

Product Data Sheet

12/17/2024

Electronic Controls

Programmable Room Thermostats

UK - Myson



- Uses Smart Start technology
- 24 hour or 7 day programming
- Compatible with Floortec underfloor heating
- Energy-saving control
- Geolocation capability

Description

Easy-to-use programmable room thermostat which utilises Smart Start technology, and can give the user considerable savings on heating bills by varying start-up times. The Smart Start system is continually learning the temperature rise requirement, delaying the start-up of the system, therefore saving energy during milder weather. A radio frequency version is also available.

Compatible with Myson Floortec underfloor heating systems. One thermostat can control several loops.

Area of Application

Programmable Room Thermostats are suitable for residential and commercial applications. They are ideal for controlling multiple heating zones, underfloor heating systems, standard radiators, and both hydronic and electrical systems. They integrate seamlessly with smart home automation and can be controlled remotely via apps .

Selection Criteria

To select the right programmable room thermostat, consider the compatibility with your heating system, required zones, and smart home integration capabilities. For a quick selection, use our brochure or design service .

Basic User Instructions

Install the device following the provided manual, ensuring it is mounted securely on an interior wall. Configure the programming schedule via the touch screen or companion app. Regularly update the software for optimal performance and use the app for remote adjustments. Ensure batteries are replaced as needed and clean the unit periodically .

Prescription text specifiers

Programmable Room Thermostats utilize Smart Start technology for energy-efficient heating by optimizing start-up times based on environment temperature. Designed for multiple heating zones, they support both hydronic and electrical systems and integrate with modern smart home systems. Equipped with an intuitive LCD display, these thermostats offer 24-hour and 7-day programmable settings, manual and remote control options through a mobile app, and automated geolocation features for optimal temperature management. Compatible with underfloor heating systems, ensuring efficient, user-friendly operation in varied residential and commercial setups .

Warranty

For your additional peace of mind, Purmo Group gives the following Warranty against manufacturing defect. Your statutory rights are not affected by this Warranty.

Subject as provided below, Purmo Group warrants to the original purchaser at the original installation site that its products will be free from defects in materials and workmanship for the following periods:

- Hydronic Radiators: 10 years from date of purchase.*
- Fan Assisted Radiators (ULOW-E2): 2 years from date of purchase.*
- Fan Convectors: 2 years from date of purchase.
- Hydronic Underfloor Heating: 10 years for the pipe from date of purchase.
- Hydronic Underfloor Heating: 2 years on accessories, actuators, ball valves, controls, expansion vessels, fittings, low loss headers, manifolds, mixer control groups & tooling from date of purchase.
- Hydronic Underfloor Heating: 12 months on all pumps from date of purchase.
- Electric Underfloor Heating: 10 years from date of purchase (except programmer & sensor).
- Electric Radiators and Towel Warmers: 2 years from date of purchase.*
- Hydronic Towel Warmers: 5 to 10 years from date of purchase depending on product type.*
- Myson Radiator Valves and Controls: 2 to 5 years from date of purchase, depending on range.

*Products which are exposed to prolonged extreme conditions, such as high humidity or severe cold/condensation, may be subject to deterioration. This is not a result of any manufacturing defect. Products installed in these circumstances will be subject to a warranty period of twelve months only.

The original purchaser's remedy for breach of this Warranty is expressly limited to repair or replacement of any part or parts found to be defective under conditions of normal service and use during the above Warranty period and does not extend to Purmo Group being liable for any incidental, special or consequential damages or losses whatsoever, such as loss of use of the product, inconvenience or lost profits.

This Warranty does not cover any defect, damage or malfunction in the product which is due to: failure to comply in any respect with Purmo Group's installation, maintenance or operating instructions; faulty storage,

handling, installation or repair; mis-use; neglect; accident; abuse; or general wear and tear.

Before this warranty can be activated, the original purchaser will be required to prove, with supporting documentation, the date and place of purchase, as Purmo Group may need to conduct its investigation into

the alleged defect. This should be within 28 days of the date when the defect was discovered or ought to have reasonably discovered the defect.

Purmo Group reserves the right to make a reasonable charge for inspecting and testing any product which is subject to a Warranty claim and the rights conferred by the Warranty are conditional upon the payment of such charge. The charge may be made, at Purmo Group's discretion, either before or after the inspection and testing of the product. In the event that it is established to Purmo Group's reasonable satisfaction that a valid Warranty claim has been made in respect of the product, then any inspection charge which has been paid will be refunded in full by Purmo Group.

Specification

| Feature | Unit | Value |
|------------------------------------------------|----------------------|----------------------------|
| Etim Class | | EC010927 - Room thermostat |
| Model | | On/Off |
| Type of power supply | | 230 V AC, Battery |
| Connection | | 2 - Wireless |
| With receiver | | No, Yes |
| Measuring range min | Degrees celsius (°C) | 6 - 90 |
| External sensor | | No |
| Thermal feedback | | None |
| Control characteristic | | Other, PI |
| Suitable for heating | | Yes |
| Suitable for heating | | Yes |
| Number of heater outputs | | 1 |
| Suitable for cooling | | No |
| Differential value min | Kelvin (K) | 0.5 - 283.15 |
| Adjustable differential | | No |
| Temperature readable | | No, Yes |
| With sound indicator | | No |
| Sensor/feeler type | | Other, Resistance sensor |
| Mounting method | | Surface mounted |
| With display | | No, Yes |
| Operation | | Button, Turn |
| Concealed operation | | No, Yes |
| With tap water circuit | | No |
| Contact type | | Normally open contact (NO) |
| Max. contact voltage | Volt (V) | 230 |
| Degree of protection (IP) | | IP20, IP30 |
| Explosion-proof | | No, Yes |
| Colour | | White |
| RAL-number | | 9016 |
| Height | Millimetre (mm) | 11, 85 |
| Width | Millimetre (mm) | 40, 125 |
| Depth | Millimetre (mm) | 25, 85 |
| Class of the temperature control | | IV |
| Standby power consumption (solstandby)Watt (W) | | 1 |
| Compatible with Apple HomeKit | | No |
| Compatible with Google Assistant | | No |
| Compatible with Amazon Alexa | | No |

| Feature | Unit | Value |
|-------------------------|---------------|--------------------------------|
| IFTTT support available | | No |
| Item weight | Kilogram (kg) | 0.2138, 0.257, 0.26556, 0.5602 |

Resources

| Document Description | Document Type | Link |
|----------------------|---------------|------|
|----------------------|---------------|------|

Items

| Local Code | Global Item Code | Item Description |
|------------|-------------------|--------------------------------------------|
| MCT1TP | FFUK10000DAZ00UK3 | Cylinder Thermostat - Tamper Proof |
| MPRTMS | FFUK40000DAZ04UK3 | Programmable Room Thermostat - Mains Power |
| MPRT | FFUK40000DBZ04UK3 | Programmable Room Thermostat |
| MPRTRF | FFUK40000DBZ05UK3 | Programmable Room Thermostat - Rf |