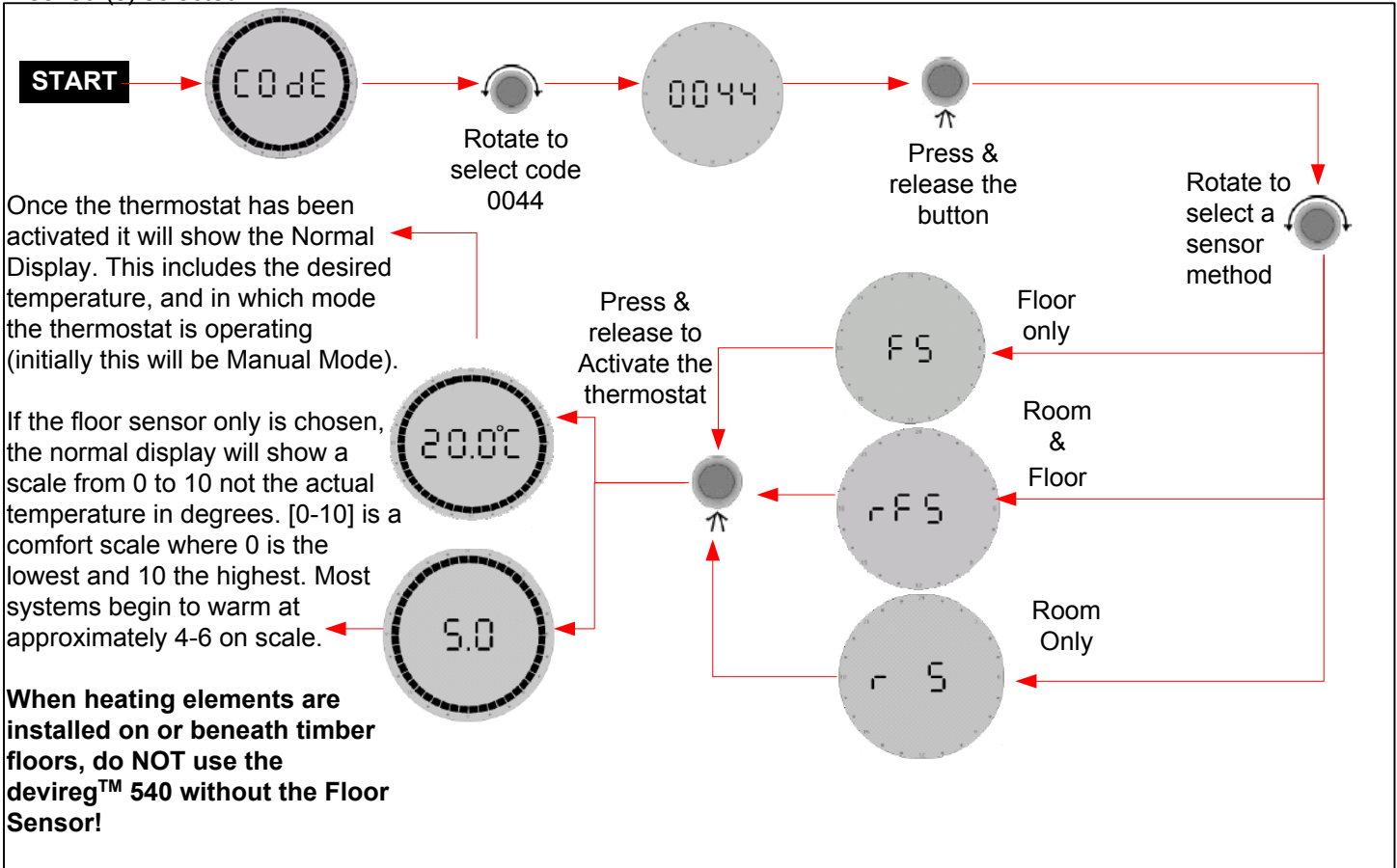


SETTING UP YOUR devireg™ 540

Once your electrician has installed the devireg™ 540 Thermostat you will need to activate it. Initially it should display 'CODE'. This means it is ready for activation. If the Thermostat is displaying something other than 'CODE', it has already been activated and you can move on to the Control Settings Section. For Activation a code must be entered and the sensor(s) selected.



