

Product Data Sheet

7/24/2024

Panel Radiators

Vertical

UK - Myson



- Sleek design
- High space efficiency
- High heating power
- Optional towel bar
- Variety of colours

Description

The minimalistic design of Tinos V stands out in every room, whether the living room, bedroom, kitchen or bathroom. The standard colour of Tinos V is RAL 9016 white, but other colours and finishes are available so that this vertical radiator fits perfectly in any interior. A towel rail in high-quality stainless steel is available as an accessory. The side covers are integrated with a decorative front plate in one elegant rounded casing affixed to the core radiator body. Complete with brackets including set of screws and dowels with mounting instructions, 3 brass blind plugs and air-vent.

Area of Application

Contemporary alternative to horizontal radiators, manufactured using steel. Perfect for applications where wall space is limited. Suitable for indirect domestic and commercial heating. Features sleek flat steel front plate with side panels and top grille. Comes with 6 x ½" BSP Connections.

Selection Criteria

Use a Heat Demand Calculator to determine which heat output is required from the large range of Tinos V vertical radiators.

Basic User Instructions

Ensure to install the air vent and plug packs included in the packaging. For enhanced efficiency and convenience, Thermostatic Radiator Valves can be used to control room temperature. Follow the instructions provided for a secure mounting using the brackets, screws, and dowels supplied.

Prescription text specifiers

Vertical panel radiator with slim, sleek design, featuring a flat steel plate, side panels, and top grille. Available with 6 x ½" BSP Connections. Suitable for 2 pipe pumped indirect domestic and commercial heating. Includes air vent and plug packs for easy installation. Compatible with Thermostatic Radiator Valves for temperature control. Optional towel bar available for kitchens and bathrooms. Includes mounting brackets, screws, dowels, side covers, brass blind plugs, and air-vent. Standard colour RAL 9016 white; other colours available on request.

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		10, 20, 21, 22
Surface structure front side panel		Profiled
Water-bearing front panel		Yes
Height	Millimetre (mm)	1800, 1950
Length	Millimetre (mm)	300, 450, 600, 750
Depth	Millimetre (mm)	50, 80, 105
Heat emission according to EN 442 20 °C Watt (W) - 55/45		443, 468, 477, 500, 531 ... 1261, 1266, 1345, 1476, 1567
Heat emission according to EN 442 20 °C Watt (W) - 75/65		852, 904, 919, 968, 1036 ... 2484, 2486, 2658, 2912, 3084
Heat emission according to EN 442 20 °C Watt (W) - 70/40		495, 523, 533, 559, 595 ... 1415, 1419, 1510, 1657, 1758
N-exponent		1.2787, 1.2837, 1.2877, 1.2887, 1.2905 ... 1.3252, 1.3261, 1.3288, 1.33, 1.334
Heat emission according to EN 442 laboratory		Yes
Max. operating pressure	Bar (bar)	10
Water content	Litre (l)	3.78, 4.12, 4.8, 4.85, 4.92 ... 10.45, 12.1, 12.15, 13, 13.05
Standard colour		Yes
Colour		White
RAL-number		9016
Degree of gloss		Glossy
Welded-on strips		No
With side lining		No, Yes
With top cladding		No
Collapsible		No, Yes
Number of standard connections		6
Connection 1, bottom left		Inlet flow
Connection 4, top left		Inlet/outlet flow
Connection 5, top right		Inlet/outlet flow
Connection BC, bottom center		Double connection, inlet-outlet
Thread size (inch)		1/2 inch
Thread connection		Internal thread
Suitable for damp space		No
With single-point connection		No

Feature	Unit	Value
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
Mounting direction		Vertical
Factor K		5.728, 5.844, 6.058, 6.132, 6.184 ... 13.738, 14.202, 14.392, 16.016, 17.284
Heat emission according to EN 442 20 °C – 55/45 [Btu/h]		1512, 1597, 1628, 1706, 1812 ... 4303, 4320, 4589, 5036, 5347
Max. operating temperature	Degrees celsius (°C)	110
Number of wall brackets		3
Heat emission according to EN 442 20 °C – 75/65 [Btu/h]		2907, 3084, 3136, 3303, 3535 ... 8475, 8482, 9069, 9936, 10523
Item weight	Kilogram (kg)	16.54, 17.88, 21.74, 23.54, 25.12 ... 60.35, 62.87, 67.63, 69.04, 73.68

Resources

Document Description	Document Type	Link
Vertical technical brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_c6b94eef-3ed7-466e-beb3-691daff39e03
Myson Vertical Plan & Plan Plus Vertical - Dimensional Drawing Bracket Positions & Dimensions		https://asset.productmarketingcloud.com/api/assetstorage/3577_10d3c368-8615-49bc-94d4-4dc0ed1a4a5c
Myson Vertical, Plan & Plan Plus Vertical Dimensional Drawing Brackets		https://asset.productmarketingcloud.com/api/assetstorage/3577_a8852863-4398-4971-a691-71d49d7999da
Myson Vertical - Mounting Positions & Dimensions	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_c45445d7-178e-4158-8fc9-372b2bfee25c
Vertical with MCW6 brackets, back view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_873ebbf8-ca70-4782-8b97-db6dc594eb5e
Vertical type 10, front view - without side covers	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_87bbc874-d756-4c43-9644-3415ca4e2a9c
Vertical type 10, side view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_1b2460ec-fa02-4765-851c-65c0422cdf70
Vertical, type 10, top view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_df3cfbc5-5406-4942-ae70-845acf823faa
Vertical type 20, side view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_0d1ccd4a-a96b-4384-acde-c0fad5a8e154
Vertical types 20, 21, 22, front view - with side covers	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_e72296c9-b47e-4530-a3d7-21adddff6946
Vertical, type 20, top view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_e3b47279-6076-4a38-9ccd-0e0fa1918471
Vertical type 21, side view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_ecd24da2-a53d-42d3-bc54-a6c798fcc00c
Vertical, type 21, top view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_32699572-d826-4919-b6e2-d8ab9f45eeef
Vertical type 22, side view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_cec6a86a-c968-4c46-bed9-555b92bf82a2
Vertical, type 22, top view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_08d4b280-c5bd-4ea5-bab0-7c317bfd3b68
Verticals connection options	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_cfa7b10e-dda

