

# User Instructions

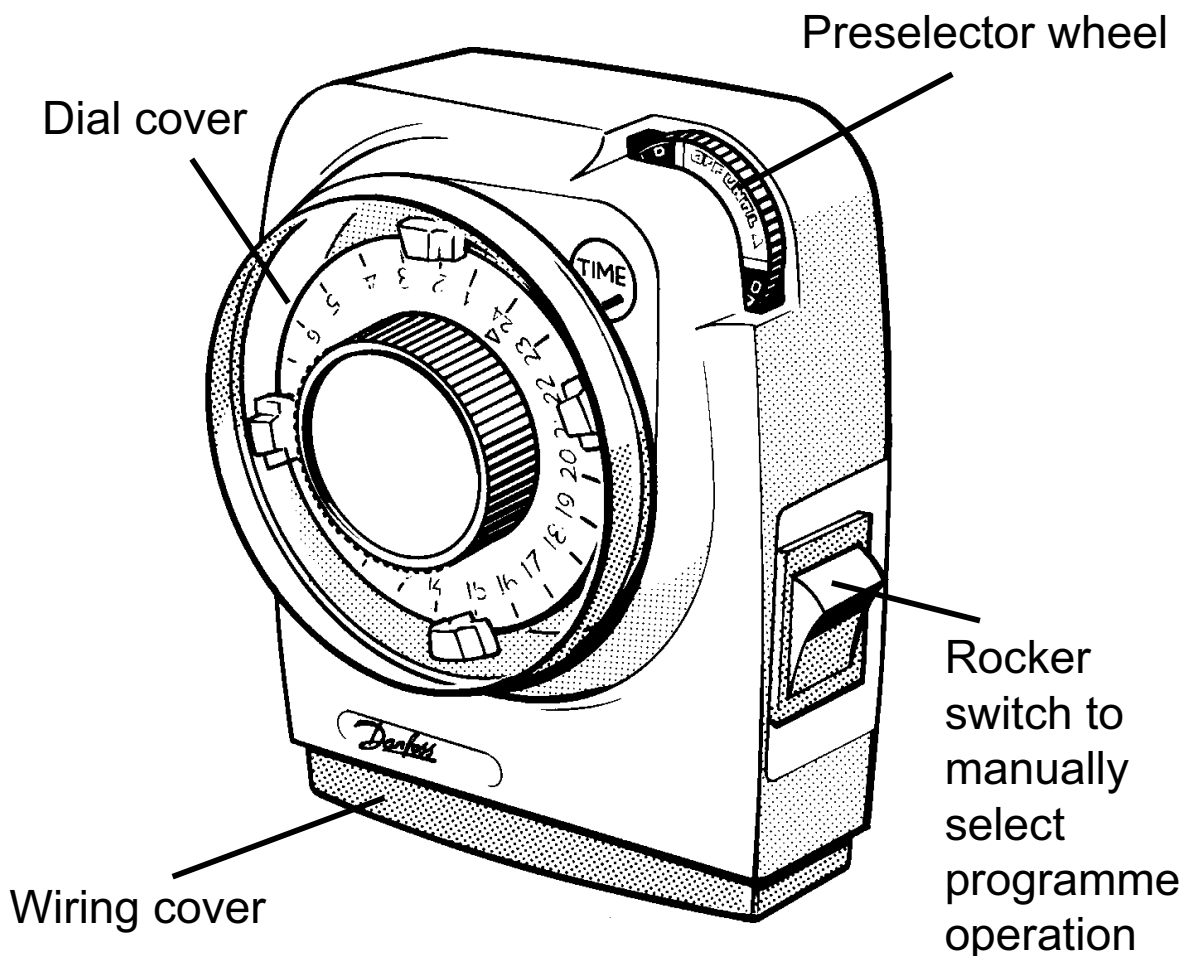
## Your timeswitch

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Your 103 timeswitch has one time output which can be used to control your heating and hot water at the same times.

Normally the 103 provides 2 ON periods and 2 OFF periods each day. However 1 ON and 1 OFF period can be obtained by using the Pre-Selector Wheel (see page 11).

