

# Product Data Sheet

2/13/2025

Electronic Controls

## Unisenza Plus Electronic Thermostatic Head

UK - Myson



- Accurate temperature control
- Standard power source
- Geolocation
- Open window detection

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- Extended 5-year warranty

## Description

The Myson Unisenza Plus Electronic Thermostatic Head (ETH) can replace the existing TRV head on a standard radiator valve. The ETH operates as an independent radiator control or, when connected to Unisenza Plus Gateway, operates wirelessly via the Unisenza Plus app. It has the latest ZigBee 3.0 wireless technology for easy integration with other products in the Unisenza Plus range, creating a whole-house smart heating solution.

## Area of Application

The Unisenza Plus Electronic Thermostatic Head is designed for use in hydronic heating systems. It replaces existing passive heads on standard thermostatic radiator valves (TRVs). It has an M30x1.5mm connection and includes an adapter for Danfoss RA valves. Suitable for wireless communication.

## Selection Criteria

Use our design service or refer to our brochure for quick selection of the appropriate Unisenza Plus Electronic Thermostatic Head.

## Basic User Instructions

Please visit [www.myson.co.uk](http://www.myson.co.uk) for the complete manual. Download the Unisenza Plus app from the App Store for iOS or Google Play. The ETH can be controlled wirelessly for easy temperature management of individual radiators. Ensure AA batteries are installed for operation.

## Prescription text specifiers

The Unisenza Plus Electronic Thermostatic Head (ETH) can replace the existing TRV head on a standard radiator valve. The ETH operates as an independent radiator control or, when connected to the Unisenza Plus Gateway, operates wirelessly via the Unisenza Plus app. It has the latest ZigBee 3.0 wireless technology for easy integration with other products in the Unisenza Plus range, creating a whole-house smart heating solution. Features include accurate temperature control with dual thermistors, AA battery operation with over two years of battery life, geolocation for flexible temperature management, an open-window function to save energy, and an extended 5-year warranty.

## 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		Brand-dependent
Type of power supply		Battery
Connection		Wireless
With receiver		No
Measuring range min	Degrees celsius (°C)	5 - 35
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		1
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)		IP20
Colour		White
RAL-number		9016
Width	Millimetre (mm)	48
Depth	Millimetre (mm)	50
Height	Millimetre (mm)	95
Class of the temperature control		II
Standby power consumption (solstandby)	Watt (W)	1
Weight	Kilogram (kg)	0.175

# Resources

Document Description	Document Type	Link
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>
Myson Valves Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_ef75e07a-fa70-492a-aa8a-b717c52c3ce7">https://asset.productmarketingcloud.com/api/assetstorage/3577_ef75e07a-fa70-492a-aa8a-b717c52c3ce7</a>

# Items

Local Code	Global Item Code	Item Description
UNIPLETH	FFUBARRDDC1HC113	Unisenza Plus Electronic Thermostatic Head M30