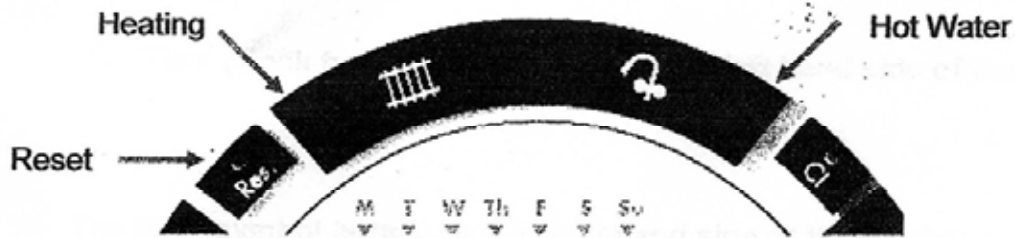


This guide is to be used in conjunction with the installation and users instructions provided with the ts 120 timeSWITCH.

Mode of operation selection continued.



Heating switch and Hot Water switch operation is by pressing on the outer ends as shown by arrows.

Override

By pressing the heating or hot water buttons, the heating or warmstart can be switched **ON** or **OFF** without altering the programme, e.g. If the heating or hot water **ON** indicator is showing, pressing the heating or hot water button will switch the heating or warmstart **OFF** until next programmed **ON** time. If the heating or hot water **OFF** indicator is showing, pressing the heating or hot water button will switch the heating or warmstart **ON** until the next programmed **OFF** time. Remember that the operation of hot water on turning on a tap is not affected; only the warmstart operation is being altered.

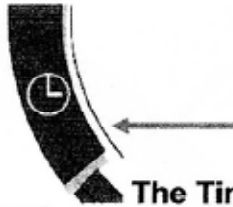
Reset

To delete an entered heating and hot water programme and reset the timer back to the original built-in programme, press the reset button. Re-enter the time and day as described in the section setting program.

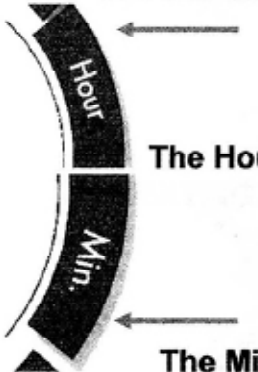
This guide is to be used in conjunction with the installation and users instructions provided with the ts 120 timeSWITCH.

Setting the time and date.

You will use these symbol buttons.



The Time (clock face) symbol button on the left hand side of the display screen.



The Hour symbol button on the right hand side of the display screen.



The Minute symbol button on the right hand side of the display screen.



The Day symbol button on the bottom right hand side of the display screen.

Time switch, Hour switch, Minute and Day switch operation is by pressing on the outer ends as shown by arrows.

Setting the current time and day.

Press and hold the Time button.



While holding the **Time** button, press the **Hour** button, until the correct hour of the day is shown. Each press of the **Hour** button will change the time displayed by one hour. Holding the **Hour** button down for more than a few seconds will change the hour displayed quickly.

Note: This timer has a 24 h display, for example 3.00 pm is shown as 15:00.

While still holding the **Time** button, press the **Minute** button, until the correct minutes past the hour are shown. Each press of the **Minute** button will change the time displayed by one minute. Holding the **Minute** button down for more than a few seconds will change the minutes displayed quickly.

While still holding the **Time** button, press the **Day** button, until the number of the day of the week is shown. (Monday = 1, Tuesday = 2 etc.) Each press of the **Day** button changes the day displayed, by one day.

Release the **Time** button and the display will show the current time and day settings. The colon between the hour and minute display will flash every second.

This guide is to be used in conjunction with the installation and users instructions provided with the ts 120 timeSWITCH.

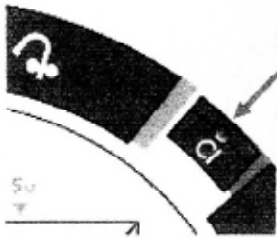
Setting your own heating and warmstart programme.

If the built in heating and warmstart programme does not suit to your requirements, you can enter your own programme as follows:
 Press the clear button with the tip of a pen or pencil to delete the existing heating and warmstart programme.