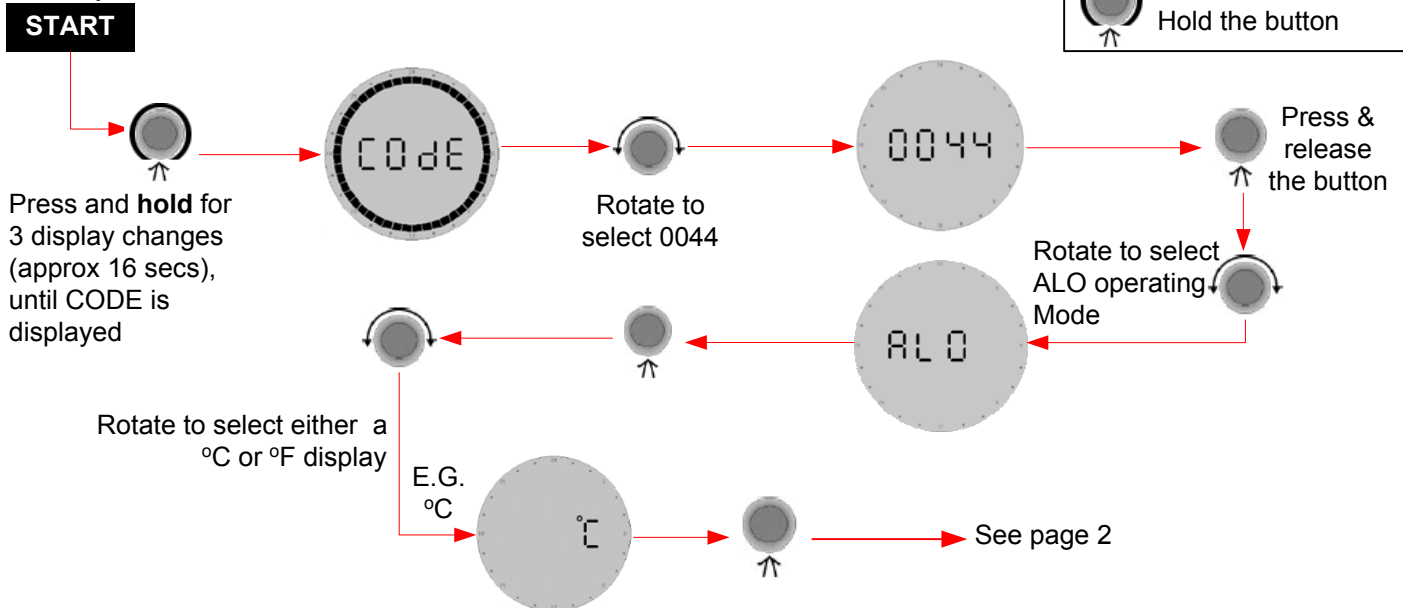
CHANGING THE CONTROL SETTINGS:

Your new devireg™ 540 Thermostat has a number of built-in control settings. For the initial set-up these need to be reprogrammed to suit your needs. After the initial set up you can change your control settings at any time in the same way.

