Burlington

Timeless and elegant cast iron column radiators

Features and Benefits

- *Designed for period properties and traditional furnishing styles*
- *Choice of ½", ¾" and 1" connections*
- *Delivered to site assembled in lengths up to 15 sections*
- *Supplied as standard in Black Primer finish or it can be fully factory painted by MHS to many RAL or BS colour finishes (additional costs apply)*
- *Optional Chartwell brass valves available*
- *Supplied with plugs, bushes and vents*
- *Ten-year guarantee against manufacturing defects*

Models: Available in up to 40 sections
Outputs: 408 – 5,444 Watts
Maximum working pressure: 6 bar (water tested to 7.8 bar max)
Height: 838mm
Depth: 214mm
Lengths: 228 – 3,040mm
Types: Floor standing

EN EUROPEAN NORM 442

10 TEN YEAR WARRANTY

Burlington

The classically styled Burlington cast iron column radiator combines the elegance of a bygone era with high efficiency space heating.

To relive the style and elegance of a bygone era you do not need to compromise on heating efficiency. The scrolled relief patterned Burlington may possess the aesthetic qualities necessary to compliment the traditional property, but its performance is second to none, making it a match for the most modern - looking radiator.

Some models are also available as fully sealed thermostaticaly controlled electric only operation, see table opposite.

Finished in Moss Green RAL 6005

The Burlington is the preferred choice for traditionally styled new build or refurbished period properties, where it can replace outdated or antique radiators with minimum disruption to the fabric of the building or the existing pipework.

Supplied in a single height of 838mm assembled Burlington radiators can be supplied to site in lengths up to 15 sections. Further sections may be assembled on site for longer finished radiators.

For a wholly authentic period finish the Burlington can be supplied with traditionally styled Chartwell brass valves in 15mm or 3/4" BSP connections or any valve from the MHS collection.

The Burlington is supplied in Black Primer finish as standard, or it can be refinished to many other RAL or BS colours at an additional cost.

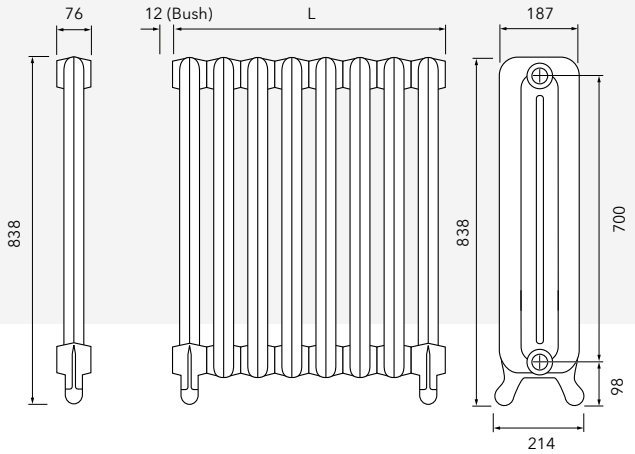
Please Remember: Never powdercoat this product.

Radiators come complete with plugs, bushes and vents with 1/2" BBOE connections as standard with a choice of 1/2", 3/4" or 1" with TBOE and TBSE connections to be specified, with a maximum working pressure of 6 bar and a 10 year guarantee against manufacturing defects.

Single Section Output/Dimensions

Height	**H**	838
Centres	**C**	700
Section Width	**W**	76
Depth	**D**	214
Water volume per section	**Lit**	2.9
Dry weight per section	**kg**	12.2
Output EN442 - Δt 50°C	**Watts**	136.1
BS EN442 per sect.	**Btu/hr**	464
Output EN442 - Δt 55.5°C	**Watts**	155.8
BS EN442 per sect.	**Btu/hr**	531
Output EN442 - Δt 60°C	**Watts**	172.4
BS EN442 per sect.	**Btu/hr**	588
Max delivered assembled lengths		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
3 Section	228	408
4 Section	304	544
5 Section	380	680
6 Section	456	816
7 Section	532	952
8 Section	608	1088
9 Section	684	1224
10 Section	760	1361

Sections	L - Length mm	Output
11 Section	836	1497
12 Section	912	1633
13 Section	988	1769
14 Section	1064	1905
* 15 Section	1140	2041
17 Section	1292	2313
19 Section	1444	2585
21 Section	1596	2858

To convert Watts to Btus X 3.412

*Maximum deliverable lengths, further lengths are possible by joining sections on site (make up tool required).

Important note: Do not powder coat this product.

Shown here in Ultramarine RAL5002

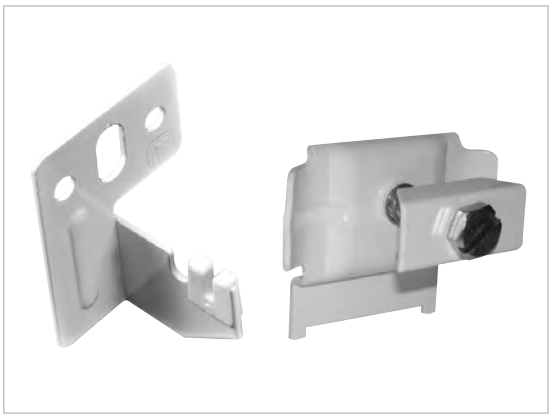
Radiator Valves

Brass Chartwell
15mm Valve

Brass Chartwell
15mm TRV valve

Chrome Belgravia
15mm Valve

Bracket & Clamp



Note: For additional stability and safety it is strongly recommended that a wall tie (available from MHS Radiators) is fitted to each radiator.

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 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.

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.

ISO 9001 REGISTERED FIRM
URS CERTIFICATE NO.75710

ISO 14001 REGISTERED FIRM
URS CERTIFICATE NO.07571

OHSAS 18001 REGISTERED FIRM
URS CERTIFICATE NO.07571

EURONORM EN 442

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