Product Data Sheet

9/26/2024

Electronic Controls

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 means the perfect temperature in each individual room is at your fingertips. Once you set the temperature using the app, virtual assistant (compatible with Alexa and Google assistant) or intuitive display, the Unisenza wiring centre will take care of rest and make sure the system effortlessly adapts to guarantee efficient heating and cooling. The electronic PI controller, with noiseless Triac output and LCD display, has a temperature range of 5-30 °C, click mounting on flush-mounted connection unit, clock thermostat with weekly programme and a central control for time control of Dial and Digital thermostats. Suitable for heating & cooling and ECO operation, selectable programme options (comfort, ECO, automatic, manual), connection option for an external floor sensor, ultra-flat design with only 17 mm depth.
Simple coupling with the WLAN router for App control possible (no gateway required). Presence control possible through geo-fencing. Online software update capability (OTA). Free App for Android and iOS.

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 & 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		EC003263 - Smart thermostat
Regulation type on/off		No
Regulation type modulating		Yes
Communications protocol		Other
Type of power supply		230 V, 24 V
Connection		3-wire
With receiver		No
Measuring range min	Degrees celsius (°C)	5 - 35
External sensor		Yes
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 - 2
Adjustable differential		Yes
Sensor/feeler type		Resistance sensor
Temperature readable		Yes
With display		Yes
Type of clock		Year clock
Clock model		Digital
Overtime switch		No
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		5
Contact type		Change-over contact (NO/NC)
Max. contact voltage	Volt (V)	24, 230

Feature	Unit	Value
Max. contact load	Ampere (A)	0.4, 1.15
Degree of protection (IP)		IP30
Colour		White
RAL-number		9016
Width	Millimetre (mm)	85
Depth	Millimetre (mm)	45
Height	Millimetre (mm)	85
Class of the temperature control		II
Standby power consumption (solstandby)	Watt (W)	1
Item weight	Kilogram (kg)	0.15

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

Local Code	Global Item Code	Item Description
50435	FFU0TAAFDC1CC313	Unisenza Wifi 24V Thermostat
50434	FFU3TAAFDC1CC313	Unisenza Wifi 230V Thermostat