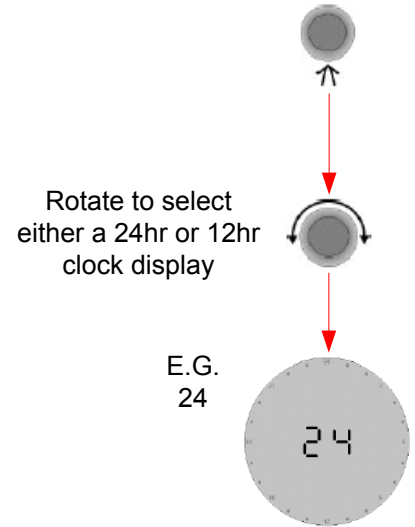
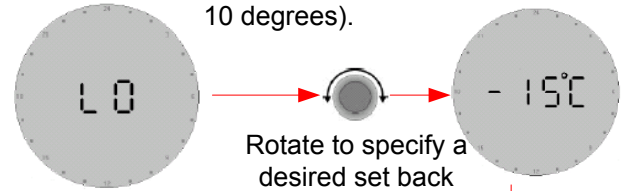
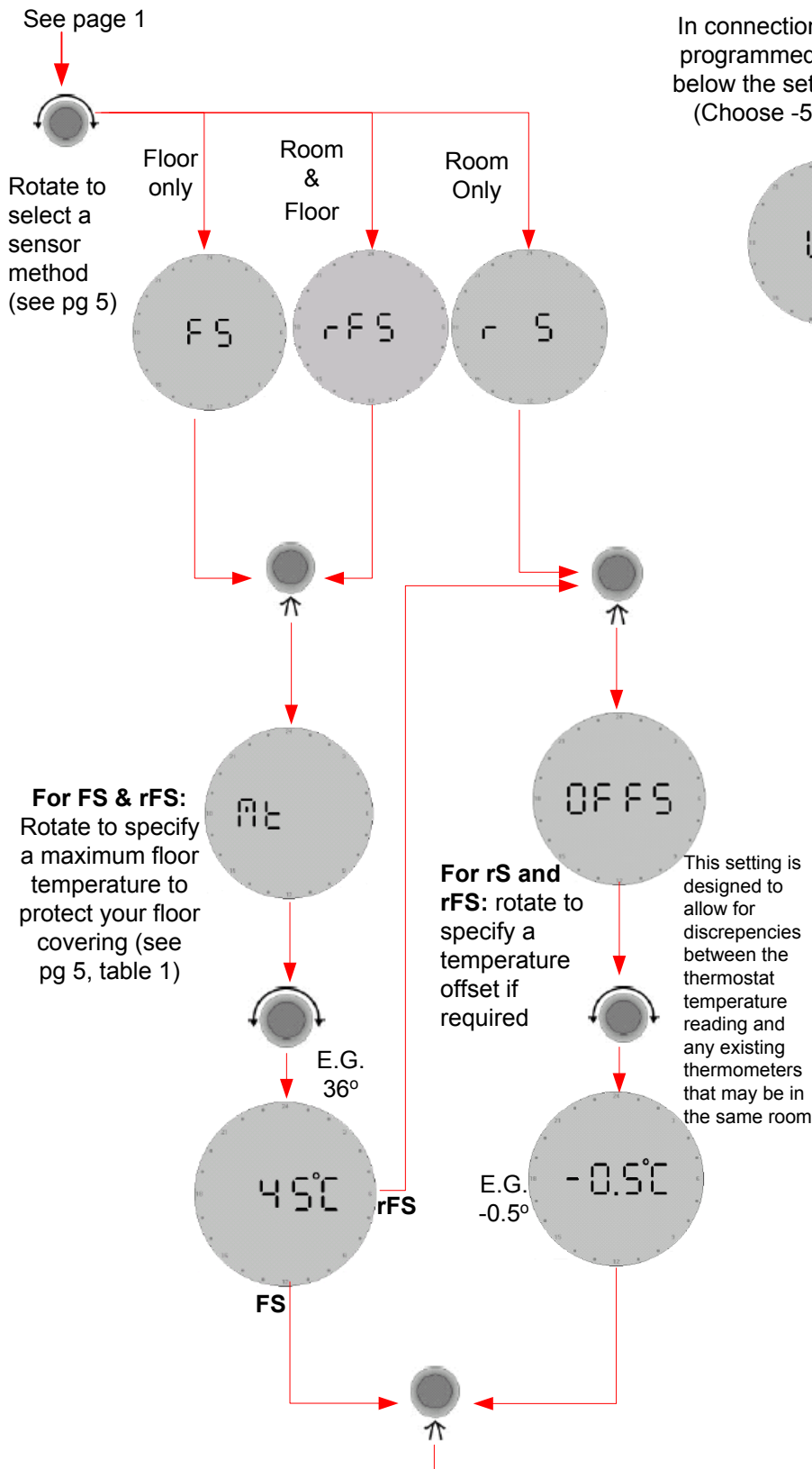
The steps have been divided over two pages for ease of use, but please note they follow on directly from one another.

PLEASE NOTE:

- Indicates Rotate
- Indicates Press & release the button
- Indicates Press & Hold the button



In connection with the built-in timer, the thermostat can be programmed to lower the temperature (LO) by up to 15°C below the set floor or air temperature, e.g. during the night. (Choose -5°C if you wish to lower the temperature by 5 degrees or -10°C to lower it by 10 degrees).



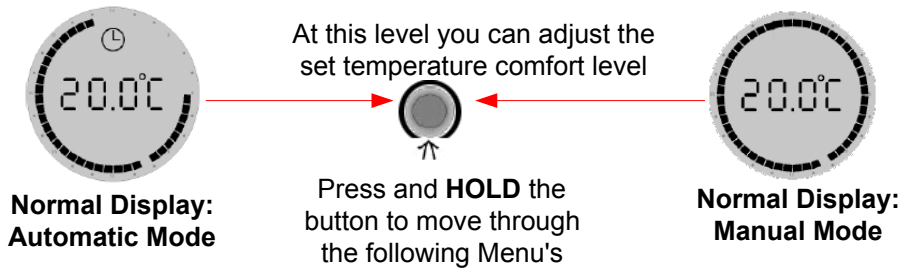
Press to Save your Setting Changes

Normal display Indicates that your changes were successful.

