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LST

INSTALLATION, OPERATING,
MAINTENANCE & AFTER SALES MANUAL

Part Number: P25M1413
01.10.23 ISSUE 1 B

Made in the UK by Purmo Group (UK) Ltd.
Please leave this manual with the end user.

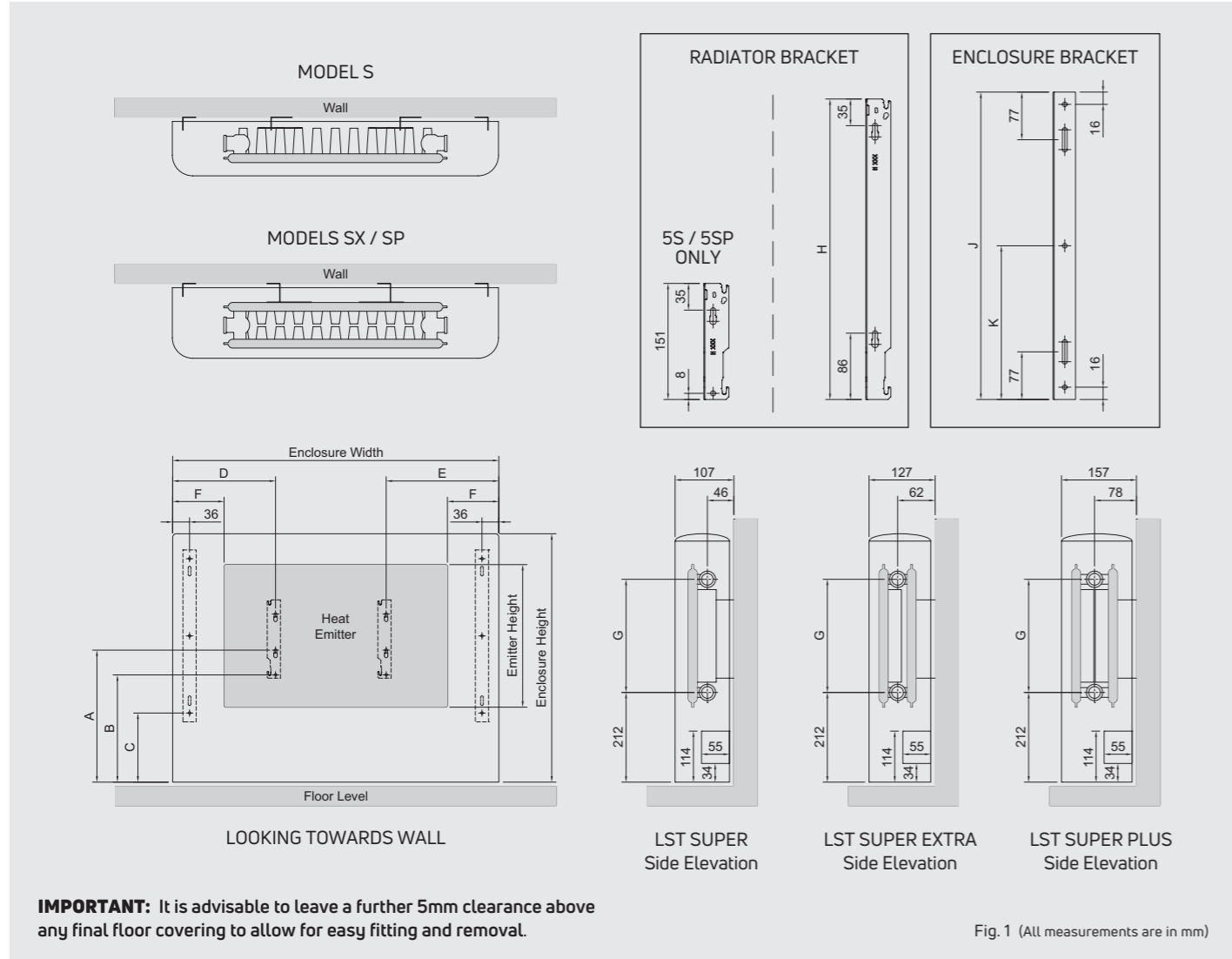
1.0 General Information

LST radiators are for use on indirect systems only. The system should be designed to follow the recommendations of BS5449 or BS6880, as appropriate, with particular care taken to avoid air entry or water discharge through an open vent. The installation work must be done

in accordance with recognised good practice and precautions taken to avoid contamination, which could lead to corrosion. If a corrosion inhibitor or other water treatment is to be used, the manufacturer's instructions must be strictly followed.

