

CHOICE - RSTAT2 - Electronic Room Thermostat

Placement of Thermostat

Your electronic room thermostat should be placed somewhere convenient, so it is easy to access. Mount the thermostat approximately 1.5M (5 ft) off the floor. If at all possible, the thermostat should be situated on an inside wall as an outside wall can affect their readings, as can other sources of heat such as radiators, fire places or other heat sources. Care should be taken not to site the thermostat in direct sunlight. Thermostats need good air circulation in order to properly sense the room temperature, so avoid situating the thermostat next to curtains or furnishings and away from any draughts.

Fixing

1. Slacken the securing screws and remove the wallplate.
2. Fix the wall-plate, terminals at the top, either direct onto a flat wall using wall plugs and screws or on a flush mounting single conduit box using the screws supplied. Route the wires through the back of the wall-plate and fit the wires to the wallplate in accordance with the wiring diagram shown. **This unit must be installed by a suitable competent person in accordance with the latest IEE regulations.**
3. Refit the thermostat onto the wall-plate and tighten the fixing screws.
4. Before reconnecting the mains ensure that an appropriate fuse is fitted to the circuit.

IMPORTANT

The Sangamo Rstat2 is fitted with an electronic relay. Unless 230v mains electrical supply is connected, the relay will not operate, no 'click' will be heard and the call for heat will remain open. It is essential to make a connection to the neutral terminal N.

Setting

Set the desired room temperature on the control knob against the setting mark.

Technical Data

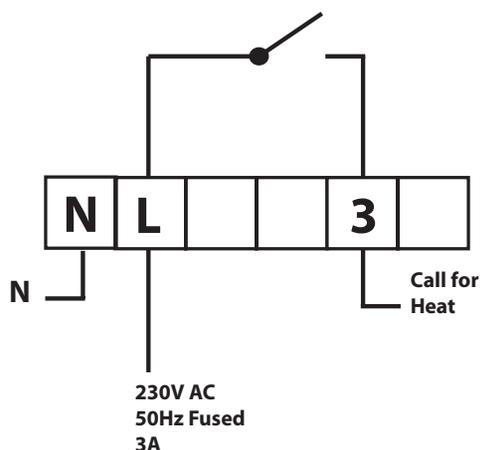
Sensing element: Electronic

Temperature range: 5°C to 35°C

Switch rating: 2(1)A 230V a.c.

Switch type: S.P.S.T.

Differential: <math><0.6^{\circ}\text{C}</math> at 4°/hour



WARNING

The thermostat must not be fitted or removed from the wall-plate unless the mains supply has been isolated to the wall-plate first. A switch having a contact separation of at least 3mm in all poles must be incorporated in the fixed wiring as a means of fully disconnecting the mains supply

THE INTERFERENCE WITH SEALED PARTS RENDERS THE GUARANTEE VOID

What is a room thermostat? ... an explanation for householders

A room thermostat simply switches the heating system on and off as necessary. It works by sensing the air temperature, switching on the heating when the air temperature falls below the thermostat setting and switching it off once this set temperature has been reached.

Turning a room thermostat to a higher setting will not make the room heat up any faster. How quickly the room heats up depends on the design of the heating system, for example, the size of the boiler and radiators.

Neither does the setting affect how quickly the room cools down.

Turning a room thermostat to a lower setting will result in the room being controlled at a lower temperature, and saves energy.

The heating system will not work if a time switch or programmer has switched it off.

The way to set and use your room thermostat is to find the lowest temperature setting that you are comfortable with, and then leave it

alone to do its job. The best way to do this is to set the room thermostat to a low temperature – say 18°C and then turn it up by one degree each day until you are comfortable with the temperature. You won't have to adjust the thermostat further. Any adjustment above this setting will waste energy and cost you more money.

If your heating system is a boiler with radiators, there will usually be only one room thermostat to control the whole house. But you can have different temperatures in individual rooms by installing thermostatic radiator valves (TRV's) on individual radiators. If you don't have TRV's you should choose a temperature that is reasonable for the whole house. If you do have TRV's you can choose a slightly higher setting to make sure that even the coldest room is comfortable, then prevent any overheating in other rooms by adjusting the TRV's.

Room thermostats need a free flow of air to sense the temperature, so they must not be covered by curtains or blocked by furniture.

Nearby electric fires, televisions, wall or table lamps may prevent the thermostat from working properly.

Technical Helpline: 01475 745131



SERVICE AND WARRANTY

Your product is not user serviceable. PLEASE DO NOT TRY TO DISMANTLE THE UNIT. This product is guaranteed by your supplier for 3 years from the Date of Manufacture. If it should become defective, please contact your installer or supplier for a replacement unit or visit www.sangamo.co.uk/returns.

CUSTOMER CARE POLICY

As part of Sangamo's continuous improvement program, the Company operates a Customer Care Policy. This means that we welcome your comments and complaints, as it can help us to improve our services to you, our customer.

Due to our policy of continuous product improvement and development, the specifications in this guide may be subject to change without prior notice.

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