



(Photo supplied by Sola Edwards Adelaide)

**TYPE** – An indirect, open vented, horizontal storage water tank designed to be heated by electric heating elements or a remote heat source. It is authorised to Australian Standard AS3498.

### REDUCE ENERGY COSTS UP TO 70%

- High-performance solar collectors can be manifolded in banks of up to 80sq.m each.
- 'Active' solar pump circuit maximises the amount of solar energy absorbed into the water.

### NEUTRAL WATER

- Long storage tank life.
- Long element life - Maximum heating efficiency

### APPLICATIONS

Edwards can add the energy savings of solar for a variety of commercial hot water applications.

- Many industrial applications
- Hotels
- Resorts
- Hospitals
- Airports
- Apartments

### SOLAR BOOST

Model	No. of Collectors	Collector Surface Area sq.m	Flow Rate Required litres/sec	Line Size mm
SHX1500	10	20	0.5	25
SHX2000	16	32	0.8	25
SHX3500	24	48	1.2	40
SHX5000	40	80	2	50

### HEAT EXCHANGE - COPPER

- Resistant to harsh water.
- High/mains pressure water supply.
- Resistant to bacteria such as legionella.
- Does not cause any premature deterioration of your hot water pipework due to incompatible materials.

### OPEN VENTED TO ATMOSPHERE

- No stress is placed on the system.
- No boiler codes are applicable to the system.
- No relief valves required to protect or maintain.

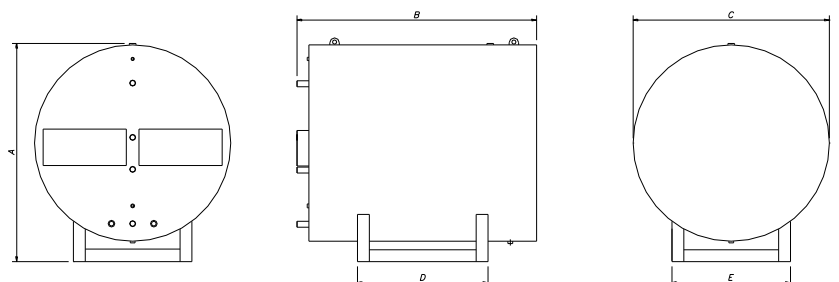
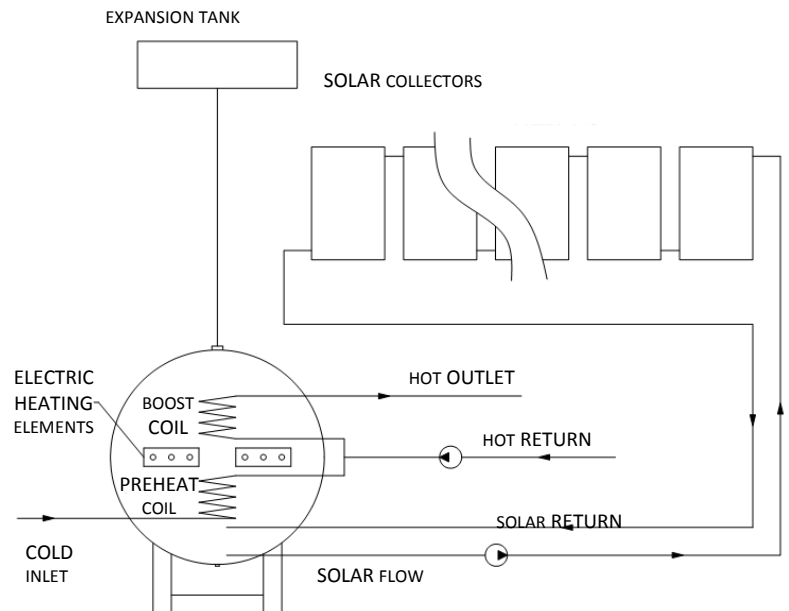
### NO ANODE

- No dangerous hydrogen gas is produced.
- No anode service or replacement costs.
- No metal particles are introduced into your water supply from a deteriorating anode.

### WIDE RANGE

- 4 models
- 1500 to 5000 litre capacities
- 14.4 to 115.2kW electrical heating
- Also available as preheat solar boost tank only
- Optional Central Heating sockets are available

### HOW IT WORKS



### STORAGE TANK

MODEL	NOMINAL STORAGE CAPACITY	PEAK DHW FLOW RATE	MAX WORKING PRESSURE OF TANK	COLD WATER SUPPLY PRESSURE MIN/MAX	DRY WEIGHT Nom.	CW/DHW OUTLETS	ELECTRIC BOOST OPTIONS (see separate chart)	A	B	C	D	E	COIL SURFACE AREA**
	litres	l/min	kPa	kPa	kg	mm		mm	mm	mm	mm	mm	Sq.m
SHX 1500	1500	60	400	140/1200	600	50	1-4	1276	2100	1112	1100	800	8
SHX 2000	2200	120	400	140/1200	680	50	1-4	1552	2100	1362	1100	900	16
SHX 3500	3500	120	400	140/1200	1100	50	1-6	1945	2100	1656	1100	1000	20
SHX 5000	5000	180	400	140/1200	1500	100	1-8	2155	2100	2016	1400	1400	32

\*\* Coils are fitted above and below the electric boost position; lower coils are dedicated solar pre heat.

### ELECTRIC BOOST

	RATING	POWER SUPPLY	AMPS/PHASE	HEATING CAPACITY	No. OF ELEMENTS
	kW	VOLTS	AMPS	$\Delta T 50^{\circ}\text{C}$ l/hr	(4.8kW)
1	14.4	415	25	240	3
2	28.8	415	50	480	6
3	43.2	415	75	720	9
4	57.6	415	100	960	12
5	72	415	125	1200	15
6	86.4	415	150	1440	18
7	100.8	415	175	1680	21
8	115.2	415	200	1920	24

ELECTRICAL SUPPLY MUST INCLUDE ACTIVE(S), NEUTRAL & EARTH

Tanks may be connected in parallel for greater versatility and output

NOTE: heater outputs calculated on a cold inlet temperature of  $15^{\circ}\text{C}$

Care has been taken to ensure that all information is as accurate as possible at the time of publication. However, specifications, methods and figures are subject to change without prior notice.

DISTRIBUTOR:



For more information

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Call Service 1300 132 948 (Australia only)



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