2.0 Fixing

IMPORTANT: For the correct installation of radiators it is essential that the fixing of the radiator is carried out in such a way that it is suitable for intended use AND predictable misuse. A number of elements need to be taken into consideration including the fixing method used to secure the radiator to the wall, the type and condition of the wall itself, and any additional potential forces or weights that may happen to be applied to the radiator, prior to finalising installation.



Model	Enclosure Height	Emitter Height	A	B	C	G	H	J	K
5S / 5SP	572	300	N/A	265	150	250	N/A	400	N/A
6S / 6SX / 6SP	672	400	344	N/A	250	350	241	400	N/A
8S / 8SX / 8SP	872	600	344	N/A	150	550	441	700	350
9S / 9SP	972	700	344	N/A	250	650	541	700	350
10S / 10SP	1022	750	344	N/A	300	700	591	700	350

Model	Enclosure Width (mm)					
	420			600 - 2200		
	D	E	F	D	E	F
S	155	132	60	195	172	100
SX / SP	149	171	60	189	211	100

3.0 Water Connections

● If surface mounting pipework is being used, this must be routed and mounted to run within the rectangular cut-outs provided at each end of the enclosure. To remove the cut-out, flex from side to side until the connection is broken. If pipework enters one side only, the other cut-out should be left intact.

● Carry out the plumbing connections in the usual way. Fig 1 shows the clearances between the heat emitter and the enclosure. Ensure that pipework and valves are within these limits to enable correct fitting of the enclosure.

4.0 Thermostatic Radiator Valves

LST radiators may be fitted with the following types of thermostatic radiator valves:

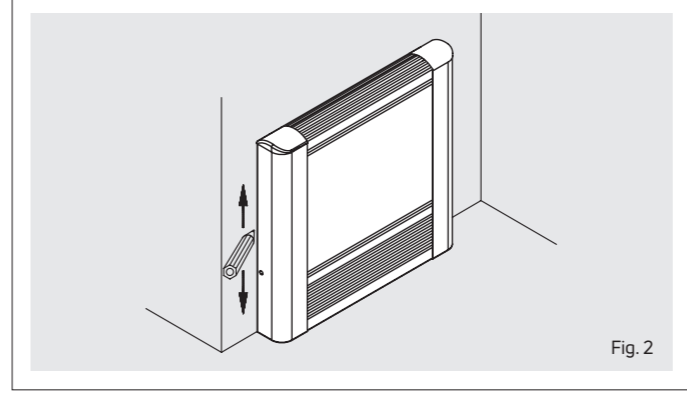
Valve Type	Order Code	Connection Options		
		TBSE	TBOE	BOE
Close coupled TRV kit	LSTCCKITUK	✓	✓	✓
Remote Adjusting TRV	REMADJHEAD2	✓	✓	✓
Remote Sensing TRV	REMSENHEAD2			✓
Direct Fit TRV Kit†	LSTDIRECTKITUK	✓	✓	

†Not available for the 420mm wide model.

6.0 Full Fitting Instructions

1. Position the LST

- Decide upon the final wall position for the LST radiator to be fitted.
- Position the LST enclosure against the wall and mark the position of each end (see fig. 2).

