

# Product Data Sheet

10/1/2024

## 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

Myson Rio Plan Plus combines contemporary aesthetics with advanced functionality. The sleek flat front panel design enhances room decor, while the fully programmable digital thermostat offers various operating modes, including open window detection and frost protection. Easily controlled via a mobile app, this radiator ensures efficient energy usage and customizable heating schedules. Built in different sizes, the Rio Plan Plus can cater to varied heating requirements, making it a versatile solution for both residential and commercial applications.

## 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), EC001099 - System interface/media gateway for bus system, EC011309 - Room clock thermostat
Mounting method		Surface mounted, Wall model
Protection class		I
Colour		White
Width	Millimetre (mm)	1000, 1250, 1300, 1600, 2000, 400, 500, 650, 800, 950
Model		Low (30-50 cm), Multiple interface
Height	Millimetre (mm)	300, 500
Depth	Millimetre (mm)	104
RAL-number		9016
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
With time switch clock		Yes
Heating capacity	Watt (W)	1000, 1250, 1500, 2000, 500, 750
With remote control		Yes
With overheating protection		Yes
Frost protection circuit		Yes
Power control		Electronic
Programmable		Yes
Digital indication		Yes
Material heating element		Steel
With presence indicator		No
Connection cable length	Metre (m)	1.25
Electrical connection		Connection cable with plug
Mounting direction		Horizontal
Supply voltage	Volt (V)	230
Frequency supply voltage	Hertz (Hz)	50
Length connection cord	Metre (m)	1.25
Adaptive (self-learning)		Yes
Degree of protection (IP)		IP30, IP44
With decorative finish		Yes
Position control panel		Side
IFTTT support available		No
Operation by app		Yes
Oil-/fluid-filled		Yes

Feature	Unit	Value
Consumption indication		No
Open window detection		Yes
Compatible with Apple HomeKit		No
Compatible with Google Assistant		Yes
Compatible with Amazon Alexa		Yes
Material front		Steel
Suitable for wireless remote control		Yes
Air exhaust		Top
Item weight	Kilogram (kg)	0.15
Item depth	Millimetre (mm)	25
Item height	Millimetre (mm)	95
Item width	Millimetre (mm)	90
Voltage type		DC
Number of channels		1
Power consumption	Watt (W)	3
Bus system KNX		No
Bus system radio frequent		No
Bus system Powernet		No
Other bus systems		Zigbee
Bus system LON		No
Demounting protection		No
Radio interface		No
IR interface		No
Protocol		TCP/IP
Provider dependent		Yes
Updateable		Yes
Visualization		No
Web-Server		No
Operating voltage	Volt (V)	5
With LED indication		Yes
Bus system KNX-RF (Radio Frequent)		No
Radio frequent bidirectional		No
Max. number of devices per channel		100

# Resources

Document Description	Document Type	Link
Yali Parada front view		<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_557b1a03-2f2c-4f03-bc17-41512d82565f">https://asset.productmarketingcloud.com/api/assetstorage/3577_557b1a03-2f2c-4f03-bc17-41512d82565f</a>
Yali Ramo T21 side view Yali Parada T21 side view		<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_2768a8a4-4c0b-4421-b862-d89d36ee2bad">https://asset.productmarketingcloud.com/api/assetstorage/3577_2768a8a4-4c0b-4421-b862-d89d36ee2bad</a>
	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>
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>
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>
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>

# Items

Global Item Code	Item Description
FDK-TOUCH4	4 Zone Touch Programmer
FDZ5GTUBA1000013	Unisenza Plus Gateway
FE4210300501A7N0	300h x 500w - Rio Plan
FE4210300801A7N0	300h x 800w - Rio Plan
FE4210301001A7N0	300h x 1000w - Rio Plan
FE4210301301A7N0	300h x 1300w - Rio Plan
FE4210301601A7N0	300h x 1600w - Rio Plan
FE4210302001A7N0	300h x 2000w - Rio Plan
FE4210500401A7N0	500h x 400w - Rio Plan
FE4210500501A7N0	500h x 500w - Rio Plan
FE4210500651A7N0	500h x 650w - Rio Plan
FE4210500801A7N0	500h x 800w - Rio Plan
FE4210500951A7N0	500h x 950w - Rio Plan
FE4210501251A7N0	500h x 1250w - Rio Plan