



# CONCORD PLANE

## Designer Series

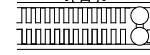
**50  $\Delta t$**

(75/65/20°C)

**SINGLE**



**DOUBLE**



| Height mm  | Length mm | Elements | SINGLE      |       |                    | DOUBLE      |       |                    |
|------------|-----------|----------|-------------|-------|--------------------|-------------|-------|--------------------|
|            |           |          | Stelrad UIN | Watts | Heat output Btu/hr | Stelrad UIN | Watts | Heat output Btu/hr |
| <b>444</b> | 500       | 6        | 148346      | 392   | 1338               | 148397      | 685   | 2337               |
|            | 600       | 6        | 148347      | 470   | 1604               | 148398      | 821   | 2801               |
|            | 700       | 6        | 148348      | 549   | 1873               | 148399      | 958   | 3269               |
|            | 800       | 6        | 148349      | 627   | 2139               | 148400      | 1095  | 3736               |
|            | 900       | 6        | 148350      | 706   | 2409               | 148401      | 1232  | 4204               |
|            | 1000      | 6        | 148351      | 784   | 2675               | 148402      | 1369  | 4671               |
|            | 1100      | 6        | 148352      | 862   | 2941               | 148403      | 1506  | 5139               |
|            | 1200      | 6        | 148353      | 941   | 3211               | 148404      | 1643  | 5606               |
|            | 1400      | 6        | 148354      | 1098  | 3747               | 148405      | 1917  | 6541               |
|            | 1600      | 6        | 148355      | 1254  | 4279               | 148406      | 2190  | 7473               |
|            | 1800      | 6        | 148356      | 1411  | 4815               | 148407      | 2464  | 8408               |
|            | 2000      | 6        | 148357      | 1568  | 5350               | 148408      | 2738  | 9342               |
|            | 2200      | 6        | 148358      | 1725  | 5886               | 148409      | 3012  | 10277              |
|            | 2400      | 6        | 148359      | 1882  | 6422               | 148410      | 3286  | 11212              |
|            | 2600      | 6        | 148360      | 2038  | 6954               | 148411      | 3559  | 12144              |
|            | 2800      | 6        | 148361      | 2195  | 7490               | 148412      | 3833  | 13079              |
| 3000       | 6         | 148362   | 2352        | 8025  | 148413             | 4107        | 14014 |                    |
| <b>592</b> | 500       | 8        | 148363      | 501   | 1709               | 148414      | 849   | 2897               |
|            | 600       | 8        | 148364      | 601   | 2051               | 148415      | 1018  | 3474               |
|            | 700       | 8        | 148365      | 701   | 2392               | 148416      | 1188  | 4054               |
|            | 800       | 8        | 148366      | 802   | 2737               | 148417      | 1358  | 4634               |
|            | 900       | 8        | 148367      | 902   | 3078               | 148418      | 1527  | 5210               |
|            | 1000      | 8        | 148368      | 1002  | 3419               | 148419      | 1697  | 5790               |
|            | 1100      | 8        | 148369      | 1102  | 3760               | 148420      | 1867  | 6370               |
|            | 1200      | 8        | 148370      | 1202  | 4101               | 148421      | 2036  | 6947               |
|            | 1400      | 8        | 148371      | 1403  | 4787               | 148422      | 2376  | 8107               |
|            | 1600      | 8        | 148372      | 1603  | 5470               | 148423      | 2715  | 9264               |
|            | 1800      | 8        | 148373      | 1804  | 6156               | 148424      | 3055  | 10424              |
|            | 2000      | 8        | 148374      | 2004  | 6838               | 148425      | 3394  | 11581              |
|            | 2200      | 8        | 148375      | 2204  | 7520               | 148426      | 3733  | 12738              |
|            | 2400      | 8        | 148376      | 2405  | 8206               | 148427      | 4073  | 13898              |
|            | 2600      | 8        | 148377      | 2605  | 8889               | 148428      | 4412  | 15054              |
|            | 2800      | 8        | 148378      | 2806  | 9574               | 148429      | 4752  | 16214              |
| 3000       | 8         | 148379   | 3006        | 10257 | 148430             | 5091        | 17371 |                    |
| <b>740</b> | 500       | 10       | 148380      | 598   | 2040               | 148431      | 1001  | 3416               |
|            | 600       | 10       | 148381      | 718   | 2450               | 148432      | 1201  | 4098               |
|            | 700       | 10       | 148382      | 837   | 2856               | 148433      | 1401  | 4780               |
|            | 800       | 10       | 148383      | 957   | 3265               | 148434      | 1602  | 5466               |
|            | 900       | 10       | 148384      | 1076  | 3671               | 148435      | 1802  | 6149               |
|            | 1000      | 10       | 148385      | 1196  | 4081               | 148436      | 2002  | 6831               |
|            | 1100      | 10       | 148386      | 1316  | 4490               | 148437      | 2202  | 7514               |
|            | 1200      | 10       | 148387      | 1435  | 4896               | 148438      | 2402  | 8196               |
|            | 1400      | 10       | 148388      | 1674  | 5712               | 148439      | 2803  | 9564               |
|            | 1600      | 10       | 148389      | 1914  | 6531               | 148440      | 3203  | 10929              |
|            | 1800      | 10       | 148390      | 2153  | 7346               | 148441      | 3604  | 12297              |
|            | 2000      | 10       | 148391      | 2392  | 8162               | 148442      | 4004  | 13662              |
|            | 2200      | 10       | 148392      | 2631  | 8977               | 148443      | 4404  | 15027              |
|            | 2400      | 10       | 148393      | 2870  | 9793               | 148444      | 4805  | 16395              |
|            | 2600      | 10       | 148394      | 3110  | 10612              | 148445      | 5205  | 17760              |
|            | 2800      | 10       | 148395      | 3349  | 11427              | 148446      | 5606  | 19128              |
| 3000       | 10        | 148396   | 3588        | 12243 | 148447             | 6006        | 20493 |                    |

