

**Central Heating Controls**

# Sundial S Plan

## Central Heating Controls

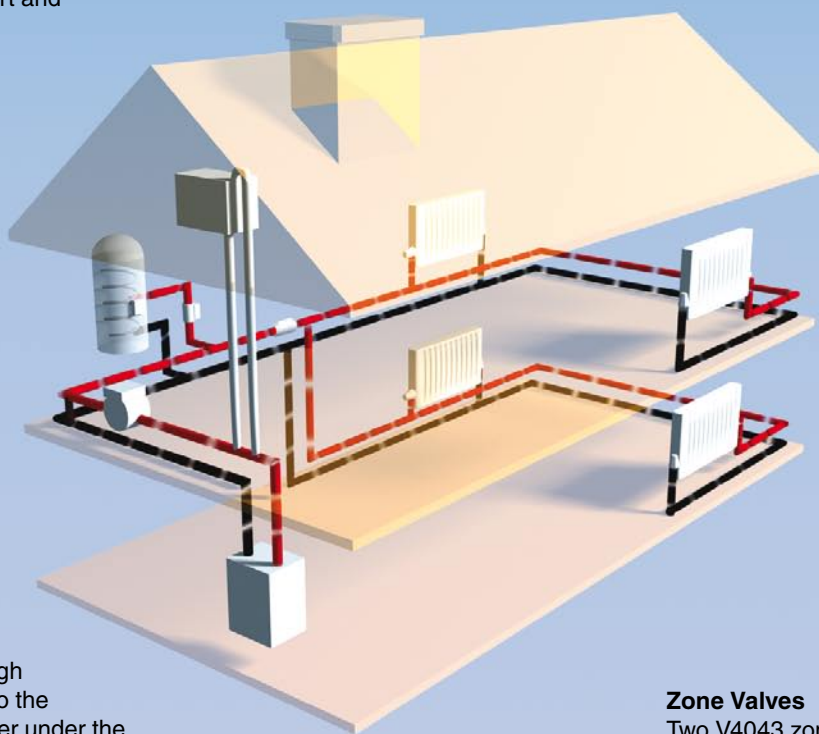
**The Sundial S Plan is suitable for all fully pumped installations with two primary circuits, usually one for heating and one for domestic hot water. Additional zones may be added.**

Your central heating system has been designed to cope with the coldest weather conditions likely to be experienced in your area. However, for much of the heating season the outside air temperature will be above these extreme conditions and your

heating system is then able to supply more heat than you need and unwanted overheating may occur. To ensure that your home is kept comfortably warm while minimising running costs it is essential that an effective control system is fitted.

### Cylinder Thermostat

Fitted on the domestic hot water storage cylinder, the L641 thermostat will limit the water temperature to the level you need for the comfort and safety of your family.



This simplified illustration shows the principal components in your heating system. Water heated in the boiler is circulated through the pipework by the pump, to the radiators and storage cylinder under the control of the zone valves.

Sundial S Plan satisfies the requirements of the Building Regulations Part L with the addition of a programmer from the ST9000 range.



### Room Thermostat

Located in a central point in your home, usually in the hall or main living room, the T6360 room thermostat will sense and control the air temperature at the level you desire.



### Zone Valves

Two V4043 zone valves are controlled by the room and cylinder thermostats so that water from the boiler flows to the radiators and storage cylinder only when required.



Energy Efficiency recommends this product when installed according to Government Good Practice Guide 302.

A Sundial S Plan, together with a suitable time control, will ensure that both living space and stored domestic hot water temperatures are maintained at the levels you desire. The thermostats and zone valves that make up the Sundial S Plan will work together to ensure that the pump and boiler only operate when needed, not only preventing overheating of your home, but also keeping running costs to a minimum. Good for you – and the environment.

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