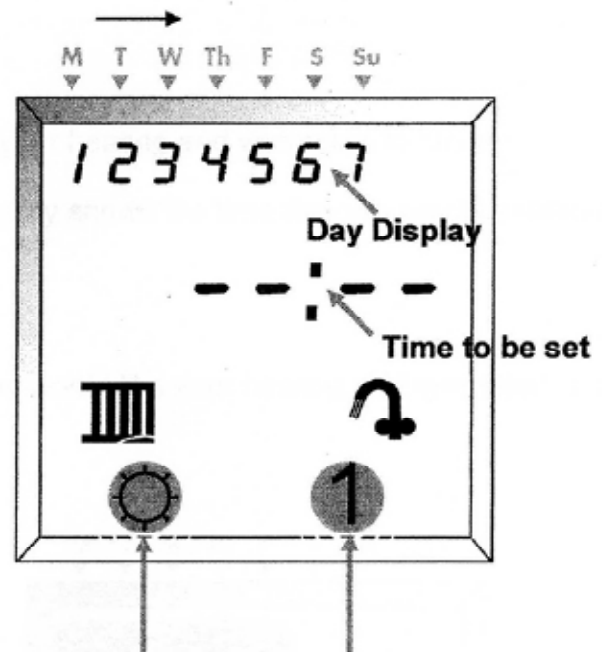
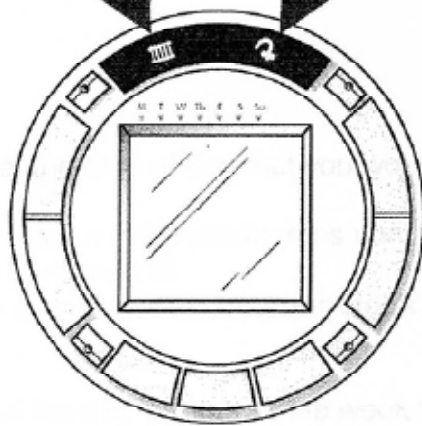
Normally warmstart is programmed for the same times as heating to provide warmstart at those times of day when hot water is most likely to be used.

Note.

If you only want to amend a previously entered programme, or time warm start differently, refer to Reviewing/amending programme settings.



HEATING **HOT WATER**



Heating on symbol

Hot Water on symbol

Step 1. Setting heating and/or warmstart to ON, it is normal to use the same settings for heating and for warmstart, as these times are when you are most likely to benefit from the warmstart feature.

Press the heating button until the heating "ON" indicator appears in the display below the heating symbol.



indicator appears in the display below the heating symbol.

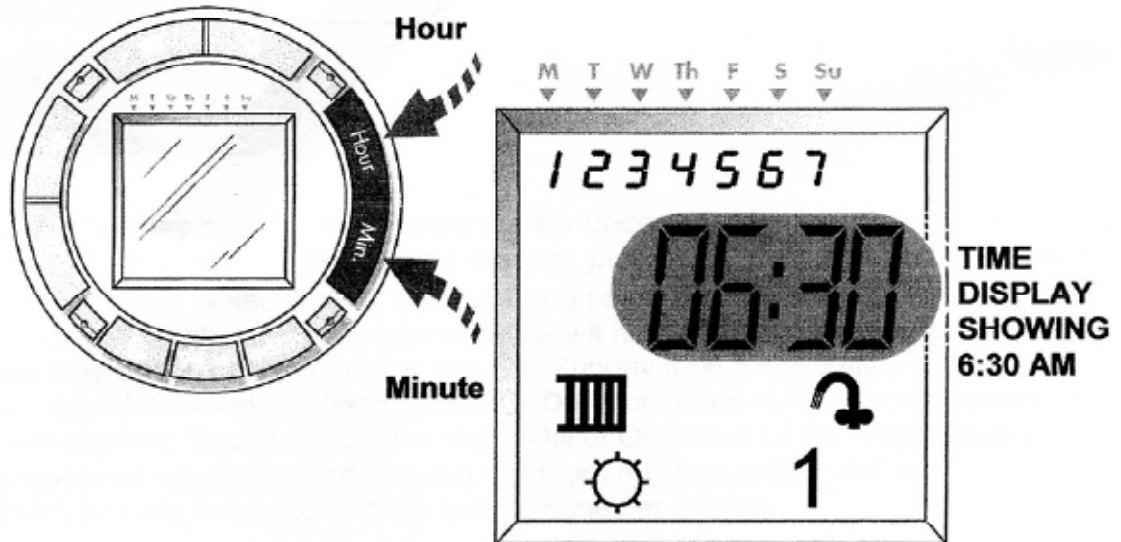
Similarly, press the hot water button until the water "ON" indicator appears in the display below the hot water symbol.