$\Delta t50$  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.

If feet are required, they must be ordered when you purchase your product. The feet are welded on and can not be added to the product once your order has been placed.

Optional extra to have no lugs. This needs specifying at the time of ordering. For floorstanding only.

**FLOOR MOUNTING BRACKET INFORMATION**

|               |        |
|---------------|--------|
| 400 - 1600mm  | 2 feet |
| 1800 - 3000mm | 3 feet |

# CONCORD PLANE

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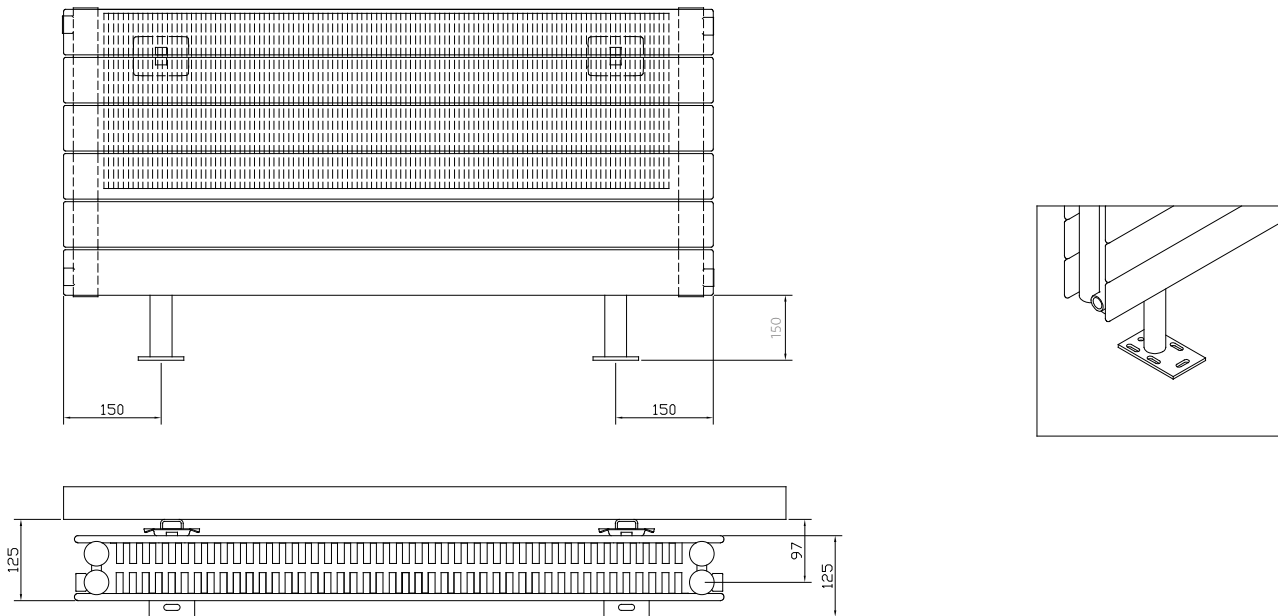
### SINGLE, CONCORD PLANE DOUBLE WALL MOUNTING INFORMATION

