Product Data Sheet

12/17/2024

Electronic Controls

Room Thermostat MPRT Wireless RF

UK - Myson

- Clear, accurate LCD display

- Smart Start technology

- Saves energy

- Easy to use

- Radio frequency version available

Description

Myson's MPRT Wireless RF is an easy-to-use programmable room thermostat. It uses Smart Start technology which can give the user considerable savings on energy bills by varying start-up times. The Smart Start system continually learns the temperature rise requirement, delaying the start-up of the system, therefore saving energy during milder weather. A radio frequency version is also available.

Area of Application

The Room Thermostat MPRT Wireless RF is ideal for residential and small commercial applications. It's compatible with MYSON FLOORTEC underfloor heating systems and connects to a 24V hard-wired wiring center. Designed for environments where installation of wired thermostats is challenging due to existing structures.

Selection Criteria

To select the Room Thermostat MPRT Wireless RF, use our design service, or for a quick selection, refer to our comprehensive brochure for guidance.

Basic User Instructions

To ensure optimal performance, install the Room Thermostat MPRT Wireless RF in a location free from direct sunlight or drafty conditions. Secure the thermostat in place according to the provided instructions ensuring a stable and accurate temperature reading. For manual settings and programming, consult the user manual. Make sure the connection to the receiver is established properly to facilitate functionality. Regular battery checks are recommended for wireless models.

Prescription text specifiers

The Myson MPRT Wireless RF is an intuitive, programmable thermostat with Smart Start technology, giving considerable energy savings by adjusting start-up based on real temperature data. It features 3 temperature settings: comfort, economy, and frost, as well as 4 programs (3 preset, 1 adjustable) with a manual override option. It has a clear, accurate LCD display and is compatible with Myson FLOORTEC underfloor heating systems, connecting to a 24V hard-wired wiring centre. The IP30 rated unit offers reliable performance with easy installation and is backed by a 2-year guarantee. Ideal for residential and small commercial applications where wiring installation is difficult.

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 & toolingfrom 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		Battery
Connection		Wireless
With receiver		Yes
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

Feature	Unit	Value
Item weight	Kilogram (kg)	0.52

Resources

Document Description	Document Type	Link
Myson Electronic Controls Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_78d97484-be71-44b9-99b6-1c27006da595
Myson Complete Solutions - Full Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b

Items

Local Code	Global Item Code	Item Description
50511	FAX0R4RSDC1H0110	MPRT + Radio Frequency (Wireless)