Document Description	Document Type	Link
Verticals connection options	Dimensional Drawing	b-45d6-a1b5-f550d890366f
New_Vertical front view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_17b7ce71-750c-4111-8e34-eb51392e4bb6
New_Vertical front view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_3573e22a-996b-4e2f-b2a8-caf83d7cd5c3
New_Vertical rear view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_b6f28388-c4bd-4a8b-aab2-6e8eafda6b9d
New_Vertical side view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_2e4910c8-f338-4f2b-a082-46ff38a7699c
New_Vertical side view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_1c945a15-9886-4cb0-b8f4-6747e9161359
New_Vertical side view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_8af6842d-8779-4f8c-a1f3-9338855ea26e
New_Vertical top view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_81627b7c-c36a-460a-9576-953fd8ce85ed
New_Vertical top view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_af911dfb-65b4-4caf-8d86-10d3265dd8ae
New_Vertical top view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_c9c71c55-6aa2-47a4-b2ca-f8c2e7795584
New_Vertical top view	Dimensional Drawing	https://asset.productmarketingcloud.com/api/assetstorage/3577_0e644703-6c4e-4fd5-b756-d876403944cb
Vertical Connection Options	Installation Instructions	https://asset.productmarketingcloud.com/api/assetstorage/3577_c0856296-aeb4-4f6b-b231-2268d3a33eaa
Myson Complete Solutions - Full Brochure	Product Catalog	https://asset.productmarketingcloud.com/api/assetstorage/3577_d5b6e110-a572-4c3c-8f07-1b46906e52b1
Myson Vertical Brochure	Product Catalog	https://asset.productmarketingcloud.com/api/assetstorage/3577_69d90b5f-bb2a-4628-bd48-2017c05e7c45

Items

Local Code	Global Item Code	Item Description
VER180SP45	FMU1018004501300	Type 10 1800h x 450w - Vertical
VER180SP60	FMU1018006001300	Type 10 1800h x 600w - Vertical
VER180SP75	FMU1018007501300	Type 10 1800h x 750w - Vertical
VER195SP45	FMU1019504501300	Type 10 1950h x 450w - Vertical

Local Code	Global Item Code	Item Description
VER195SP60	FMU1019506001300	Type 10 1950h x 600w - Vertical
VER195SP75	FMU1019507501300	Type 10 1950h x 750w - Vertical
VER180DP30	FMU2018003011300	Type 20 1800h x 300w - Vertical Compact
VER180DP45	FMU2018004511300	Type 20 1800h x 450w - Vertical Compact
VER180DP60	FMU2018006011300	Type 20 1800h x 600w - Vertical Compact
VER180DP75	FMU2018007511300	Type 20 1800h x 750w - Vertical Compact
VER195DP30	FMU2019503011300	Type 20 1950h x 300w - Vertical Compact
VER195DP45	FMU2019504511300	Type 20 1950h x 450w - Vertical Compact
VER195DP60	FMU2019506011300	Type 20 1950h x 600w - Vertical Compact
VER195DP75	FMU2019507511300	Type 20 1950h x 750w - Vertical Compact
VER180DPX30	FMU2118003011300	Type 21 1800h x 300w - Vertical Compact
VER180DPX45	FMU2118004511300	Type 21 1800h x 450w - Vertical Compact
VER180DPX60	FMU2118006011300	Type 21 1800h x 600w - Vertical Compact
VER180DPX75	FMU2118007511300	Type 21 1800h x 750w - Vertical Compact
VER195DPX30	FMU2119503011300	Type 21 1950h x 300w - Vertical Compact
VER195DPX45	FMU2119504511300	Type 21 1950h x 450w - Vertical Compact
VER195DPX60	FMU2119506011300	Type 21 1950h x 600w - Vertical Compact
VER195DPX75	FMU2119507511300	Type 21 1950h x 750w - Vertical Compact
VER180DC30	FMU2218003011300	Type 22 1800h x 300w - Vertical Compact
VER180DC45	FMU2218004511300	Type 22 1800h x 450w - Vertical Compact
VER180DC60	FMU2218006011300	Type 22 1800h x 600w - Vertical Compact
VER180DC75	FMU2218007511300	Type 22 1800h x 750w - Vertical Compact
VER195DC30	FMU2219503011300	Type 22 1950h x 300w - Vertical Compact
VER195DC45	FMU2219504511300	Type 22 1950h x 450w - Vertical Compact
VER195DC60	FMU2219506011300	Type 22 1950h x 600w - Vertical Compact
VER195DC75	FMU2219507511300	Type 22 1950h x 750w - Vertical Compact