

300-MS Solar Heat Pump Hot Water Service

The 300-MS is the "*Mercedes*" of domestic Solar hot water systems, and it does not require solar collectors on your roof!

(Installation is simple, and can be performed by any licensed plumber[#])

With its 300Lt storage tank, it is suitable for up to 5 people in a 3-bedroom, 2-bathroom home on day-rate tariff. *(3-4 people if on off-peak tariff)*

The tank is made from mild steel, with a hi-density enamel lining. Similar to a standard electric HWS, it employs a sacrificial anode which should be inspected every 3-5 years and replaced if necessary.

The 300-MS is an excellent choice for areas with poor water quality, and/or limited power availability. (The system only draws 520watts)

The hot water recovery rate is 30-60Lt/hr, depending on ambient air temperature.

The 300-MS is a fully accredited Solar hot water service attracting solar rebates:



Model Number	Tank Size	Unit Price Before Rebates	RECs Rebates - ALL				Federal Electric Change Rebate	VIC Metro Elec Change @ \$9/VEEC	VIC Rural Elec Change @ \$9/VEEC	NSW Elec Change	Hobart City TAS Elec Change	QLD Elec Change	
			Zone 1	Zone 2	Zone 3	Zone 4						Std	Pens/ Conc.
300-MS	300Lt	*\$3810	30	24	30	30	\$600	\$405	\$432	\$300	\$500	\$600	\$1000

**price current as at August 2010, subject to change without notice, and does not include delivery or installation.*

Main features:

1. Due to its very low energy input and high energy output, (COP) it has a very low ongoing cost of operation, leading to a rapid payback period. Typically it costs around 20-30c/person/day to operate.
2. Ease of installation - **NO ROOF MOUNTED COLLECTOR PANELS!** (simple to install) No need to install a tank or panels on your roof.
3. The 300-MS is a compact unit with the heat pump integrated into the main tank casing.
4. They are designed to be installed outside* at ground level, which reduces installation time and cost. (they can be installed inside but require a volume approx. equal to a 2 car garage)
5. No need to be installed in direct sunlight. Because it extracts heat energy from the air, it can produce low cost hot water 24hrs/day 365days/year - even at night and when it is raining.
6. The Mild Steel tank has a 5yr warranty (2yr warranty on heat pump/compressor)
7. Fully imported - Made in Germany by AEG.

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