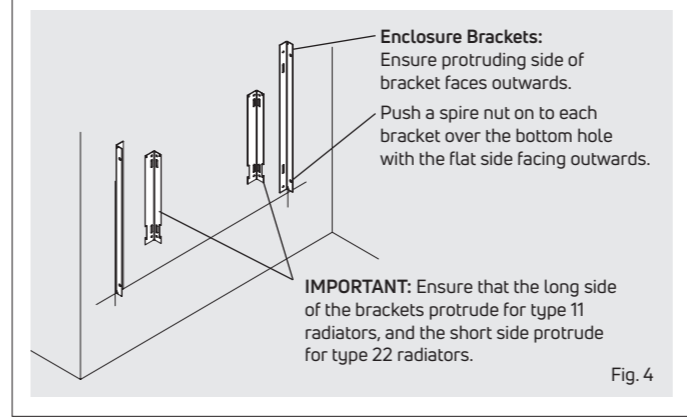


5.0 Cleaning and Maintenance - LST Enclosure

- Remove both security screws.
- Lift the LST enclosure out of the wall bracket slots and pull forward.
- To reposition the enclosure, lift the enclosure onto the brackets ensuring correct engagement with the bracket slots. Replace the security screws.
- If the unit is fitted with a Close Coupled or Remote TRV kit then excessive movement of the casing will be restricted by a safety chain.

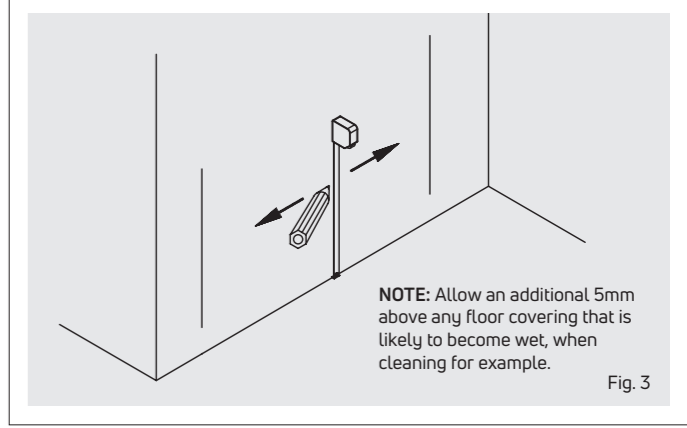
3. Fixing bracket positions - Ref fig. 1

- Plug the wall as necessary and fit the brackets to the wall using the bottom fixing points. Ensure that the brackets are 90° to the floor and mark, drill and plug the upper fixing points.
- Secure the brackets to the wall. Fit the plastic inserts to the emitter brackets and the spire nuts to the enclosure brackets (see fig. 4).



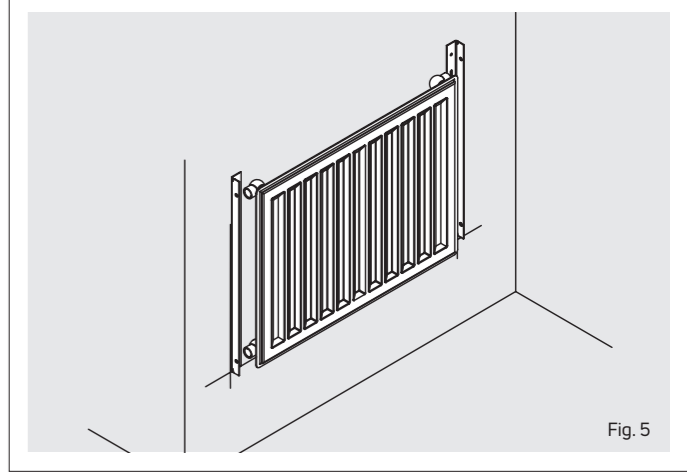
2. Distance from floor

- Measure and mark the correct distance from the floor, allowing for any floor covering (see fig. 3).



4. Fit and plumb the emitter

- Mount the heat emitter onto the wall brackets.
- Carry out the water connections as for standard radiators, ensuring that the pipework and valving will not effect the fitting of the enclosure (see fig. 5).



5. Fit the enclosure

- Fit the two self adhesive spacers to each back return of the LST enclosure below the pipework knock-outs as shown (see fig. 6).
- Fit the LST enclosure on the wall brackets. Ensure the LST enclosure is located into the mounting slots situated on top of the brackets.
- Secure the LST enclosure to the brackets via the screw holes at each end.

