

Product Data Sheet

9/4/2024

Panel Radiators

LST Vertical

UK - Myson



- Slimmest panel LST on the market
- Complies with NHS Estates Guidance Notes 1998
- Surface temperature remains below 43°C
- Anti-bacterial paint
- 10-year warranty

Description

Myson LST is the UK's most comprehensive and popular range of LST radiators. Myson LST Vertical is perfect for areas with limited wall space and is compliant with NHS Estates Guidance Notes 1998. It comes with anti-bacterial paint, making it ideal for hospital and care home applications. The Myson LST range is also suitable for schools, student accommodation and other social housing projects as the surface temperature remains below 43°C and comes with safety conscious round steel casing, which eliminates sharp edges and ensures pipe work is concealed. Horizontal model also available.

Area of Application

The Myson LST Vertical is ideal for hospitals, care homes, schools, student accommodation, and social housing projects. It has a surface temperature below 43°C, complies with NHS Estates Guidance Notes 1998, features safety-conscious round steel casing, and is protected with anti-bacterial paint.

Selection Criteria

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

Basic User Instructions

Ensure proper installation of the Myson LST Vertical using the correct radiator valves or thermostatic radiator valves for room temperature control. The Universal Close Coupled TRV Kit must be fitted for the vertical models. Securely mount the unit with included brackets and leave a further 5mm clearance above any final floor covering to allow for easy fitting and removal. Regularly clean the casing and maintain the anti-bacterial paint finish for optimal hygiene.

Prescription text specifiers

The Myson LST Vertical radiator is available in heights 1772mm and 2072mm and in widths 420mm, 570mm, 720mm, and 870mm. It features safety-conscious round steel casing, anti-bacterial paint, and maintains a surface temperature below 43°C. Compliant with NHS Estates Guidance Notes 1998, it is suitable for hospitals, care homes, schools, student accommodations, and social housing projects. Offered with a 10-year warranty, it ensures durability and reliability. The Universal Close Coupled TRV Kit is required for installation, and proper clearance above floor coverings must be ensured for easy fitting .

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		22
Surface structure front side panel		Flat smooth
Water-bearing front panel		No
Height	Millimetre (mm)	1772, 2072
Length	Millimetre (mm)	420, 570, 720, 870
Depth	Millimetre (mm)	157
Heat emission according to EN 442 20 °C Watt (W) - 55/45		405, 450, 608, 675, 811, 900, 1013, 1125
Heat emission according to EN 442 20 °C Watt (W) - 75/65		811, 895, 1217, 1342, 1623, 1789, 2028, 2237
Heat emission according to EN 442 20 °C Watt (W) - 70/40		456, 506, 685, 759, 913, 1012, 1141, 1266
N-exponent		1.3452, 1.3581
Heat emission according to EN 442 laboratory		Yes
Max. operating pressure	Bar (bar)	6, 8
Water content	Litre (l)	6, 9, 10, 12, 13, 15, 16
Standard colour		Yes
Colour		White
RAL-number		9016
Degree of gloss		Glossy
Welded-on strips		Yes
With side lining		Yes
With top cladding		Yes
Collapsible		No
Number of standard connections		4
Connection 2, left side low		Inlet/outlet flow
Connection 7, right side low		Inlet/outlet flow
Thread size (inch)		1/2 inch
Thread connection		Internal thread
Suitable for damp space		No
With single-point connection		No
With de-aeration connection		Yes
With de-aerator		Yes
With drain possibility (connection)		No
With drain valve		No

Feature	Unit	Value
With integrated thermostatic valve		No
With wall brackets		Yes
Suitable for electrical element		No
With electrical element		No
With blind stops		No
With mounting material		Yes
With towel holder		No
Recessed towel holder		No
Mounting direction		Vertical
Factor K		3.996, 4.638, 5.997, 6.955, 7.997, 9.272, 9.993, 11.593
Heat emission according to EN 442 20 °C – 55/45 [Btu/h]		1383, 1535, 2074, 2303, 2766, 3071, 3457, 3839
Max. operating temperature	Degrees celsius (°C)	110
Number of wall brackets		2
Heat emission according to EN 442 20 °C – 75/65 [Btu/h]		2768, 3054, 4152, 4579, 5537, 6104, 6921, 7633
Item weight	Kilogram (kg)	55.26, 61.08, 69.89, 77.14, 84.78, 90.5, 99.25, 105.87

Resources

Document Description	Document Type	Link
Myson Complete Solutions - Full Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_24872a57-c3a5-4956-ab4b-dfa3b522c19b
Myson LST Brochure	Brochure	https://asset.productmarketingcloud.com/api/assetstorage/3577_b4d3acf0-fab4-48de-b436-a225dc58e4b1
LST Vertical Installation Instructions	Installation Instructions	https://asset.productmarketingcloud.com/api/assetstorage/3577_f9836d72-0d65-4758-842a-76bf787d6e70

Items

Local Code	Global Item Code	Item Description
17LSP042	F0E2217504200100	Type 22 1772h x 420w - LST Vertical
17LSP057	F0E2217505700100	Type 22 1772h x 570w - LST Vertical
17LSP072	F0E2217507200100	Type 22 1772h x 720w - LST Vertical
17LSP087	F0E2217508700100	Type 22 1772h x 870w - LST Vertical
20LSP042	F0E2220504200100	Type 22 2072h x 420w - LST Vertical
20LSP057	F0E2220505700100	Type 22 2072h x 570w - LST Vertical
20LSP072	F0E2220507200100	Type 22 2072h x 720w - LST Vertical
20LSP087	F0E2220508700100	Type 22 2072h x 870w - LST Vertical