

# Product Data Sheet

9/2/2024

Electronic Controls

## Room Thermostat MPRT

UK - Myson



- Easy to use
- Smart Start technology
- Energy Efficient
- Wireless version available
- Extended 5-Year Warranty

## Description

The MPRT from Myson is an easy-to-use programmable room thermostat. A wireless version is also available.

## Area of Application

The Room Thermostat MPRT is ideal for residential and commercial buildings, compatible with MYSON FLOORTEC underfloor heating systems. Its Smart Start technology ensures energy efficiency. Suitable for hydronic heating, floor heating, and central heating systems.

## Selection Criteria

For selecting the product or calculating the system, please use our technical documents, product manuals, our design service, or contact us via e-mail or phone.

## Basic User Instructions

Install the Room Thermostat MPRT in a location with good airflow to accurately measure room temperature. Utilize the Smart Start feature to optimize energy use by delaying startup times during milder weather. Maintenance involves regular battery checks for wireless models and ensuring clear LCD display readability. Refer to the manual for detailed programming instructions.

## Prescription text specifiers

The Room Thermostat MPRT is an advanced, easy-to-use programmable thermostat equipped with Smart Start technology for optimal energy efficiency. It supports 24-hour or 7-day programming, with three temperature settings: comfort, economy, and frost. Compatible with MYSON FLOORTEC underfloor heating systems, it connects to a 24V wiring center and can control multiple loops. The thermostat includes a clear, accurate LCD display, a radio frequency version for wireless control, and manual override options. IP30 rated with a two-year warranty against manufacturing defects. Suitable for residential and commercial heating applications.

## 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
Connection		2-wire
With receiver		No
Measuring range min	Degrees celsius (°C)	6 - 32
External sensor		No
Thermal feedback		None
Control characteristic		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 - 1
Temperature readable		Yes
With sound indicator		No
Sensor/feeler type		Resistance sensor
Mounting method		Surface mounted
With display		Yes
Operation		Button
Concealed operation		Yes
With tap water circuit		No
Contact type		Normally open contact (NO)
Max. contact voltage	Volt (V)	230
Degree of protection (IP)		IP30
Explosion-proof		Yes
Colour		White
RAL-number		9016
Height	Millimetre (mm)	85
Width	Millimetre (mm)	125
Depth	Millimetre (mm)	30
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
IFTTT support available		No

<b>Feature</b>	<b>Unit</b>	<b>Value</b>
Item weight	Kilogram (kg)	0.138

# Resources

Document Description	Document Type	Link
Myson Electronic Controls Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_78d97484-be71-44b9-99b6-1c27006da595">https://asset.productmarketingcloud.com/api/assetstorage/3577_78d97484-be71-44b9-99b6-1c27006da595</a>
Myson Floortec Premium Underfloor Heating Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_c2f27eb0-a115-4698-910c-e992a7d7a2d0">https://asset.productmarketingcloud.com/api/assetstorage/3577_c2f27eb0-a115-4698-910c-e992a7d7a2d0</a>
Myson Kickspace Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_564b1295-9761-4b6d-a51c-7fbe0f06c14b">https://asset.productmarketingcloud.com/api/assetstorage/3577_564b1295-9761-4b6d-a51c-7fbe0f06c14b</a>
Myson Complete Solutions - Full Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b">https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b</a>
MPRT Hard Wired Instalation Instructions	Installation Instructions	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_ba04ef4d-9271-4800-86f9-7c6a40bc262b">https://asset.productmarketingcloud.com/api/assetstorage/3577_ba04ef4d-9271-4800-86f9-7c6a40bc262b</a>

# Items

Local Code	Global Item Code	Item Description
50562	FAXORWRWDC1H0110	MPRT Programmable Room Stat