

# SAFETY

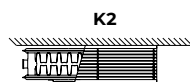
SERIES



LST i PLUS  
XTRA  
PROTECTION

## 50 $\Delta$ t

(75/65/20°C)



| Casing Height mm | Casing Length mm | Emitter Height mm | Emitter Length mm | Stelrad UIN | Heat output Watts | Heat output Btu/hr |
|------------------|------------------|-------------------|-------------------|-------------|-------------------|--------------------|
| <b>650</b>       | 650              | 450               | 400               | 146232      | 478               | 1631               |
|                  | 850              | 450               | 600               | 146233      | 717               | 2446               |
|                  | 1050             | 450               | 800               | 146234      | 956               | 3262               |
|                  | 1250             | 450               | 1000              | 146235      | 1195              | 4077               |
|                  | 1450             | 450               | 1200              | 146236      | 1434              | 4893               |
|                  | 1650             | 450               | 1400              | 146237      | 1673              | 5708               |
|                  | 1850             | 450               | 1600              | 146238      | 1912              | 6524               |
| <b>800</b>       | 2050             | 450               | 1800              | 146239      | 2151              | 7339               |
|                  | 650              | 600               | 400               | 146240      | 615               | 2098               |
|                  | 850              | 600               | 600               | 146241      | 922               | 3146               |
|                  | 1050             | 600               | 800               | 146242      | 1230              | 4197               |
|                  | 1250             | 600               | 1000              | 146243      | 1537              | 5244               |
|                  | 1450             | 600               | 1200              | 146244      | 1844              | 6292               |
|                  | 1650             | 600               | 1400              | 146245      | 2152              | 7343               |
|                  | 1850             | 600               | 1600              | 146246      | 2459              | 8390               |
| 2050             | 600              | 1800              | 146247            | 2767        | 9441              |                    |

$\Delta$ t50 is the UK's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta$ t40 or  $\Delta$ t30 output (see your installer or system designer or download from [www.stelrad.com](http://www.stelrad.com)).

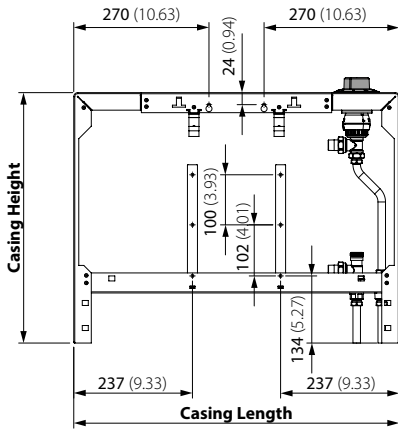
For EN442 data, technical and installation information please visit our website: [www.stelrad.com](http://www.stelrad.com) and search product downloads.

# LST i PLUS XTRA PROTECTION

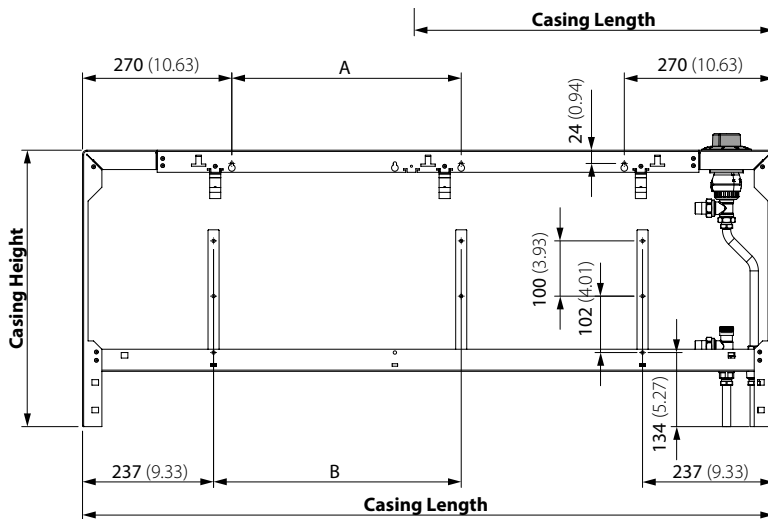


## WALL FIXINGS AND BRACKET POSITIONS

All dimensions in mm. Inches in brackets.



| Casing Length mm | Casing Height mm |
|------------------|------------------|
| 650              | 500              |
| 850              | 650              |



| Casing Length mm | A mm | B mm | Casing Height mm |
|------------------|------|------|------------------|
| 1250             | 415  | 448  | 500              |
| 1450             | 515  | 548  | 650              |
| 1650             | 615  | 648  | 800              |
| 1850             | 715  | 748  |                  |
| 2050             | 815  | 848  |                  |

