

# Product Data Sheet

9/1/2024

Panel Radiators

## Premier Metric

UK - Myson



- Stylish design
- Extra safety
- Maximum flexibility
- High heat output
- Numerous sizes available

## Description

Myson Premier Metric is renowned for its round top, providing extra safety while adding a unique style and aesthetic appeal. Available in 168 different sizes, this radiator comes in single convector, double panel extra, and double convector types. Suitable for low-temperature systems and offers impressive heat output, making it perfect for any project.

## Area of Application

The Premier Metric radiator is suitable for both domestic and commercial heating applications. These include traditional and modern room designs. With three types (single convector, double panel extra, double convector) and different height options (300mm to 700mm), it offers flexibility as well as impressive heat outputs with 4-tap connections and high safety standards.

## Selection Criteria

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

## Basic User Instructions

Ensure the radiator is installed by a professional. It is best for use on 2-pipe pumped indirect systems. With 4 x ½" BSP connections, it's suitable for maximum working temperatures of 100°C. This radiator has been tested to a pressure of 7 bar and can withstand a working pressure of 5.4 bar. All air vents and plug packs come included in the packaging.

## Prescription text specifiers

The Premier Metric from Myson is designed for both domestic and commercial heating applications. Manufactured to the highest standards, it's available in 168 sizes and three types: single convector, double panel extra, and double convector. Nominal height options range from 300mm to 700mm, with lengths from 400mm to 3000mm. All sizes feature 4 x ½" BSP connections. The radiator includes a 10-year warranty from purchase, tested to BS EN 442 standards. Maximum operating pressure 5.4 bar, tested at 7 bar, and operating temperature up to 100°C. Integral air vent and plug packs are included. Employed under two-pipe pumped indirect systems, it offers superior heat output with additional safety due to its round top design.

## 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		EC011022 - Panel radiator
Material		Steel
Type		11, 21, 22
Surface structure front side panel		Profiled
Water-bearing front panel		Yes
Height	Millimetre (mm)	300, 450, 600, 700
Length	Millimetre (mm)	300, 400, 500, 600, 700 ... 2200, 2400, 2600, 2800, 3000
Depth	Millimetre (mm)	50, 81, 106
Heat emission according to EN 442 20 °C Watt (W) - 55/45		104, 150, 156, 158, 190 ... 2564, 2696, 2749, 2905, 3113
Heat emission according to EN 442 20 °C Watt (W) - 75/65		199, 288, 304, 305, 364 ... 5044, 5304, 5407, 5714, 6125
Heat emission according to EN 442 20 °C Watt (W) - 70/40		116, 168, 175, 177, 212 ... 2879, 3027, 3086, 3261, 3496
N-exponent		1.2692, 1.2751, 1.2757, 1.2825, 1.2912, 1.2913, 1.3057, 1.3079, 1.3096, 1.3098, 1.3145, 1.3243, 1.3246
Heat emission according to EN 442 laboratory		Yes
Max. operating pressure	Bar (bar)	5.4
Water content	Litre (l)	1, 2, 3, 4, 5 ... 24, 25, 26, 28, 30
Standard colour		Yes
Colour		White
RAL-number		9016
Degree of gloss		Glossy
Welded-on strips		Yes
With side lining		No
With top cladding		No
Collapsible		No
Number of standard connections		4
Connection 2, left side low		Inlet/outlet flow
Connection 3, left side top		Inlet flow
Connection 6, right side top		Inlet flow
Connection 7, right side low		Inlet/outlet flow
Thread size (inch)		1/2 inch
Thread connection		Internal thread
Suitable for damp space		No

Feature	Unit	Value
With single-point connection		No
With de-aeration connection		Yes
With de-aerator		Yes
With drain possibility (connection)		Yes
With drain valve		No
With integrated thermostatic valve		No
With wall brackets		Yes
Suitable for electrical element		No
With electrical element		No
With blind stops		Yes
With mounting material		Yes
With towel holder		No
Recessed towel holder		No
Watt Per Meter	Watt per metre (W/m)	515, 742, 785, 949, 1001, 1077, 1092, 1389, 1405, 1583, 1780, 2016
Mounting direction		Horizontal
Factor K		1.388, 1.829, 1.964, 2.068, 2.355 ... 28.368, 29.795, 30.41, 32.098, 34.407
Heat emission according to EN 442 20 °C – 55/45 [Btu/h]		356, 512, 534, 540, 647 ... 8750, 9199, 9379, 9911, 10623
Max. operating temperature	Degrees celsius (°C)	100
Number of wall brackets		2, 3
Heat emission according to EN 442 20 °C – 75/65 [Btu/h]		680, 982, 1037, 1042, 1241 ... 17212, 18096, 18448, 19497, 20897
Item weight	Kilogram (kg)	3.58, 5.1, 6.02, 6.065, 6.52 ... 92.02, 92.65, 98.61, 100.38, 115.84