You can choose whether the 103 controls your hot water & heating at the programmed times, constantly ON or constantly OFF.

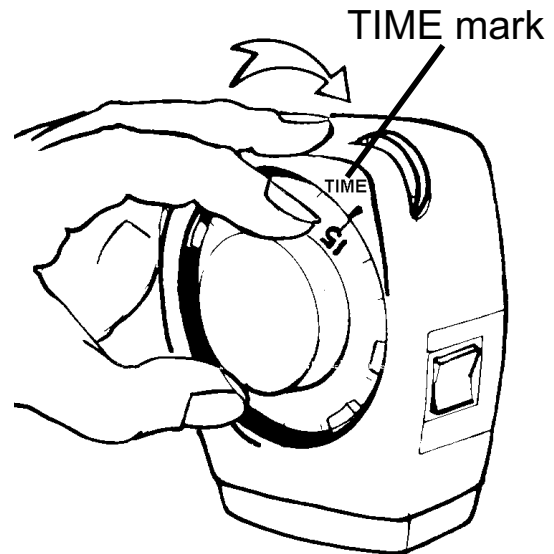


## Setting the time of day

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The dial on the front of the 103 displays the hours of the day using the 24hour clock.

- ❑ Remove dial cover (turn slightly to the left and pull off)
- ❑ Turn the dial clockwise until the correct time is aligned to the TIME mark (as shown).



**IMPORTANT:** turn the dial **clockwise only**



*Remember you will have to re-set the time after a power-cut, and also when the clocks change in Spring and Autumn.*

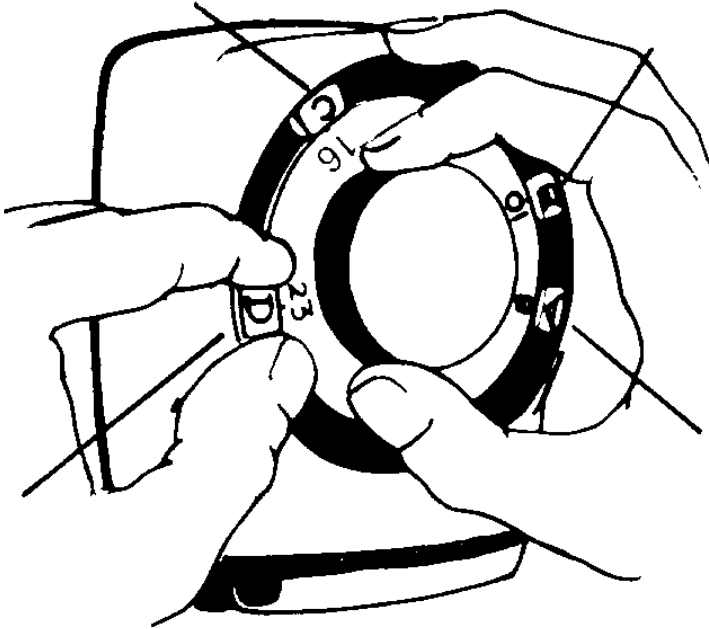
## Setting the programme (Tappets A, B, C, D)

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1. If not already done so, remove the dial cover (turn slightly to the left & pull off)
2. Decide when you want your hot water and heating to come on and go off. While gripping the dial knob slide the RED tappets to the required ON times and the BLUE tappets to the required OFF times (the tappets may be quite stiff to move)

## Example:

If you want your system ON between 8am and 10am and again between 4pm and 11pm, set the tappets as shown. (A to 8, B to 10, C to 16, D to 23).



A = 1st ON  
B = 1st OFF  
C = 2nd ON  
D = 2nd OFF

### Remember:

Red tappets (A and C) switch ON  
Blue tappets (B and D) switch OFF

3. Ensure that the installer has removed the protective tape covering the pre-selector wheel.
4. Using the dial knob, rotate the dial completely at least twice, clockwise only, to clear the mechanism.

