

Product Data Sheet

9/5/2024

Unisenza WiFi Programmable Thermostat

UK - Myson



- Maximum comfort
- Minimal energy use
- Control via display, VA or App
- Extended 5 year warranty
- External sensors

Description

Myson's Unisenza WiFi Programmable Thermostat delivers perfect room temperature control. It connects directly to your WLAN for app control, negating the need for a gateway. Features include geo-fencing for presence control, OTA updates, and a noiseless Triac output with a temperature range of 5-30°C. The ultra-flat design offers a depth of only 17 mm.

Area of Application

Unisenza WiFi Programmable Thermostat is ideal for residential and commercial spaces requiring precise temperature control. It can handle heating and cooling, offers weekly programming, presence control via geo-fencing, and can operate in ECO mode.

Selection Criteria

For product selection or system calculations, please use our technical documents, product manuals, our design service, or contact us via email or phone.

Basic User Instructions

Download the Unisenza app from the App Store or Google Play to control the thermostat. Mount the device on a flush-mounted connection unit and pair it with your WLAN router for app control. Follow detailed online manuals on the Unisenza website for programming and usage instructions, including potential firmware updates.

Prescription text specifiers

Unisenza WiFi InWall thermostat as an electronic PI controller (2-point or PWM) with noiseless triac output and LCD display, and a temperature range of 5-30°C. Easily mounts on flush-mounted connection units. Functions as a clock thermostat with a weekly program and central control of Dial and Digital thermostats. Pairs effortlessly with WiFi routers for app control, requiring no gateway. Offers geo-fencing for presence control, suitable for heating, cooling, and ECO operation with multiple program options. Supports external floor sensors and features OTA software updates. It comes with a 5-year warranty and free apps for Android and iOS.

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)	0.15
Colour		White
Width	Millimetre (mm)	85
Height	Millimetre (mm)	85
Depth	Millimetre (mm)	45
RAL-number		9016
Connection		3-wire, Wireless
With display		Yes
With thermal feedback		No
Type of power supply		230 V, 24 V, 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)		IP30
Communications protocol		Other
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, Yes
Regulation type modulating		Yes
Max. contact voltage	Volt (V)	230, 24
With receiver		No, Yes
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		No
Temperature readable		Yes
Optimisation		Yes
Number of switching programmes		5
Suitable for heating		Yes
Max. contact load	Ampere (A)	0.4, 1.15
Differential value	Kelvin (K)	0.5, 2
External sensor		Yes
Adjustable differential		Yes
Suitable for cooling		Yes

Resources

Document Description	Document Type	Link
Unisenza Brochure ENG	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_89ca48f5-6d06-4edf-aa44-d46cdb6852e8
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

Global Item Code	Item Description
FFU0TAAFDC1CC313	Unisenza Wifi 24V Thermostat
FFU3TAAFDC1CC313	
FFUBTNNADC1CC313	