These Digital Thermostatic Controller Modules are fitted in 3 products within the Penn- Elcom COOLRAC range and are used to monitor and manage all of our low noise DC fan units.

PLEASE NOTE: The temperature probe must be plugged in for this unit to operate, an alarm will sound if it is not connected.

It is vital that the sensor probe is fitted in the right area to get the best result from your controller

DO NOT fit it too near the main heat source as it will always be **ON**.

Somewhere close to the top of the rack is probably the best place to pick up the ambient temperature of the enclosure. Although to get the best result, some experimentation may be needed.

Once in the right place the average temperature of the enclosure will then be constantly displayed.

Setting the fan ON temperature

The units are factory set to **30°** to alter this:-

Press the **SET** button once to show the **ON** temperature

Adjust temperature using up and down buttons.

Deduct **2°** from the desired activation temperature

Press **OK** button to save this temperature setting.

Please note fans will stop **2°** below the setting entered

The red indicator at the bottom will light when the unit is **ON**

This unit is multi-functional, so pressing buttons in the wrong sequence can cause the unit to malfunction see section below

REAR INPUT PANEL

Resetting the Default Values

Press and hold the **SET** button until **P0** is shown in display.

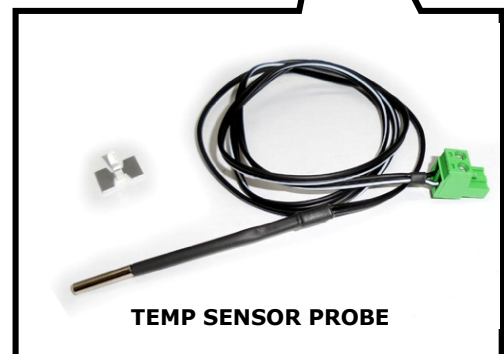Press the down button, until **P8** is shown in display

Press **SET** button, so **OFF** is shown in display

Press the down button and **ON** will be shown in display

Finally Press the **OK** button.

Then set back to the desired temperature.

TEMP SENSOR PROBE

9-10 Parsons Road, Parsons Industrial Estate, Washington Tyne & Wear, NE37 1HB, UK
0191 416 1717 or www.penn-elcom.com