

1. Introduction

The Heatmiser DS1-L dial type thermostat is suitable for conventional or combi-boiler systems.

This thermostat incorporates the following functions;

- Adjustable Switching Differential
- Digital LCD
- 230v AC, 3A Switching

2. Installation

IN ORDER TO AVOID ANY RISK OF ELECTRIC SHOCK, CUT THE POWER TO THE HEATING SYSTEM.


1. Remove the old thermostat to access the wires
2. Identify each cable and label
3. If necessary, strip the end of each wire (max 6mm)
4. Following the diagrams below, connect the wires to the Heatmiser DS1-L terminals
5. Screw the DS1-L back plate to the back box
6. Plug the DS1-L thermostat front onto the back plate


N L A1 A2

Live Connection	L
Neutral Connection	N
Heating Connection	A1, A2

For 230v switching, you need to link from L to A1 and then connect your switch wire to A2

3. Icons Explained

Heating ON 

Keypad Locked 

4. Lock Facility

The Heatmiser DS1-L has a lock facility. To lock the thermostat, press and hold down the dial for 10 seconds.

You will see a lock symbol appear. To unlock, repeat the steps above.

5. Setting the Temperature

In normal mode, the display shows the actual room temperature. To change the set point, rotate the dial until the digital LCD displays the new set temperature.

6. Switching Differential

The Heatmiser DS1-L offers 1,2 and 3°C switching differential.

With A 1°C switching differential the heating will switch on 1°C below the set temperature and will turn off when the set temperature is reached.

A 2°C will turn the heating on 2°C below the set temperature

3°C will switch the heating on 3°C below the set temperature.

To set the differential, you should set the DIP switches according to the table below. The DIP switch can be accessed from the back of the thermostat.

1 °C Switching	Switch 1 & 2 OFF
2 °C Switching	Switch 1 ON and Switch 2 OFF
3 °C Switching	Switch 1 OFF and Switch 2 ON