

## THE CLOCK

The 24 Hour dial rotates once each day. It should be set so that the time line is against the 'WINTER TIME' line in Winter or the 'SUMMER TIME' line during Summer Time. Adjust the clock by turning the dial clockwise. A battery reserve will keep the clock running even if the mains supply is interrupted for up to 6 days.

## WATER HEATER SWITCH

In the **WATER HEATER OFF** position the heaters remain OFF but the clock will run and the stand-by battery will remain charged.

In the **TIMED** position the over-night immersion heaters will be switched ON and OFF at the pre-set times.

## NEON INDICATORS

The **TIMED (OFF-PEAK)** neon will illuminate when the main immersion element is activated.

The **BOOST** neon will illuminate when the Boost timer is in use.

## GENERAL INSTRUCTIONS - INSTALLATIONS WITH A BATH/SINK SWITCH

With the controller switch set in the **TIMED** position and the immersion switches set in the **ON** and **BATH** positions, the controller will automatically switch the immersion heater on during the night and off in the morning. This will ensure Hot water each morning. If, however, should you require a large amount of extra Hot water during the day, simply set the boost control for the required time up to a maximum of 2 hours( The immersion switch should remain in the **BATH** position). At the end of this boost period the immersion will automatically switch off.

Alternatively, If only a small amount of additional Hot water is required the immersion switch should be moved to the **SINK** position and the boost control set as above.

**NOTE:** If the immersion switch is moved to the **SINK** position for a boost period, please check that the switch is returned to the **BATH** position before the next overnight heating period. This will ensure that a full cylinder of Hot water will be available the following morning.

## GENERAL INSTRUCTIONS - STANDARD INSTALLATION

When extra Hot water is required during the day the Boost Timer can be used. Where two immersion elements are fitted in the tank the Boost Timer switches on the upper heater only.

Turn the knob anti-clockwise to the 'START' position to operate the Boost Timer. The Boost period can be limited by turning the knob anti-clockwise to one of the intermediate positions if less than the maximum Boost period is required. The immersion heater will be switched OFF after the selected Boost period, or when the temperature of the water reaches the thermostat setting. If required, further Boost periods can be selected.

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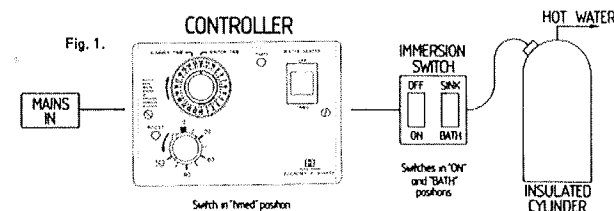
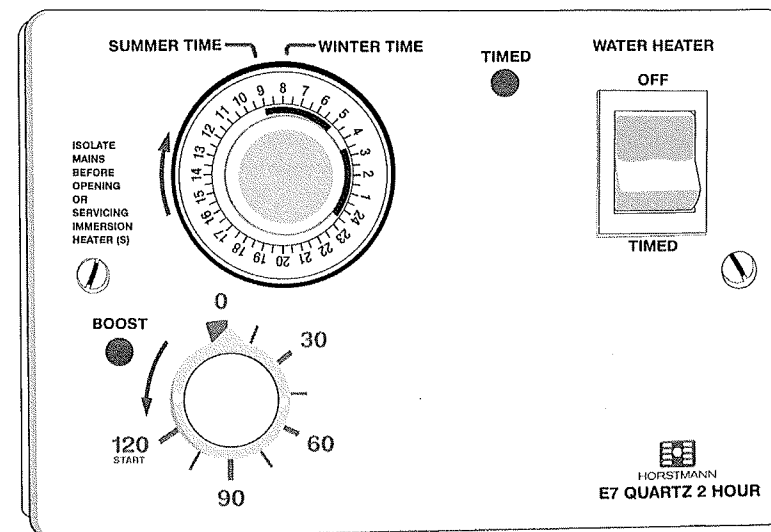
E7 QUARTZ  
USER INSTRUCTIONS



HORSTMANN

The **Horstmann E7 QUARTZ** is an Electro-mechanical water heating control, which can be set to take advantage of cheap night-rate electricity, so that there is a tank of hot water available for the morning.

## FRONT VIEW OF E7 QUARTZ



INSTALLATION AND CONNECTION SHOULD ONLY BE CARRIED OUT BY A SUITABLY QUALIFIED PERSON AND IN ACCORDANCE WITH THE CURRENT WIRING REGULATIONS.

**WARNING : ISOLATE MAINS SUPPLY BEFORE COMMENCING INSTALLATION**