

Morco Boost Touch Thermostat



Rental Units

This product was designed to reduce the gas consumption of the central heating system in holiday homes that started their lives as rental units. It works by limiting the time for which a central heating system will work continuously and by limiting the maximum temperature that the heating system will create within the home. The control offered by the system was deemed necessary due to the habit of rental customers turning the heating to maximum, the time clock to 24/7 and then regulating the temperature by opening windows. The gas supply to the rented home is usually paid for by the park and they therefore had a vested interest in limiting the amount of gas used.

Privately Owned Holiday Homes

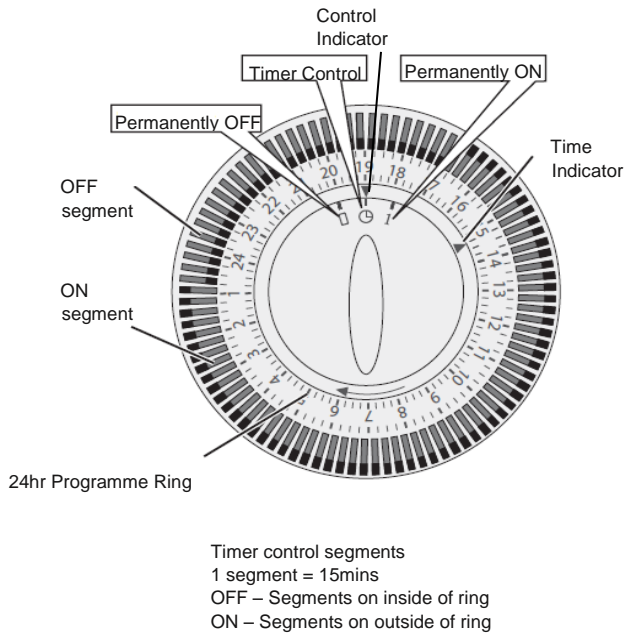
The product was rarely installed in holiday homes intended for private ownership but in recent years a number of homes from rental/hire fleets with these thermostats fitted, have been sold on to private owners. Private owners pay for their own gas bottles and are therefore more likely to control the temperature in the home and the time for which the heating is on. This makes the energy saving function of the boost thermostat potentially redundant and its method of operation may irritate private home owners.

There are three options open to private owners who find the boost thermostat installed in their home:

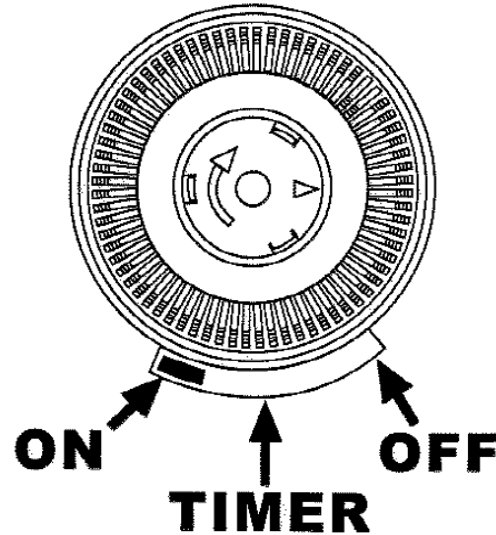
1. Leave the thermostat installed and use it as it was intended. If you are too cold, press the “touch” pad on the control box. If you subsequently become too hot then turn the dial on the control anti-clockwise. Once the touch pad is pressed:
 - The thermostat will allow a temperature of 23 °C to be maintained for 2 hours.
 - After the 2 hours a temperature of 18 °C will be maintained for 10 hours.
 - If the pad is touched during the 10 hour period the system will allow another 2 hours at 23 °C followed by 10 hours at 18 °C.
 - If the pad is not touched during the 10 hours a target temperature of 5°C is applied indefinitely (frost stat). Pressing the touch pad during this period will target 23 °C as before.

- For the system to work in this way the time clock on the boiler must be set to “permanently on” (see below) and the boiler control knobs in the “on” position.

Timer



GB24 Models



FEB24 Models

2. The thermostat can be easily disconnected/removed and the heating can then be controlled by the time clock and the thermostatic radiator valves, TRVs (if fitted). This is best carried out by an electrician as some combi boilers are switched by 230VAC mains electricity. The two switch wires that enter the bottom of the boiler need to be removed and replaced by a small “loop” wire.
3. A replacement thermostat can be fitted in the same place as the boost thermostat and can utilise the wiring between the thermostat and the boiler. (See the accompanying fact sheet for Thermostats Programmable and TRVs). Again it is best to ask a qualified electrician to carry out this work.