

USE OF SOLARSMART WITH EXISTING BOILERS

SolarSmart is a unique patented solar system design. Under normal conditions for optimum performance we would recommend that the system be installed in conjunction with an Alpha combination boiler (either existing or new).

The SolarSmart 90 system is only designed to work in conjunction with a combination boiler. The system will work satisfactorily when connected to existing installations of other manufacturers' combination boilers provided that the following conditions are strictly adhered to:

- It is the sole responsibility of the client / installer to ensure that all materials and component parts on both the mains inlet to the boiler and within the potable water circuit within the boiler have WRAS approval confirming that they are capable of withstanding temperatures of at least 70 degrees Celcius.
- If the boiler is still under warranty or is covered by an existing annual maintenance plan, the manufacturer concerned or the service provider **must be contacted** for approval by the client / installer for the use of the Alpha SolarSmart system with their boiler **prior to installation of the SolarSmart system**. Failure to do this may invalidate the boiler manufacturers' or service provider's warranty on the appliance.
- If the boiler is outside the manufacturers' warranty period and the client / installer has ensured that the appliance is "solar compatible" (as defined in the above paragraph), no further approval needs to be gained from the boiler manufacturer concerned. We would however, suggest it may still be advisable to contact the manufacturer to enquire whether the appliance concerned is "solar compatible" prior to proceeding with the installation of the SolarSmart system.
- In all the cases the "Solar Valve" **must** be installed to the mains water inlet of the combination boiler. **Please note:** The "Solar Valve" incorporates a filling loop connection. If this connection is not used for the filling loop it must be capped off prior to use / connection to the incoming mains supply.
- In all cases the hot water thermostat on the combination boiler must be set to its maximum setting (i.e. **at least 60°C**). A self-adhesive label is supplied within the "Solar Valve" kit for this purpose. This label **must** be located over the DHW thermostat dial on the boiler fascia to prevent the thermostat from being adjusted to a lower setting by the end user.

Alpha Therm Limited offers a 10 year parts and labour warranty on the solar collector and cylinder. A 3-year warranty is offered on the drain back unit as standard. These warranties apply whether the system is connected to an Alpha combination boiler or another manufacturers' appliance.

However, where the SolarSmart system is installed and connected to an existing combination boiler other than an Alpha, Alpha Therm Limited offers no warranty on the boiler concerned. In addition no responsibility for the performance of the combination boiler can be implied if the SolarSmart system is connected to a combination boiler manufactured by anyone other than Alpha (even if the above guidance is adhered to).