

SAXON SOLARSTAR WATER HEATER SPECIFICATION

PRODUCT	MODELS	
HEAT PUMP WATER HEATER Complete System. DESCRIPTION (Litres = L) Above Models Include Separate Heat Pump Compressor Unit - Item Number 6430	6410†	6420
	270L	400L
STORAGE CAPACITY	270	400
DIMENSIONS & TECHNICAL DATA		
Tank Dimensions		
Height (mm)	1360	1905
Diameter (mm)	650	650
Height to Outlet (mm)	1255	1795
Height To HPNR Inlet Valve (mm)	1220	1760
Height to Overflow (mm)	1080	1720
Compressor Unit Dimensions		
Height (mm)	536	536
Width (mm)	783	783
Depth (mm)	300	300
Standard Length of Refrigerant Connection Lines metres	2.5	2.5
Maximum Length of Refrigerant Lines metres	10	10
Maximum Height of Compressor above Base of Storage Tank metres	2.5	2.5
Weight Empty (Tank) (kg)	52	75
Weight - Compressor Unit (kg)	41	41
Packed in: Carton = C. Wrap = W	C	C
Relief Valve Setting (kPa)	1400	1400
Maximum Water Supply Pressure (kPa)	1080	1080
Thermostat Maximum Setting (°C)	70	70

Saxon - Solar Hot Water Without Solar Panels™

Huge Government Rebates

400L = 38 RECS

Long Life Pure Copper Tank

110 Years Australian Made - Australian Owned

Quality Installation Guaranteed By Your Authorised Saxon Dealer

Beat Rising Electricity Costs

Split System Heat Exchange Tank & Heat Pump

Easy To Handle & Install

TANK AND CONDENSER

Tank Outer Case	Colorbond Zincalume Coated Steel®
Insulation	CFC Free Injected Polyurethane
Inner Cylinder Construction	Pure Copper
Inner Tank Coil Construction	Pure Copper

HEAT PUMP COMPRESSOR UNIT

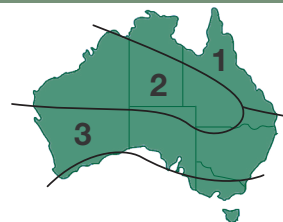
Compressor	1.3 kW Rotary
Refrigerant	R134a

INSTALLATION

Electrical Connection	240 V / 15 Amp Circuit. For maximum performance continuous power recommended (not suitable for connection to night only supplies - T31:QLD and OP1:NSW)
Recommended Electrical Connection	16 or more hours power (see settings for maximum performance inside)
Water Connections	Inlet & Outlet 12.7mm (1/2 inch) Copper Tube
Indoor / Outdoor Rating	IP24
Recommended Location	Water Heater - indoors and outdoors. Compressor Unit - outdoors
††Warranty - Tank	5 Years Tank & Coil (conditional)
Warranty - Compressor Unit	24 Months Refrigeration Components (conditional)

RENEWABLE ENERGY CERTIFICATES (Thermostat Setting 60 °C) *

MODEL	6410	6420
Zone 1	29	38
Zone 2	25	35
Zone 3	29	38
Zone 4	28	38



* Renewable Energy Certificates may be subject to alteration without notice. Confirm with your Saxon sales office.

† The 270 Litre (Model no. 6410) is not suitable for operation in cool and cold areas.

†† Special conditions regarding water chemistry apply in some geographical areas. Please refer to Warranty Conditions Part 4 - Water Analysis.

Materials & specifications subject to change without notice. Copyrights & Registered Trade Marks Apply.



SAXON

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capacity
270 & 400
litres

warranty
5 Years
(conditional)

indoor ✓
outdoor ✓
models

heat
pump

SAXON **SOLAR STAR™**

SAXON - SOLAR HOT WATER WITHOUT SOLAR PANELS™



BE QUICK... while rebates last!

Installing a Saxon Heat Pump attracts up to 38 Renewable Energy Certificates

Saxon SolarStar Water Heaters are lower cost, energy efficient, environmentally friendly heating systems. Cleverly using hot gases and air-conditioning principles, heat energy is captured from the surrounding air allowing the production of hot water during the day and night in all seasons and weather conditions. Separate mounting of tank & compressor unit makes the Saxon Water Heater quiet in operation, easy to install and service and suitable for installations in more locations with less effort. An ideal energy efficient alternative to electric water heaters and installation of solar water heaters with roof panels.

- Long life pure copper recyclable tanks
- Attracts maximum 38 Renewable Energy Certificates (RECS)
- Beat rising electricity costs
- On average 3 times more efficient than electric water heaters
- Greatly reduced global warming potential
- Maximises water efficiency
- No anode requirement
- No electric booster element
- Suitable for Extended Off-Peak Tariff (16 hours or more power)
- Manufacturer of water heaters for over 80 years
- Easier to transport, install and maintain
- Australian made



Saxon SolarStar Water Heater

SAVE MONEY, ENERGY AND THE ENVIRONMENT.

Install a Saxon SolarStar Water Heater and benefit from Federal and State Government rebates and Renewable Energy Certificates (RECS). The table below is a useful guide to rebate levels that may apply.

HOMEOWNER REBATE CALCULATOR

State	Federal Government Rebate*	State Government Rebate*	RECS** Renewable Energy Certificate Rebate	Total Homeowner Rebate*
New South Wales	\$600	\$300	\$1,596	\$2,496.00
NON-PENSIONERS Queensland	\$600	\$600	\$1,596	\$2,796.00
PENSIONERS & LOW INCOME EARNERS	\$600	\$1,000	\$1,596	\$3,196.00

The information contained in the above table is correct at the time of printing. May 2010

Conditions: * Conditions apply for State and Federal Government rebates. Please contact Saxon Sales for your copy of the Government Rebate forms, REC form and a Saxon Heat Pump promotional DVD ** RECS Rebate price of \$1,596 (\$42 RECS Offer 3 May to 31 July 2010) indicated above applies for correctly completed REC forms capable of RECS generation received by Saxon from eligible claimants. Government Rebates & RECS Prices and number of RECS subject to change without notice.

Saxon SolarStar Water Heater Performance and Installation Guide.

The table below provides a handy reference for the installation and setup of Saxon SolarStar Water Heaters in various climate conditions to ensure maximum performance.

SETTINGS FOR MAXIMUM PERFORMANCE ♦					
A. Connect to a continuous electricity power supply tariff B. Increase temperature setting at controller as appropriate C. Install AAA shower roses to limit water flow in shower D. Ensure flow rate at water heater hot water outlet is set to 9 litres per minute E. Heat Pump not suitable for deep filled spas or baths					
Installation for Maximum Performance					
Climate Zone	Capacity (Litres)	No. of People ♣	Installation Settings for Maximum Performance (See Above ♦)	Electricity Supply Tariff	
				Cont.	T33 (QLD) & OP2 (NSW)
Temperate / Moderate e.g. QLD & NSW Coastal Areas	400 L	5	A - E	✓	x
		4	B - E	✓	✓
		3	C - E	✓	✓
		2	C - D	✓	✓
		1	C - D	✓	✓
	270 L	3	A - E	✓	x
		2	C - E	✓	✓
		1	D - E	✓	✓
Cool / Cold ♠ e.g. NSW Inland	400 L	3	A - E	✓	x
		2	B - E	✓	✓
		1	C - E	✓	✓

- ♣ Figures are a guide only and vary from person to person and family to family.
 ♠ Water heater installation not recommended at altitudes over 1000m or in alpine areas.

Home Owner Installation Options

The Versatile SAXON SolarStar Water Heater.

How Heat Exchange Works

