

# Product Data Sheet

9/2/2024

Underfloor Heating Systems

## Electric Underfloor

UK - Myson



- One-box solution
- Ideal for self-builds
- Suitable for limited space
- Easy to install
- Flexible flooring options

## Description

Myson Electric Underfloor is a single box underfloor heating solution. It contains an electric mat, digital clock thermostat, control card, floor sensor, sensor tube, multimeter and installation manual.

Electric heating has grown in popularity rapidly in recent years, offering benefits that cannot be provided by conventional heating. Myson electric underfloor heating is a great alternative for small areas where hydronic underfloor heating is not suitable, for example, kitchens, bathrooms, and conservatories. It is ideal for self-builds, renovations and extensions, and is extremely easy to install without the need for specialist tools, skills or groundwork. It comes in a range of sizes from, 1sqm -10sqm, and can be installed under tile, stone or wood\* flooring.

\*check with manufacturer

## Area of Application

Myson Electric Underfloor Heating is ideal for small areas where hydronic underfloor heating is impractical, such as kitchens, bathrooms, and conservatories. Suitable for self-builds, renovations, and extensions, it can be installed under tile, stone, or wood floors up to 20m<sup>2</sup>.

## Selection Criteria

For selecting or calculating the thermal heat power output please use our design service. For quick selection use our brochure.

## Basic User Instructions

The system is straightforward to install and comes with an installation manual. It includes an electric mat, digital clock thermostat, control card, floor sensor, sensor tube, and multimeter. Ensure to follow the manufacturer's guidelines for floor type suitability. Always use the provided multimeter to check for continuity and insulation resistance before and after installation. Do not cut or twist the heating mat.

## Prescription text specifiers

Myson Electric Underfloor Heating is a comprehensive one-box solution designed for easy installation in small, hard-to-heat areas like kitchens, bathrooms, and conservatories. Ideal for renovations, self-builds, and extensions, this system includes an electric mat, digital clock thermostat, control card, floor sensor, sensor tube, multimeter, and installation manual. Rated at 150W/m<sup>2</sup>, it offers quick heat-up times and is suitable for tile, stone, or wood flooring. The product carries a CE mark, conforms to ISO 9001:2015 standards, and includes a 10-year guarantee for the mat and a 2-year guarantee for the thermostat and sensor. Produced under the Low Voltage Directive 2014/35/EU, it offers safe, efficient, and flexible heating options.

## 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		EC000405 - Electric surface heating
Model		Heating cable
With support mat		Yes
Self-adhesive		No
Connection voltage min	Volt (V)	195 - 253
Connected load min	Watt (W)	126.75 - 1649.56
Power	Watt per square metre (W/m <sup>2</sup> )	150
Resistance	Ohm (Ohm)	35, 39, 44, 50, 59, 70, 78, 88, 100, 117, 141, 176, 235, 353
Suitable for damp space		Yes
Suitable as outdoor surface heating		No
Suitable as roof surface heating		No
Surface	Square metre (m <sup>2</sup> )	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 9, 10
Length	Millimetre (mm)	600
Width	Millimetre (mm)	500
Thickness	Millimetre (mm)	4
With controller		Yes
With room temperature controller		Yes
With floor temperature sensor		Yes
Item height	Millimetre (mm)	220, 265
Item weight	Kilogram (kg)	1.7, 1.9, 2.4, 2.7, 3.1, 3.4, 3.6, 3.8, 4.6, 5.6, 6.1, 6.6, 7.4, 8.4

# Resources

Document Description	Document Type	Link
Myson Electric Underfloor Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_460f25a7-8173-4a78-b349-b46502ee7c80">https://asset.productmarketingcloud.com/api/assetstorage/3577_460f25a7-8173-4a78-b349-b46502ee7c80</a>
Myson Floortec Premium Underfloor Heating Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_c2f27eb0-a115-4698-910c-e992a7d7a2d0">https://asset.productmarketingcloud.com/api/assetstorage/3577_c2f27eb0-a115-4698-910c-e992a7d7a2d0</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>
Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_19ad1120-20a3-489b-b536-3a7c36b17752">https://asset.productmarketingcloud.com/api/assetstorage/3577_19ad1120-20a3-489b-b536-3a7c36b17752</a>

# Items

Local Code	Global Item Code	Item Description
UF1M	FB0MS3S1500150U0	Electric Underfloor 1 Sqm
UF1.5M	FB0MS3S1500225U0	Electric Underfloor 1.5 Sqm
UF2M	FB0MS3S1500300U0	Electric Underfloor 2 Sqm
UF2.5M	FB0MS3S1500375U0	Electric Underfloor 2.5 Sqm
UF3M	FB0MS3S1500450U0	Electric Underfloor 3 Sqm
UF3.5M	FB0MS3S1500525U0	Electric Underfloor 3.5 Sqm
UF4M	FB0MS3S1500600U0	Electric Underfloor 4 Sqm
UF4.5M	FB0MS3S1500675U0	Electric Underfloor 4.5 Sqm
UF5M	FB0MS3S1500750U0	Electric Underfloor 5 Sqm
UF6M	FB0MS3S1500900U0	Electric Underfloor 6 Sqm
UF7M	FB0MS3S1501050U0	Electric Underfloor 7 Sqm
UF8M	FB0MS3S1501200U0	Electric Underfloor 8 Sqm
UF9M	FB0MS3S1501350U0	Electric Underfloor 9 Sqm
UF10M	FB0MS3S1501500U0	Electric Underfloor 10 Sqm