

# PROGRAMMABLE ROOM THERMOSTAT

**ambiente**<sup>®</sup>

more than underfloor

## PRODUCT OVERVIEW

The Ambiente Programmable Room Thermostat is our most popular model for the control of individual heating zones. The ability to set up the heating system to the most efficient pattern, as well as geared to the users lifestyle, as made this a popular choice for homeowners.

This model has 7-day programming function, with 4 time periods per day, pre-set by the user to meet their requirements. Other features include Holiday mode, lock function, frost mode.

The thermostat is available as 230v (PRT/E) and 12v (PRT/NE), working with UH2/UH3 or UH1 wiring centres respectively. This model is unique to Ambiente for the following reasons:

### External temperature sensors:

The Ambiente programmable thermostat can be used with remote air sensors, remote floor sensors, or both together - this meets the need where the air sensor is used to monitor the room temperature, and the floor sensor is used to limit the overall floor temperature in order to protect sensitive floor coverings.

Can be used for both wet and electric UFH: As this model can switch 16A, it is suitable for the control of both electric and hydronic/'wet' UFH.

### Wiring

Our programmable thermostat requires 3 cores + earth of either mains/12v wiring.

### Dimensions

Height = 98mm | Width = 85mm | depth = 13mm



| Model Type                        | 230v            |       | 12v Network |       |       |        |
|-----------------------------------|-----------------|-------|-------------|-------|-------|--------|
|                                   | PRT-E           | PRT   | PRT-E       | DT-N  | PRT-N | PRT-EN |
| Temperature Range                 | 05-35°C 05-95°F |       |             |       |       |        |
| 5/2 Day Programming               | Yes             | Yes   | Yes         | No    | Yes   | Yes    |
| 7 Day Programming                 | Yes             | Yes   | Yes         | No    | Yes   | Yes    |
| No. of Heating Levels             | 4               | 4     | 4           | 1     | 4     | 4      |
| Optimum Start                     | Yes             | Yes   | Yes         | No    | Yes   | Yes    |
| Holiday Function                  | Yes             | Yes   | Yes         | No    | Yes   | Yes    |
| Keylock                           | Yes             | Yes   | Yes         | Yes   | Yes   | Yes    |
| Temperature Hold                  | Yes             | Yes   | Yes         | No    | Yes   | No     |
| Temperature Override              | Yes             | Yes   | Yes         | Yes   | Yes   | Yes    |
| Temp Override Limit               | Yes             | Yes   | Yes         | Yes   | Yes   | Yes    |
| Frost Protection                  | Yes             | Yes   | Yes         | Yes   | Yes   | Yes    |
| Networking Facility               | No              | No    | No          | Yes   | Yes   | Yes    |
| C/F Option                        | Yes             | Yes   | Yes         | Yes   | Yes   | Yes    |
| Remote Air Sensor Connection      | Yes             | No    | Yes         | No    | No    | Yes    |
| Built In Air Sensor               | Yes             | Yes   | Yes         | Yes   | Yes   | Yes    |
| Floor Sensing Mode                | Yes             | No    | Yes         | No    | No    | Yes    |
| Floor Sensor Included             | No              | No    | No          | No    | No    | Yes    |
| Max Current                       | 16A             | 3A    | 16A         | 3A    | 3A    | 3A     |
| Accuracy                          | +/-1C           | +/-1C | +/-1C       | +/-1C | +/-1C | +/-1C  |
| Infrared Remote Control Option    | Yes             | Yes   | Yes         | Yes   | Yes   | Yes    |
| Adjustable Switching Differential | Yes             | Yes   | Yes         | Yes   | Yes   | Yes    |
| Changeover Option                 | No              | Yes   | No          | No    | No    | No     |
| Supply                            | 230v            | 230v  | 230v        | 12v   | 12v   | 12v    |

Dimensions : 98x85x13mm (all units) : Weight : 195g (all units).

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