



The **pod**™

Solar water heating with added



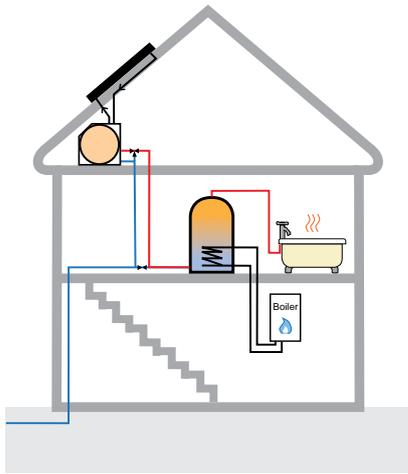
install-ability

- Reduce disruption in the home
- Slash installation times
- Works with any heating system
 - Fits through a standard loft hatch
 - Installs in the tightest spots

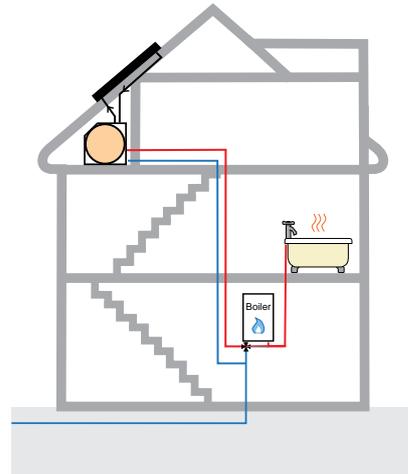
Solar Water Heating Made Simple

Available in models that work with either solar heating or solar electric panels, the Pod from Viridian Solar has been developed to greatly simplify installation of solar water heating into existing homes. The Pod is a solar heat store where cold water is pre-heated as it flows through a coiled pipe inside the unit before being sent on to either an existing hot water cylinder or a combi-boiler, greatly reducing energy bills for hot water preparation.

The Pod fits through a standard loft hatch and the only work inside the inhabited space is to break into the cold water supply to the existing hot water system. Labour time, disruption to the household and the need for making good are all reduced.



Where the household already has a hot water cylinder, the Pod heats the water feed into the cylinder.



Where the household has a combi boiler and no hot water cylinder, the Pod heats the water feed to the boiler via a thermostatic by-pass valve.

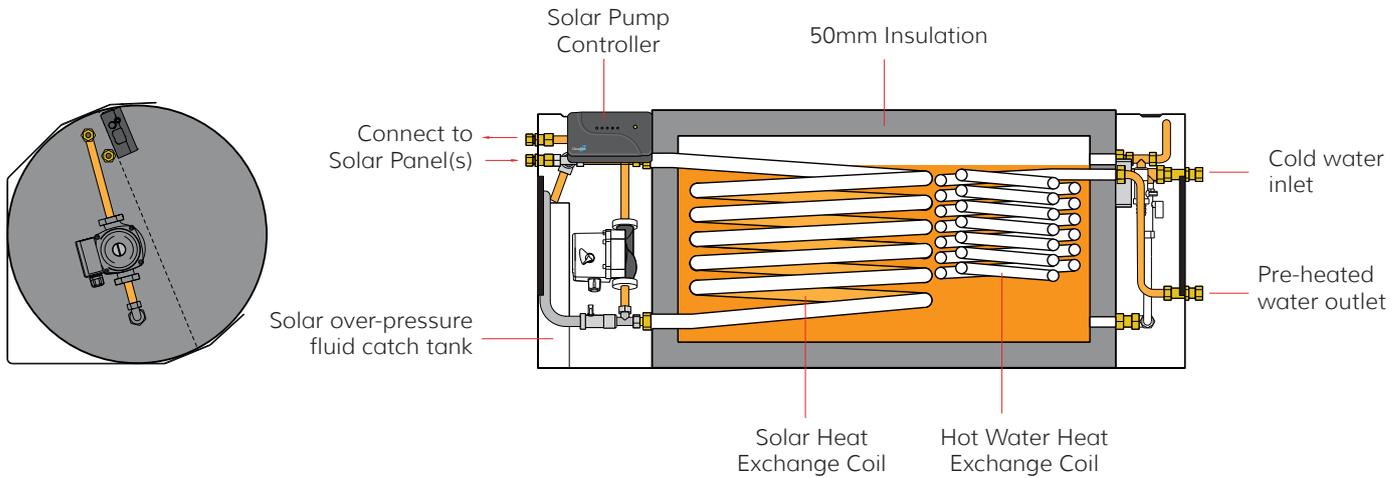
The Pod also reduces the work required to survey a property. An installer can, in effect, have everything they need in their van irrespective of what domestic heating system they may find in a property.

