

Blenheim

Overview

The Blenheim is made from cast iron and supplied in Umber Grey Primer as standard that requires over painting, with painted finishes available on request. The Blenheim radiator has a maximum working pressure of 6 bar (7.8 bar test). Feet and wall ties are supplied as standard. All radiators are supplied with 1/2" bsp-f

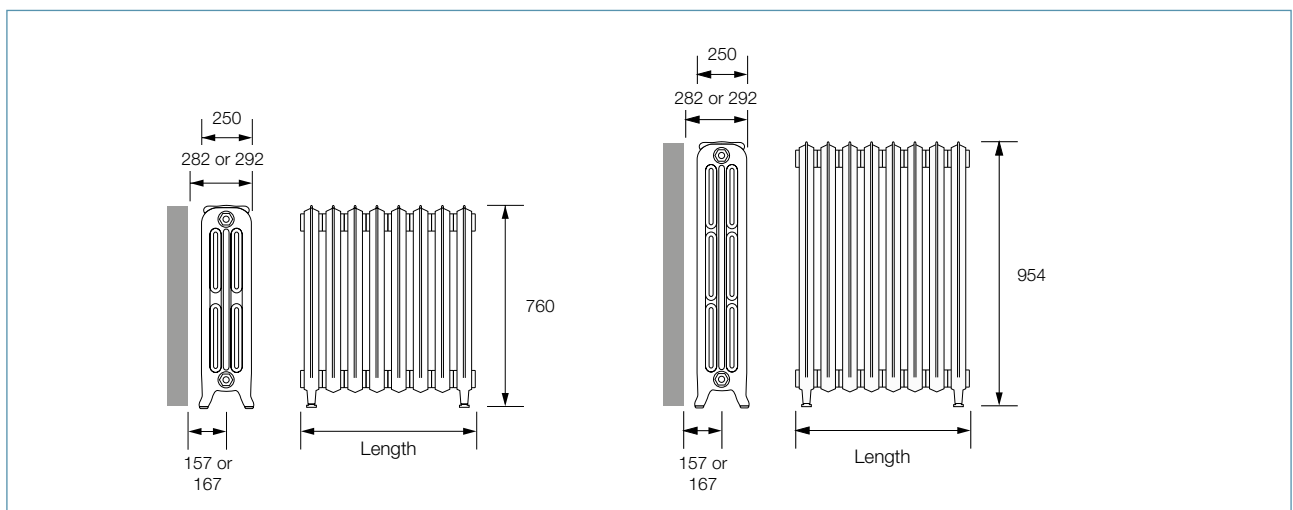
(BBOE) connections, 3/4" or 1" connections, while TBOE or TBSE connections are also available (to be specified at time of order). The Blenheim radiator carries a 10-year guarantee against manufacturing defects.

Features

- Types - 3 Column
- Material - Cast iron
- Finish - Primer (Umber Grey)
- Heights - 760 & 954mm
- Widths - Modular
- Depths - 250mm
- Pressure - 6 bar (7.8 bar test)
- Warranty - 10 years



760mm high model shown here in Light Old Penny finish with Nostalgia brass thermostatic valves and traditional brass pipe sleeves.



Blenheim

Technical



Technical info per section

	Scrolled Model BLS 760	Scrolled Model BLS 954
Height with foot (mm)	760	954
Watts Δt 50°C	180	219
Weight (kg)	12.50	16.50
Water content (litres)	3.00	3.50
Maximum factory built sections #	15	10

A joining tool is required for on-site assembly for longer lengths than the factory maximum number of sections.

Size/model availability

Sections	Width (mm) excluding bushes	Scrolled Model BLS 760	Scrolled Model BLS 954
		Output Watts Δt 50°C	
3	234	540	657
4	312	720	876
5	390	900	1095
6	468	1080	1314
7	546	1260	1533
8	624	1440	1752
9	702	1620	1971
10	780	1800	2190
11	858	1980	2409
12	936	2160	2628
13	1014	2340	2847
14	1092	2520	3066
15	1170	2700	3285
16	1248	2880	3504
17	1326	3060	3723
18	1404	3240	3942
19	1482	3420	4161
20	1560	3600	4380
21	1638	3780	4599
22	1716	3960	4818
23	1794	4140	5037
24	1872	4320	5256
25	1950	4500	5475
26	2028	4680	5694
27	2106	4860	5913
28	2184	5040	6132
29	2262	5220	6351
30	2340	5400	6570
31	2418	5580	6789
32	2496	5760	7008
33	2574	5940	7227
34	2652	6120	7446
35	2730	6300	7665
36	2808	6480	7884
37	2886	6660	8103
38	2964	6840	8322
39	3042	7020	8541
40	3120	7200	8760

Sectional Radiators

Assembly Instructions



Please note that these photographs show MHS Clasico radiators, these instructions are also applicable to other MHS sectional type radiators.

1



Place the radiator sections to be joined onto a clean, firm and flat surface, ensuring that the machined faces and internal threads are perfectly flat and clean.

Each radiator section has right and left hand threaded connections on its opposing sides. The nipples also have right and left hand threads. For assembly you will need to identify and match their correct orientations.

For each assembly there are 2 joints to be made. Each joint requires one nipple and one gasket. The nipple key is used to tighten the joint via the indents internally in the nipple.

2



*Note: **Smooth end of nipple = right hand thread**, look into the radiator header, the prior nipples edge will help you orientate your jointing nipple correctly.*

Screw by half to one turn a pair of nipples into one end of the radiator assembly (as above).

Place a gasket over each nipple, approximately at the mid-point of the nipple.

DO NOT apply any jointing paste or tapes (e.g. Boss White, PTFE, hemp etc) to the gasket, threads of the nipples or the bushes of the radiator.

3



Slide the second radiator block up to the nipples, ensuring that the section/thread orientations are all correct.

Lay the nipple key over the top of the radiator so that the head is in line with the indents of the nipple to be turned. Mark the key shaft so that when it is inserted, the head aligns with the indents inside the nipple. Slide the key in from the open end of the waterway until it engages into the lugs of the nipple that is to be tightened.

Pull the section blocks together on initial tightening.

By turning the nipple key, rotate the nipple so that it pulls the two radiator assemblies together.

4



IMPORTANT: At this stage only rotate the nipple by one turn then repeat this operation with the other nipple. Repeat both of these operations in turn, gradually pulling the two radiator assemblies together, ensuring they are pulled up in parallel.

Finally, tighten the joints to fully compress the gaskets.

Minimum final torque Clasico, Burlington, Ionic & Liberty 200Nm Decoral and Multisec 140Nm

Notes: Do not excessively exceed these values. Water test only, do not air test.

Finally firmly tighten all bushes c/w gaskets into the left or right handed threaded ports.