All dimensions in mm.

| Type         | From back of radiator to wall |        | From wall to centre of connections |        | From front of radiator to wall |        |
|--------------|-------------------------------|--------|------------------------------------|--------|--------------------------------|--------|
|              | mm                            | inches | mm                                 | inches | mm                             | inches |
| Plane Single | 11                            | 0.43   | 43                                 | 2.24   | 71                             | 2.79   |
| Plane Double | 25                            | 0.98   | 97                                 | 3.81   | 125                            | 4.92   |

### FLOOR MOUNTING POSITIONS

All dimensions in mm. Inches in brackets. Must be specified at time of ordering as they are securely welded during manufacture.

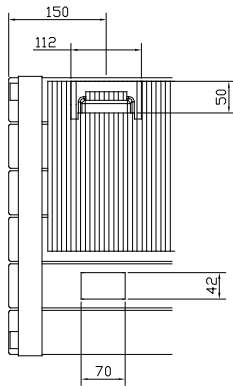


# CONCORD PLANE

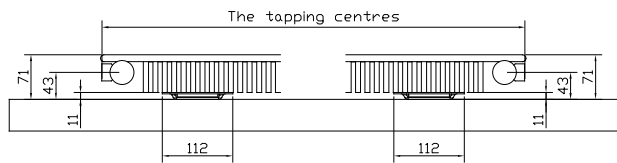
## Designer Series

### SINGLE FIXING POSITIONS

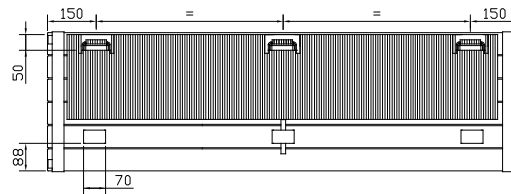
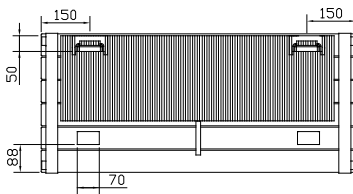
All dimensions in mm. Inches in brackets.



4 Lugs 0.5m to 1.9m

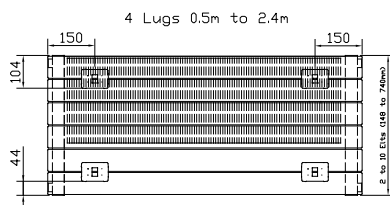
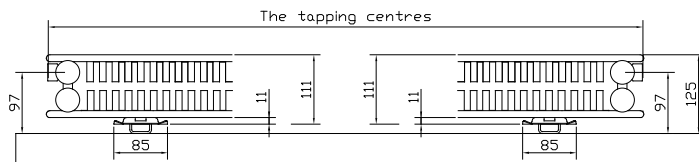
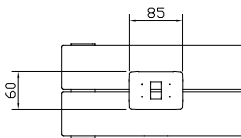


