Stelrad® Designer Series



# CONCORD
# PLANE & LO-LINE

The Stelrad Concord creates a distinctive look for any room, with four super-stylish design options - from the Lo-Line at just 144mm high to the Vertical at up to 2 metres, and every height in between. Flexible, highly efficient and very, very good looking.

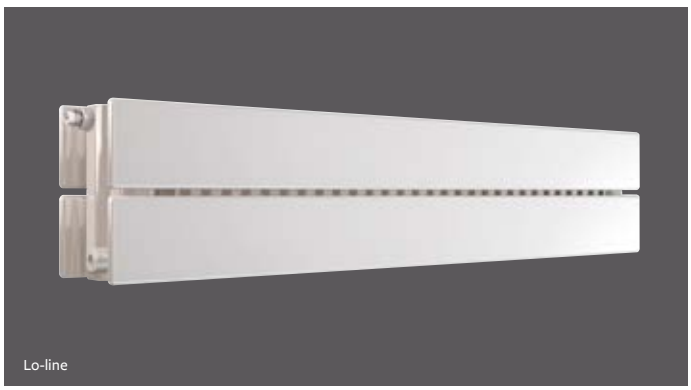
| | PLANE | LO-LINE |
|---|---|---|
| RANGE | 102 | 16 |
| TYPES | Single, Double | Double |
| HEIGHTS (MM) | 440, 588, 736 | 144, 292 |
| LENGTHS (MM) | 500 - 3000 | 800 - 2200 |
| OUTPUTS (WATTS) | 382 - 6276 | 530 - 2468 |
| OUTPUTS (BTU/HR) | 1303 - 21414 | 1808 - 8421 |
| COLOURS | 35 | 35 |
| WORKING PRESSURE | 4.6 bar | 4.6 bar |
| STEEL THICKNESS | 1.5mm | 1.5mm |

5 YEAR WARRANTY

6 WEEK LEAD TIME FOR COLOUR OPTIONS

BIM AVAILABLE

RAL 1004 Golden yellow



Lo-line



Lo-Line

# Concord Plane

Stelrad® Designer Series



## 50 Δt

(75/65/20°C)





