



## Description

Myson LST TRV kits are designed to maximise the effectiveness of Myson Low Surface Temperature radiators. We offer two designs, the Universal Close Coupled Kit which allows the case to be removed for cleaning without removing the TRV head, and the competitively priced Direct Fit Kit. Both kits come with our A-rated TRV and are expertly designed for precision control. The kits allow the thermal sensing head of a Myson Thermostatic Radiator Valve to be mounted directly onto the LST enclosure of a Myson Low Surface Temperature radiator. They also feature a locking facility that prevents unauthorised adjustment in public areas.

## Area of Application

LST TRV Kits are ideal for use with Myson Low Surface Temperature radiators in public areas, hospitals, schools, and other applications requiring controlled temperature, safety from tampering, and precision heating. Available with various connection options such as TBOE, TBSE, and BOE.

## Selection Criteria

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

## Basic User Instructions

Install the LST TRV kit by directly mounting the TRV head onto the LST enclosure. Ensure the temperature sensor is positioned correctly for accurate readings. Secure the locking facility to prevent unauthorized adjustments. Follow the manual for connection configurations, compatible with copper or BSP pipes.

## Prescription text specifiers

Myson LST TRV Kits offer advanced temperature control and security features for Myson Low Surface Temperature Radiators. The kits, available in Close Coupled, Universal Close Coupled, and Direct Fit designs, include A-rated TRVs for energy efficiency. They prevent unauthorized adjustments and are designed for precision control. Certifications include ISO 9001:2008, with operating pressures of 10 bar and a temperature capacity of 120°C. Suitable for TBOE, TBSE, and BOE connections, these kits ensure ease in mounting and maintenance, especially in public areas like hospitals and schools.

## 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		EC010064 - Thermostatic control head for valve, EC010136 - Radiator stop valve
Thermostatic adjustment element connection		Other
Connection to valve		M30 x 1.5
Size of thermostatic adjustment element connection		M30 x 1.5
Model		Straight
Suitable for radiator		Yes
Vandal proof		No
With anti-theft security		No
Suitable for heating		Yes
Suitable for cooling		No
Adjustment element		Wax-filled
Adjustment range min	Degrees celsius (°C)	- 8
Water temperature influence	Kelvin (K)	0.55
Hysteresis	Kelvin (K)	0.3
Blocking/limiting adjustment range		Yes
With zero (off) position		Yes
Mechanically lockable at zero (off) position		Yes
Frost protected		Yes
Response time	Second (s)	1500
Operation by Bluetooth		No
Operation by app		No
With web interface		No
Programme clock		No
Colour		White
RAL-number		9016
Adjustment aid for visually impaired people		No
Item height	Millimetre (mm)	646
Item width	Millimetre (mm)	1800, 2000, 3000, 3200
Item depth	Millimetre (mm)	11, 154
Item weight	Kilogram (kg)	0.037, 0.089, 0.887, 1.034
Differential pressure influence	Kelvin (K)	60
Housing material		Brass
Surface protection		Chromium-plated

Feature	Unit	Value
Size of radiator connection		1/2 inch (15)
Size of pipe connection		1/2 inch (15)
Thermostatic adjustment element connection		External thread
Size of thermostatic adjustment element connection		M30 x 1.5
Shape		Right-angled, Straight
With sealing ring		Yes
With straight tailpiece		Yes
With bent tailpiece		No
With compression set		Yes
Pipe diameter compression set	Millimetre (mm)	15
Can be preset		No
Presetting		None
Operation		Thermostatic without button
Suitable for single pipe system		No
Suitable for two pipe system		Yes
Thermostatically prepared		Yes
Reverse direction of flow		No
With dust cap		No
Kv value min		-
Automatic flow control		No
Throughflow capacity (min. 10 kPa) min	Litre per hour (L/h)	-
Throughflow capacity (min. 15 kPa) min	Litre per hour (L/h)	-
Shortened construction length		No
Height	Millimetre (mm)	900
Pressure independent		No

# 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 LST Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_b4d3acf0-fab4-48de-b436-a225dc58e4b1">https://asset.productmarketingcloud.com/api/assetstorage/3577_b4d3acf0-fab4-48de-b436-a225dc58e4b1</a>
Myson Valves Brochure	Brochure	<a href="https://asset.productmarketingcloud.com/api/assetstorage/3577_ef75e07a-fa70-492a-aa8a-b717c52c3ce7">https://asset.productmarketingcloud.com/api/assetstorage/3577_ef75e07a-fa70-492a-aa8a-b717c52c3ce7</a>

# Items

Local Code	Global Item Code	Item Description
LSTTRVHLB	ADCR50M3000YACUK0	LST TRV Head Locating Body
LSTCAP2	ADCS4200000YACUK4	LST Capillary Assembly - 2mtr
LSTDIRECTKITUK	FM8Q10015ACX00UK0	LST Direct Fit Kit (15mm / 1/2") UK - Not for Verticals or 420mm
LSTDIRECTKITIE	FM8Q10B15ACX00UK0	LST Direct Fit Kit (15mm / 1/2") IE - Not for Verticals or 420mm
LSTUNIKITIE	FM8Q20B15AAX00UK0	LST Universal Close Coupled Kit (15mm) IE - For use with All LST's
LSTUNIKITUK	FM8Q30015AAX00UK0	LST Universal Close Coupled Kit (15mm) UK - For use with All LST's