

INTELLIGENT HYBRID™

Gas Boosted Solar Hot Water

Intelligent Hybrid™ Solar is a new revolution in gas assisted solar water heating. Combining the top performing solar hot water system with an ultra efficient, on-demand gas backup. The Intelligent Hybrid™ delivers a constant stream of mains pressure hot water* with zero water wastage or energy losses on startup. It has low mega-joule gas consumption, while being able to maintain unparalleled solar efficiency and hot water delivery.

Gas Boosted Comparison

SYSTEM	GAS USAGE (MJ PER ANNUM)	GREENHOUSE GAS EMISSIONS (TONNES PER ANNUM)
SOLAR GAS, TANK BOOSTED (NG)	3,399	0.27
3 STAR GAS STORAGE (NG)	22,680	1.25

Data obtained from www.resourcesmart.vic.gov.au - Estimated Hot Water Running Costs (Aug 2010) - Medium household zone 3



- ✓ Continuous mains pressure hot water on demand
- ✓ Intelligent patented Hotlogic® controller optimises lowest cost energy supply
- ✓ Patented panel management protects the system from overheating in summer and provides frost protection in winter without the need for frost valves
- ✓ Low mega-joule consumption burner
- ✓ Zero water wastage during start-up cycle
- ✓ High efficiency polyurethane insulated storage tank

*as required by Australian Standards

THE ECOSMART ADVANTAGE

Save money, save energy and save the environment by installing a next generation technology EcoSmart Solar Hot Water system.

An EcoSmart Solar Hot Water system can slash the average household's water heating bill by 85%* - that's up to 310 days free hot water every year - as well as help eliminate tonnes of potentially damaging greenhouse gases from our environment.

Savings based on data in comparison chart - 85% efficiency in zone 3 model EN15DT2DC dependent on orientation and conditions. Excludes water costs.

Whether you are building a new home or replacing an existing system, you can rely on EcoSmart for a full range of gas and electric boosted Solar Hot Water systems, as well as the environmentally friendly Solar Heat Pump.

EcoSmart units are built tough to withstand Australia's harsh conditions from outback heat to extreme frost.



ecosmart.com.au

Ph: 133 326

TECHNICAL INFORMATION

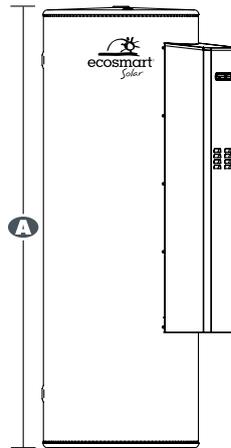
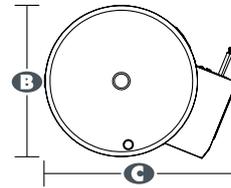
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Primary Solar Reserve (litres)	322
Gas Consumption (Mj/hr)	45
1st Hour Delivery ¹ (litres)	480
Net Weight Empty (kg)	106
Dimensions (mm)	
A Overall Height	1754
B Tank Diameter	617
C Tank Depth (incl Solar Module)	770
Relief Valve Pressure (kPa)	1000
Capacity	
Performance	
Solar Collectors	
Collector Height (approx) (mm)	2000
Collector Width (approx) (mm)	1000
Glass	Tempered Low Iron
Glass Thickness (mm)	3.2
Max Temperature of operation (°C)	210
System Details	
Tempering Valve	Reliance "HeatGuard Ultra"
Pipe Connection (nominal mm)	
Cold	20
Hot	20
Collector to tank	15
Gas Inlet Connection	15
Mains Voltage (V)	230/240
Gas type	Natural or LPG
Warranty*	
Tank Warranty	5 years (1yr parts/labour)
Collector Warranty	7 years (1yr parts/labour)

¹ Showering temperature at 40°C
Size figures are based on environment averages which can effect the performance of solar and heat pump heaters. Adult icon may represent a dishwasher or washing machine. An adult icon does not represent a spa bath.
*Warranty: Warranty terms and conditions are in the product's Owners Manual, visit www.ecosmart.com.au/ warranty for full details and conditions which apply.

315L - EN15DT2DC	2	38	42	35	30
315L - EN15DT3DC	3	44	45	44	38

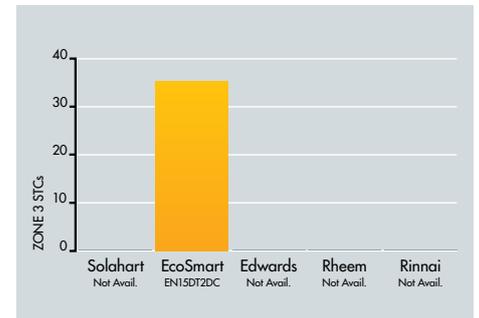
Calculations are based on EcoSmart 2AP style collector. STC calculations for gas boosted units are based on Continuous Tariff. STC values are subject to change without notice and are correct at time of printing.



IT'S OFFICIAL, WE WILL SAVE YOU MORE ENERGY

The Clean Energy Regulator's register of Solar Hot Water heaters lists EcoSmart's Intelligent Hybrid™ Gas systems as having one of the highest STCs when compared to similar systems - meaning more savings for you.

The graph below shows just how efficient EcoSmart products truly are.



No comparison is possible, as neither Rheem, Solahart, Edwards nor Rinnai manufacture an pre-tank gas boosted solar hot water system. V17.

When you add up the benefits, installing an EcoSmart Hot Water system really is the smart choice for savings and energy efficiency.

- Superior efficiency
- High STC values
- Rebates taken care of
- Environmentally friendly
- The best advice
- Superior installation
- Built tough for Aussie conditions
- Guaranteed hot water in 24 hours



DID YOU KNOW?

As a guarantee of performance all EcoSmart solar water heaters are supplied with a genuine Reliance brand EcoSmart solar tempering valve. These valves have been adjusted to EcoSmart specification to ensure maximum hot water delivery.

