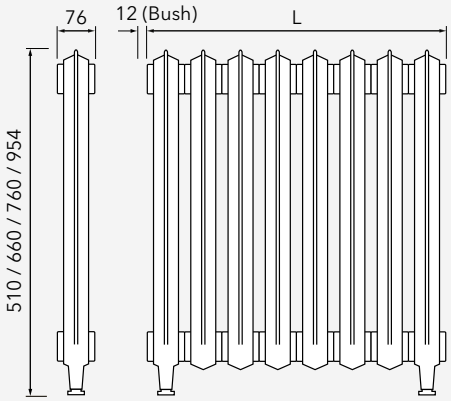
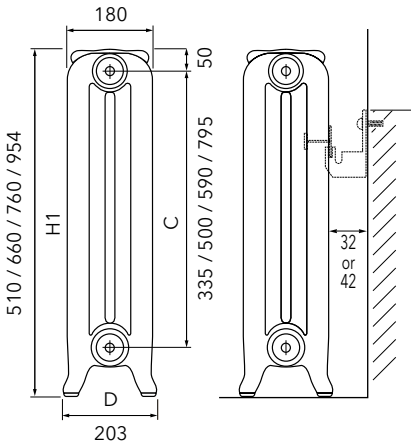
Single Section Output/Dimensions

Model		510	660	760	954
Height - With Foot	**H1**	510	660	760	954
Centres	**C**	335	500	590	795
Section Width	**W**	76	76	76	76
Depth	**D**	203	203	203	203
Water volume per section	**Lit**	1.83	2.26	2.60	3.30
Dry weight per section	**kg**	8.70	10.80	11.00	13.50
Output EN442 - Δt 50°C	**Watts**	74	111	121	151
BS EN442 per sect.	**Btu/hr**	252	378	403	515
Output EN442 - Δt 55.5°C	**Watts**	84	127	138	172
BS EN442 per sect.	**Btu/hr**	286	433	472	586
Output EN442 - Δt 60°C	**Watts**	93	140	153	191
BS EN442 per sect.	**Btu/hr**	317	479	523	652
Max delivered assembled lengths		15	15	15	15

Manufacturing tolerance of ±2mm should be allowed in all dimensions.



Note - When connecting bottom opposite ends 24mm must be added to 'L' dimension to allow for the reducing bushes. If connecting top/bottom same end then 12mm must be added to 'L' dimension plus valves.



Multiple Section Outputs/Watts 75/65/20°C Δt 50 BS EN442

Sections	L - Length mm	Output 510 H	Output 660 H	Output 760 H	Output 954 H
3 Section	228	222	333	363	453
4 Section	304	296	444	484	604
5 Section	380	370	555	605	755
6 Section	456	444	666	726	906
7 Section	532	518	777	847	1057
8 Section	608	592	888	968	1208
9 Section	684	666	999	1089	1359
10 Section	760	740	1110	1210	1510
11 Section	836	814	1221	1331	1661
12 Section	912	888	1332	1452	1812
13 Section	988	962	1443	1573	1963
14 Section	1064	1036	1554	1694	2114
*15 Section	1140	1110	1665	1815	2265
17 Section	1292	1258	1887	2057	2567
19 Section	1444	1406	2109	2299	2869
21 Section	1596	1554	2331	2541	3171

*Maximum deliverable lengths, further lengths are possible by joining sections on site. Make-up tool is required. To convert Watts to Btus X 3.412.

Tuscan Cast Iron Colours

Black (matt)

Anthracite (matt)

Dark Old Penny (matt)

Light Old Penny (matt)

Gun Metal (semi gloss)

Natural Cast Iron (matt)

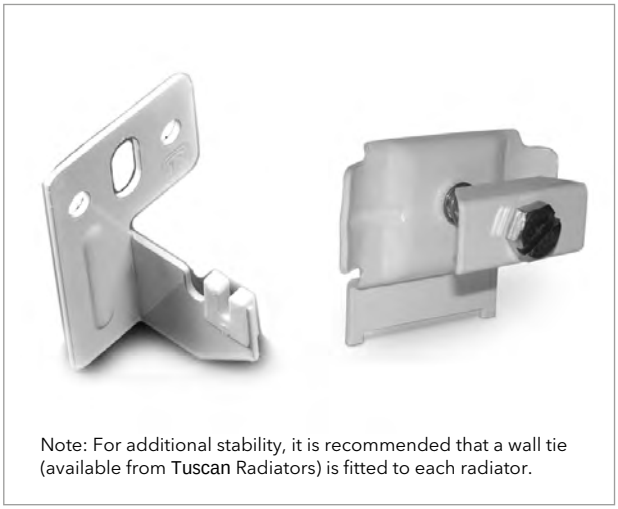
Pewter (matt)

Antique Gold (matt)

Other RAL/BS colours are also available

Due to the limitations of the printing process, finished product colour may vary from this publication.

Bracket and Clamp



Note: For additional stability, it is recommended that a wall tie (available from Tuscan Radiators) is fitted to each radiator.

IMPORTANT NOTE:
Do not powder coat this product.

Chartwell Valves

Chartwell valves are available in 15mm, 15mm TRV, 1/2"- 3/4" BSP manual

Belgravia Valves

Belgravia valves are available in 15mm connection sizes.

Kentwell Valves

Also available in a gleaming chrome plated finish.

Δt	CF
60	1.267
59	1.24
58	1.213
57	1.186
56	1.159
55.5	1.145
55	1.132
54	1.105
53	1.079
52	1.052
51	1.026
50	1.000
45	0.872
40	0.748
35	0.629

Correction Factor Table

The outputs shown within this brochure are based on BS EN442, 75-65-20°C operating conditions, giving a Δt of 50°C, for Δt's other than this, a correction factor must be applied. This correction factor table assumes an averaged exponent of 1.30. If a more accurate exponent / correction factor is required, please contact Tuscan Radiators.

Example: Output required @ 82-71-21°C Δt 55.5 the CF = 1.145, therefore multiply the listed output by the correction factor to give actual radiator output under these operating conditions.

Water Treatment: These products are for use on closed heating systems only; they are not suitable for installation on secondary HWS circuits. On completion of the installation the entire system MUST be thoroughly cleaned and flushed to remove debris/flux residues etc. If a chemical cleanser is used, it must be thoroughly flushed from the system. Following this, the system MUST be dosed with a good eminence water treatment to prevent corrosion. System design, flushing and dosing must be in accordance with BS 5449: 1990, BS EN 12828 & 12831: 2003 and BS 7593: 2006

IMPORTANT: Failure to observe these requirements will render the guarantee on the product void.
Corrosion inhibitor must be used in accordance with the manufacturer's instructions and recommendations and should take into account the particular metals within the system.

TUSCAN FOUNDRY PRODUCTS EST. 1893

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