

# ATC-200 Manual

## Important

- Do not overload the device.
- Care must always be taken when working with electricity.
- Any device that it used with the ATC-200 must have its own correctly rated fuse.
- Any equipment with a short circuit could damage this device.
- Although the main body and sockets are sealed please avoid direct contact with water and fluids. If your thermostat is being used in an area with water care should be taken to site in a safe place away from water splashes.

## Overview

Please note that on this model of the ATC-200 the **TIMER** key is used as an on off switch and cannot be programmed as a timer. To allow us to supply this thermostat at this very competitive price this function is removed during manufacturing. To operate the second socket marked **II** please use the **Timer** key as an **On Off** switch.

The ATC-200 is a heating only thermostat. This thermostat package comes complete with a 2 way 3 pin UK extension socket already wired to it for your convenience.

To check the current temperature setting press and release the **TEMP** key and the temperature setting will display. To turn on and off the socket marked **II** press and release the **TIMER** key.

## Alarm

The ATC-200 has a built in visual alarm that has been preset to activate when the temperature is 4c or more below or above your current temperature setting. The alarm LED will light and the screen will flash.

## Sockets

The socket used for your heating devices is marked as **I** and the timing socket is marked as **II**. Please note that the red panel on the extension sockets does not illuminate.

## The Indication lights

The front of the ATC-200 contains 3 small LED lights. When illuminated these mean the following:

- **Heat:** This indicates that the operation of the heater socket marked **I**. The colour of the LED is:
  - RED when the socket is receiving power as temperature reading is below your setting.
  - Flashing GREEN when the temperature is at or above your current setting
- **Alarm:** This indicates when the temperature is above or below your temperature setting by flashing Yellow. The temperature display reading will also flash at the same time.
- **Timer:** This indicates when power is being sent to the socket marked as **II**.

## Operating Instructions

To change the temperature settings press and hold the **TEMP** key for 3 seconds and the current temperature setting will start to flash. Use the **UP** and **DOWN** keys to alter the setting. To save the new temperature setting press and hold the **TEMP** key for 3 seconds again until the display starts to display the current temperature. To turn the socket marked **II** On and Off press and release the **TIMER** key.

## Error Messages

**EE:** Indicates that there is a fault with the sensor or the current temperature reading is below 0c or above 50c.

## Specifications

Thermostat Size: 150 long by 85mm wide by 45mm deep

Controlling Range: 0c to 40c

Resolution: 1c

Power Supply: 220v AC +/- 10% 50 to 60Hz

Power Consumption: less than 1.5w

**Heating and Second Power Socket Output: 1200w Max**

Sensor Cable Length: 2 metre approx

Sensor Diameter: 6mm approx

Sensor Type: NTC. Sealed, plastic coated and waterproof