



## 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 |
| Adjustment range min                               | Degrees celsius (°C) | -  |
| Item width   | Millimetre (mm)      | 110, 155   |
| Item depth   | Millimetre (mm)      | 100  |
| Item weight  | Kilogram (kg)        | 0.037, 0.089, 0.871, 0.9562  |
| Housing material                                   |                      | Brass  |
| Surface protection                                 |                      | Chromium-plated  |
| 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)      | 100  |
| 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 |