| Height mm | Length mm | Elements | SINGLE Tap centres | SINGLE Stelrad UIN | SINGLE Heat output Watts | SINGLE Heat output Btu/hr | DOUBLE Tap centres | DOUBLE Stelrad UIN | DOUBLE Heat output Watts | DOUBLE Heat output Btu/hr |
|---|---|---|---|---|---|---|---|---|---|---|
| 440 | 500 | 6 | 512 | 148346 | 382 | 1303 | 512 | 148397 | 673 | 2296 |
| | 600 | 6 | 612 | 148347 | 458 | 1563 | 612 | 148398 | 808 | 2757 |
| | 700 | 6 | 712 | 148348 | 535 | 1825 | 712 | 148399 | 942 | 3214 |
| | 800 | 6 | 812 | 148349 | 611 | 2085 | 812 | 148400 | 1077 | 3675 |
| | 900 | 6 | 912 | 148350 | 688 | 2347 | 912 | 148401 | 1211 | 4132 |
| | 1000 | 6 | 1012 | 148351 | 764 | 2607 | 1012 | 148402 | 1346 | 4593 |
| | 1100 | 6 | 1112 | 148352 | 840 | 2866 | 1112 | 148403 | 1481 | 5053 |
| | 1200 | 6 | 1212 | 148353 | 917 | 3129 | 1212 | 148404 | 1615 | 5510 |
| | 1400 | 6 | 1412 | 148354 | 1070 | 3651 | 1412 | 148405 | 1884 | 6428 |
| | 1600 | 6 | 1612 | 148355 | 1222 | 4169 | 1612 | 148406 | 2154 | 7349 |
| | 1800 | 6 | 1812 | 148356 | 1375 | 4692 | 1812 | 148407 | 2423 | 8267 |
| | 2000 | 6 | 2012 | 148357 | 1528 | 5214 | 2012 | 148408 | 2692 | 9185 |
| | 2200 | 6 | 2212 | 148358 | 1681 | 5736 | 2212 | 148409 | 2961 | 10103 |
| | 2400 | 6 | 2412 | 148359 | 1834 | 6258 | 2412 | 148410 | 3230 | 11021 |
| | 2600 | 6 | 2612 | 148360 | 1986 | 6776 | 2612 | 148411 | 3500 | 11942 |
| | 2800 | 6 | 2812 | 148361 | 2139 | 7298 | 2812 | 148412 | 3769 | 12860 |
| | 3000 | 6 | 3012 | 148362 | 2292 | 7820 | 3012 | 148413 | 4038 | 13778 |
| 588 | 500 | 8 | 512 | 148363 | 500 | 1706 | 512 | 148414 | 827 | 2822 |
| | 600 | 8 | 612 | 148364 | 599 | 2044 | 612 | 148415 | 992 | 3385 |
| | 700 | 8 | 712 | 148365 | 699 | 2385 | 712 | 148416 | 1158 | 3951 |
| | 800 | 8 | 812 | 148366 | 799 | 2726 | 812 | 148417 | 1323 | 4514 |
| | 900 | 8 | 912 | 148367 | 899 | 3067 | 912 | 148418 | 1489 | 5080 |
| | 1000 | 8 | 1012 | 148368 | 999 | 3409 | 1012 | 148419 | 1654 | 5643 |
| | 1100 | 8 | 1112 | 148369 | 1099 | 3750 | 1112 | 148420 | 1819 | 6206 |
| | 1200 | 8 | 1212 | 148370 | 1199 | 4091 | 1212 | 148421 | 1985 | 6773 |
| | 1400 | 8 | 1412 | 148371 | 1399 | 4773 | 1412 | 148422 | 2316 | 7902 |
| | 1600 | 8 | 1612 | 148372 | 1598 | 5452 | 1612 | 148423 | 2646 | 9028 |
| | 1800 | 8 | 1812 | 148373 | 1798 | 6135 | 1812 | 148424 | 2977 | 10158 |
| | 2000 | 8 | 2012 | 148374 | 1998 | 6817 | 2012 | 148425 | 3308 | 11287 |
| | 2200 | 8 | 2212 | 148375 | 2198 | 7500 | 2212 | 148426 | 3639 | 12416 |
| | 2400 | 8 | 2412 | 148376 | 2398 | 8182 | 2412 | 148427 | 3970 | 13546 |
| | 2600 | 8 | 2612 | 148377 | 2597 | 8861 | 2612 | 148428 | 4300 | 14672 |
| | 2800 | 8 | 2812 | 148378 | 2797 | 9543 | 2812 | 148429 | 4631 | 15801 |
| | 3000 | 8 | 3012 | 148379 | 2997 | 10226 | 3012 | 148430 | 4962 | 16930 |
| 736 | 500 | 10 | 512 | 148380 | 606 | 2068 | 512 | 148431 | 1046 | 3569 |
| | 600 | 10 | 612 | 148381 | 727 | 2481 | 612 | 148432 | 1255 | 4282 |
| | 700 | 10 | 712 | 148382 | 848 | 2893 | 712 | 148433 | 1464 | 4995 |
| | 800 | 10 | 812 | 148383 | 970 | 3310 | 812 | 148434 | 1674 | 5712 |
| | 900 | 10 | 912 | 148384 | 1091 | 3722 | 912 | 148435 | 1883 | 6425 |
| | 1000 | 10 | 1012 | 148385 | 1212 | 4135 | 1012 | 148436 | 2092 | 7138 |
| | 1100 | 10 | 1112 | 148386 | 1333 | 4548 | 1112 | 148437 | 2301 | 7851 |
| | 1200 | 10 | 1212 | 148387 | 1454 | 4961 | 1212 | 148438 | 2510 | 8564 |
| | 1400 | 10 | 1412 | 148388 | 1697 | 5790 | 1412 | 148439 | 2929 | 9994 |
| | 1600 | 10 | 1612 | 148389 | 1939 | 6616 | 1612 | 148440 | 3347 | 11420 |
| | 1800 | 10 | 1812 | 148390 | 2182 | 7445 | 1812 | 148441 | 3766 | 12850 |
| | 2000 | 10 | 2012 | 148391 | 2424 | 8271 | 2012 | 148442 | 4184 | 14276 |
| | 2200 | 10 | 2212 | 148392 | 2666 | 9096 | 2212 | 148443 | 4602 | 15702 |
| | 2400 | 10 | 2412 | 148393 | 2909 | 9926 | 2412 | 148444 | 5021 | 17132 |
| | 2600 | 10 | 2612 | 148394 | 3151 | 10751 | 2612 | 148445 | 5439 | 18558 |
| | 2800 | 10 | 2812 | 148395 | 3394 | 11580 | 2812 | 148446 | 5858 | 19987 |
| | 3000 | 10 | 3012 | 148396 | 3636 | 12406 | 3012 | 148447 | 6276 | 21414 |

Δt50 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 Δt40 or Δt30 output (see your installer or system designer or download from www.stelrad.com).

