

Electronic 7 Series 3

Immersion heater control

Electronic 7 is the digital equivalent of the Economy 7 Quartz timer, and is designed for use with Economy 7 and other more recent cheap-rate tariff arrangements. When water is heated by off-peak electricity, it is important that the immersion heater controller offers ease of use, coupled with the most efficient performance. This is where the Electronic 7 Series 3 controller comes into its own.

Electronic 7 is designed to control one or two 3kW immersion heaters, utilising off-peak electricity tariffs to provide a full tank of hot water each morning. Additional off-peak settings are available to take advantage of the latest off-peak tariff arrangements.

A boost button is provided to top-up hot water if supplies run low, and an automatic boost setting to provide a pre-programmed daily boost is also available.



Applications

- For use with cheap rate overnight tariffs such as Economy 7 or similar to provide a tankful of hot water each morning

Benefits

- Can be set to accommodate utility tariffs that offer cheaper electricity periods during the day time
- No clock to reset at Summer and Winter time changes.
- 'Boost' button - ideal for one hour top up without changing the set programme
- 'Boost' element (in the tank) can be programmed so that it will heat only a small part of your tank at a set time each day
- No loss of settings during power outages

Features

- Compatible with most cheap rate or Off-peak tariff structures
- Electronic 7 is fully interchangeable with all past and present Horstmann/Secure Economy 7 controllers
- Built in clock – automatic Summer / Winter time change
- 'Boost' button
- Timed boost programme
- Up to 3 Off-peak settings per 24-hours.
- Programmable and manual boost
- Programme security feature
- Long-life battery maintains the clock, display and switch time settings throughout the life of the control
- Suitable for use with single, dual or twin element immersion heaters
- 7 years no quibbles warranty





Technical specifications

Electrical

Contact rating	13 Amps 230V AC Suitable for immersion heaters up to 3kw
Contact type	Micro-disconnection on control, disconnection to immersion heaters on double-pole rocker switch
Supply	230V 50Hz

Environmental

Pollution degree	Degree 2 normal situations
Moisture protection	Ordinary
Enclosure protection	IP30

Features

Shock protection	Class 1
Live parts	Enclosed
Operating temperature range	0°C to 35°C
Battery reserve	Approximately 2 years total power disconnection
Clock	am/pm Indication Winter/Summer indication
Programme options	Off-peak - up to 3 On/Off time periods; Boost - programmable automatic boost and 1-hour manual boost

Mechanical

Dimensions	170 x 115 x 60mm (excluding rocker switch)
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Compliance

BEAB approved	Yes
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