



## Solar Hot Water Checklist

Feature	Superior Solar			Other
<b>RECS</b>	All Superior Solar products have the highest REC value for their category	RECS is an independent value assigned according to the systems specifications – Higher the RECS the greatest performance, lowest CO2 emissions and lowest running costs		
<b>Tailored for your home</b>	Individual site assessment for maximum exposure to the sun thru out the year	Positioning of the panels including orientation angles is critical to achieving maximum performance from your investment. We use the Solar Path Finder to accurately plot sun & shade thru out the year to determine the best position.		
<b>Solar Panels</b>	Extruded, marine grade 1.6 mm aluminium casings	This will prevent corrosion of casing. Most panel casings only comprise of folded sheets of aluminium or zincalume which are only 0.6mm thick		
	Ultrasonically welded 100% full copper collectors	Full copper means higher performance & no dissimilar metals preventing electrolysis & corrosion. Most panels only include steel or aluminium back plate with copper risers		
	Chemically bonded selective surface	A selective surface maximises heat retention & efficiency. Most panels only have black carbon paint applied.		
	Low ironed, toughened glass	This ensures your panels are less prone to damage from impact of foreign debris		
	Solid brass connectors	Only solid brass connectors have stood the test of time without breaking down and leaking. Most systems only include a brass connector but rely on the use of rubber o-rings or fibre washers to seal the joint		
	Frost tolerant options	Frost can damage your solar panels so it is critical to have a system that is tailored to frost prone conditions		
<b>Tanks</b>	Australian made, vitreous enamel or stainless steel tanks	Australian designed and engineered for Australia's harsh and mostly coastal conditions		
<b>Boosting</b>	All our solar hot water systems can be either gas or electric boosted	If using a gas booster, then the genuine Rinnai infinity is the most economical to run & has proven itself outperforming & outlasting all other gas boosters on the market		
<b>Service</b>	We guarantee our product with an after hours emergency service	Superior Solar is locally owned & based so that we can provide the highest possible service standard or installation with a full guarantee.		
<b>FREE onsite consult &amp; quote</b>	How much water each household uses is different and each home is unique, so no one system is perfect for everyone. The solar hot water system you choose must match and exceed your needs to ensure you have continuous hot water and be reliable for a long time into the future. Superior Solar can help you create the best possible solution for your home and family.			