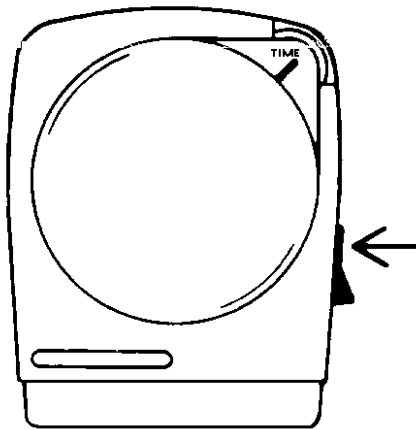
*Note: Tappets can be moved around the dial in a clockwise or anti-clockwise direction, as convenient.*

# Selecting operating mode

The Rocker Switch on the side of the unit is used to select how your 103 controls your hot water & heating system. You can manually select either:

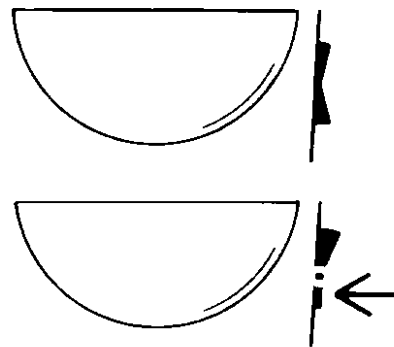
- hot water & heating follow set programmed
- hot water & heating constantly ON
- hot water & heating constantly OFF

## Switch positions



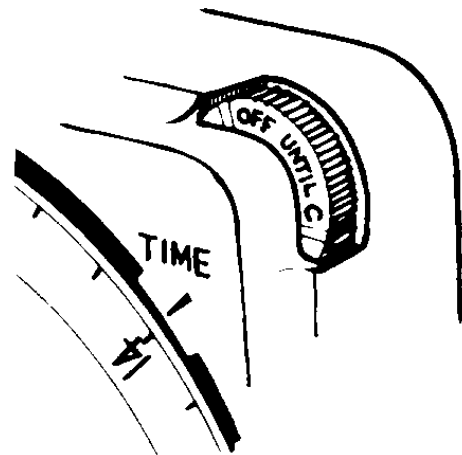
*TIMED - system follows set programme*

*System OFF*



*CONSTANT - system remains permanently ON*

The 103 unit is now set, and the current status of the timeswitch can be seen on the wheel at the top righthand corner of the unit, (e.g. "OFF UNTIL C").

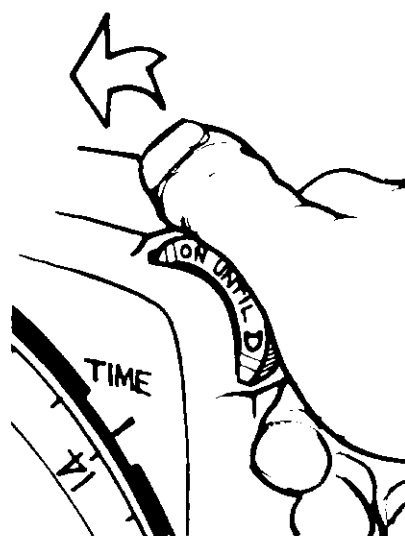


# Overriding the programme using the Pre-Selector wheel

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The pre-selector wheel can be used to override the set programme on occasions when you need to change from your normal heating routine.

By turning the wheel **anti-clockwise** you can turn the unit ON when it is OFF and vice versa.



## Example:

- ❑ Your programme is set so that your heating comes on at 4pm but you arrive home earlier than usual, at 2pm and need the heating ON immediately.
- ❑ Turn the wheel anti-clockwise until it displays ON UNTIL `D' as shown.
- ❑ Thus the system is turned ON manually at 2pm but will revert to the set programme at the next operation (i.e. OFF at 11pm)

**Some other useful pre-selections are:**

**ALL DAY ON (1 ON/1 OFF)**

Turn the Wheel to display "ON UNTIL D".

**ALL DAY OFF**

Turn the Wheel to display "OFF UNTIL A".



*Note: Do not operate the pre-selector whilst a tappet is close to the TIME mark. This may cause the time of day setting of the clock to be altered, and the time would then need to be reset as shown on page 8.*