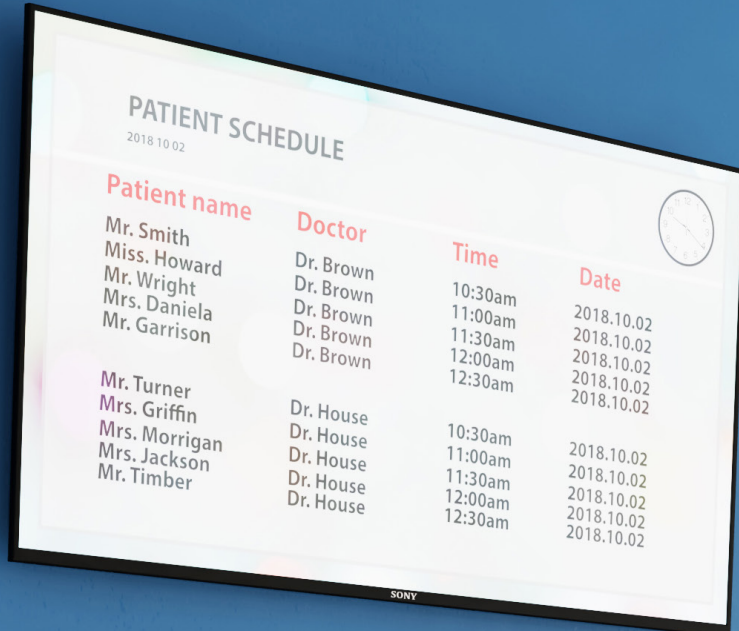


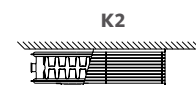
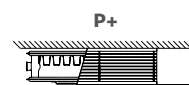
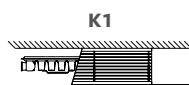


# NEW LST i PLUS DECO

Safety Series

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 | Stelrad UIN | Heat output Watts | Heat output Btu/hr | Stelrad UIN | Heat output Watts | Heat output Btu/hr |
|------------------|------------------|-------------------|-------------------|-------------|-------------------|--------------------|-------------|-------------------|--------------------|-------------|-------------------|--------------------|
| <b>500</b>       | 650              | 300               | 400               | 245200      | 196               | 669                | 245248      | 284               | 969                | 245224      | 348               | 1187               |
|                  | 850              | 300               | 600               | 245201      | 293               | 1000               | 245249      | 426               | 1454               | 245225      | 522               | 1781               |
|                  | 1050             | 300               | 800               | 245202      | 391               | 1334               | 245250      | 568               | 1938               | 245226      | 696               | 2375               |
|                  | 1250             | 300               | 1000              | 245203      | 489               | 1668               | 245251      | 710               | 2423               | 245227      | 870               | 2968               |
|                  | 1450             | 300               | 1200              | 245204      | 587               | 2003               | 245252      | 852               | 2907               | 245228      | 1044              | 3562               |
|                  | 1650             | 300               | 1400              | 245205      | 685               | 2337               | 245253      | 994               | 3392               | 245229      | 1218              | 4156               |
|                  | 1850             | 300               | 1600              | 245206      | 782               | 2668               | 245254      | 1136              | 3876               | 245230      | 1392              | 4750               |
| <b>650</b>       | 2050             | 300               | 1800              | 245207      | 880               | 3003               | 245255      | 1278              | 4361               | 245231      | 1566              | 5343               |
|                  | 650              | 450               | 400               | 245208      | 290               | 989                | 245256      | 386               | 1317               | 245232      | 478               | 1631               |
|                  | 850              | 450               | 600               | 245209      | 435               | 1484               | 245257      | 580               | 1979               | 245233      | 717               | 2446               |
|                  | 1050             | 450               | 800               | 245210      | 580               | 1979               | 245258      | 773               | 2637               | 245234      | 956               | 3262               |
|                  | 1250             | 450               | 1000              | 245211      | 725               | 2474               | 245259      | 966               | 3296               | 245235      | 1195              | 4077               |
|                  | 1450             | 450               | 1200              | 245212      | 870               | 2968               | 245260      | 1159              | 3955               | 245236      | 1434              | 4893               |
|                  | 1650             | 450               | 1400              | 245213      | 1015              | 3463               | 245261      | 1352              | 4613               | 245237      | 1673              | 5708               |
| <b>800</b>       | 1850             | 450               | 1600              | 245214      | 1160              | 3958               | 245262      | 1546              | 5275               | 245238      | 1912              | 6524               |
|                  | 2050             | 450               | 1800              | 245215      | 1305              | 4453               | 245263      | 1739              | 5933               | 245239      | 2151              | 7339               |
|                  | 650              | 600               | 400               | 245216      | 365               | 1245               | 245264      | 501               | 1709               | 245240      | 615               | 2098               |
|                  | 850              | 600               | 600               | 245217      | 548               | 1870               | 245265      | 751               | 2562               | 245241      | 922               | 3146               |
|                  | 1050             | 600               | 800               | 245218      | 730               | 2491               | 245266      | 1002              | 3419               | 245242      | 1230              | 4197               |
|                  | 1250             | 600               | 1000              | 245219      | 913               | 3115               | 245267      | 1252              | 4272               | 245243      | 1537              | 5244               |
|                  | 1450             | 600               | 1200              | 245220      | 1096              | 3740               | 245268      | 1502              | 5125               | 245244      | 1844              | 6292               |
|                  | 1650             | 600               | 1400              | 245221      | 1278              | 4361               | 245269      | 1753              | 5981               | 245245      | 2152              | 7343               |
|                  | 1850             | 600               | 1600              | 245222      | 1461              | 4985               | 245270      | 2003              | 6834               | 245246      | 2459              | 8390               |
|                  | 2050             | 600               | 1800              | 245223      | 1643              | 5606               | 245271      | 2254              | 7691               | 245247      | 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)).