# 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>
Myson Premier Metric Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_1c558c2a-361e-42a5-81c5-28bf4f2dc951">https://asset.productmarketingcloud.com/api/assetstorage/3577_1c558c2a-361e-42a5-81c5-28bf4f2dc951</a>
Premier Metric technical brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_896b1031-55b8-47b2-be13-20117da6345f">https://asset.productmarketingcloud.com/api/assetstorage/3577_896b1031-55b8-47b2-be13-20117da6345f</a>
Myson Panel Radiators - range brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_67e51605-6ae8-4d51-a3cb-cc4625f0758f">https://asset.productmarketingcloud.com/api/assetstorage/3577_67e51605-6ae8-4d51-a3cb-cc4625f0758f</a>
Premier Metric Connection Options	Installation Instructions	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_8b8f0398-5d18-4c8a-9495-81bbd2e7a247">https://asset.productmarketingcloud.com/api/assetstorage/3577_8b8f0398-5d18-4c8a-9495-81bbd2e7a247</a>

# Items

Local Code	Global Item Code	Item Description
4PM30SC40	F1Z1103004000000	Type 11 300h x 400w - Premier Metric
4PM30SC80	F1Z1103008000000	Type 11 300h x 800w - Premier Metric
4PM30SC120	F1Z1103012000000	Type 11 300h x 1200w - Premier Metric
4PM30SC160	F1Z1103016000000	Type 11 300h x 1600w - Premier Metric
4PM30SC200	F1Z1103020000000	Type 11 300h x 2000w - Premier Metric
4PM30SC240	F1Z1103024000000	Type 11 300h x 2400w - Premier Metric
4PM30SC300	F1Z1103030000000	Type 11 300h x 3000w - Premier Metric
4PM45SC40	F1Z1104504000000	Type 11 450h x 400w - Premier Metric
4PM45SC50	F1Z1104505000000	Type 11 450h x 500w - Premier Metric
4PM45SC60	F1Z1104506000000	Type 11 450h x 600w - Premier Metric
4PM45SC70	F1Z1104507000000	Type 11 450h x 700w - Premier Metric
4PM45SC80	F1Z1104508000000	Type 11 450h x 800w - Premier Metric
4PM45SC90	F1Z1104509000000	Type 11 450h x 900w - Premier Metric
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4PM45SC110	F1Z1104511000000	Type 11 450h x 1100w - Premier Metric
4PM45SC120	F1Z1104512000000	Type 11 450h x 1200w - Premier Metric
4PM45SC140	F1Z1104514000000	Type 11 450h x 1400w - Premier Metric
4PM45SC160	F1Z1104516000000	Type 11 450h x 1600w - Premier Metric
4PM45SC180	F1Z1104518000000	Type 11 450h x 1800w - Premier Metric
4PM45SC200	F1Z1104520000000	Type 11 450h x 2000w - Premier Metric
4PM45SC220	F1Z1104522000000	Type 11 450h x 2200w - Premier Metric
4PM45SC240	F1Z1104524000000	Type 11 450h x 2400w - Premier Metric
4PM45SC260	F1Z1104526000000	Type 11 450h x 2600w - Premier Metric