Specification

Model		POD-ST	POD-PV
Volume	litres	100	100
Length	mm	1,250	1,250
Width	mm	500	500
Height	mm	500	500
Weight (empty)	kg	60	55
Weight (empty, lid off)	kg	55	50
Weight (full)	kg	154	150
Solar coil surface area	m ²	0.4	N/A
Hot water coil surface area	m ²	1.6	1.6
Heat loss	kWh/24h 65C	1.5	1.5



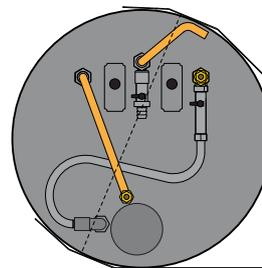
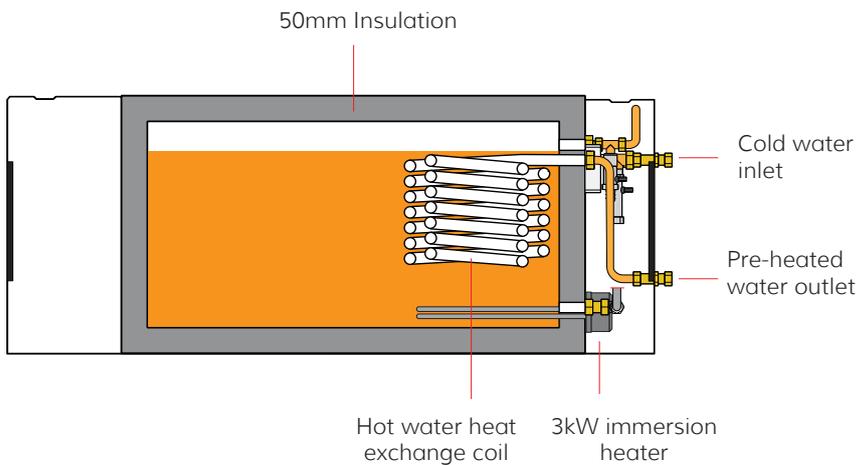
podST



Pod ST eliminates the time-consuming replacement of an existing cylinder with a twin-coil cylinder and simplifies integration with combi-boilers. Pump, solar controller, pressure relief valve and over-pressure catch tank are all integrated into the Pod. The large volume solar heat exchange coil can act as a drainback vessel so the system is good to go as a drainback solar installation - just fill up and connect to the solar panels. Where a pressurised installation is preferred, a conversion kit including a filling valve set, pressure gauge and expansion vessel is available.



pod^{PV}



Many people with PV solar installations are finding that they cannot use all the electricity produced themselves. Products are available to divert excess electricity to an immersion heater, instead of exporting it for others to use. However, simply using the immersion in an existing cylinder is not an optimal solution because it is in competition with the boiler. If the boiler has already heated the water, there's nowhere to put the solar energy. Pod PV solves this by providing a volume dedicated only to the solar and also provides an opportunity for people with a PV system and a combi-boiler to benefit from their excess solar electricity in this way.

solar never looked so good



Viridian Solar also manufactures a range of beautiful, roof integrated solar heating and solar photovoltaic panels.

available from

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