

SOLAR WATER HEATING SYSTEM

SolarGenius



FOR MORE INFORMATION ABOUT SolarGenius OR TO PLACE AN ORDER PHONE:

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SLASH YOUR WATER HEATING COSTS

Save with SolarGenius

SLASH YOUR WATER HEATING COSTS

Harnessing solar energy using a SolarGenius Hot Water System will save you between 50% and 75% of your household water heating bill.

In most homes, domestic hot water is usually provided by an electric or gas-fired water heater. Heating water with electricity is expensive and will become even more costly as the price of fossil fuels used to generate it continues to climb. Although heating water with gas is less expensive than heating with electricity, prices will continue to increase and burning gas still contributes to pollution and global warming.

In contrast, combined with an electric backup unit, the SolarGenius can reduce the requirement for conventional water heating by 50% or more. The total amount saved will depend on your household's hot water consumption, and the amount of sunshine the collectors receive daily and throughout the year.

PAYBACK IS FASTER WITH SOLARGENIUS

The cost of replacing your current hot water cylinder with a SolarGenius Hot Water System can be as little as \$3,000. This investment can be recouped within three to six years, depending on your hot water requirements, your location and the prices you pay for energy in your region.

Remember your payback time will decrease as energy prices increase.

Savings will also continue for many years after payback has been achieved as the SolarGenius is designed to operate more than 15 years with little or no maintenance*.

*Mains Pressure Hot Water Cylinders are normally designed with a lifetime of only 10 years.

DO YOUR PART FOR THE ENVIRONMENT WITH SOLARGENIUS

Let your water be heated by the sun (think free energy!), instead of fossil fuels. The SolarGenius Hot Water System emits none of the pollutants and greenhouse gases – carbon dioxide, nitrous oxides, sulphur oxides – that are produced when natural gas or oil is burned. If you are interested in renewable energy and want to get involved somewhere, the SolarGenius is probably the best place to start. It makes the biggest impact at the lowest investment.

MANUFACTURED BY SOLCO

Solco is a public listed company on the ASX with over 15 years' experience in the solar water heating industry and is a leader in efficient solar water heating technology.

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Smart Solar Shopping

IF YOU'RE HAUNTED BY HORROR STORIES OF FLY-BY-NIGHT INSTALLERS LEAVING UNWITTING HOMEOWNERS WITH POORLY DESIGNED, DIFFICULT-TO-MAINTAIN SYSTEMS – IT'S TIME TO SHED YOUR FEARS. HERE ARE TEN REASONS WHY SOLARGENIUS IS THE SMART CHOICE:

1. SolarGenius comes with a lifetime warranty against rust and corrosion regardless of water conditions. Unlike all other solar water heaters, SolarGenius is made from UV-stabilised polyethylene. Most other solar water heaters are made from marine-grade stainless, mild steel or copper which will eventually corrode.
2. SolarGenius does not contain sacrificial anodes which are used in many metal solar water heaters to extend their life. Sacrificial anodes contain heavy metals and eventually decay, contaminating your drinking water.
3. SolarGenius can only be installed and maintained by Exel-Accredited Registered Plumbers. All installers undertake comprehensive training in the installation and maintenance of SolarGenius, so you can rest assured that a SolarGenius Hot Water System will give you many years of hassle-free, uninterrupted hot water.
4. SolarGenius requires only two plumbing fittings, so it is easier and cheaper to install than other systems. It also weighs 110kg when empty and only 405kg when full. Other solar water heaters can weigh up to 750kg when full and require special bracing of the roof before they can be installed.
5. SolarGenius is not affected by hard or calcified water supplies common in many parts of New Zealand. Hard water not only corrodes metals, but calcites bond chemically with metal and eventually clog pipes and block the water system. Metal solar water heaters come with restrictive warranties, conditional on water quality.
6. SolarGenius is 100% freeze proof, requiring no additives. Most areas in New Zealand are affected by frost. When water freezes it expands and can burst steel and copper pipes. Most solar water heaters contain some sort of frost protection, such as the addition of radiator type inhibitors to the heating jacket. If the jacket leaks due to failure of the seals, the glycol can cause corrosion of the metal and contaminate your water supply.
7. SolarGenius comes in 200 and 300 litre models, with a variety of options – Gravity Feed or Pressure System. The 200 litre model is recommended for a small family of two or three people, and the 300 litre model will deliver ample hot water for a larger family.
8. SolarGenius is designed to save valuable water resources by using less water than high pressure metal heaters, which can boil and waste 300 litres per day through relief valves.
9. SolarGenius is designed and manufactured to AS/NZS2712 and carries the WaterMark from SAI Global.
10. SolarGenius is brought to you by Exel, a leading supplier of advanced plumbing systems in New Zealand and Australia.