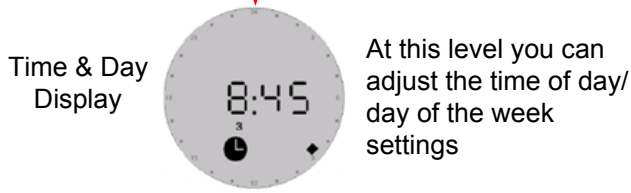


NB:
 If Air Sensor or Floor & Air Sensor is chosen the temperature shown will be in °C or °F.
 If Floor Sensor only is chosen, the display will show a comfort level between 1-10
(PLEASE NOTE: THIS IS NOT A TEMPERATURE)
 (see pg 5, table 2)

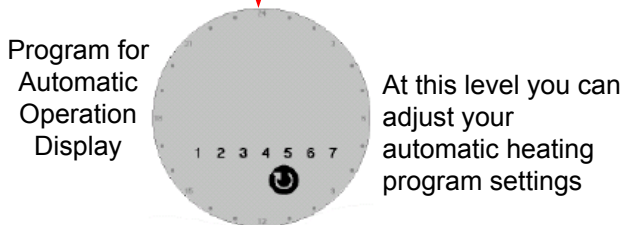
The **devireg™ 540** has two operating modes. The normal display will indicate which mode the thermostat is currently in.



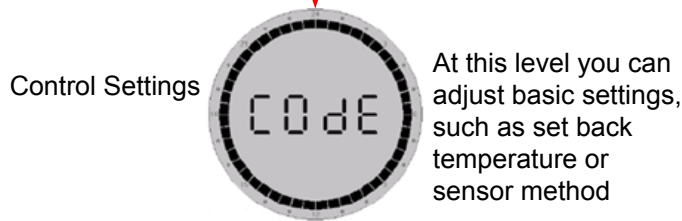
First Display Change (approx 3 seconds)



Second Display Change (approx 6 seconds)




Third Display Change (approx 16 seconds)



CHANGING TIME & DAY SETTINGS

The clock is not factory set.
To set or change the clock:

START

Press and **hold** for 1 display change (approx 3 secs), until the clock symbol,  is displayed



Rotate the button to the correct time and day of the week. Please note the numbers are not predetermined you can decide which day will be represented by 1
EG if Monday is 1, this clock is set on Wednesday at 8:45



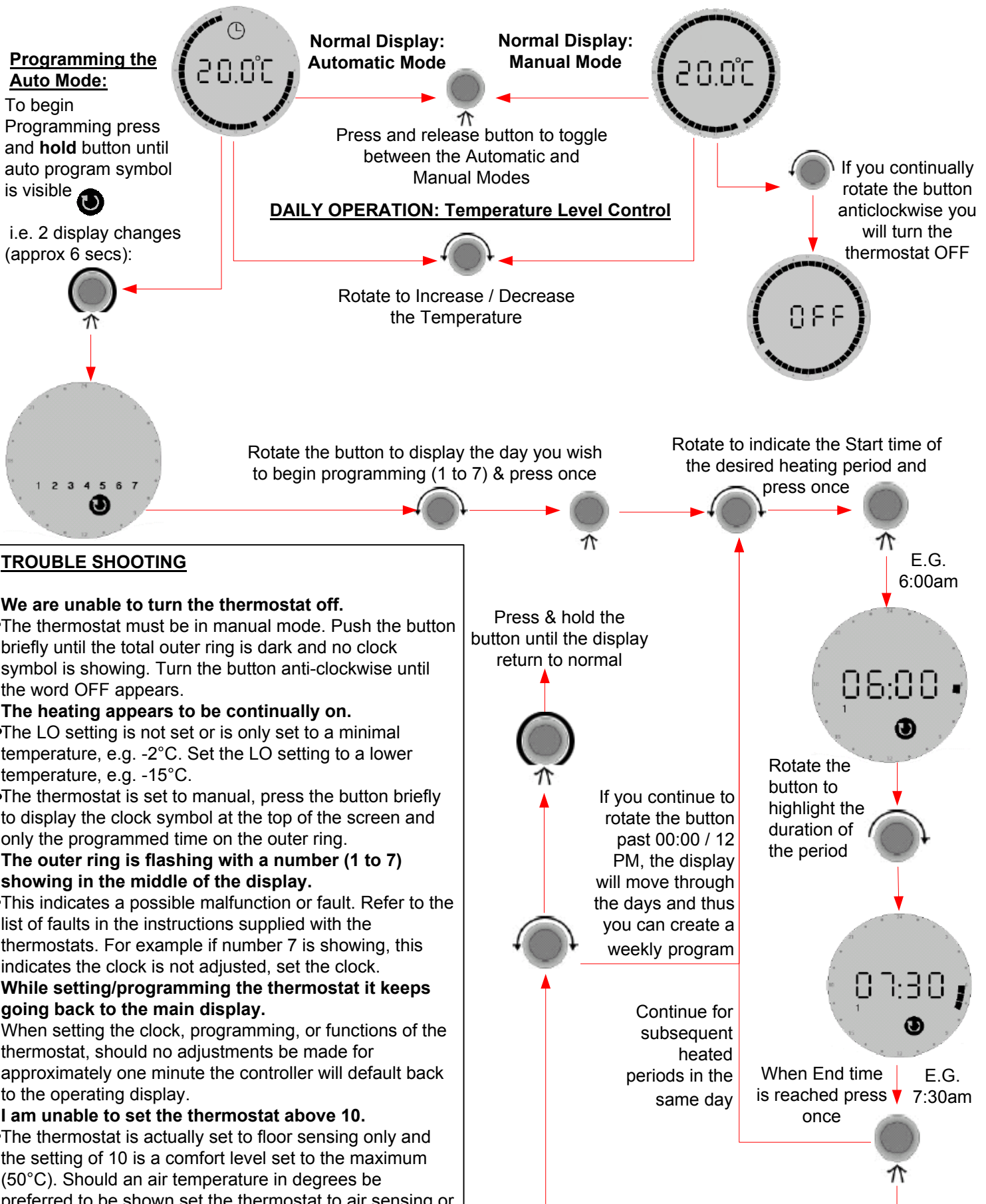
Press the button once to save your settings. The Normal Display will return