1

indicator appears in the display below the hot water symbol.

This guide is to be used in conjunction with the installation and users instructions provided with the ts 120 timeSWITCH.

Setting your own heating and warmstart programme continued.

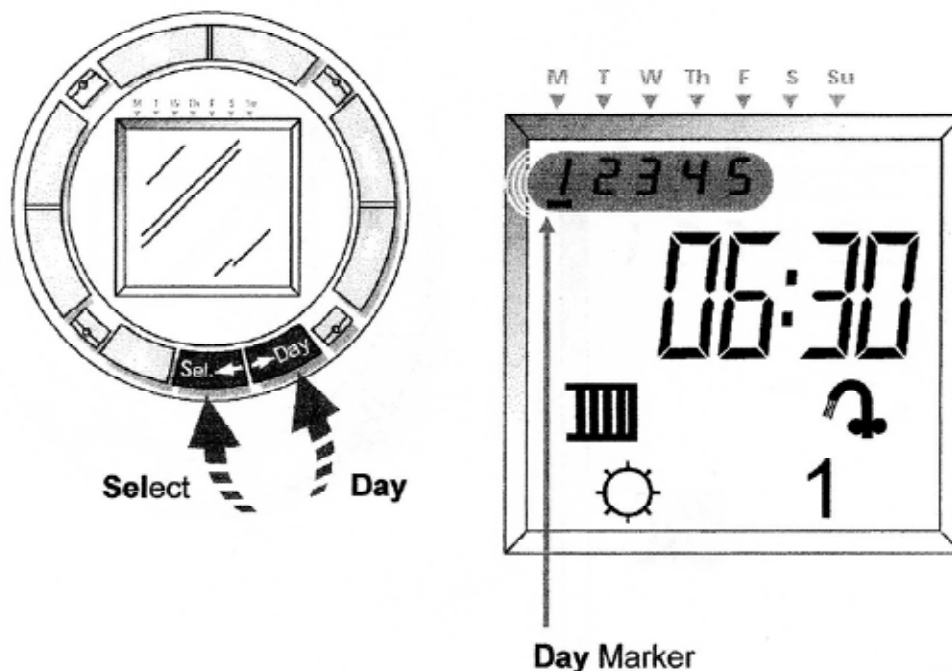


Step 2. Set the time of day that you would like your heating and warmstart to come ON.

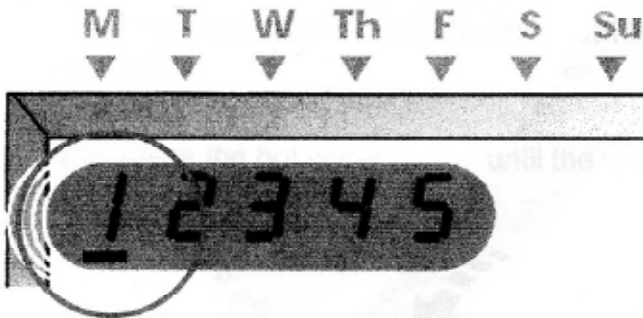
Press the Hour and Minute buttons until the display shows the time that you want the heating and warmstart to come ON.

NOTE time display uses a **24 hour clock**.

Step 3. Set the day or days of the week that you would like your heating and warmstart to come ON at the time selected in Step 2 above.



Press the **Day** button. The day marker appears below number 1 (Monday) at the top of the display.



Repeatedly pressing the **Day** button will move the marker under each day of the week in turn. To omit any day from this ON time i.e. Saturday and Sunday, press the **Day** button until the marker is under Saturday then press **Select** button, the number 6 below the day of the week will flash, press the **Day** button the number 6 disappears to indicate it has been omitted. Likewise for Sunday, press the **Day** button until the marker is under Sunday then press **Select** button, the number below the day of the week will flash, press the **Day** button the number 7 disappears to indicate it has been omitted. You can of course use a ON or OFF time for the whole week or certain days but you must remember that for each ON there must be a OFF and it is recommended that you write down the settings so that none get missed.

