

Product Data Sheet

9/8/2024

Unisenza Plus Electronic Thermostatic Head

UK - Myson



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

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- **Extended 5-year system warranty**

Description

The Unisenza Plus electronic thermostatic head (ETH) can control thermostatic radiator valves in hydronic heating and cooling systems. Paired with the Unisenza Plus gateway, it integrates with other products in the Unisenza Plus range using ZigBee 3.0 technology for a smart home solution.

Area of Application

The Unisenza Plus electronic thermostatic head is designed for use in hydronic heating systems. It replaces existing thermostatic 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.purmo.com 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 thermostatic 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 integrates the latest ZigBee 3.0 wireless technology for easy integration with other products in the Unisenza Plus range, creating a complete smart heating solution. Features of the electronic thermostatic head 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 system 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
Item weight	Kilogram (kg)	0.175
Colour		White
Width	Millimetre (mm)	48
Height	Millimetre (mm)	95
Depth	Millimetre (mm)	50
RAL-number		9016
Connection		Wireless
With display		Yes
With thermal feedback		No
Type of power supply		Battery
Contact type		Change-over contact (NO/NC)
Measuring range	Degrees celsius (°C)	35, 5
Operation		Button
Remote operation possible		Yes
Adaptive (self-learning)		Yes
Type of clock		Year clock
Degree of protection (IP)		IP20
Communications protocol		Brand-dependent
Sensor/feeler type		Resistance sensor
Class of the temperature control		II
Standby power consumption (solstandby)Watt (W)		1
Suitable for floor heating control		Yes
Suitable for district heating control		Yes
With presence perception		No
IFTTT support available		Yes
Ventilation		No
Regulation type on/off		No
Regulation type modulating		Yes
Max. contact voltage	Volt (V)	24
With receiver		No
Control characteristic		PI
Weather-dependent control system		No
With tap water circuit		No
Number of heater outputs		1
Number of cooler outputs		1
Clock model		Digital

Feature	Unit	Value
Overtime switch		Yes
Temperature readable		Yes
Optimisation		Yes
Number of switching programmes		1
Suitable for heating		Yes
Max. contact load	Ampere (A)	3
Differential value	Kelvin (K)	0.5, 1
External sensor		No
Adjustable differential		No
Suitable for cooling		Yes

Resources

Document Description	Document Type	Link
Myson Valves Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_ef75e07a-fa70-492a-aa8a-b717c52c3ce7
Myson Complete Solutions - Full Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b

Items

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