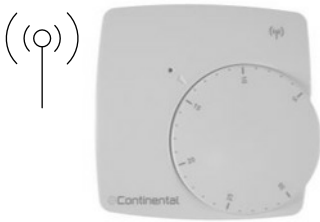


HeatMax™

RF dial room thermostat
c/w NSB

34041



Installation & User Guide

Description / Overview

The HeatMax™ RF dial thermostat is an electronic thermostat designed for use with warm water underfloor heating systems.

- Comfort operating mode (Day time use)
- Reduced operating mode (Night setback)
- Automatic Night setback (in conjunction with HeatMax™ RF night set back timer module)
- Maximum and minimum temperature settings limited by movable pins

How it works

The HeatMax™ RF dial thermostat is a state of the art, silent thermostat with a clear readable dial that lets you control the way you like your home heated.

If the room air temperature is below the current set temperature, it “calls for heat”, and this output is sent to the UFH wiring centre, which controls the pump and the boiler.

Similarly, once the room has been heated and the set temperature is reached, this output ends and the corresponding heating zone valve will close. If all thermostats on the system are satisfied, both the pump and boiler will shut down.

An LED indicator tells you the thermostat status.

Installation

Tools required

1. Phillips Screwdriver (for cover removal or replacement)
2. Slotted Screwdriver with a 2.5mm or 3.0mm blade (for receiver terminal connections)
3. Screwdriver to suit mounting screws (not supplied)

Step by step guide

1. Remove battery protection strips
2. Configure thermostat with receiver (see section following)
3. Note position of dial before removing. Gently lever off the dial of the thermostat from its shaft
4. Using the Phillips screwdriver undo the screw located in the central hole
5. The two parts of the thermostat can now be separated
6. Mount the backing plate on the wall at your selected thermostat position
7. Replace the face of the thermostat on to the mounting plate and secure with the screw
8. Replace the dial on to the shaft in the original position and press gently to the face of the thermostat.

NOTE:


Ensure that the thermostat

- ✓ Is not higher than 1.5m from the floor
- ✓ Is at least 200mm away from the edge of a door
- ✓ Not in direct sunlight
- ✓ Not next to a window
- ✓ Not over a heat source

Set-up / Commissioning

Radio Configuration Mode

Install and wire in the receiver, set the RF Initiation mode. (You have 30 seconds to execute the next step)

To assign a HeatMax™ RF dial thermostat to the receiver put the switch from the OFF position to the  Comfort position.

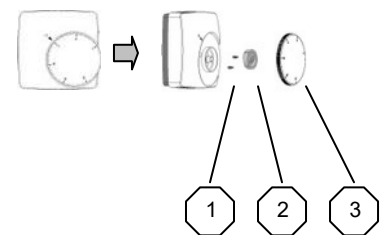
The HeatMax™ RF dial thermostat will send a configuration address by radio signal to the receiver.

Verify that radio signals are correctly received. On the receiver the Green LED will blink at each radio signal received from the thermostat.

When the thermostat is configured. Set the receiver to Auto mode.

NOTE:

- ✓ While setting the thermostat should be near the receiver




Calibration of thermostat:

- This is only to be carried out if recalibration is required. The thermostats are set during manufacturing.
- Remove the dial and divide parts (2) & (3)
- Put the bottom part (2) back on the shaft
- Turn the part (2) until you have the led shining in limit position. (Check with external thermometer)
- Then put the dial (3) back in correct position
- Pins (1) can be used to set the minimum and maximum temperature using the holes around (2)

User Guide

To change the Operating mode move the selector switch to the following

 **COMFORT operating mode:**

Comfort temperature operation indefinitely.

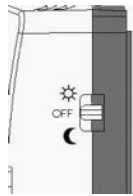
OFF operating mode:


Thermostat switched off, not sending signals to the receiver.

 **REDUCED operating mode:**

Reduced temperature operation indefinitely. (Set back).

This is 4°C lower than the set temperature on the dial.



 **COMFORT operating mode**

OFF

 **REDUCED operating mode (-4°C)**

Technical Information

Operating Temperature	0°C to- 50°C
Setting temperature	5°C - 30°C
Differential	0.2°C (or 0.4°F)
Electrical Protection	IP30
Batteries	2 x lithium CR2430 3V, Life approx 2 years
Radio frequency	433.92 MHz <10mW Range of approximately 70 metres in open space Range of approximately 25 metres in residential environment
Certifications	CE, EN 300220-3, EN 301489 (Radio frequency certifications)

Spare Parts / Accessories

There are no spares available for this item.

There are no accessories available for this item.

Address and Contact Information

CONTINENTAL UNDERFLOOR

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LED indicator

Red: Heating Indication

Red Blinking: Low Batteries Indication

Green Blinking: Radio Transmission

Orange: In set back mode