# Concord Plane

Stelrad Designer Series



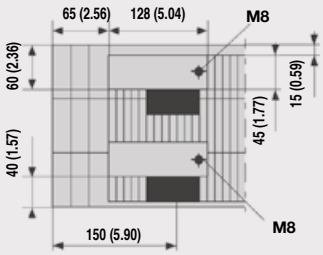
### EN 442 CERTIFICATION DATA - CETIAT TESTED IN ACCORDANCE WITH BS EN 442

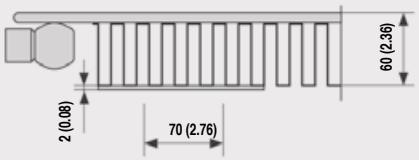
| Type | Plane - Single | | | Plane - Double | | |
|---|---|---|---|---|---|---|
| Height | 440 | 588 | 736 | 440 | 588 | 736 |
| W/m at 75/65/20 | 764 | 999 | 1212 | 1346 | 1654 | 2092 |
| n-coefficients | 1.27 | 1.29 | 1.29 | 1.31 | 1.31 | 1.34 |
| Heated surface area ($m^2/m$) | 4.90 | 6.58 | 6.92 | 7.71 | 10.37 | 11.06 |
| Weight (kg/m) | 18.23 | 25.01 | 31.98 | 32.79 | 45.01 | 57.44 |
| Water contents (l/m) | 2.68 | 3.54 | 4.43 | 5.31 | 7.09 | 8.86 |
| Wall to tap centre (mm) | 44 | 44 | 44 | 94 | 94 | 94 |

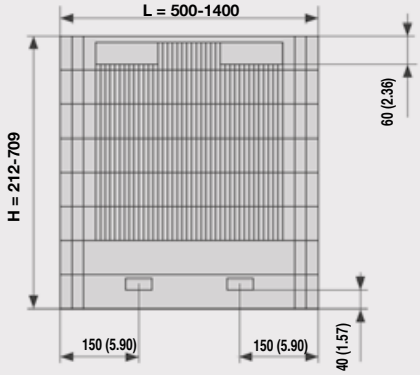
### STEEL THICKNESS 1.5mm

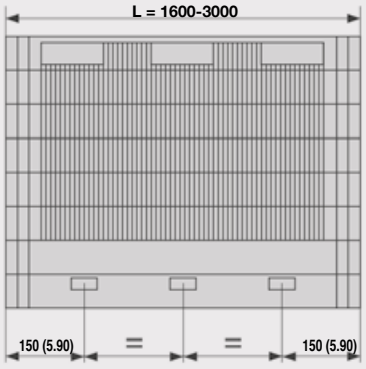
### SINGLE FIXING POSITIONS

All dimensions in mm. Inches in brackets.



