

# Product Data Sheet

9/26/2024

Electronic Controls

## Unisenza Dial Thermostat

UK - Myson



- Heating & Cooling Control
- 2-colour LED Indicator
- Extended 5-Year Warranty
- Silent Operation
- Easy Installation

## Description

Myson Unisenza Dial Thermostat is a hard wired, wall mounted dial thermostat, which allows for the control of underfloor heating and cooling with a single device. Simply set the ideal temperature and the LED display will indicate whether the system is in heating or cooling mode (heating = red, cooling = blue). It has a temperature range of 5-30°C and noiseless Triac output. An extended warranty of 5 years applies to all Unisenza products.

## Area of Application

Unisenza Dial Thermostat is ideal for heating and cooling applications with a temperature range of 5-30°C. It suits ECO mode operations, surface mounting and flush-mounted connections. Suitable for spaces where silent operation and precise temperature control are required.

## Selection Criteria

For selecting the product or calculating the system, please use our technical documents, product manuals, our design service, or contact us via e-mail or phone.

## Basic User Instructions

Basic control is achieved by moving the handwheel to the left or right to set the desired temperature. The thermostat monitors the room temperature, and if it falls below the set point, it activates the heating until the temperature is reached. An LED indicator displays the operating mode, with red for heating.

## Prescription text specifiers

Unisenza Dial OnWall thermostat serves as an electronic P controller with a noiseless triac output. It supports a temperature range of 5-30°C, suitable for surface-mounted or flush-mounted installation. It features a two-colour LED for displaying the operating mode, and a fixed setback temperature of 2K. Its flat design with a depth of 30mm allows for easy integration. An extended 5-year warranty guarantees reliability and performance in heating & cooling or ECO modes.

## 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		EC010927 - Room thermostat
Model		On/Off
Type of power supply		230 V AC, 24 V AC
Connection		3-/4-wire
With receiver		No
Measuring range min	Degrees celsius (°C)	5 - 30
External sensor		No
Thermal feedback		None
Control characteristic		P
Suitable for heating		Yes
Number of heater outputs		1
Suitable for cooling		Yes
Number of cooler outputs		1
Differential value min	Kelvin (K)	0.5 - 1
Adjustable differential		No
Temperature readable		Yes
With sound indicator		No
Sensor/feeler type		Resistance sensor
Mounting method		Surface mounted/recessed mounted
Number of modules (module system)		1
With display		No
Operation		Turn
Concealed operation		No
With tap water circuit		No
Contact type		Change-over contact (NO/NC)
Max. contact voltage	Volt (V)	24, 230
Degree of protection (IP)		IP30
Degree of protection (NEMA)		2
Explosion-proof		No
Colour		White
RAL-number		9016
Height	Millimetre (mm)	82
Width	Millimetre (mm)	50, 85
Depth	Millimetre (mm)	17
Class of the temperature control		I
Standby power consumption (solstandby)Watt (W)		1
Compatible with Apple HomeKit		No

<b>Feature</b>	<b>Unit</b>	<b>Value</b>
Compatible with Google Assistant		No
Compatible with Amazon Alexa		No
IFTTT support available		No
Item weight	Kilogram (kg)	0.085

# Resources

Document Description	Document Type	Link
Unisenza Brochure ENG	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_89ca48f5-6d06-4edf-aa44-d46cdb6852e8">https://asset.productmarketingcloud.com/api/assetstorage/3577_89ca48f5-6d06-4edf-aa44-d46cdb6852e8</a>
Myson Electronic Controls Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_78d97484-be71-44b9-99b6-1c27006da595">https://asset.productmarketingcloud.com/api/assetstorage/3577_78d97484-be71-44b9-99b6-1c27006da595</a>
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>

# Items

Local Code	Global Item Code	Item Description
50431	FFU0TAAAENCCC113	Unisenza Dial 24V Thermostat
50430	FFU3TAAAENCCC113	Unisenza Dial 230V Thermostat