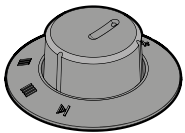
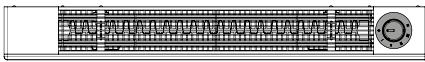
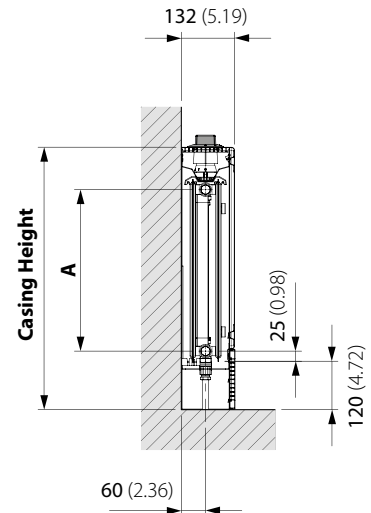
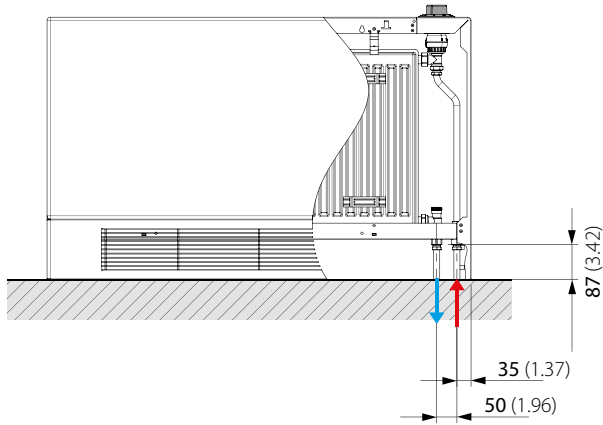
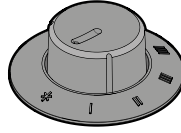
# LST i PLUS XTRA PROTECTION



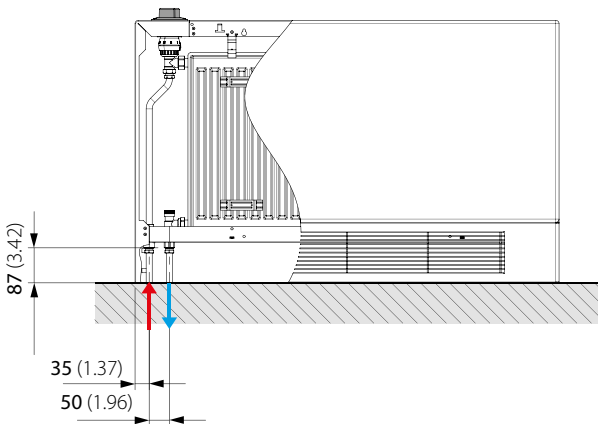
## CONNECTION OPTIONS

Each radiator comes with ½" inlet connections as standard.  
All dimensions in mm. Inches in brackets.

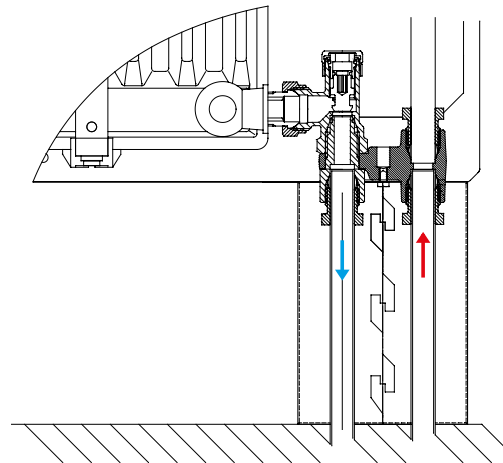
### CONTROL ON RIGHT-HAND SIDE



### CONTROL ON LEFT-HAND SIDE



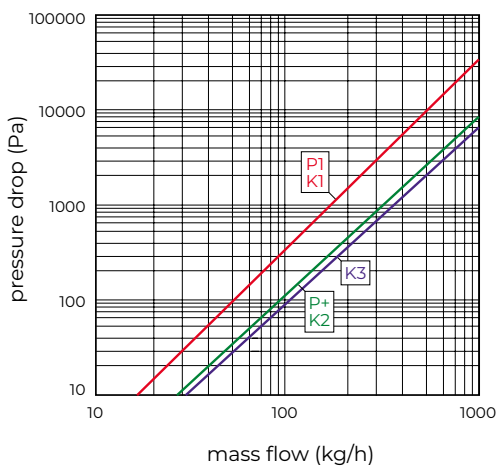
### PIPE CONFIGURATIONS



## EN 442 CERTIFICATION DATA - CETIAT TESTED IN ACCORDANCE WITH BS EN 442

| Type                                    | K2    |       |       |
|---|-------|-------|-------|
| Casing height                           | 500   | 650   | 800   |
| Emitter height                          | 300   | 450   | 600   |
| W/m at 75/65/20                         | 870   | 1195  | 1537  |
| n-coefficients                          | 1.27  | 1.30  | 1.32  |
| Heated surface area (m <sup>2</sup> /m) | 3.51  | 5.62  | 7.74  |
| Weight (kg/m)                           | 24.40 | 33.30 | 42.50 |
| Water contents (l/m)                    | 3.70  | 5.15  | 6.60  |

## PRESSURE DROPS



| Type    | Kv   |
|---------|------|
| P1 / K1 | 1.67 |
| P+ / K2 | 3.32 |
| K3      | 3.65 |

## COMPONENTS



LST i Plus Xtra Protection front case view.



LST i Plus Xtra Protection inside the casing showing the emitter.



LST i Plus Xtra Protection oblong knockout for pipe.



Optional cover cap to discourage unauthorised tampering.



An arthritic adaptor is supplied as standard for special needs environments.



Accommodated within the casing, the Stelrad LST i Plus Xtra Protection emitter, with TBSE valve arrangement and 2 x 1/2" BSP connections as standard.



Includes Danfoss RA-2000 TRV and copper pipe configuration.



The remote sensing thermostatic valve gives accuracy of operation and the limiting device is completely hidden to prevent the maximum temperature being exceeded.