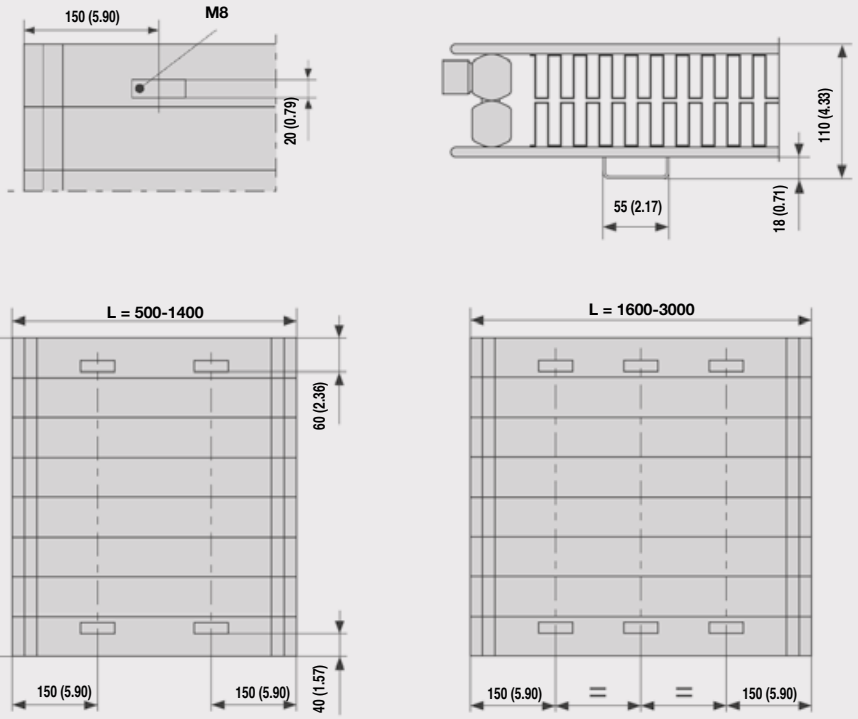
# Concord Plane

Stelrad® Designer Series



## DOUBLE FIXING POSITIONS

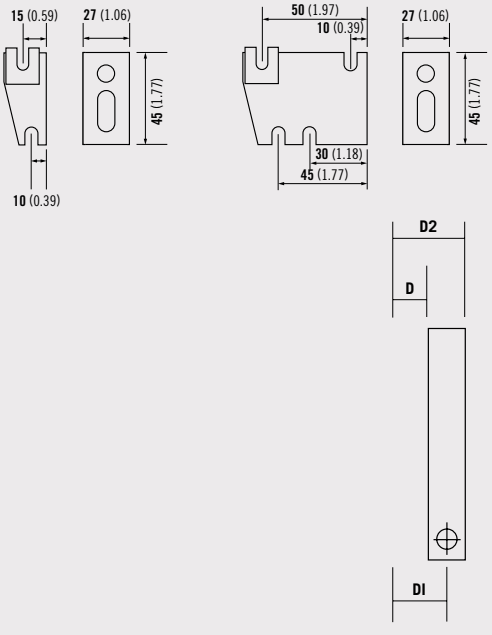
All dimensions in mm. Inches in brackets.




## SINGLE, CONCORD PLANE DOUBLE WALL MOUNTING INFORMATION

All dimensions in mm. Inches in brackets.

| Type | From back of radiator to wall D | | From wall to centre of connections D1 | | From front of radiator to wall D2 | |
|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm |
| Plane Single | 9 | 0.35 | 44 | 1.73 | 69 | 2.72 |
| Plane Double | 27 | 1.06 | 94 | 3.70 | 119 | 4.69 |



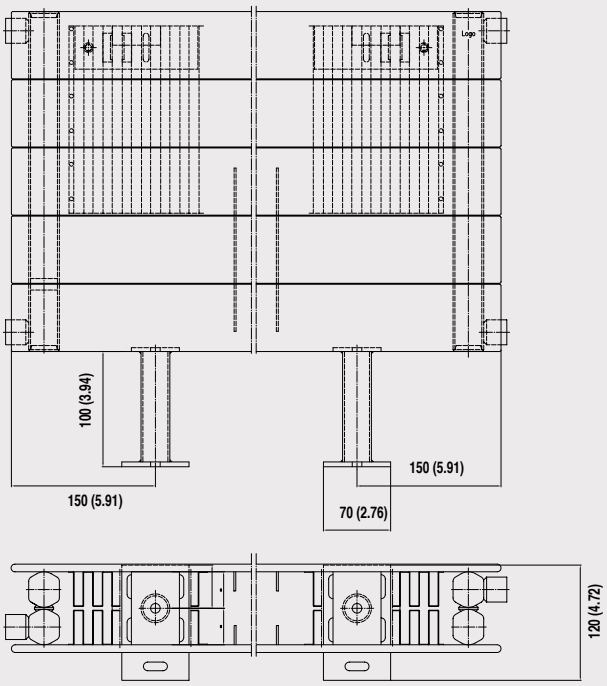
# Concord Plane

Stelrad Designer Series



## FLOOR MOUNTING POSITIONS

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



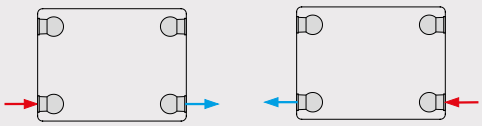



Floor mounting brackets illustration. This is a made to order product and once ordered it cannot be cancelled.

