

# Product Data Sheet

9/2/2024

Electric Radiators

## Rio Plan PLUS

UK - Myson



- Sleek and stylish
- Superb temperature control
- Easy to monitor & adjust energy usage
- Possible to control via mobile App
- Highly efficient

## Description

The Myson Rio Plan Plus electric radiator has a stylish, sleek flat front panel, and offers a contemporary look to any room. Rio Plan Plus is fully programmable, with several operating modes including; open window function, frost protection, and an adjustable surface temperature which creates a comfortable, radiant warmth. Available only as double panel extra, in heights 300mm and 500mm.

Updated controls turn Myson Rio Plan Plus into smart electric radiators. Via WiFi, users can control exactly when their heating is active and ensure that the heating is never left running by accident. Rio Plan Plus radiators can be regulated via a user-friendly app, and when a home automation system is installed, they can even be voice controlled. An app allows for a digital visualisation of the radiators' energy consumption so that it's easy to monitor and adjust the energy usage whenever and wherever needed.

## Area of Application

The Myson Rio Plan Plus is ideal for residential and commercial installations, particularly in applications where centralized heating is not feasible. It is well-suited for stand-alone spaces like extensions or outbuildings and can integrate seamlessly with smart home systems. The oil-filled design ensures efficient heat retention, while the programmable digital thermostat allows for precise temperature control, frost protection, and open window detection.

## Selection Criteria

Use a heat loss calculator to determine which Rio Plan Plus Radiator gives you the optimal indoor climate comfort. For precise selection, consult our brochure or design service.

## Basic User Instructions

Rio Plan Plus radiators include wall brackets for easy installation. Ensure the device is not placed in damp locations such as bathrooms or near water sources. The radiator should be connected to a power supply using a switched fused spur with 3mm separation on all poles. Download the Unisenza Plus app for IOS or Google Play to remotely control the heating settings. It is essential to switch off and unplug the radiator if it is removed from the wall brackets.

## Prescription text specifiers

The Myson Rio Plan Plus is an oil-filled electric radiator with a flat front panel and digital thermostat, ideal for both residential and commercial use. It features a fully programmable digital display, wall brackets, smart home compatibility with the Unisenza Plus app, and various energy-efficient modes like open window detection and frost protection. Available in heights of 300mm and 500mm with different length options, it ensures efficient heat retention and precise temperature control. Suitable for use in extensions, outbuildings, and with centralized control systems like TOUCH 4. It must be installed according to national standards, avoiding damp locations, and should be connected using a switched fused spur with 3mm separation on all poles.

## 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		EC000593 - Radiator (electric)
Model		Low (30-50 cm)
Mounting method		Wall model
Mounting direction		Horizontal
Material front		Steel
Material heating element		Steel
Oil-/fluid-filled		Yes
With decorative finish		Yes
Heating capacity	Watt (W)	500, 750, 1000, 1250, 1500, 2000
Supply voltage min	Volt (V)	230, 230 - 230
Frequency supply voltage min	Hertz (Hz)	50, 50 - 50
Electrical connection		Connection cable with plug
Connection cable length	Metre (m)	1.25
Length connection cord	Metre (m)	1.25
Position control panel		Side
Suitable for wireless remote control		Yes
With remote control		Yes
Power control		Electronic
Air exhaust		Top
Colour		White
RAL-number		9016
Width	Millimetre (mm)	400, 500, 650, 800, 950, 1000, 1250, 1300, 1600, 2000
Height	Millimetre (mm)	300, 500
Depth	Millimetre (mm)	104
Weight	Kilogram (kg)	13.25, 16.25, 18.92, 19.07, 23.03, 24.2, 27.93, 29.8, 34.96, 35.57, 43.59, 43.82
Degree of protection (IP)		IP44
Protection class		I
With overheating protection		Yes
Frost protection circuit		Yes
Digital indication		Yes
With presence indicator		No
With time switch clock		Yes
Programmable		Yes
Adaptive (self-learning)		Yes
Consumption indication		No
Open window detection		Yes

<b>Feature</b>	<b>Unit</b>	<b>Value</b>
Compatible with Apple HomeKit		No
Compatible with Google Assistant		Yes
Operation by app		Yes
Compatible with Amazon Alexa		Yes
IFTTT support available		No

# Resources

Document Description	Document Type	Link
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>
Rio Plus brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_e56bbd03-bf1e-4fc3-879d-d50b037bd9bc">https://asset.productmarketingcloud.com/api/assetstorage/3577_e56bbd03-bf1e-4fc3-879d-d50b037bd9bc</a>
Flyer	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_e3bf4237-cca2-44f2-a430-30fc4b93bb07">https://asset.productmarketingcloud.com/api/assetstorage/3577_e3bf4237-cca2-44f2-a430-30fc4b93bb07</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>
Dimensional drawing	Dimensional Drawing	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_8e686f9b-795d-40c0-a236-8762d0d0017d">https://asset.productmarketingcloud.com/api/assetstorage/3577_8e686f9b-795d-40c0-a236-8762d0d0017d</a>
Rio Compact Plus Data Sheet	Technical Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_0b218328-e841-4770-bbf0-64a9f9d7406b">https://asset.productmarketingcloud.com/api/assetstorage/3577_0b218328-e841-4770-bbf0-64a9f9d7406b</a>
Unisenza Plus Gateway Datasheet	Technical Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_f23d8b11-20bd-41a7-a963-5364eff5b476">https://asset.productmarketingcloud.com/api/assetstorage/3577_f23d8b11-20bd-41a7-a963-5364eff5b476</a>

# Items

Local Code	Global Item Code	Item Description
RIOP30DX50Z	FE4210300501A7N0	300h x 500w - Rio Plan
RIOP30DX80Z	FE4210300801A7N0	300h x 800w - Rio Plan
RIOP30DX100Z	FE4210301001A7N0	300h x 1000w - Rio Plan
RIOP30DX130Z	FE4210301301A7N0	300h x 1300w - Rio Plan
RIOP30DX160Z	FE4210301601A7N0	300h x 1600w - Rio Plan
RIOP30DX200Z	FE4210302001A7N0	300h x 2000w - Rio Plan
RIOP50DX40Z	FE4210500401A7N0	500h x 400w - Rio Plan
RIOP50DX50Z	FE4210500501A7N0	500h x 500w - Rio Plan
RIOP50DX65Z	FE4210500651A7N0	500h x 650w - Rio Plan
RIOP50DX80Z	FE4210500801A7N0	500h x 800w - Rio Plan
RIOP50DX95Z	FE4210500951A7N0	500h x 950w - Rio Plan
RIOP50DX125Z	FE4210501251A7N0	500h x 1250w - Rio Plan