6 Lugs 2.0m to 3.0m

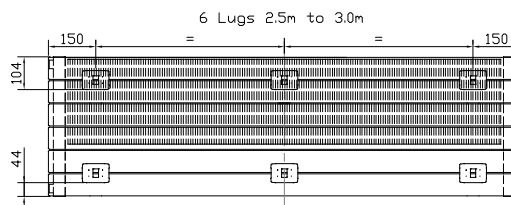


### DOUBLE FIXING POSITIONS

All dimensions in mm. Inches in brackets.



4 Lugs 0.5m to 2.4m

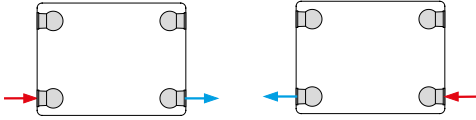


6 Lugs 2.5m to 3.0m

### CONNECTIONS

Each radiator comes with 1/2" inlet connections as standard.

### PIPING INSTRUCTIONS

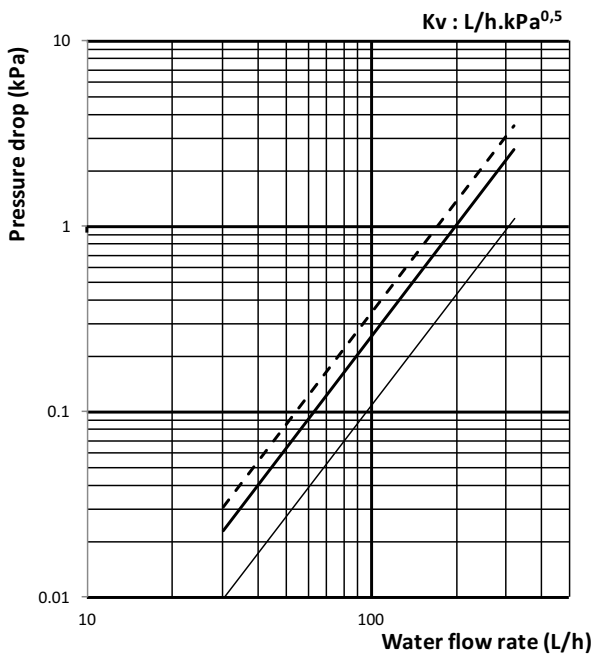


### EN 442 CERTIFICATION DATA - CETIAT TESTED IN ACCORDANCE WITH BS EN 442

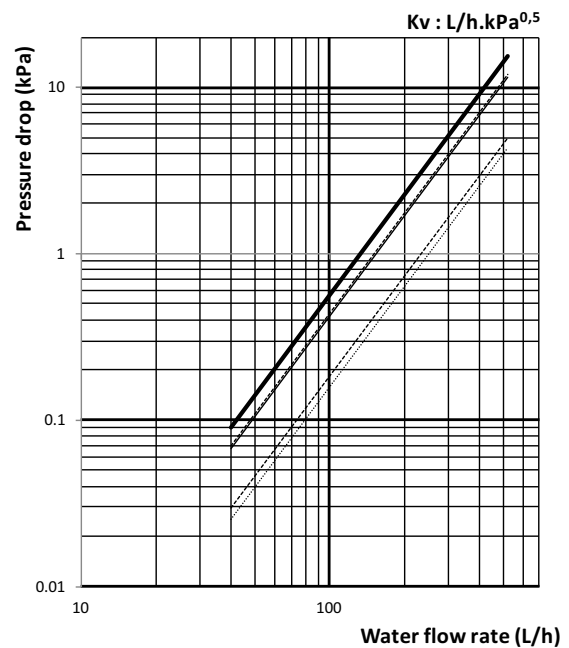
| Type                                    | Plane - Single |       |       | Plane - Double |       |       |
|---|----------------|-------|-------|----------------|-------|-------|
|   | 444            | 592   | 740   | 444            | 592   | 740   |
| Height                                  | 444            | 592   | 740   | 444            | 592   | 740   |
| W/m at 75/65/20                         | 784            | 1002  | 1196  | 1369           | 1697  | 2002  |
| n-coefficients                          | 1.24           | 1.24  | 1.24  | 1.28           | 1.30  | 1.32  |
| Heated surface area (m <sup>2</sup> /m) | 4.97           | 6.67  | 7.02  | 7.82           | 10.52 | 11.22 |
| Weight (kg/m)                           | 117.10         | 20.50 | 25.70 | 27.90          | 37.50 | 47.50 |
| Water contents (l/m)                    | 4.10           | 5.40  | 7.00  | 8.00           | 10.80 | 13.60 |
| Wall to tap centre (mm)                 | 43             | 43    | 43    | 98             | 98    | 98    |