Local Code	Global Item Code	Item Description
4PM45SC280	F1Z1104528000000	Type 11 450h x 2800w - Premier Metric
4PM45SC300	F1Z1104530000000	Type 11 450h x 3000w - Premier Metric
4PM60SC40	F1Z1106004000000	Type 11 600h x 400w - Premier Metric
4PM60SC50	F1Z1106005000000	Type 11 600h x 500w - Premier Metric
4PM60SC60	F1Z1106006000000	Type 11 600h x 600w - Premier Metric
4PM60SC70	F1Z1106007000000	Type 11 600h x 700w - Premier Metric
4PM60SC80	F1Z1106008000000	Type 11 600h x 800w - Premier Metric
4PM60SC90	F1Z1106009000000	Type 11 600h x 900w - Premier Metric
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4PM60SC280	F1Z1106028000000	Type 11 600h x 2800w - Premier Metric
4PM60SC300	F1Z1106030000000	Type 11 600h x 3000w - Premier Metric
4PM70SC30	F1Z1107003000000	Type 11 700h x 300w - Premier Metric
4PM70SC40	F1Z1107004000000	Type 11 700h x 400w - Premier Metric
4PM70SC50	F1Z1107005000000	Type 11 700h x 500w - Premier Metric
4PM70SC60	F1Z1107006000000	Type 11 700h x 600w - Premier Metric
4PM70SC70	F1Z1107007000000	Type 11 700h x 700w - Premier Metric
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4PM70SC260	F1Z1107026000000	Type 11 700h x 2600w - Premier Metric
4PM70SC280	F1Z1107028000000	Type 11 700h x 2800w - Premier Metric
4PM70SC300	F1Z1107030000000	Type 11 700h x 3000w - Premier Metric
4PM30DPX40	F1Z2103004000000	Type 21 300h x 400w - Premier Metric
4PM30DPX80	F1Z2103008000000	Type 21 300h x 800w - Premier Metric

Local Code	Global Item Code	Item Description
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4PM30DPX160	F1Z2103016000000	Type 21 300h x 1600w - Premier Metric
4PM30DPX200	F1Z2103020000000	Type 21 300h x 2000w - Premier Metric
4PM45DPX40	F1Z2104504000000	Type 21 450h x 400w - Premier Metric
4PM45DPX50	F1Z2104505000000	Type 21 450h x 500w - Premier Metric
4PM45DPX60	F1Z2104506000000	Type 21 450h x 600w - Premier Metric
4PM45DPX70	F1Z2104507000000	Type 21 450h x 700w - Premier Metric
4PM45DPX80	F1Z2104508000000	Type 21 450h x 800w - Premier Metric
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4PM70DPX160	F1Z2107016000000	Type 21 700h x 1600w - Premier Metric
4PM70DPX180	F1Z2107018000000	Type 21 700h x 1800w - Premier Metric



Local Code	Global Item Code	Item Description
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4PM30DC40	F1Z2203004000000	Type 22 300h x 400w - Premier Metric
4PM30DC80	F1Z2203008000000	Type 22 300h x 800w - Premier Metric
4PM30DC120	F1Z2203012000000	Type 22 300h x 1200w - Premier Metric
4PM30DC160	F1Z2203016000000	Type 22 300h x 1600w - Premier Metric
4PM30DC200	F1Z2203020000000	Type 22 300h x 2000w - Premier Metric
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4PM45DC50	F1Z2204505000000	Type 22 450h x 500w - Premier Metric
4PM45DC60	F1Z2204506000000	Type 22 450h x 600w - Premier Metric
4PM45DC70	F1Z2204507000000	Type 22 450h x 700w - Premier Metric
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4PM45DC90	F1Z2204509000000	Type 22 450h x 900w - Premier Metric
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4PM60DC280	F1Z2206028000000	Type 22 600h x 2800w - Premier Metric
4PM60DC300	F1Z2206030000000	Type 22 600h x 3000w - Premier Metric
4PM70DC30	F1Z2207003000000	Type 22 700h x 300w - Premier Metric
4PM70DC40	F1Z2207004000000	Type 22 700h x 400w - Premier Metric
4PM70DC50	F1Z2207005000000	Type 22 700h x 500w - Premier Metric
4PM70DC60	F1Z2207006000000	Type 22 700h x 600w - Premier Metric
4PM70DC70	F1Z2207007000000	Type 22 700h x 700w - Premier Metric
4PM70DC80	F1Z2207008000000	Type 22 700h x 800w - Premier Metric
4PM70DC90	F1Z2207009000000	Type 22 700h x 900w - Premier Metric
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4PM70DC280	F1Z2207028000000	Type 22 700h x 2800w - Premier Metric
4PM70DC300	F1Z2207030000000	Type 22 700h x 3000w - Premier Metric