

New Clasico



CLASSICALLY STYLED CAST
IRON COLUMN RADIATORS



URS



NEW CLASICO

The timeless New Clasico 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 New Clasico cast iron column radiator from MHS Radiators is a truly versatile heat emitter. Its smooth rounded lines and choice of five models mean that the New Clasico 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 New Clasico radiator, which comes supplied in an beige grey primer coating. They can also be wet painted (**do not powder coat**) with colours from the MHS Card to blend with any interior.

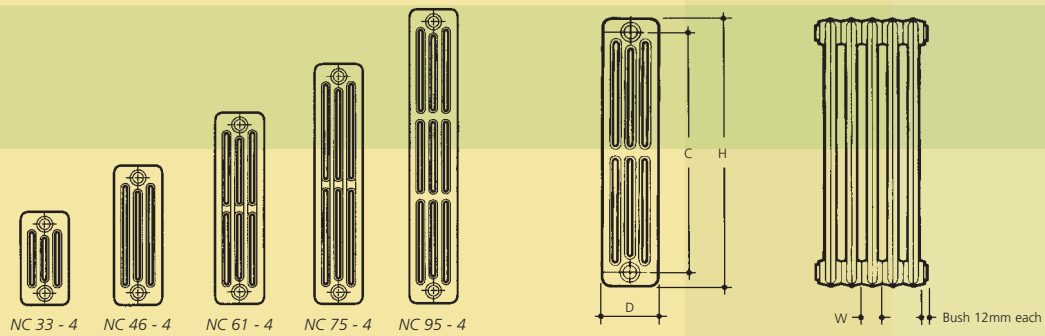
The New Clasico is available in heights ranging from 288mm to 871mm with a depth of 140mm and delivered to site assembled in lengths up to 20 sections (depending on model). Further sections may be assembled on site for longer finished radiators.



Each radiator is supplied complete with plugs, bushes and vents with a choice of $\frac{1}{2}$ " or $\frac{3}{4}$ " connections. Wall or floor brackets can be supplied to allow the maximum flexibility in siting. To complete the traditional styling, solid brass Chartwell radiator valves may be purchased in a choice of 15mm, 15mm TRV, $\frac{1}{2}$ " or $\frac{3}{4}$ " BSP connection sizes, or the 15mm Belgravia cross head valve available in chrome or gold.

New Clasico radiators have a maximum working pressure of 6 Bar, and carry a 10 year guarantee against manufacturing defects.





Single Section Output/Dimensions

Model			NC 33 - 4	NC 46 - 4	NC 61 - 4	NC 75 - 4	NC 95 - 4
Height	H	mm	288	420	571	665	871
Centres	C	mm	218	350	500	595	801
Section Width	W	mm	50	50	55	55	55
Depth	D	mm	140	140	141	141	141
Water Volume per Section		lit	0.40	0.49	0.58	0.74	0.86
Dry Weight per Section		kg	2.58	3.19	4.65	5.25	6.89
Output @ Δt 50 BS EN442 per sect.	Watts Btu/hr		40.8 139	58.2 198	79.5 271	91 310	115.4 393
Output @ Δt 55.5 BS EN442 per sect.	Watts Btu/hr		46.7 159	66.6 227	91 310	104.1 355	132.1 450
Output @ Δt 60 BS EN442 per sect.	Watts Btu/hr		51.6 176	73.7 251	100.7 343	115.2 393	146.2 498
Maximum Delivered Assembled Lengths			20	17	17	17	17

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

Sections	NC 33 - 4	NC 46 - 4	NC 61 - 4	NC 75 - 4	NC 95 - 4
3	122	175	239	273	346
4	163	233	318	364	462
5	204	291	398	455	577
6	245	349	477	546	692
7	286	407	557	637	808
8	326	466	636	728	923
9	367	524	716	819	1039
10	408	582	795	910	1154
11	449	640	875	1001	1269
12	490	698	954	1092	1385
13	530	757	1034	1183	1500
14	571	815	1113	1274	1616
15	612	873	1193	1365	1731
16	653	931	1272	1456	1846
17	694	989	1352	1547	1962
18	734	1048	1431	1638	2077
19	775	1106	1511	1729	2193
20	816	1164	1590	1820	2308
21	857	1222	1670	1911	2423
22	898	1280	1749	2002	2539
23	938	1339	1829	2093	2654
24	979	1397	1908	2184	2770
25	1020	1455	1988	2275	2885
26	1061	1513	2067	2366	3000
27	1102	1571	2147	2457	3116
28	1142	1630	2226	2548	3231
29	1183	1688	2306	2639	3347
30	1224	1746	2385	2730	3462
31	1265	1804	2465	2821	3577
32	1306	1862	2544	2912	3693
33	1346	1921	2624	3003	3808
34	1387	1979	2703	3094	3924
35	1428	2037	2783	3185	4039
36	1469	2095	2862	3276	4154
37	1510	2153	2942	3367	4270
38	1550	2212	3021	3458	4385
39	1591	2270	3101	3549	4501
40	1632	2328	3180	3640	4616

