
















## LST RANGE (LOW SURFACE TEMPERATURE)

The MYSON LST is the UK's most comprehensive and popular range of LST radiators, with both horizontal and vertical options available. The range is compliant with NHS Estates Guidance Notes 1998 and comes with anti-bacterial paint, making it ideal for hospital and care home applications. The 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.

- The MYSON LST is available in 94 sizes
- It is available in three types, Super, Super Extra and Super Plus
- There are five different heights ranging from 572mm to 2072mm
- We offer lengths from 420mm, which is the slimmest panel LST radiator on the market today, through to 2200mm, the widest panel LST radiator

## LST (LOW SURFACE TEMPERATURE) VERTICAL

### GENERAL SPECIFICATION & TECHNICAL INFORMATION

-  **CERTIFICATION**  
Manufactured and tested to BS EN 442. Carries the BS Kitemark. Produced under a quality management system - ISO 9001:2008 and environmental management system - ISO 14001:2004.
-  **10 GUARANTEE**  
10 year guarantee from date of purchase against manufacturing defects for both the radiator and the casing.
-  **COLOUR**  
All radiators are de-greased, phosphated and primer coated. An epoxy polyester finishing coat in white (RAL 9016) is applied to all front and rear surfaces.
-  **ANTI-BACTERIAL PAINT**  
Coating to suppress bacterial growth.
-  **ACCESSORIES**  
Touch up paint available on request.
-  **SYSTEM**  
2 pipe pumped indirect domestic and commercial heating applications.
-  **CONNECTIONS**  
4 x 1/2" BSP. Please refer to control options on page 41.
-  **AIR VENTS**  
Air vent and plug packs are included in the packaging.
-  **OPERATING PRESSURES**  
Tested to a pressure of 8 bar. Working pressure of up to 6.0 bar.
-  **OPERATING TEMPERATURE**  
Surface temperature below 43°C. Water inlet temperature up to 82°C.
-  **DELIVERY**  
2 - 5 working days.
-  **VALVES**  
Please see page 228.
-  **BIM**  
Visit our website to download the BIM components [www.myson.co.uk/bim](http://www.myson.co.uk/bim)

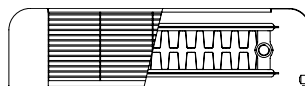
For more general information, please see page 250.

WEIGHTS & WATER CONTENTS PER RADIATOR - LST VERTICAL		
Nominal Length (mm)	Nominal Height (mm)	
	2072	
	Weight (kg)	Water Content (l)
420	61.08	6.48
570	77.14	9.72
720	90.50	12.96
870	105.87	16.20

n-COEFFICIENTS		
Type		Nominal Height (mm)
		2072
22	LSP	1.3566

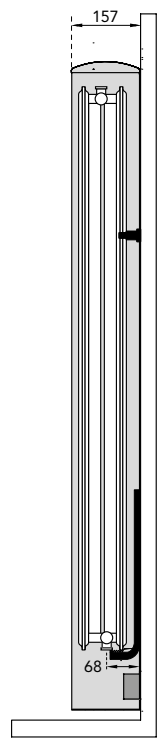
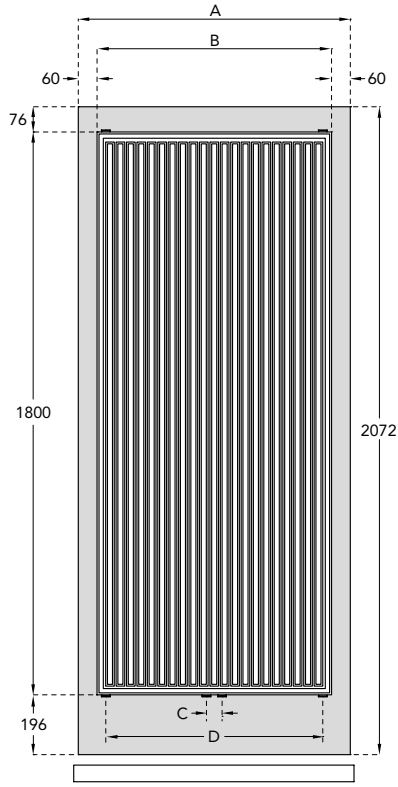
## HEAT OUTPUTS

LST VERTICAL - Nominal Depth 157mm



Nominal Height	Outer Casing Nominal Length (mm)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
		Watts	Btu/h	Watts	Btu/h	
2072mm	420	895	3054	450	1535	20 LSP 042
	570	1342	4579	675	2303	20 LSP 057
	720	1789	6104	900	3071	20 LSP 072
	870	2237	7633	1125	3839	20 LSP 087

**BRACKET POSITIONS & DIMENSIONS**



Casing Width - A	420	570	720	870
Radiator Width - B	300	450	600	750
Centre Connections - C	50	50	50	50
Left-Right Connections - D	244	394	544	694

**Important:** It is advisable to leave a further 5mm clearance above any final floor covering to allow for easy fitting and removal.

NB: All measurements are nominal.

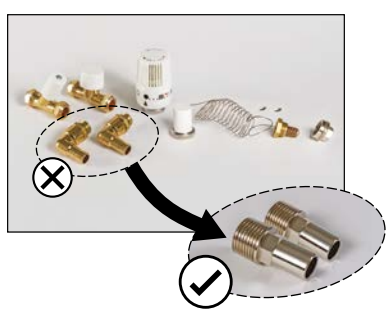
**UNIVERSAL CLOSE COUPLED TRV KIT (supplied separate)**

LST Vertical radiators can only be fitted with the Universal Close Coupled TRV Kit:

Note: Please disregard the 2 integration elbows from the Close Coupled Kit and use the straight valve tails (supplied with the Vertical LST).

Please refer to the Universal Close Coupled TRV Kit instructions for more information.

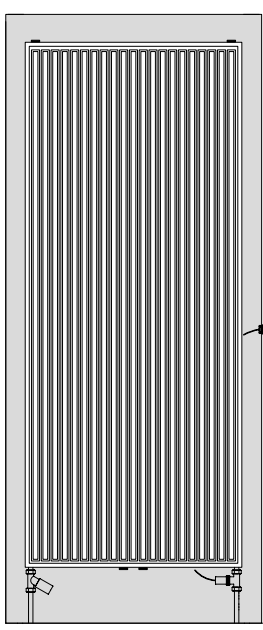
The radiator has 6 connections. Please ensure you use the plug and vents (supplied with Vertical LST) in the unused connections.



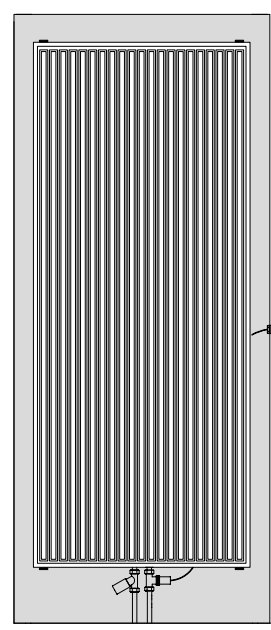
Universal Close Coupled TRV Kit comprises:

- 1 x TRV head
- 1 x TRV straight body
- 1 x LST capillary unit/actuator/sensor head adaptor
- 1 x MATCHMASTER straight lockshield valve
- 2 x Integration elbows - to be disregarded (please use the straight valve tails supplied instead)
- 2 x Locking pins

**Order Code:** UNICKCTC



Left/Right Connection\*



Centre Connection\*

\*Reversible connections - flow can be left or right in either option.