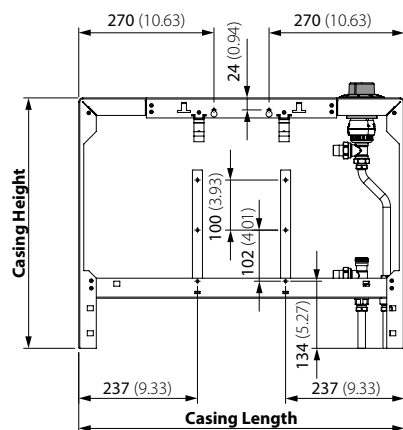
For EN442 data, technical and installation information please visit our website: [www.stelrad.com](http://www.stelrad.com) and search product downloads.

# NEW LST i PLUS DECO

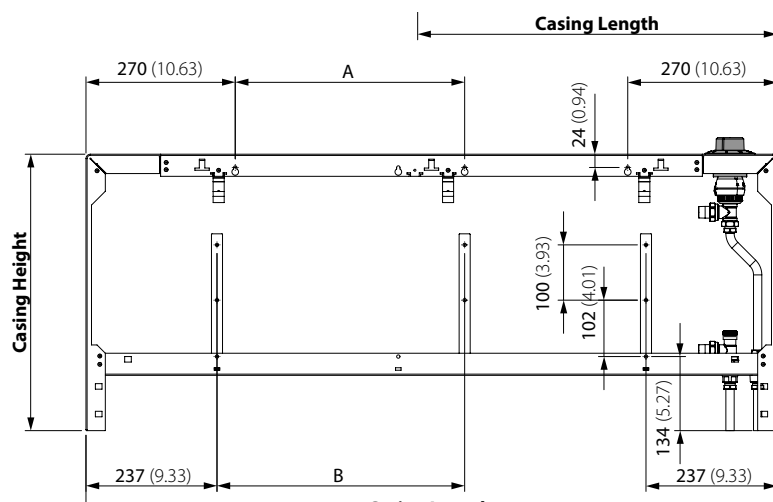
Safety Series

## WALL FIXINGS AND BRACKET POSITIONS

All dimensions in mm. Inches in brackets.



| Casing Length<br>mm | Casing Height<br>mm |
|---------------------|---------------------|
| 650                 | 500                 |
| 850                 | 650                 |
| 1050                | 800                 |



