 | 1290 | 90 | 51 |