

You can rely on **POTTERTON**

Potterton **Solar** Homeowner Guide



POTTON

A warm welcome to Potterton Solar

Your new Potterton Solar thermal domestic heating system uses the latest cutting-edge technology to bring you a hot water solution that is energy efficient, environmentally friendly and easy to use.

When your system was installed the installer should have fully commissioned the system and left it in working order. Following this they should have explained the system, its function and control to you, as well as handing over all the relevant documentation including service, maintenance and user instructions.

How it works

The Potterton Solar hot water system is based on trusted 'indirect' water heating technology. Solar energy is absorbed by one or more flat plate roof collectors (solar panels) mounted either 'on-roof' or 'in-roof'. This then heats a solar fluid which circulates to a coil inside the cylinder, which in turn provides hot water.

The solar panels have a sealed glass cover which is transparent to solar radiation – so energy can be collected all year round. The average home in the UK can receive up to 60% of its annual hot water requirement from a solar water heating system, with the balance provided by an auxiliary heating source such as a gas boiler or electric immersion heater.

1. Solar panel (Note: larger cylinders may have 2 or 3 panels connected)
2. Solar Hydraulic Station
3. Solar Differential Temperature controller (Note: May be mounted remotely from Hydraulic Station)
4. Solar Expansion Vessel
5. Solar Cylinder
6. Gas Boiler
7. Solar Cylinder cold water controls (Note: May not be fitted if using a cistern fed vented cylinder)
8. Balanced cold water supply



System operation

The operating settings of your Potterton Solar domestic hot water heating system will have been set up by your installer. For the system to operate correctly and efficiently these settings should not be altered.

If you are in any doubt please contact a qualified solar installation engineer as alteration of some settings could adversely affect the system's operation.

There are several important notes which you should read carefully in the User Guide under section 5.0.

Using the controller

You can operate and programme the Potterton Solar Differential Temperature Controller by means of four operating buttons. Pressing these buttons allows you to recall display values and carry out controller adjustments.

The graphic symbols on the large display take you through the operating structure step by step and show clearly the current menu options, display values or parameters. A full explanation of the graphic symbols can be found in the User Guide under section 4.0.

Please do not attempt to re-programme the system as altering some of the settings could adversely affect the operation and invalidate your warranty.



Faults, servicing & maintenance

In the event of a system fault the controller will display certain information. This will help you to describe the nature of the fault to the Service Engineer.

You should not attempt to rectify the fault yourself, but should contact Potterton Aftersales Service or a qualified solar heating engineer.

Potterton Solar is relatively maintenance free but should be serviced annually by a qualified engineer in order to ensure the system's continued safe and efficient operation. Any maintenance or servicing should be recorded in the Commissioning Maintenance and Servicing Guide supplied with the Potterton Solar.

In addition, the concentration of the solar thermal transfer fluid should be checked and topped up or replaced as necessary every two years. This is a maintenance requirement and is not covered under the installation cost of Potterton Solar.

Failure to maintain the system may invalidate your warranty.

Guarantee

As ever, reliability is at the forefront of our minds. Our 10-year guarantee ensures that the Potterton Solar range is one of the most trustworthy options available. For your added peace of mind, Potterton Solar panels are also backed by the Solar Key Mark approval.

For efficiency, quality, reliability and renewable energy... you can rely on Potterton.

Contacts:

General Enquiries Tel: 0844 8711 560

Please note - calls to the contact centre may be recorded or monitored.

Potterton

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