DAILY OPERATION & PROGRAMMING THE AUTOMATIC MODE

Programming the Auto Mode:

To begin Programming press and **hold** button until auto program symbol is visible

i.e. 2 display changes (approx 6 secs):



TROUBLE SHOOTING

We are unable to turn the thermostat off.

- The thermostat must be in manual mode. Push the button briefly until the total outer ring is dark and no clock symbol is showing. Turn the button anti-clockwise until the word OFF appears.

The heating appears to be continually on.

- The LO setting is not set or is only set to a minimal temperature, e.g. -2°C. Set the LO setting to a lower temperature, e.g. -15°C.
- The thermostat is set to manual, press the button briefly to display the clock symbol at the top of the screen and only the programmed time on the outer ring.

The outer ring is flashing with a number (1 to 7) showing in the middle of the display.

- This indicates a possible malfunction or fault. Refer to the list of faults in the instructions supplied with the thermostats. For example if number 7 is showing, this indicates the clock is not adjusted, set the clock.

While setting/programming the thermostat it keeps going back to the main display.

- When setting the clock, programming, or functions of the thermostat, should no adjustments be made for approximately one minute the controller will default back to the operating display.

I am unable to set the thermostat above 10.

- The thermostat is actually set to floor sensing only and the setting of 10 is a comfort level set to the maximum (50°C). Should an air temperature in degrees be preferred to be shown set the thermostat to air sensing or floor and air sensing. Setting the comfort level to 10 on the thermostat will in most cases have the heating running continually and floors far hotter than required.

It is important to decide which thermostat program you are going to use before installation to establish whether or not the Floor Sensor Cable/Probe must also be installed. The thermostat has the following **programming options** -

1) Floor Comfort Heating - Floor Sensor Only (FS):

Controls floor temperature only e.g. in Bathrooms and other rooms that are often used with bare feet.

Install the Floor Sensor and choose:

Floor Sensor Only in Basic Settings.

2) Total Room Heating - Floor & Air Sensor (rFS):

Controls both air and floor temperature in Living Rooms etc.

Install the Floor Sensor and choose:

Both Floor and Room Sensor in Basic Settings.

3) Air Sensor Only - (No Floor Sensor) (rS):

Controls air temperature only, when a floor sensor is not present, or cannot be installed.

Choose Room Sensor only in Basic Settings.

NB: Temperature control is less accurate without the floor sensor.

DEVI always recommends the installation of the Floor Sensor with all floor-heating systems!

When heating elements are installed on or beneath timber floors, DO NOT use the devireg™ 540 without the Floor Sensor!

TABLE 1:

Recommended maximum temperature settings for different floor constructions

Wooden Floor Coverings (parquet, floor boards, laminates etc)	27°C
Tiled Floors over F/C Sheeting	35°C
Concrete Slabs & screeds over slabs	45°C

TABLE 2:

CONVERSION TABLE: COMFORT LEVEL (FS) TO DEGREES (rFS or rS)	
Level :	oC:
1	5
2	10
3	15
4	20
5	25
6	30
7	35
8	40
9	45
10	50