

AUSTRALIAN DESIGNED, WORLD-RENOWNED

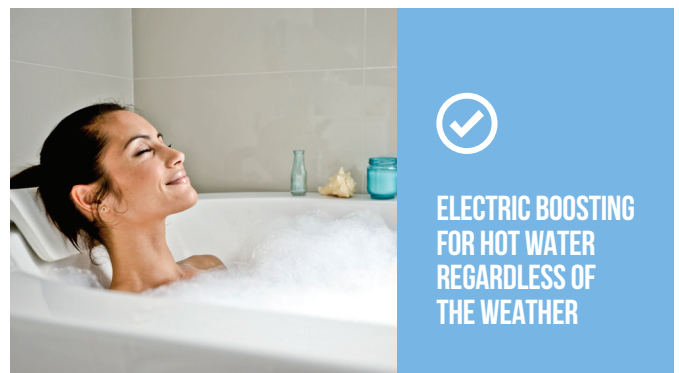
SUNHEAT SERIES ROOF-MOUNTED SOLAR HOT WATER SYSTEM

Open Circuit Thermosiphon

Solahart Sunheat Series is an Australian designed solar water heater specifically developed to provide hot water free from the sun in medium to high solar gain areas. The black polyester powder-coated aluminium absorber collects the sun's heat and transfers it to the water in the copper risers. The increase in temperature causes the water to rise and move into the storage tank where it displaces cooler water. This cooler water then travels back into the solar collectors to be heated by the sun.

The tank features Solahart Super-Shield™ enamel for enhanced protection, as well as a protective sacrificial anode to improve the life of the tank.

The Sunheat Series also utilises Solahart flat plate collector technology. This results in extra-strong glass that is resistant to breaking. Flat plate collectors provide a stronger, safer application when installed on your roof and give greater durability and sustainability than evacuated tubes.



OPTIMAL PERFORMANCE

Designed to provide efficient performance in medium to high solar gain areas.



LOW MAINTENANCE

Elegant simplicity provides efficiency, reliability and low maintenance, as it does not require a pump to circulate the water.



REDUCES ENERGY USAGE

Water heating energy use reduced by up to 85% and could save up to 2.7 tonnes of CO₂ emissions per annum when replacing an electric water heater.



SOLAHART WARRANTY

5 year cylinder and collector warranty for peace of mind*.

SOLAHART SUPER-SHIELD™ ENAMEL TANK PROTECTION

Solahart's unique, industry-leading cobalt blue enamel formula offers protection against corrosion, as it is specifically designed to withstand the high temperatures. During the manufacturing process, the tank is welded together utilising precision laser technology and the unique formula is applied using a European flow coat process to ensure a uniform enamel coating.

Technical Data

Solahart Sunheat Direct Systems

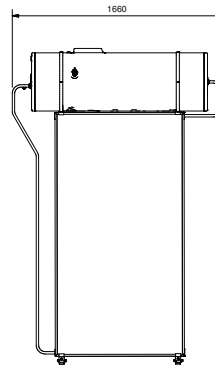
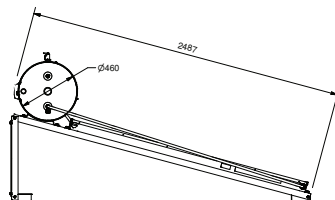
Systems 151BPT		
Tank model	Standard	150RD18
Collector	Model	BPT20007
	Number	1
Storage Capacity	Litres	150
Boost Capacity	Litres	75
Tank Only: (Weight empty)	Kg	44
Tank Only: (Weight full)	Kg	194
System: A- Width	m	1.66
System: B- Length	m	2.487
Working Pressure	kPa	1000
Frame Material	Galvanised Steel	

Water Supply		
Water Connections	Cold	Rp 3/4
	Hot	Rp 3/4

Electric Boost Specifications	
Heating unit type	Copper sheath immersion element
Supply voltage	S220 – 240 VAC 50 – 60Hz
Rated Power (Optional)	1.8 kW

BPT Collectors		
Aperture (heating) area	m ²	1.87
Dimensions	length – mm	1940
	width – mm	1024
	height – mm	80
Working Pressure	kPa	1000
Capacity	litres	1.5
Weight empty	kg	32
Weight full incl fittings	kg	34
Absorber surface	Black polyester powder coat	
Absorber material	Aluminium	
Riser material	Copper tube	
Tray material	0.45 mm aluminium	
Insulation material (base)	38 mm polyester blanket	
Glass	3.2 mm tempered low iron	

Sunheat System



*Solahart Warranty Details: 5 year cylinder and collector supply, 1 year parts, 1 year labour, applies only when installed as a complete new system.