

TEMPERATURE CONTROLLER

FEATURES:

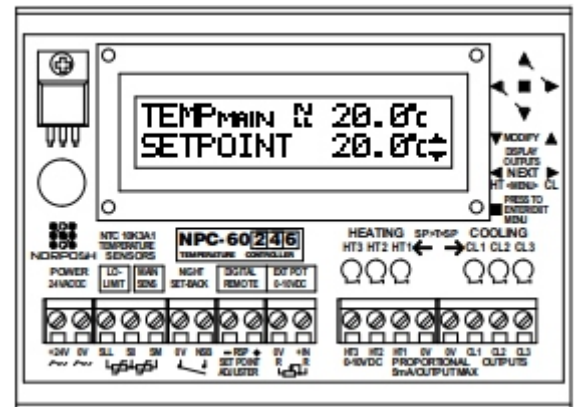
The temperature controller sends 0-10v signals out to either a plant item or to a component within the control panel. Four indicators positioned above the proportional terminals indicate when an output is present, the longer the illumination time, the higher the voltage output, if the indicator is on constantly, then the output will be 10vdc. The two indicator on the left indicate the heating outputs and the two to the right are for the cooling outputs.

DISPLAY:

The display shows two temperatures, the top temperature labelled as TEMP MAIN shows the temperature that the sensor connected to the controller is reading. SETPOINT shows the current set point of the controller, therefore if the set point is lower than the current main temperature the controller should be giving out a cooling output and the indicators should be flashing on the cooling side.

LPHW:

When the controller is used for lphw systems we use the night set back node to connect to the frost thermostat. When the frost thermostat has operated the display will show an "N" indicator on the display next to the Temp Main display. The set point temperature is overridden to allow the valve to open fully, both heating indicators will normally be on fully.



CHANGE SET POINT:

The set point can be easily changed on the controller. In the top right hand corner of the controller is a toggle switch, simply push up and down on the switch and the set point display will change 0.2 degrees with each push, there is no need to press anything to save the set point it is saved instantly.

NO DISPLAY:

The controller is only energised when the piece of plant it is controlling is enabled, if the controller is controlling a thyristor for the heater, the display will only be on if the Heater Run indicator on the door is on. The heater switch on the door can be switched on but will only illuminate if the airflow from the supply fan is proven.

The information provided in the literature is believed to be accurate (subject to change without notice). However, use of the information shall be entirely at the user's own risk.

