



ROOM THERMOSTAT
TLX 9201 / TLX 9301 / TLX 9401
TLX 9701 TLX 9801



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 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 temperature will waste energy and cost you more money.

If your heating system is a boiler with radiators, there will usually only be one room thermostat to control the whole house. But you can have different temperatures in different rooms by installing thermostatic radiator valves (TRVs) on individual radiators. If you don't have TRVs you should choose a temperature which is reasonable for the whole house. If you do have TRVs 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 TRVs.

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.

Thermostat Position : To be placed at a height of 1.5M from the floor. Do not position on an outside wall, above a radiator, next to a door, or in direct sunlight

FOR FIXED WIRING ONLY

Disconnect mains supply before fitting unit, or removing cover. 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

Installation

1. Slacken the cover fixing screw, remove the cover and control knob as shown.
2. Route wires through back of thermostat. Connect in accordance with wiring fig.2 and to current IEE regulations.
3. Fix control to wall with screws 3mm max.
4. Refit control knob ensuring it is pushed fully home on the spindle
5. Refit cover and tighten fixing screw.
6. Before reconnecting to mains supply, ensure that an appropriate fuse is fitted to the circuit

IMPORTANT : To achieve correct temperature differential terminal 4 **MUST** be connected to Neutral

Technical specification

Contact rating	(1-3) 10(2.5) Amp 250V AC (1-2) 3(1) Amp 250V AC
Temperature range	5 - 30 °C
Contact type	SPDT
Switch action	1C
Differential	< 1°C
Protection rating	IP 30
Working temperature	T40
Storage temperature	-10 - 50°C
Humidity limits	20% - 80% rH
Case material	ABS V0

In line with a policy of continuous product development, Sunvic Controls Ltd reserve the right to change the design specification and materials of products without prior notice.

WARNING

The cover must not be removed unless the thermostat is isolated from the electrical supply
**THE INTERFERENCE WITH SEALED PARTS
RENDERS THE GUARANTEE VOID**



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