## CONNECTIONS

Each radiator comes with ½" inlet connections as standard.

## PIPING INSTRUCTIONS



# Concord Lo-Line

Stelrad Designer Series



## 50 Δt

(75/65/20°C)

| Height mm | Length mm | Elements | Tap centres | Stelrad UIN | Heat output Watts | Heat output Btu/hr |
|---|---|---|---|---|---|---|
| 144 | 800 | 2 | 812 | 148308 | 530 | 1808 |
| | 1000 | 2 | 1012 | 148309 | 663 | 2262 |
| | 1200 | 2 | 1212 | 148310 | 796 | 2716 |
| | 1400 | 2 | 1412 | 148311 | 928 | 3166 |
| | 1600 | 2 | 1612 | 148312 | 1061 | 3620 |
| | 1800 | 2 | 1812 | 148313 | 1193 | 4071 |
| | 2000 | 2 | 2012 | 148314 | 1326 | 4524 |
| | 2200 | 2 | 2212 | 148315 | 1459 | 4978 |
| 292 | 800 | 4 | 812 | 148316 | 898 | 3064 |
| | 1000 | 4 | 1012 | 148317 | 1122 | 3828 |
| | 1200 | 4 | 1212 | 148318 | 1346 | 4593 |
| | 1400 | 4 | 1412 | 148319 | 1571 | 5360 |
| | 1600 | 4 | 1612 | 148320 | 1795 | 6125 |
| | 1800 | 4 | 1812 | 148321 | 2020 | 6892 |
| | 2000 | 4 | 2012 | 148322 | 2244 | 7657 |
| | 2200 | 4 | 2212 | 148323 | 2468 | 8421 |

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

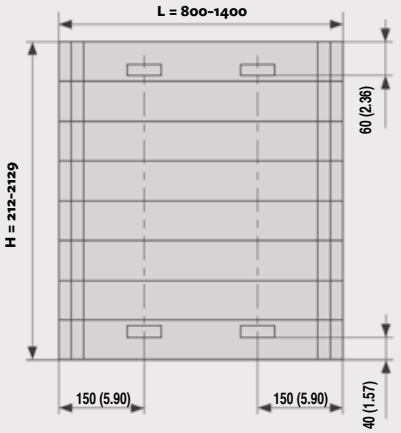
| Type | Lo-Line | |
|---|---|---|
| Height | 144 | 292 |
| W/m at 75/65/20 | 663 | 1122 |
| n-coefficients | 1.23 | 1.28 |
| Heated surface area ($m^2$/m) | 2.47 | 5.12 |
| Weight (kg/m) | 12.57 | 25.05 |
| Water contents (l/m) | 1.77 | 3.57 |
| Wall to tap centre (mm) | 44 | 94 |

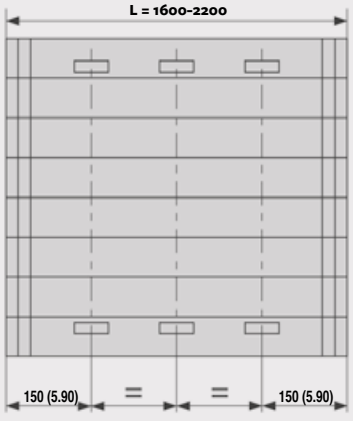
**STEEL THICKNESS 1.5mm**

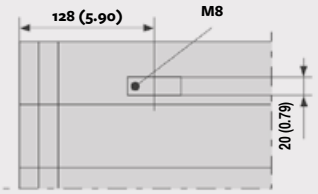
Δt50 is the UK's industry standard for heating outputs, which has an operating temperature of 75/65/20ºC. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer or download from www.stelrad.com).

### LO-LINE FIXING POSITIONS

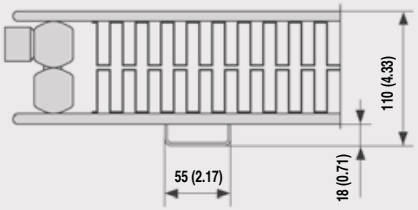
All dimensions in mm. Inches in brackets.