To convert Watts to Btus X 3.412

The heat outputs quoted are based upon a mean water temperature in the radiator of 70°C and a room temperature of 20°C At 50k.
For other operating conditions refer to the table of correction factors on page 4.

Further lengths are possible by joining sections.

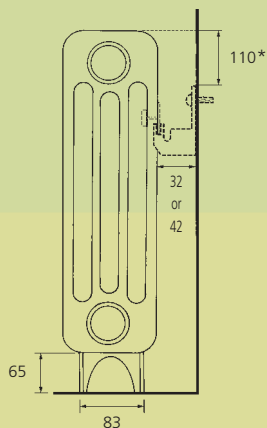
Bracketry

Bracket / Support Requirement

Model	No. Sections	No. Sections	No. Sections
All models	4 to 17	18 to 22	23 to 32
Feet/mounts/clamps	2 of each	3 of each	4 of each
Mounts/clamps	4 of each	6 of each	8 of each

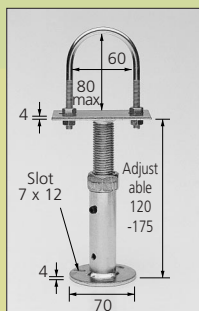


Bracket, Clamp and Cast Iron Foot

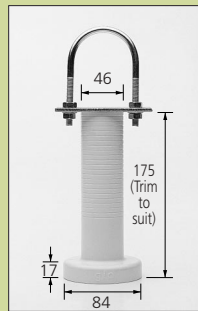


*Recommended Fixing Height

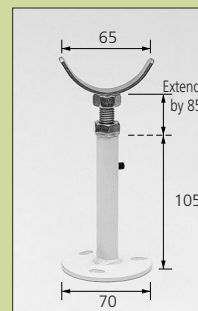
Cast Iron Floor Bracket and Clamp



Free Standing MP



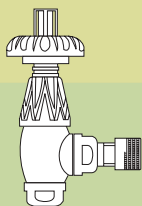
Cover for MP (Finish RAL 9001)



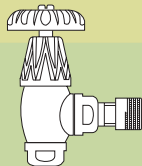
Floor Support MP1

Chartwell Valves

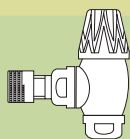
Chartwell valves are available in 15mm, 15mm TRV, 1/2" - 3/4" BSP manual



TRV

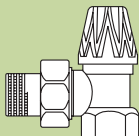
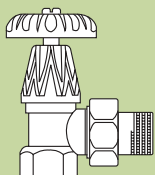


Manual



Lockshield

Chartwell 3/4" BSP Valves (manual only)



For a full selection of valves see the MHS Valves brochure.

Water Treatment

These products are for use on closed heating systems only; they are not suitable for installation on secondary HWS circuits.

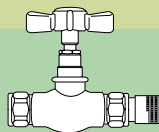
On completion of the installation the entire system MUST be thoroughly cleaned and flushed to remove debris/flux residues etc. If a chemical cleanser is used, it must be thoroughly flushed from the system. Following this, the system MUST be dosed with a good eminence water treatment to prevent corrosion. System design, flushing and dosing must be in accordance with BS 5449: 1990, BS EN 12828: 2003 and BS 7593: 1992

IMPORTANT: Failure to observe these requirements will render the guarantee on the product void.

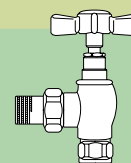
Corrosion inhibitor must be used in accordance with the manufacturer's instructions and recommendations and should take into account the particular metals within the system.

Belgravia Valves

Belgravia valves are available in 15mm connection sizes. (Wheelhead and Lockshield valves have the same dimensional detail)



Straight Valve



Angled Valve

Correction Factor Table

Δt	CF
60	1.267
59	1.240
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

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 MHS 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.

IMPORTANT NOTE: Do not Powdercoat this product.



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