Product Data Sheet

3/30/2025

Unisenza UFH Controls System

UK - Myson

- Efficient Temperature Control

- Flexible Installation

- Energy Efficiency

- User-Friendly

- Smart Connectivity

Description

Simply set the ideal temperature with one of three user-friendly thermostats; a simple electronic dial thermostat, a modern digital thermostat, or a Wifi programmable thermostat with clock and plug & play APP control. Once the temperature is set, the wiring centre takes over and translates the settings from the thermostat into open-loop signals for the thermal actuators. This way, each individual heating circuit receives exactly the amount of water that every room needs to maintain the temperature set on the thermostat.

Area of Application

The Unisenza UFH Controls System is suitable for application in radiant heating and cooling systems, including underfloor heating. It is ideal for both residential and commercial properties, new installations, and retrofit projects. The system ensures precise temperature control with its advanced thermostats and is compatible with heat pumps, boilers, and various heating/cooling generators.

Selection Criteria

For product selection, please use our design service. For a quick selection guide, refer to our brochure.

Basic User Instructions

For optimal use of the Unisenza UFH Controls System, start by installing the wiring centre to connect all thermostats and actuators. Set your preferred temperature using the dial, digital, or WiFi thermostat. The wiring centre will manage the distribution of heating or cooling as required. Ensure all components are hard-wired (230V or 24V) and maintain a clear line of sight for WiFi-enabled devices to ensure uninterrupted communication and control.

Prescription text specifiers

The Unisenza UFH Controls System provides a comprehensive solution for radiant heating and cooling, featuring advanced thermostats (electronic dial, digital, and WiFi), a versatile wiring centre, and efficient thermal actuators. The system operates on both 230V and 24V configurations, employing a noiseless Triac output for efficient temperature regulation within a range of 5-30°C. LED indicators display system status, while the WiFi thermostat offers app control for remote operation. The system supports multiple installations, making it ideal for new projects and retrofits. It ensures minimal energy use, aligning with sustainable climate comfort goals. An extended 5-year warranty covers all Unisenza products, ensuring reliability and peace of mind.

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: 10 years from date of purchase on radiator unit*, electric controls & electronic components; 2 years from date of purchase.*

• Electric 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

Resources

Document Description	Document Type	Link
	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_8ecdfe99-7ec4-43e2-a92c-3b9fade720a4

Items

Local Code	Global Item Code	Item Description