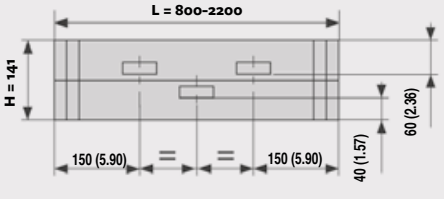



Concord Lo-Line 144mm has unique brackets.




*Welded-on foot supports recommended

# Concord Lo-Line

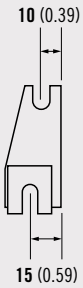
Stelrad Designer Series



## WALL MOUNTING INFORMATION

All dimensions in mm. Inches in brackets.

| Type | From back of radiator to wall D | | From wall to centre of connections D1 | | From front of radiator to wall D2 | |
|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm |
| Plane Double | 27 | 1.06 | 94 | 3.70 | 119 | 4.69 |

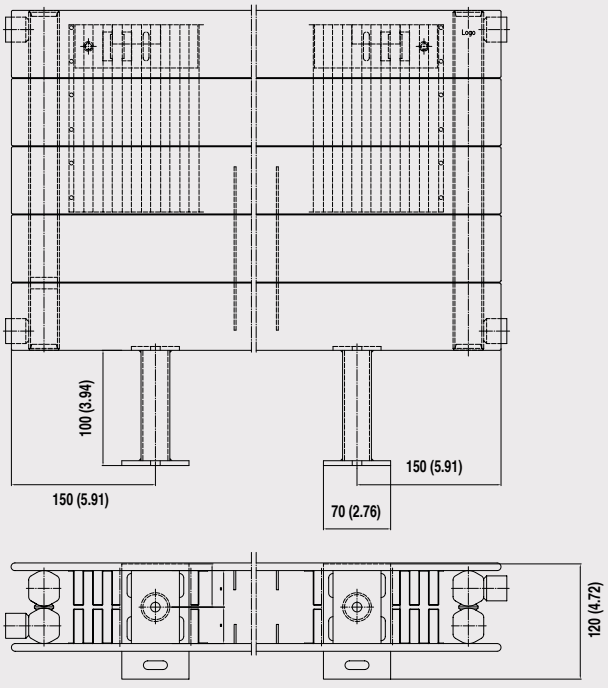



## CONNECTIONS

Each radiator comes with ½" inlet connections as standard.

## FLOOR MOUNTING POSITIONS

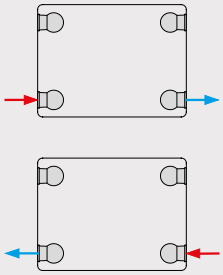
All dimensions in mm. Inches in brackets. Must be specified at time of ordering as they are securely welded during manufacture.






Floor mounting brackets illustration. This is a made to order product and once ordered it cannot be cancelled.

## PIPING INSTRUCTIONS



# Colour Guide

**With Stelrad, you can heat your home in colour.**
**Choose from a full range of stylish radiator colours.**

Colour information for the:
Aqua Series - Vistaline and Ellipse
Designer Series - Classic Column and Concord

## *RAL Colours*

RAL 7035
Pale grey

RAL 7038
Agate grey

RAL 7036
Platinum grey

RAL 7030
Stone grey

RAL 7037
Dusty grey

RAL 7015
Slate grey

RAL 9005*
Jet black

RAL 8017
Chocolate brown

RAL 1016
Sulphur yellow

RAL 1021
Cadmium yellow

RAL 1004 Dark
Golden yellow

RAL 2008
Light red orange

RAL 3000
Flame red

RAL 3003
Ruby red

RAL 3005
Wine red

RAL 6027
Light green

RAL 6034
Pastel turquoise

RAL 6019
Pastel green

RAL 6033
Turquoise blue

RAL 6020
Chrome green

RAL 6005
Light moss green

RAL 5014
Pigeon blue

RAL 5002
Ultramarine blue

RAL 5024
Pastel blue

RAL 5022
Night blue

RAL 5010
Gentian blue

RAL 9016**
Traffic white

RAL 9010
Pure white

RAL 9001
Cream

RAL 1013
Pearl white

RAL 1015
Light ivory

RAL 9002
Grey white

## *Metallic Colours*

2765G
Metallic silver

BR 0004
Gilded aluminium

BR 0007***
Satin metal grey

For further information on RAL colours please visit www.ralcolor.com

RAL 9016** Traffic white comes as standard on all radiators.

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.