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

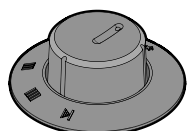
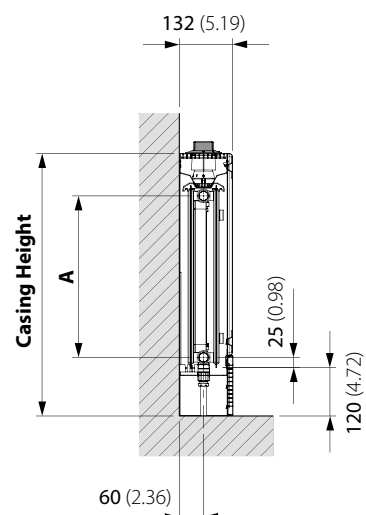
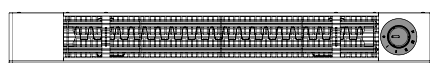
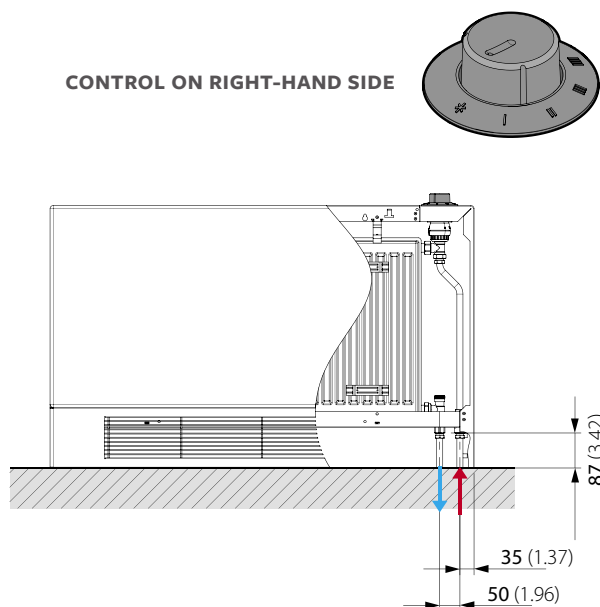
# NEW LST i PLUS DECO

Safety Series

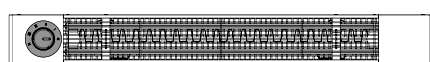
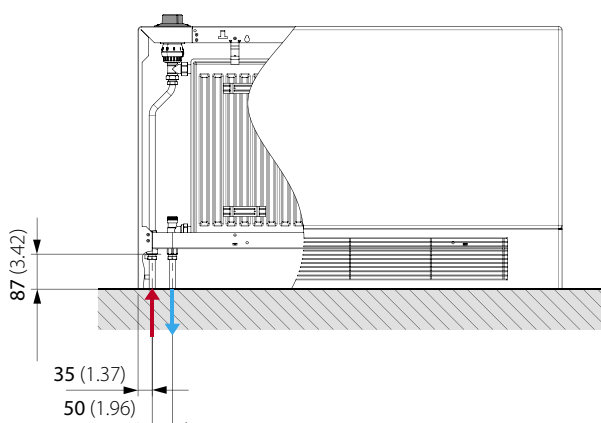
## CONNECTION OPTIONS

Each radiator comes with 1/2" inlet connections as standard.  
All dimensions in mm. Inches in brackets.

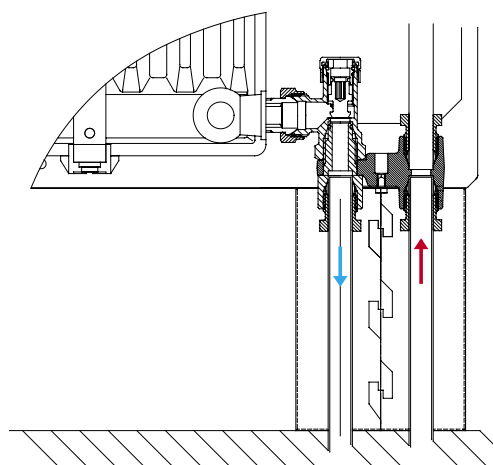
### CONTROL ON RIGHT-HAND SIDE



### CONTROL ON LEFT-HAND SIDE



### PIPE CONFIGURATIONS



# NEW LST i PLUS DECO

Safety Series

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

| Type                                    | K1    |       |       | P+    |       |       | K2    |       |       |
|-----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Casing height                           | 500   | 650   | 800   | 500   | 650   | 800   | 500   | 650   | 800   |
| Emitter height                          | 300   | 450   | 600   | 300   | 450   | 600   | 300   | 450   | 600   |
| W/m at 75/65/20                         | 489   | 725   | 913   | 710   | 966   | 1252  | 870   | 1195  | 1537  |
| n-coefficients                          | 1.19  | 1.25  | 1.34  | 1.24  | 1.27  | 1.31  | 1.27  | 1.30  | 1.32  |
| Heated surface area (m <sup>2</sup> /m) | 2.09  | 3.37  | 4.66  | 2.44  | 3.84  | 5.24  | 3.51  | 5.62  | 7.74  |
| Weight (kg/m)                           | 17.80 | 23.50 | 29.40 | 22.70 | 30.72 | 38.40 | 24.40 | 33.30 | 42.50 |
| Water contents (l/m)                    | 1.89  | 2.57  | 3.25  | 3.70  | 5.15  | 6.60  | 3.70  | 5.15  | 6.60  |

## COMPONENTS



LST i Plus front case view.



LST i Plus inside the casing showing the emitter.



LST i Plus 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 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.