### STEEL THICKNESS 1.25mm

### PRESSURE DROPS



- - - Single plane 740 -  $K_v=199$
- Single plane 592 -  $K_v=172$
- ..... Single plane 444 -  $K_v=305$



- ..... Double plane 444 -  $K_v=151$
- - - Double plane 592 -  $K_v=233$
- Double plane 740 -  $K_v=250$

# COLOUR GUIDE

## RAL COLOURS

|   |   |   |   |  |   |   |
|---|---|---|---|--|---|---|
|    |    |    |    |    |    |    |
| RAL 7035<br>Pale grey   | RAL 7038<br>Agate grey  | RAL 7036<br>Platinum grey   | RAL 7030<br>Stone grey  | RAL 7037<br>Dusty grey   | RAL 7015<br>Slate grey  | RAL 9005*<br>Jet black  |
|    |    |    |    |    |    |    |
| RAL 8017<br>Chocolate brown   | RAL 1016<br>Sulphur yellow  | RAL 1021<br>Cadmium yellow  | RAL 1004 Dark<br>Golden yellow  | RAL 2008<br>Light red orange   | RAL 3000<br>Flame red   | RAL 3003<br>Ruby red  |
|    |    |    |    |    |    |    |
| RAL 3005<br>Wine red  | RAL 6027<br>Light green   | RAL 6034<br>Pastel turquoise  | RAL 6019<br>Pastel green  | RAL 6033<br>Turquoise blue   | RAL 6020<br>Chrome green  | RAL 6005<br>Light moss green  |
|  |  |  |  |  |  |  |
| RAL 5014<br>Pigeon blue   | RAL 5002<br>Ultramarine blue  | RAL 5024<br>Pastel blue   | RAL 5022<br>Night blue  | RAL 5010<br>Gentian blue   | RAL 9016**<br>Traffic white   | RAL 9010<br>Pure white  |
|  |  |  |  |  |   |   |
| RAL 9001<br>Cream   | RAL 1013<br>Pearl white   | RAL 1015<br>Light ivory   | RAL 9002<br>Grey white  |  |   |   |

## Metallic Colours

|   |   |   |
|---|---|---|
|  |  |  |
| BR002<br>Metallic silver  | BR 0004<br>Gilded aluminium   | BR 0007<br>Satin metal grey   |

FOR FURTHER INFORMATION ON RAL COLOURS PLEASE VISIT [WWW.RALCOLOR.COM](http://WWW.RALCOLOR.COM)



Stelrad Radiators are available in white (RAL 9016) as standard, however the specific Radiators identified are now available in a variety of colours. The colours shown are reproduced as accurately as this process will allow and can be made to order on the identified products.

All colour radiators have up to an 8 week lead time, and when a coloured radiator or radiators have been ordered they cannot be cancelled or returned.

To request a colour chart please email [marketing@stelrad.com](mailto:marketing@stelrad.com)