



*heating and plumbing products
that won't cost the **earth***

solarvert
solar conversion heat exchanger
July 2010



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The Solavert solar conversion coil provides a semi-solar solution. This is intended for those situations where the installation of a full solar system has been dismissed for various reasons.

For example, there may not be enough room for a larger tank, or sufficient funds for a full solar system may not be available.

It is intended to allow the upgrade of an existing DHWS copper cylinder - either a 36x18 or 42x18 size, converting it to accept solar heating from a solar collector. It's fitted into the top entry connection point for the Immersion Heater.

Key features:

- 0.5 sq metre stainless steel heat exchanger coil
- 304 grade stainless steel coil
- DZR brass header
- 15mm compression connections
- 1¼" access plug
- Optional Immersion Heater
- Versions for 36" (900mm) and 42" (1050mm) high vertical cylinders

Important information

For systems without a permanent dedicated solar volume, the following should be carefully considered when designing the system and before commencing any installation.

It is important to ensure that the system to which the solarvert is being fitted meets the following requirements in full.

Good control of the auxiliary heating.

The auxiliary heating must be programmed to come on soon after sunset only. Any further heating must be manual over-ride boost only.

Education for the householder

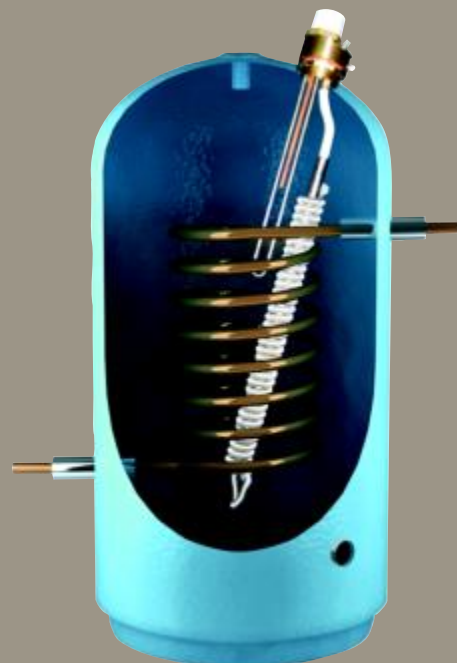
Make sure the householder understands the importance of controlling the auxiliary heating correctly & leave clear instruction labels near the solar & heating control panels.

Check the cylinder

Make sure the existing cylinder is fit for purpose. There must be no obvious signs of leaks or corrosion, & the tank must be well insulated. For tanks without the BS1566:1-2002 sticker, an additional insulating jacket made to BS5615:1985 must be fitted.



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solarvert installed