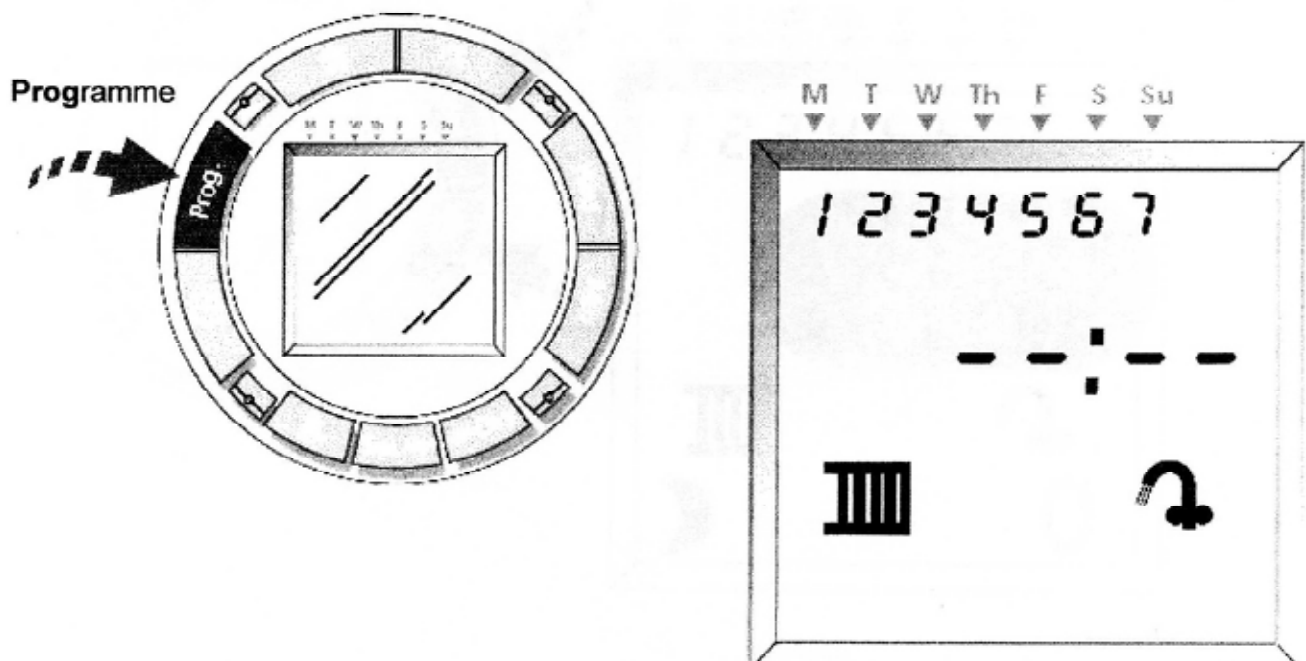
Note: you can reselect a day by pressing the **Day** button which will move the marker under each day of the week in turn to the day required, the number will flash. Press the **Select** day button under that day and it is reselected again.

Setting the OFF programme.


Having set the first ON we must set an OFF.

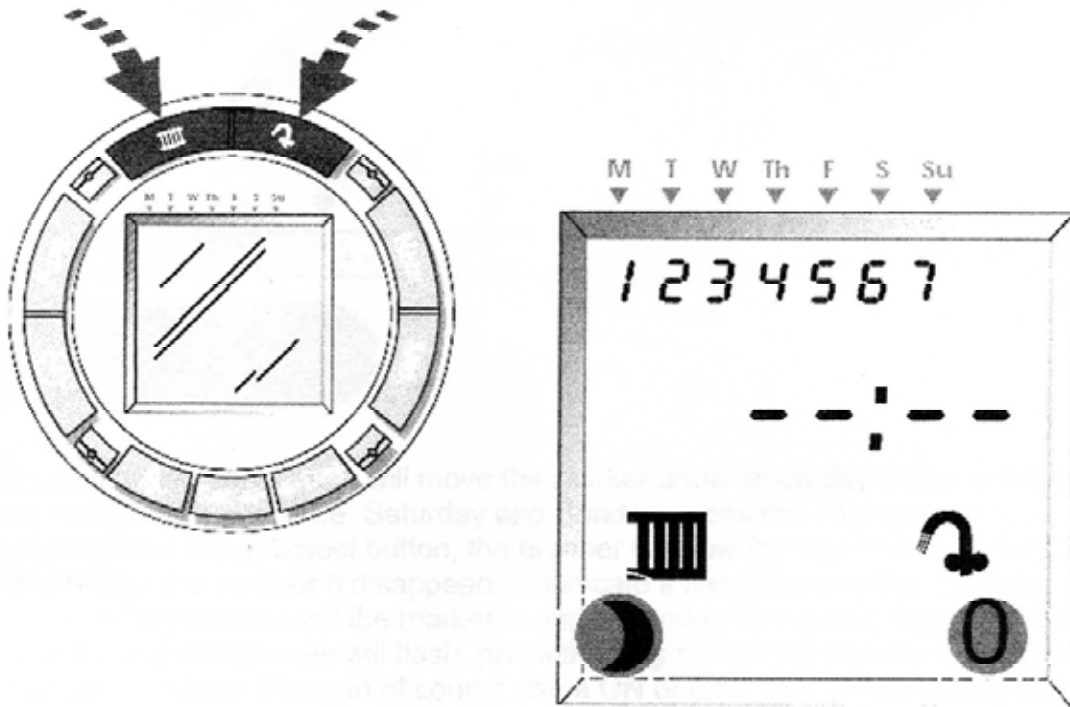
Step 1.

