

Victorian

Classically styled, high quality cast iron column radiators



Features and Benefits

- Cast iron column radiator
- Supplied as standard in a primer that requires over painting (by others) or it can be fully factory painted by **Tuscan** to many RAL or BS colour finishes (additional costs apply)
- Each radiator is supplied complete with plugs, bushes and vents
- Delivered to site assembled in lengths up to 20 sections (depending on model)

Models: 5

Outputs per section: 40.8 - 116.4 Watts

Maximum working pressure: 6 bar (test 7.8 bar) water test

Heights: 288 - 870mm (without feet)

Depth: 140mm

Types: Floor Mounted with Integrated feet (as standard) with wall mounted or loose insertable feet as options to be specified.



Victorian

The timeless **Victorian cast iron column radiator** looks equally at home in the period house or the modern apartment.

For stunning good looks and the ability to blend with either traditional or contemporary settings, the Victorian cast iron column radiator from Tuscan Radiators is a truly versatile heat emitter. Its smooth rounded lines and choice of five models mean that the Victorian can provide elegance with an unobtrusive profile. It is perfect either for new heating systems or for replacing existing radiators.



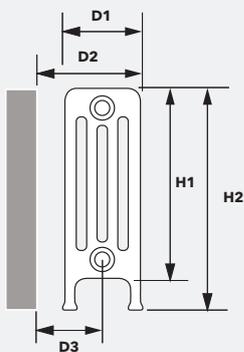
Most styles of decor will be complemented with the Victorian radiator. The Victorian is supplied as standard in a primer that requires over painting (by others) or it can be fully factory painted by Tuscan to many RAL or BS colour finishes (additional costs apply) Note: Do NOT powder coat this product failure to observe this would invalidate the warranty.

The Victorian is available in 5 heights ranging from 288mm to 870mm with a depth of 140mm and delivered to site assembled in lengths up to 20 sections (depending on model). Further sections may be assembled on site for longer finished radiators.

Each radiator is supplied complete with plugs, bushes and vents with ½" connections and integrated feet as standard. Wall mounted or loose insertable feet options are available (to be specified) and the option of ¾" if required. Wall or floor brackets can be supplied to allow the maximum flexibility in siting.

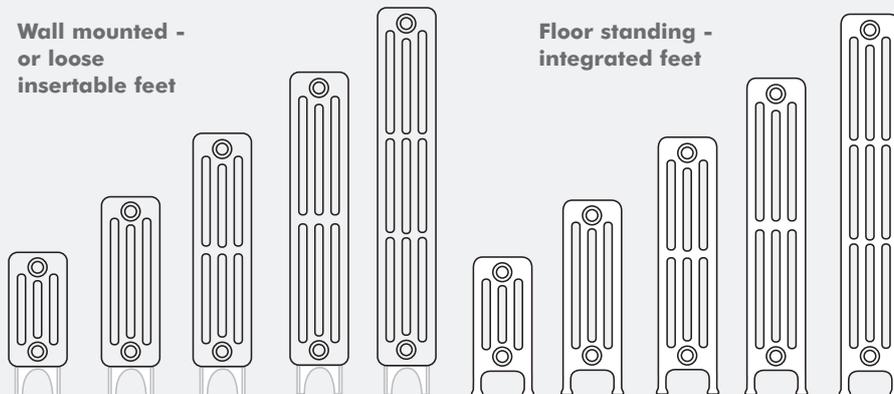
To complete the traditional styling, solid brass radiator valves are also available from the Tuscan collection. Victorian radiators have a maximum working pressure of 6 bar with a test pressure of 7.8 bar max (water test only) and carry a 10 year guarantee against manufacturing defects.





