

people
3 – 5

capacity
400 litres

warranty
5 Years

indoor ✓
outdoor ✓
models

solar



SAXON SOLAR – Copperflow Storage Electric Boosted



SAXON SOLAR

A long life Solar Water Heater produced by the one hundred year old company - This Saxon efficient Solar design provides cost savings for households seeking energy efficiency and environmentally friendly hot water. Get up to 70% of your hot water free from the sun. Solid copper non pressurised inner tank and strong copper tubular heat exchanger providing full mains pressure. Installed with panels only on the roof and tank on ground for easy service access and neater appearance.


SLASH ELECTRICITY ACCOUNTS

- Attracts valuable Renewable Energy Certificates*
- Solid copper tank and heat exchange for long life
- Saves massively on electricity running costs
- Saves up to 3000 litres of wasted water a year compared to Storage Displacement types
- Suitable for Extended Off Peak Tariff (Qld. Tariff 33)
- Electrically boosted
- Large 400Ltr. storage tank. Indoor/Outdoor model
- Tank is ground installed for service accessibility

Specifications overleaf

*conditions apply see inside cover & page 2

SAXON COPPERFLOW SOLAR SPECIFICATION

PRODUCT		MODELS
SAXON COPPERFLOW SOLAR (Complete system*)		6023**
Storage Capacity	Litres	400
No. of Collectors	Each	2
No. of People		3-5
RENEWABLE ENERGY CERTIFICATES		
Number of certificates available	Zone 1	39
	Zone 2	41
	Zone 3	39
	Zone 4	32
STORAGE TANK (Solar – Electric boosted)		Item No 6000
Inner Tank and coil		Copper
Outer case		Colorbond Zinalume coated steel®,
Insulation		CFC Free injected polyurethane
Storage Volume	Litres	400
Volume heated by booster element	Litres	190
Weight empty	kg	65
Packing		carton
Height	mm	1905
Diameter	mm	650
Height to inlet connection & HPNR valve	mm	1770
Height to outlet connection	mm	1805
Height to Overflow	mm	1730
Height to Electrical Entry for Booster element	mm	880
Relief valve angle from element	degrees	28
		
COLLECTORS – Solar Power SP225		Item No 6203
Casing and Glazing		Extruded Anodised Aluminium Frame, with Low Iron Tempered Glass
Absorber		11 risers ultrasonically welded to Copper absorber plate
Height	mm each	2050
Width	mm each	1200
Depth	mm each	100
Collector Aperture	m ² each	2.3
Weight empty	kg each	42
INSTALLATION KIT		
Suitable for metal or tile roof Non-Cyclone areas	Item No	6322
Suitable for metal or tile roof Cyclone areas	Item No	6321
PLUMBING CONNECTIONS		
Relief Valve setting		1400 kPa all models
Maximum supply water pressure		1080 kPa all models
Water supply inlet / outlet		12.7mm (½") copper tube
Tank to Collectors		12.7mm (½") copper tube (13mm thick synthetic rubber insulated)
ELECTRICAL CONNECTIONS		
Boost supply / Power	Electricity	3.6kW
Indoor Outdoor Protection Rating		IPX4
Supply Tariffs		Boost element suitable for Continuous or Extended Off-Peak
SOLAR COLLECTOR CIRCULATION		
Description		Circulation is carried out by the use of a 3-speed circulating pump. The pump is electronically controlled by temperature sensors mounted in the storage tank and in the solar collector. The system is fitted with a standard 240 volt 3 pin plug.
Power requirements		240 volt power outlet. Max 100 watts
FREEZE PROTECTION		
Description		There is a basic anti-freeze control system integrated into the solar control unit, designed to protect the collectors and associated pipework from damage due to freezing. Should the night time temperature drop below 4°C it is designed to recirculate a small amount of water from the storage tank through the solar collectors to avoid freezing.
WARRANTY		
Tank and Collectors		5 years all models (conditional)
		The Saxon Copperflow Solar flow and return pipes to the collector must be fully insulated to be covered by the warranty and does not cover damage caused by freeze conditions when the electrical circuit to the solar control unit is turned off or interrupted or when the system is installed in an area prone to frost conditions.
NOTES		
*Complete systems include storage tank, solar collectors and installation Kit.		** When ordering complete systems specify whether a Cyclone rating is required (see installation kit above). Materials and specifications subject to change without notice.