Press the **Programme** until the next free programme setting is shown.

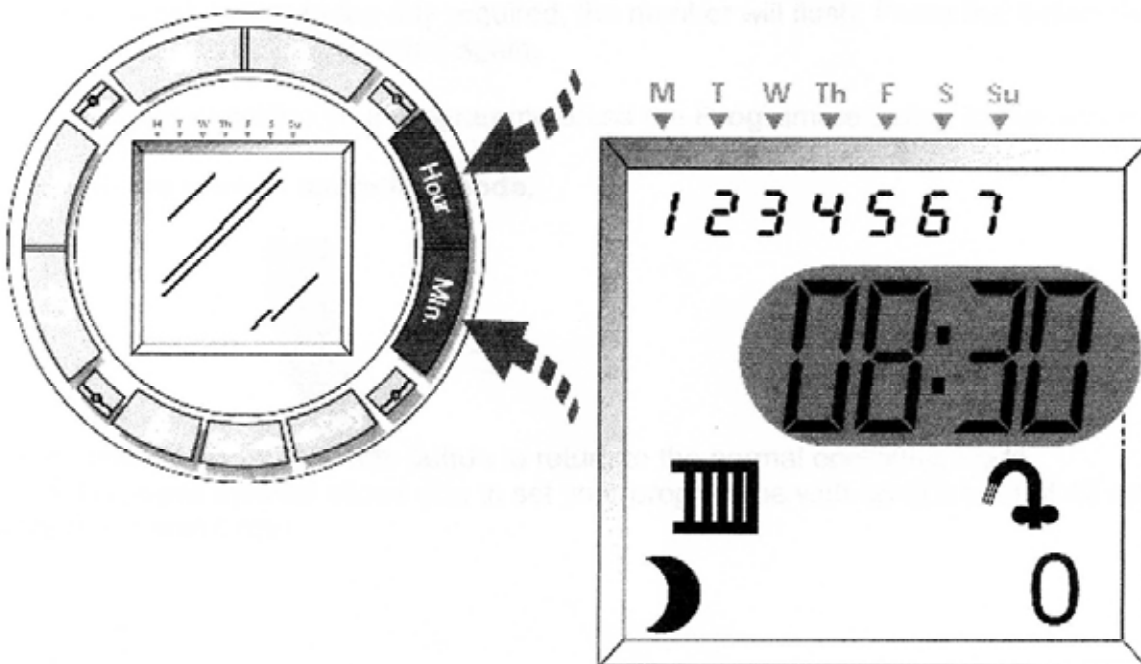


Press the heating button until the heating "OFF"  indicator appears in the display below the heating symbol.

Similarly, press the hot water button until the water "OFF"  indicator appears in the display below the hot water symbol.



Step 2. Set the time of day that you would like your heating and warmstart to go OFF.