Wall mounted -
or loose
insertable feet

Floor standing -
integrated feet



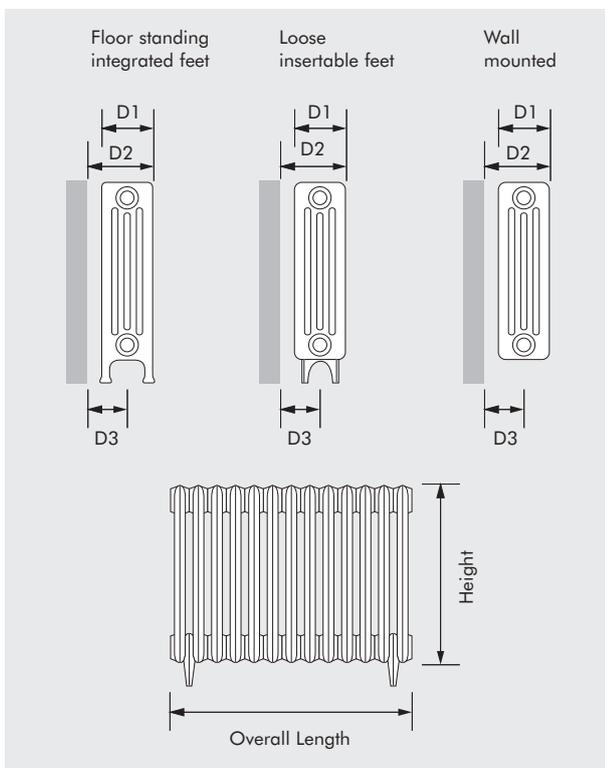
All information is per section

Model / Code	V33/4-B	V46/4-B	V61/4-B	V80/4-B	V95/4-B	V33/4/F	V46/4/F	V61/4/F	V80/4/F	V95/4-F
Height - (mm) - H1	288	420	570	720	870	353	485	635	785	935
Height With Optional Feet (mm) - H2	353	485	635	785	935	-	-	-	-	-
Output (Watts @ Δt 50°C)	40.8	58.2	75.4	98.3	116.4	40.8	58.2	75.4	98.3	116.4
No. Columns Deep	4	4	4	4	4	4	4	4	4	4
Depth (mm) - D1	140	140	140	140	140	140	140	140	140	140
Depth (Wall To Face) (mm) - D2	172 or 182									
Pipe Centres From Wall (mm) - D3	102 or 112									
Width (mm)	50	50	50	55	55	50	50	50	55	55
Dry Weight (Kg's)	2.58	3.19	4.19	5.17	6.54	2.58	3.19	4.19	5.17	6.54
Water Content (Litrs)	0.40	0.49	0.60	0.85	0.97	0.40	0.49	0.60	0.85	0.97
Max No. Factory Built Sections	20	20	20	20	17	20	20	20	20	17

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

Sections	V 33 / 4	V 46 / 4	V 61 / 4	V 80 / 4	V 95 / 4
3	122	175	226	295	349
4	163	233	302	393	466
5	204	291	377	492	582
6	245	349	452	590	698
7	286	407	528	688	815
8	326	466	603	786	931
9	367	524	679	885	1048
10	408	582	754	983	1164
11	449	640	829	1081	1280
12	490	698	905	1180	1397
13	530	757	980	1278	1513
14	571	815	1056	1376	1630
15	612	873	1131	1475	1746
16	653	931	1206	1573	1862
17	694	989	1282	1671	1979
18	734	1048	1357	1769	2095
19	775	1106	1433	1868	2212
20	816	1164	1508	1966	2328
21	857	1222	1583	2064	2444
22	898	1280	1659	2163	2561
23	938	1339	1734	2261	2677
24	979	1397	1810	2359	2794
25	1020	1455	1885	2458	2910
26	1061	1513	1960	2556	3026
27	1102	1571	2036	2654	3143
28	1142	1630	2111	2752	3259
29	-	1688	2187	2851	3376
30	-	1746	2262	2949	3492
31	-	1804	2337	3047	3608
32	-	1862	2413	3146	3725
33	-	1921	2488	3244	3841
34	-	1979	2564	3342	3958
35	-	2037	2639	3441	4074
36	-	2095	2714	3539	4190
37	-	2153	2790	3637	4307
38	-	2212	2865	3735	4423
39	-	2270	2941	3834	4540
40	-	2328	3016	3932	4656

To convert Watts to Btus x 3.412. For other operating conditions refer to the table of correction factors on page 4.



Overall lengths equal No. Sections x 50 or 55mm plus 24mm
 (For reducing bushes)
 Example - 20 Section Radiator:
 20 x 50mm + 24mm = 1024mm Total Length
 Manufacturing tolerance of ±2mm should be allowed in all dimensions.

Mounting Options

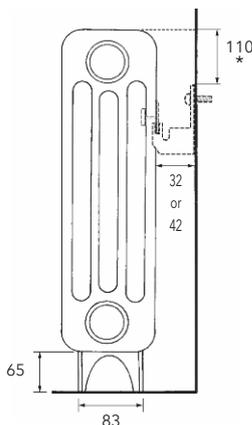
Victorian is supplied as standard with integrated feet and all fixings/ ties included in the price. Should you require the loose insertable feet or wall mounted only version this must be stated when ordering. Valves are not included and must be ordered separately.

Feet Positions:

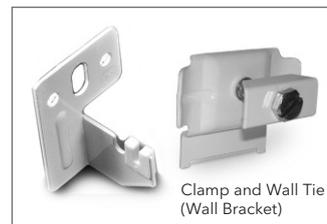
- Up to 20 sections - 2 feet, one at each end
- Odd numbers (21-39 sections) - 3 feet, one at each end and one centrally
- Even numbers (22-40 sections) - 4 feet, one at each end and two evenly spaced

Number of brackets with wall mounted option:

- Up to 17 sections - 4 brackets
- 18-31 sections - 6 brackets
- 32-40 sections - 8 brackets



*Recommended Fixing Height



Chartwell Valves

Chartwell valves are available in 15mm, 15mm TRV, ½"- ¾"BSP manual



Kentwell Valves

Also available in 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.



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