

Technical Data

The Edwards GTS all climate solution is a split solar water heater with roof mounted solar collectors and a ground mounted storage cylinder. It is suitable for use in low to high solar gain areas. The heat exchange design makes it suitable for regions prone to frost, protecting the collectors from damage that may be caused by freezing. During periods of solar gain, the solar transfer fluid is pumped through the solar collectors to capture the sun's energy. When the water in the solar tank is up to temperature, the solar transfer fluid drains back down into the cylinders heat exchanger.

The GTS Series 2 also offers the convenience of dual temperature outlets. A tempering valve is incorporated into the product design for plumbing to ablution areas, whilst the hot water outlet can be plumbed to the kitchen and laundry.



FEATURES INCLUDE:

- Ground mounted cylinder ensures easy installation and provides flexibility in location
- Solar flow and return lines that connect to the top of the cylinder to ensure a tidy, uncluttered installation
- Solar controller located within the cylinder casing improves visual impact of installation
- Tempering valve supplied for water supply to ablutions
- A system that is suitable to be installed in frost prone areas
- A 5 star rated Instantaneous gas booster

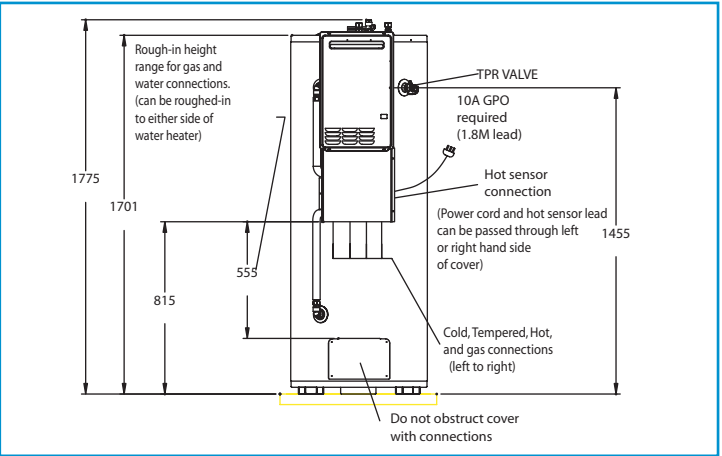
BENEFITS:

- Hot water available in all weather conditions
- Energy consumption reduced for water heating by 50% - 75%*
- Eligibility for environmental incentives
- Reduction in fossil fuel consumption helps the environment and reduces CO₂ production
- 5 year warranty†
- Compact cylinder design

Solar Storage Tank			
Tank model			GTS270
Storage capacity	litres / US gal		270 / 71
Boost capacity	litres/min		26
(@ 25°C rise)	US gal/min		6.9
Weight	empty	kg / lbs	167 / 368
Weight	full	kg / lbs	437 / 963

Gas Boost Specifications			
Booster type			electronic instantaneous
Booster size		Litres/min	26
Supply voltage*		Volts	240 (50 Hz)
Min. flow rate		Litres/min	3.0
		US gal/min	0.8
Frost protection			standard
Thermal input			
	natural	MJ/h	199
	propane	MJ/h	199
Gas connection			R3/4/20
Gas pressure			
Maximum		kPa	3.5
Minimum	natural	kPa	1.13
	propane	kPa	2.75

* A weatherproof GPO is required within 1.2m of the water heater



* Savings of 50% - 75% shown are for the GTS2702 and are based on Australian Government approved TRNSYS simulation modelling. Savings and incentives will vary depending upon your location, type of Edwards system installed, orientation and inclination of the solar collectors, type of water heater being replaced, hot water consumption and fuel tariff. Maximum financial savings off your hot water bill are achievable when replacing an electric water heater on continuous tariff.

1 Warranty details: 5/3/1, 5 year cylinder, collectors and heat exchanger, 3 year labour on cylinder and heat exchanger, 1 year parts including labour, 1 year labour on collectors; applies to a single family dwelling only. All other applications have a 3/1/1, 3 years cylinder, 1 year collectors, 1 year parts and labour.

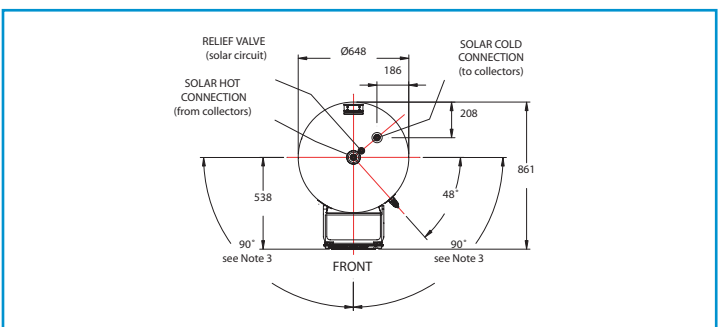
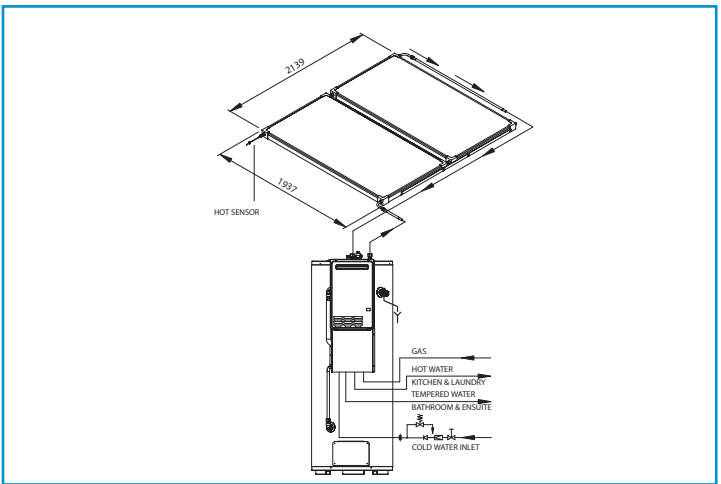
Your local distributor:

Technical information provided is subject to change without notice.

Water Supply				
TPR valve setting	kPa	1000	psi	145
ECV* setting	kPa	850	psi	125
Max. supply pressure with ECV	kPa	680	psi	100
Max. supply pressure without ECV	kPa	800	psi	115
Min. supply pressure	kPa	140	psi	20
Water connections	cold	RP3/4/20		
	hot	RP3/4/20		
	warm	RP3/4/20		
Closed circuit	solar	DN15 compression fitting		

* ECV is not supplied

Collector Information			
Roof Area Dimension		2	3
Length	m	2.0	2.0
	in	78.8	78.8
Width	m	2.3	3.4
	in	90.6	133.9



For sales assistance call 132 949 (Australia Only)
For International Enquires
 Tel +61 8 9351 4600
 Fax +61 8 9351 8034
 Website www.edwards.com.au
 Email info@edwards.com.au
 ABN 21 098 823 511

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