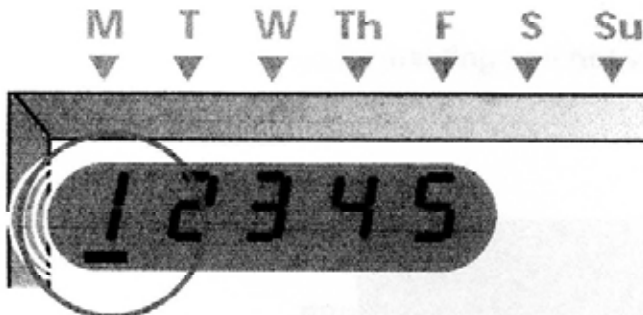


Press the Hour and Minute buttons until the display shows the time that you want the heating and warmstart to go OFF.

NOTE time display uses a **24 hour clock**.

Step 3. Set the day or days of the week that you would like your heating and warmstart to go OFF at the time selected in Step 2 above.

Press the **Day** button. The day marker appears below number 1 (Monday) at the top of the display.



Repeatedly pressing the **Day** button will move the marker under each day of the week in turn. To omit any day from this OFF time i.e. Saturday and Sunday, press the **Day** button until the marker is under Saturday then press **Select** button, the number 6 below the day of the week will flash, press the **Day** button the number 6 disappears to indicate it has been omitted. Likewise for Sunday, press the **Day** button until the marker is under Sunday then press **Select** button, the number below the day of the week will flash, press the **Day** button the number 7 disappears to indicate it has been omitted. You can of course use a ON or OFF time for the whole week or certain days but you must remember that for each ON there must be a OFF and it is recommended that you write down the settings so that none get missed.

Note: you can reselect a day by pressing the **Day** button which will move the marker under each day of the week in turn to the day required, the number will flash. Press the **Select** day button under that day and it is reselected again.

On completion of setting your programme press the **Programme** button to the next free setting.

Return to the normal operating mode.

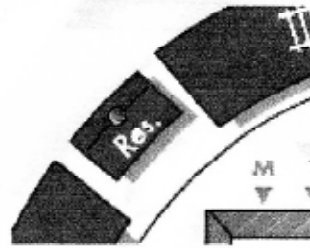


Then press **Time** button to return to the normal operating mode.

Using the above method allows you to set your programme with up to a total of 42 settings for heating and warm start.

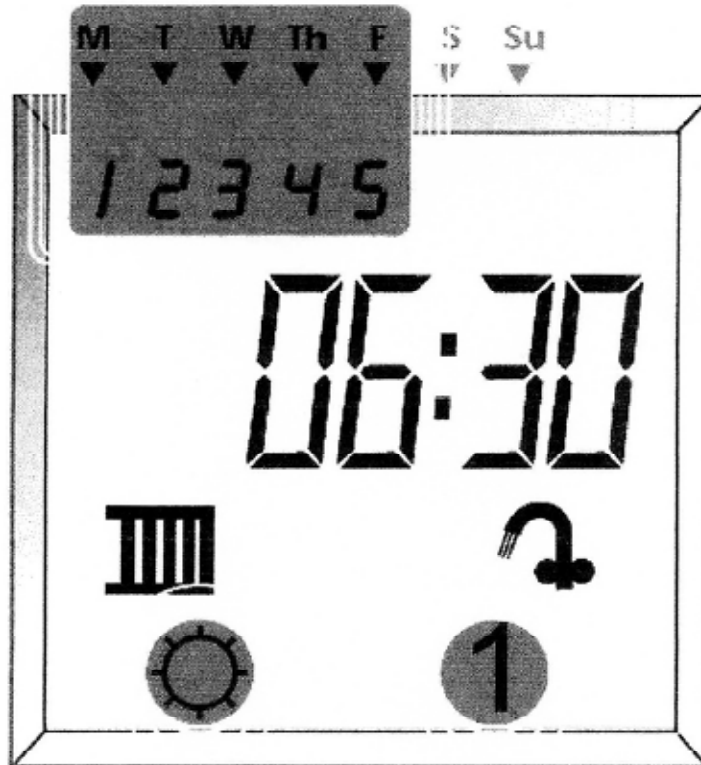
To Reset back to the factory set programme.

To rest the original factory set programme press the the **reset** button. Then re-enter the time and day.



To review your settings for heating and hot water.

Pressing the **Programme** button will allow you to go through the settings, to check these are what you require.



example showing ...

- ... ON Monday to Friday
- ... at 6:30 in the morning
- ... for both heating and hot water

Pressing the **Programme** button till all programmes are viewed will on the next press show how many programme settings are unused (free).

