

Product Data Sheet

9/2/2024

Electronic Controls

Cylinder Thermostat

UK - Myson



- Easy connection
- Switching differential 5-10°C
- Wide operating range
- High mounting temperature
- Safety feature

Description

Myson's Cylinder Thermostat is used for monitoring and controlling the temperature of the hot water stored within the hot water cylinder. When used with a thermostatic control for the heating circuit it will give boiler interlock providing a safety feature. It can also be used as a pipe thermostat in conjunction with a frost thermostat to ensure a boiler does not run uncontrolled during cold weather. It is designed to compliment the MRT1 room thermostat.

Area of Application

The Cylinder Thermostat is ideal for monitoring and controlling the temperature of hot water within hot water cylinders. It offers an operating range from 10 to 90°C, a maximum mounting temperature of 100°C, and a switching differential of 5 to 10°C. Suitable for use with thermostatic control for heating circuits, it can also function as a pipe thermostat with frost protection.

Selection Criteria

For product selection criteria and calculation methods, please use our design service. For a quick selection guide, use our brochure.

Basic User Instructions

Install the Cylinder Thermostat directly onto the hot water cylinder or pipe where temperature control is needed. Ensure the mounting temperature does not exceed 100°C. Connect wires to large terminal screws for easy wiring. Adjust the temperature setting between 10°C and 90°C. Regularly check functionality to ensure proper operation and safety.

Prescription text specifiers

The Cylinder Thermostat is utilized for monitoring and controlling the temperature within hot water cylinders. Its specifications include an operating range of 10 to 90°C, and a maximum mounting temperature of 100°C. The thermostat features a switching differential of 5 to 10°C and integrates large terminal screws for straightforward wiring. Incorporating safety measures, it offers a boiler interlock feature when used with thermostatic heating controls and can also function as a pipe thermostat with frost protection to prevent uncontrolled boiler operations during cold conditions. This versatile device is designed to complement the UNISENZA dial thermostat and includes a 2-year guarantee against manufacturing defects. The IP20 rating ensures suitability for indoor use.

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
Connection		3-wire
With receiver		No
Measuring range min	Degrees celsius (°C)	10 - 90
External sensor		No
Thermal feedback		None
Control characteristic		Other
Suitable for heating		Yes
Suitable for heating		Yes
Number of heater outputs		1
Suitable for cooling		No
Differential value min	Kelvin (K)	278.15 - 283.15
Adjustable differential		No
Temperature readable		No
With sound indicator		No
Sensor/feeler type		Other
Mounting method		Surface mounted
With display		No
Operation		Turn
Concealed operation		No
With tap water circuit		No
Contact type		Normally open contact (NO)
Max. contact voltage	Volt (V)	230
Degree of protection (IP)		IP20
Explosion-proof		No
Colour		White
RAL-number		9016
Height	Millimetre (mm)	120
Width	Millimetre (mm)	40
Depth	Millimetre (mm)	55
Standby power consumption (solstandby)Watt (W)		1
Compatible with Apple HomeKit		No
Compatible with Google Assistant		No
Compatible with Amazon Alexa		No
IFTTT support available		No

Feature	Unit	Value
Item weight	Kilogram (kg)	0.27857

Resources

Document Description	Document Type	Link
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Items

Local Code	Global Item Code	Item Description
MCT1	FFUK10000DAZ06UK3	Cylinder Thermostat