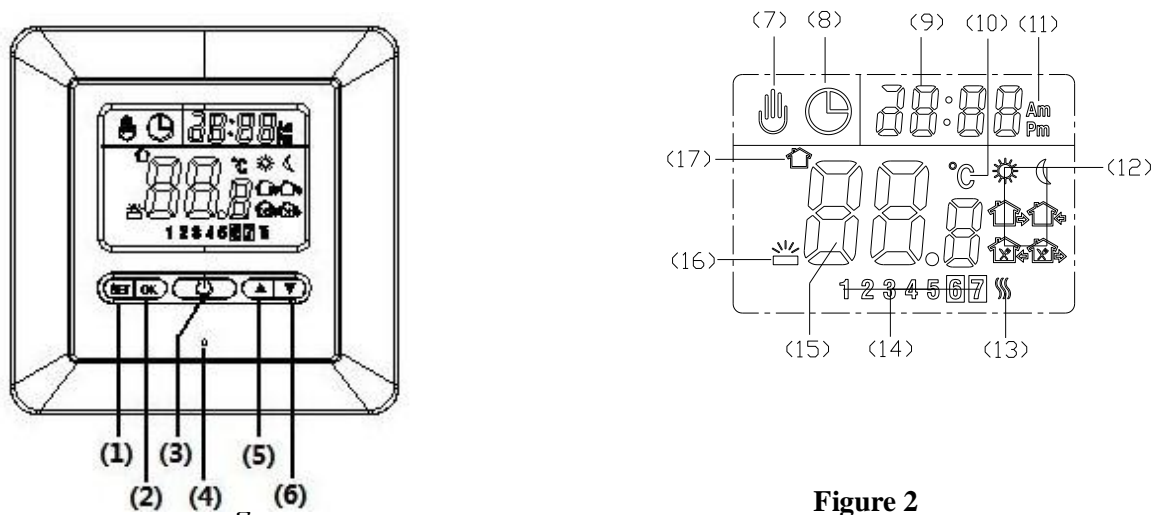


## KEYBOARD, DISPLAY AND SWITCH DESCRIPTION



**Figure 2**

- (1) Set button
  - (2) OK button
  - (3) Power button
  - (4) Reset button
  - (5) Raise temperature setting
  - (6) Lower temperature setting
  - (7) Shows when thermostat is in manual mode
  - (8) Shows when thermostat is in auto mode and running a programme
- NB: If both 7 & 8 are shown it is in temporary override and will revert to auto at the next programme interval.
- (9) Shows current time clock
  - (10) Shows current displayed temperature is in °C mode
  - (11) Shows whether current time is AM or PM
  - (12) ☀ 1<sup>st</sup> Heating period    🏠 End of 1<sup>st</sup> Heating period ; 🏠 2<sup>nd</sup> Heating Period;
  - 🏠 End of 2<sup>nd</sup> Heating Period ; 🏠 3<sup>rd</sup> Heating Period ; 🌙 End of 3<sup>rd</sup> Heating Period
  - (13) Indicates demand for heating
  - (14) Shows the day of the week
  - (15) Shows actual temperature or set temperature
  - (16) Shows when displayed temperature is floor temperature
  - (17) Shows when displayed temperature is room temperature



## Manual Operation

### 1) Set current day and time



- a) Press **SET** button. The hour will flash in the display.
- b) Press and hold either ▲ or ▼ until you reach the correct hour
- c) Press **SET** button once again. The minutes will flash in the display
- d) Press and hold either ▲ or ▼ until you reach the correct minute
- e) Press **SET** button once again. The day of the week will flash in the display.
  - Press ▲ or ▼ until you reach the correct day of the week
  - Press the **OK** button once. The display will show the correct day of the week and time.

If no keys are pressed within 10 seconds, the thermostat will revert to auto mode and run its programme


### 2) Permanent temperature setting

When the thermostat is in auto mode, hold the OK button for 3 seconds to change to permanent temperature setting.  is displayed, indicating manual mode. Press ▲ or ▼ to change the set temperature. The thermostat will permanently hold the room temperature at the selected setting until you press **OK** button to restart the auto (programme) mode.  is displayed when the thermostat is in auto mode.

