Illustration of solar booster valve installation method

How does the solar iboost+ heater work?
As hot water is drawn from the upper part of the tank,it is important the heaters are connected as described so that the Solar iBoost+can automatically give heating priority to the top heater. Excess generation is diverted to the top heater until temperature is reached and the heater thermostat opens.

Can a solar storage tank be heated by a booster heating unit?
Water stored in the solar storage tank can be heatedby an electric booster heating unit. The booster heating unit is for heating the water at times of low solar energy gain,such as during very cloudy or rainy weather,or during the colder months.

How do I set up a solar iboost?
DO NOT PRESS THE BUTTON ON THE SENDER OR PAIRING WILL BE LOST. Fit the plug from the Measurement Clamp wire into the Sender. Stand 1-2m away from the Solar iBoost and fit the batteries. Switch on the power to the Solar iBoost. A set up procedure runs and the 2 devices connect automatically, usually within 30 seconds.

How do you insulate a Sunstat valve?
Extend the cold water line from the expansion control valve to the cold water inlet fitting on the Sunstat valve. The valve must be insulated with closed cell polymer insulation or similar (minimum thickness 9 mm) and the insulation installed so as not to impede the operation of the valve.

How do I connect my solar iboost+ to my hot water tank?
Locate the Solar iBoost+close to the hot water tank and connect electrically between a fused outlet or MCB and the immersion heater(s). Keep cable distances to a minimum whilst ensuring they are secured to prevent connection movement in service. minimum 100mm clearance on each side. Do not allow airflow to be obstructed.

How many valves do I need for a solar water pump?
It is recommended that the solar water pumping system be simple and includes no more than a foot (non-return) valve and one or two gate valves. Typically,the result will be adding 3 to 5 metres to the static head to obtain an estimate of the total dynamic head.

This manual pertains only to the installation and operation of the solar collector. Details for the installation, operation and maintenance of the complete solar gas/electric water heating system including, but not limited to storage tank, gas/electric ...

Page 7 Open the gas isolation valve fully at the inlet to the water heater. o Plug in the water heater at the

power outlet and switch on the electrical supply. The power outlet must be switched on ...

This guideline provides the minimum knowledge required when designing, selecting and installing a solar water pumping system. When designing a solar pumping system, the designer must ...

This manual contains basic instructions for the installation, operation and maintenance of the solar booster tank only. Read it carefully before using the solar tank, then keep it handy for quick ...

The following instructions are for the installation of a Split solar hot water system/s, being the panels are mounted on the roof of the dwelling and the solar tank is located either internally or ...

This water heater is designed to be installed as an electric boosted solar water heater with its booster heating unit connected to a power supply, however it may be installed with an in-series continuous flow or storage booster. If this water heater is installed with an in-series booster, then the electric booster heating unit will not be

Check that the Water Booster piping network is complete with proper valves, drains, vents, strainers, pressure switches & instruments in place as per final approved shop drawing. Ensure that the Water Booster network is hydraulically pressure tested and approved. Ensure that the entire system is cleaned internally & externally.

These instructions provide information on the installation, operation and programming of the unit. Please keep this booklet safe for future reference. The Solar iBoost is designed to be used in conjunction with micro-generation systems, e.g. solar PV, where surplus energy generated can be stored within a domestic hot water

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