

# Product Data Sheet

12/3/2024

Electronic Controls

## Unisenza Plus Thermostat RF - 2 Channel

UK - Myson



- Accurate temperature control
- Versatile connectivity
- Standard power source
- Future-proof technology
- Extended 5-year warranty

## Description

The Myson Unisensa Plus Programmable Thermostat is a wireless 2-channel room thermostat offering Zigbee 3.0 compatibility. It controls heating and hot water while offering app and wireless capabilities when paired with the Unisensa Plus Gateway and Receiver RF. Easy to place within a room, it supports a smart, flexible heating solution.

## Area of Application

The Unisensa Plus Thermostat is ideal for residential and commercial environments where room comfort is crucial. It works wirelessly using Zigbee 3.0 and is battery-powered. It can control Electronic Thermostatic Heads (ETH) and receivers, providing versatile heating and hot water control options.

## Selection Criteria

For optimal product selection, refer to our design service or use our quick selection brochure tailored to your specific needs.

## Basic User Instructions

For full operational details, please visit our website. Download the Unisensa Plus app from the Appstore for iOS or Google Play. The thermostat operates on standard AA batteries, which are included in the package. Follow the supplied instructions for proper installation and battery insertion. Always ensure the communication with the Unisensa Plus Gateway via Zigbee 3.0.

## Prescription text specifiers

The Unisensa Plus Wireless Thermostat is a sophisticated Zigbee 3.0 room thermostat. It offers two-channel control outputs via Zigbee wireless communication. The first channel is used for programmable room temperature control, while the second channel is intended for domestic hot water on/off timer control. The device communicates with the Unisensa Plus Gateway, allowing for remote access via mobile apps on Android or iOS. It includes a multifunctional input for additional accessories, enhancing control options in both residential and commercial applications. The thermostat requires 2 AA batteries, offers geolocation features, and maintains an IP30 rating.

## 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		EC003263 - Smart thermostat
Regulation type on/off		No
Regulation type modulating		Yes
Communications protocol		OpenTherm
Type of power supply		Battery
Connection		Wireless
With receiver		No
Measuring range min	Degrees celsius (°C)	5 - 30
External sensor		No
With thermal feedback		No
Control characteristic		PI
Adaptive (self-learning)		Yes
Suitable for heating		Yes
Number of heater outputs		1
Suitable for cooling		Yes
Number of cooler outputs		1
Ventilation		No
Differential value min	Kelvin (K)	0.5 - 1
Adjustable differential		No
Sensor/feeler type		Resistance sensor
Temperature readable		Yes
With display		Yes
Type of clock		Year clock
Clock model		Digital
Overtime switch		Yes
Optimisation		Yes
With tap water circuit		No
Operation		Button
Suitable for floor heating control		Yes
Suitable for district heating control		Yes
Remote operation possible		Yes
IFTTT support available		Yes
With presence perception		No
Weather-dependent control system		No
Number of switching programmes		2
Contact type		Change-over contact (NO/NC)
Max. contact voltage	Volt (V)	24

Feature	Unit	Value
Max. contact load	Ampere (A)	3
Degree of protection (IP)		IP30
Colour		White
RAL-number		9016
Width	Millimetre (mm)	119
Depth	Millimetre (mm)	25
Height	Millimetre (mm)	85
Class of the temperature control		II
Standby power consumption (solstandby)	Watt (W)	3
Item weight	Kilogram (kg)	0.229

# Resources

Document Description	Document Type	Link
	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_8ecdfe99-7ec4-43e2-a92c-3b9fade720a4">https://asset.productmarketingcloud.com/api/assetstorage/3577_8ecdfe99-7ec4-43e2-a92c-3b9fade720a4</a>

# Items

Local Code	Global Item Code	Item Description
UNIPLTHERMRF2	FFUBTRRBDC2CC513	Unisenza Plus Thermostat RF