



Boiler Load Compensator

BLC1.A

Features

- Controls conventional and combi boilers
- Pump overrun
- Pump exercise
- Frost protection
- Minimum boiler return temperature setting
- Manual override button
- Fast recovery of DHWS, (40% priority)
- Permanent display of plant status
- Anti cycling function
- Load or weather compensation
- Improves boiler efficiency and helps reduce CO² emissions

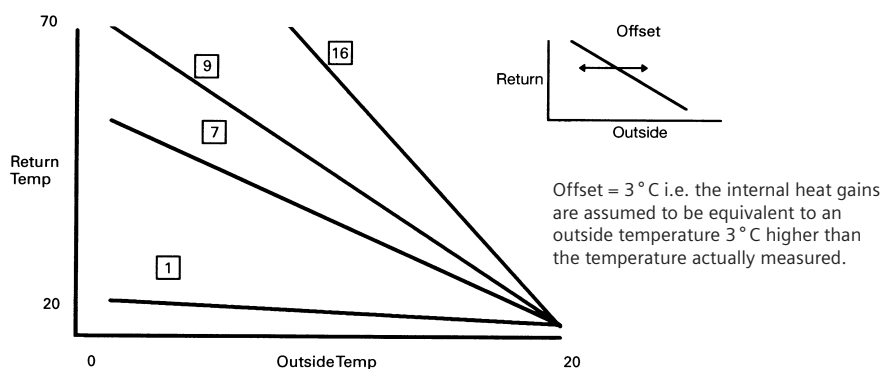
Use

The prime function of the BLC1.A is to adjust boiler output temperature to ensure the boiler operates at or near its peak efficiency whilst maintaining comfort conditions.

The BLC1.A is a heating controller which can be used as either a weather dependent compensator or as a system load compensator.

Weather compensation information

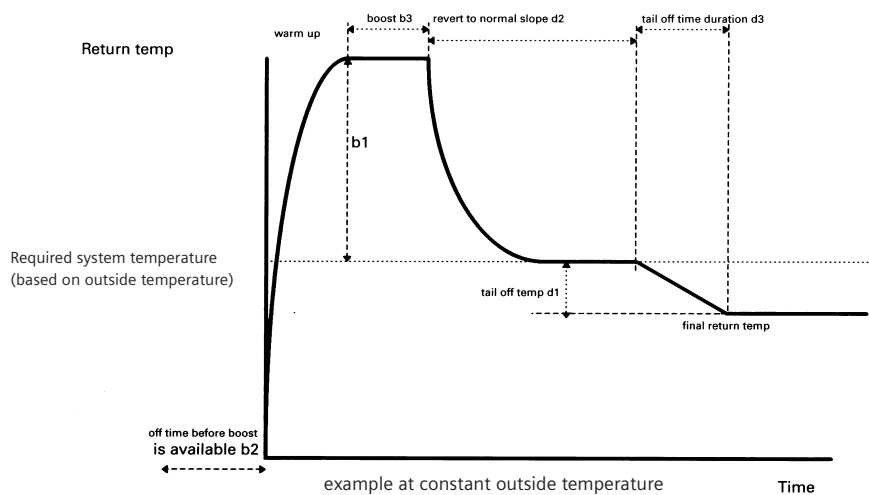
Weather Compensation Graph



Default Slope = 9

NB Slope 9 gives 70 °C return at -1 °C (outside temperature)

Weather Compensation Operation



Technical Data

Operating Voltage	AC 220-240 V
Switching Voltage	12-250 V
Dimensions	160mm wide x 100mm high x 48mm deep

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