

1. Overview

Above 115F, 46C, the LCD display will darken and become unusable.

Controllers located in Boiler rooms with very high ambient temperatures may require a high temperature display.

This application note **AN_T009** details the LCD display upgrade sequence.

2. Upgrade Sequence

1. Turn OFF the controller AC power.
2. Open the enclosure door.
3. Remove the existing LCD display by removing the two nylon hex nuts on the left and right lower corners of the display.
4. Pull the display forward to remove the LCD from its top, left electrical socket
5. Insert the high temperature display into the electrical socket.
CAUTION: Ensure that the socket pins align, it's easy to be off one pin, left or right.
6. Re-install the bottom left & right nylon hex nuts; finger tight.
7. Turn ON the controller AC Power.
8. Text should be visible with 10 seconds. You may need to adjust the DIM potentiometer to improve the display contrast. The blue, DIM adjust is located immediately below the LCD display.
9. You're finished. Changing the display, does not alter any controller settings.