

## Rod Type Thermostat

Length: 7"  
Temperature: 40 °C – 70 °C  
Amps: 13

Safety immersion rod thermostat with cut-out, also known as ECO (Energy cut-out).

Designed specifically for use in domestic hot water cylinders. With adjustable temperature control with pre set independent, over temperature cut to prevent boiling

Designed to provide safety and compliance to EN 60335-2-73.

### Notes

Since April 1<sup>st</sup> 2004, all immersion heaters produced and supplied have had to include an ECO. All those heaters already held in stock by merchants and wholesalers at that time did not necessarily include an ECO, and it was the stockists' responsibility to ensure heaters sold after that date had the ECO fitted. After April 2004, it was also illegal for any installer to fit immersion heaters that did not have include an ECO. Obviously, only those installations completed prior to April 1<sup>st</sup> 2004 may need attention.

At some stage, all immersion heater thermostats are liable to fail. Most will fail in the "safe" position i.e. they will simply stop working. However, a considerable minority will fail in the "unsafe position" i.e. they will continue to heat the water until the heater is switched off. There has been widespread publicity that householders should be aware of this problem, indicated by unusually hot water coming from the hot tap, hot water coming from the cold tap, and boiling water noises coming from the hot water cylinder.

All "old-style" heaters can be upgraded to conform to the new Regulations by retro-fitting a thermostat that has a built-in ECO. This is a relatively simple operation, and will not require the removal of the immersion heater from the cylinder. It should only be carried out, however, by a suitably qualified tradesman.

There is a commonly held misconception that the ECO must be manually resettable to comply with the regulations - this is not so. The Regulations state that the ECO must not be self-resetting.

