

Introduction

The Ambiente DS-SB is a flush mounted set-back thermostat and is ideal for those who want a simple but energy efficient temperature control system. The DS-SB features a set-back function. This function automatically reduces the set temperature by 4°C when no time clock signal is detected.

The DS-SB thermostat has been designed to work in conjunction with the Ambiente UH8 wiring centre and TM4 Programmer, but can also be used as a standalone dial thermostat.

Remote Sensor

The Ambiente DS-SB provides the option to work with a remote temperature sensor. When a compatible remote sensor is connected, the thermostat will automatically switch from using its internal sensor to use the remote sensor instead. This function is ideal for controlling bathrooms or when the thermostat needs to be installed in a different area of the building to that being measured and controlled.

Temperature Up/Down Limiting

Insert pegs into the location holes positioned around the inner edge of the fascia. This will limit the dial movement allowing you to set a minimum and maximum temperature.

Installation

IN ORDER TO AVOID ANY RISK OF ELECTRIC SHOCK, TURN OFF THE POWER TO THE HEATING SYSTEM BEFORE COMMENCING INSTALLATION.

1. Separate the front part of the thermostat by placing a small flat head terminal driver into the slot on the bottom face of the thermostat.
2. Terminate the thermostat as shown in the wiring diagram.
3. Screw the back plate securely back onto the wall.
4. Clip the front part of the thermostat onto the back plate and turn the power back on.

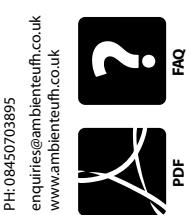
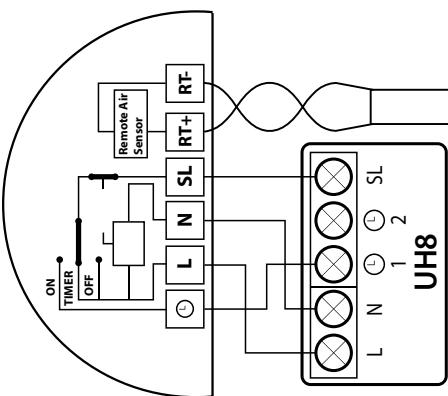


Model: DS-SB



Ambiente

DS-SB
Wiring Diagram



Rev 4.0

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Blue Base Heatable Thermostat Ambiente Systems UK
Heatable Thermostats, 1-Wire Heatable Thermostats, 1-Wire Heatable Sensors, 1-Wire Heatable Sensors UK

Setting The Temperature

To change the set point, rotate the dial until it points to the desired temperature.



Set-back Operation

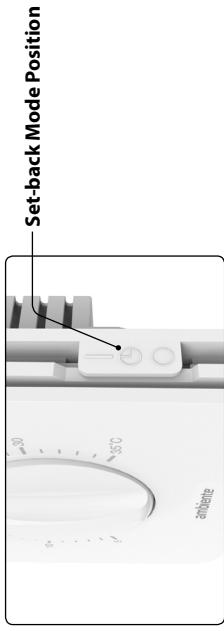
The Ambiente DS-SB offers a set-back function that automatically reduces the set temperature by 4°C.

To make use of the set-back function, a 230v time clock is also required on the system.

Place the thermostat slide switch into the time clock position.

When the thermostat receives a 230v signal from the time clock it will control the temperature according to the dial setting.

When no 230v signal is received from the time clock, the thermostat will operate in setback mode and automatically reducing the set temperature by 4°C

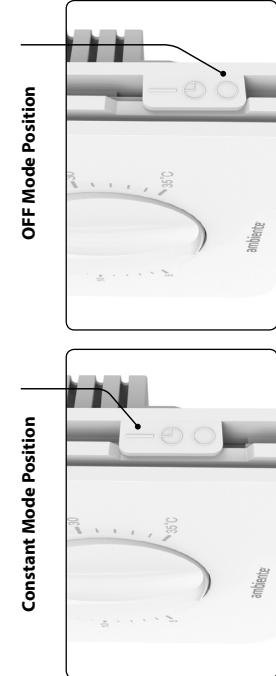


1 Constant Mode

The time clock can be bypassed by placing the switch into position 1. In this position, the thermostat will ignore the time clock input and will continuously control to the set temperature. This feature can be used to extend the heating period without the need to adjust the time clock program.

0 Off Mode

Placing the thermostat switch into position 0 will turn OFF the heating completely.



LED LED Indication

Right LED

The right LED is the power LED. It is a two colour LED and is used to indicate the time clock / set-back status.

Left LED

The left LED indicates the heating status. It illuminates when the thermostat is calling for heat.

