



**HANWEST PTY LTD**

SPECIALISED COMPONENTS FOR AIR CONDITIONING & REFRIGERATION

ABN 49 003 452 551

Bulletin No. : CON-15A  
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**SERVICE BULLETIN : HAN-L5/PCB-058V2.  
SUBJECT : CONTROL CALIBRATION.**



**1. Control Calibration.**

The HAN-L5 is a comfort air conditioning system controller designed to maintain space temperatures within  $\pm 0.5^{\circ}\text{C}$  between  $20^{\circ}\text{C}$  and  $24^{\circ}\text{C}$ .

The control is a digital system controller and the display reads out temperature in increments of  $1^{\circ}\text{C}$ . As the design control range is between  $20^{\circ}\text{C}$  and  $24^{\circ}\text{C}$ , this is where the control will be most accurate in the display of the room temperature and subsequent system control.

**Calibrating The Control.**

The control should only be calibrated in a surrounding ambient of  $22^{\circ}\text{C}$  as it is at this temperature that the control should be at its most accurate calibrated point.

**Method Of Control Calibration.**

- a) Set up control in test area and turn on.
- b) Adjust set point to  $22^{\circ}\text{C}$ .
- c) Check to make sure there are no warm or cold surfaces in close proximity to control or radiation or cool convection could effect control reading.
- d) Set control to auto mode and fan to auto operation.
- e) Using glass thermometer check control reading against thermometer.
- f) With control temperature reading the same as glass thermometer the fan speed should be on medium if calibration is correct.

This means that control response temperature is within  $\pm 0.5^{\circ}\text{C}$  of actual temperature.