

Product Data Sheet

12/18/2024

Underfloor Heating Systems

Cliprail System

UK - Myson



- **Versatile Installation**
- **Dual Functionality**
- **Space-Saving**
- **High Efficiency**
- **Easy Integration**

Description

Cliprail consists of a robust, u-shaped channel, 1m in length, with fixing positions every 50mm. This is a fast and cost effective method of installing underfloor heating. Suitable for both traditional and liquid screeds. The pipe is installed in a serpentine laying pattern.

Area of Application

Railjet System is ideal for wall and ceiling heating and cooling applications. Suitable for use in residential, commercial, and historical buildings with solid surface walls or ceilings. Optimal applications include situations where floor heating is not possible, like valuable floor finishes. Compatible with various substrates: concrete, sprayed PUR, insulation panels.

Selection Criteria

Consult our design service or refer to our brochure for quick selection advice specifically tailored to your project needs.

Basic User Instructions

Railjet System installation involves mounting the multi-layered Purmo PE-RT/Al/PE-RT pipes using plastic clips that snap together. The pipes are laid in a serpentine pattern, usually horizontally, with supply from below for optimal air venting. Cover the installation with 3 cm of plaster embedded with reinforcing fabric. Ensure proper wall or ceiling height (2.2 to 2.5m) for efficient operation. Use thermal insulation externally for external walls. Connect to a manifold with flow indicators and regulatory valves, optional thermal actuators.

Prescription text specifiers

The Railjet System is a versatile heating and cooling system suitable for wall and ceiling installations. It comprises Purmo PE-RT/Al/PE-RT 14x2 mm multilayer pipes, mounted using plastic clips. Ideal for concrete, sprayed PUR, or insulation panels, it is designed for both residential and historical buildings where floor heating is not feasible. The system operates efficiently with a 3 cm plaster layer, providing both heating and cooling functions. Installation should consider wall heights of 2.2-2.5 m to ensure optimal performance. Systems are connected to a manifold with flow indicators, regulatory valves, and optional thermal actuators. External walls should have thermal insulation when using wall-mounted heating.

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
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Resources

Document Description	Document Type	Link
Range brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_3e6c4df2-7006-4133-88db-1026c6c421d2

Items

Local Code	Global Item Code	Item Description
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