### 3) Temporary temperature

When the thermostat is in auto mode, press ▲ or ▼ to check the current set temperature. A flashing digit signifies a set temperature. If the set point is your desired temperature, push **OK** button to revert to auto mode. If the set point is not your desired temperature, press ▲ or ▼ to temporarily change the set point.   shown together indicates that the system is in temporary temperature override. The thermostat will override the current programming setting and keep the room temperature at the selected temperature until the next program period begins. Then the thermostat will automatically revert to auto mode.

### 4) *Reset function.*

This function can help a user to recover a display that is not working. Please use a pin to insert in button  hole till you hear or feel a click, then remove it. Switch on the thermostat and the display should operate normally. If you are still having problems, please don't hesitate to contact Eswa.

### 5) Setting your own program







Look at the factory pre-programmed times and temperatures shown in the sample schedule. If this program suits your needs, simply press the **OK** button to begin running the factory preset program. If you want to change the pre-programmed time and temperature, follow these steps.

Determine the times, periods and temperatures for your program.







Use the table below to plan your program time periods and the temperatures you want during each period.

Fill in the complete table to have a record of your program.

#### Sample Heating Schedule Plan for 7 individual days; 6 periods per day (Factory default program setting)

												
	Time	Temp	Time	Temp	Time	Temp	Time	Temp	Time	Temp	Time	Temp
All 7 days	0:00	21°C	5:00	15°C	13:00	21°C	16:00	15°C	18:00	21°C	22:00	15°C


#### Heating Schedule Plan

												
	Time	Temp	Time	Temp	Time	Temp	Time	Temp	Time	Temp	Time	Temp
1												
2												
3												
4												
5												
6												
7												

#### Entering 7 day heating program

1) Hold **SET** for 5 seconds. **1** flashes (indicating you are now planning the Monday program). The other days **2 3 4 5 6 7** are marked in the display. If **1 2 3 4 5** are flashing in the display, this indicates that you are in the 5-day program. This means you previously selected the 5+1+1 day program mode. (See configuration menu item 7).

2) Press **▲** or **▼** to change the day you wish to program.

3) Press **SET** again, and the selected day for programming will be shown. Also displayed are the start times currently programmed (flashing) for the 1st heating period and the temperature currently programmed. The  symbol indicates the 1<sup>st</sup> Heating Period setting.

4) Press **▲** or **▼** until your selected time appears. The time will change in 15-minute increments.

5) Press **SET**, the programmed temperature will flash, press **▲** or **▼** until your selected temperature appears.



- 6) Press **SET**, the symbol indicates the 2<sup>nd</sup> Heating Period setting. The start time currently programmed and the set temperature for the 2nd heating program period will be shown. Repeat steps 4 and 5 to select the start time and heating temperature for the 2nd heating program period.
- 7) Press **SET** button. Repeat steps 4 to 6 to set the 3rd, 4th, 5<sup>th</sup> and 6th heating program periods.
- 8). After finishing programming the periods for the whole day, press the **SET** button. The day next to be programmed will flash, with the other 6 days marked in the display. If the display shows 6 7 flashing with 1 2 3 4 5 marked in the display, this mean 5+1+1 day program mode was selected before
- 9). Repeat 2)~8) to complete the programming for all other days of the week.
- 10).When you have completed your programming, press **OK** to revert to program operation.

### **Factory Programme Reset:**

In the programming periods, push ▲&▼ button in a same time for 3 seconds. Display will show “dEF” blinking 3 times and return to step 1 all the setting has reverted to factory default setting.

### **2. Error Codes**

**E1** flashing in the display: Floor sensor short circuit in type F or RF. Thermostat shuts down all heating output.

**E2** flashing in the display: Floor sensor not installed or broken in type F or RF. Thermostat shuts down all heating output.

**E3** flashing in the display: Room sensor has short circuited. Thermostat shuts down all heating output.

**E4** flashing in the display: Room sensor is broken. Thermostat shuts down all heating output.

Eswa Ltd.

70 Woolmer Way, Bordon, Hants, GU35 9QF T:01420 476 049 e-mail: info@eswa.co.uk