

Shown 660mm high

Manor Cast Iron Radiator

An ornate cast iron radiator with flowing Celtic detail cast down every section, standing on gently splayed feet. Hand built in England and made to order in your choice of finish, in three heights from 4 to 40 sections.

Heights	Sections	Style	Section Width	Depth
460, 660 and 760mm	**4 to 40**	**Ornate**	**71 to 71.5mm**	**185mm, 210mm at the feet**

Floor To Lower Tapping	Working Pressure	Test Pressure	Heat Outputs	Tapping Centres
110mm at every height	**2.5 bar maximum**	**3.3 bar**	**Delta T30, T50 and T60, BS EN442**	**Height less 160mm**

Heights At A Glance

Height	Tapping Centres	Floor To Top Tapping	10 Sections : Delta T50	Page
460mm	300mm	410mm	2,413 BTU	3
660mm	500mm	610mm	3,505 BTU	4
760mm	600mm	710mm	3,936 BTU	5

Every height compared : page 2 **Ordering and care : page 6**

Good To Know

10 Year Guarantee
On every radiator.

Hand Built In England
Made to order in your finish.

Free Delivery
On orders of £1,000 or more, to a date you choose.

Choose Your Size : Every Height At Delta T50

1 Measure The Space

Find the length that fits under the window or along the wall. Lengths include the bush ends.

2 Find The Heat You Need

Read along the row to the height that gives the BTU or watts your room needs. Our website's BTU calculator works it out.

3 Open That Height's Page

It has Delta T60 outputs, weight, water content and the drawing with its tapping heights.

Delta T is the difference between the average water temperature in the radiator and the room temperature. Our website shows Delta T50.

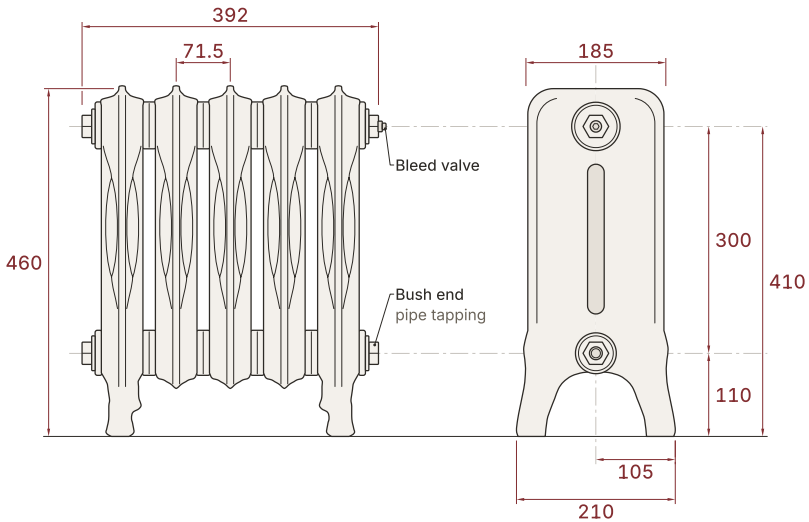
Sections	460mm Length mm	460mm BTU	460mm Watts	660mm Length mm	660mm BTU	660mm Watts	760mm Length mm	760mm BTU	760mm Watts
4	320	**965**	283	318	**1,402**	411	318	**1,574**	461
5	392	**1,207**	354	389	**1,753**	514	389	**1,968**	577
6	463	**1,448**	424	460	**2,103**	616	460	**2,362**	692
7	535	**1,689**	495	531	**2,454**	719	531	**2,755**	808
8	606	**1,931**	566	602	**2,804**	822	602	**3,149**	923
9	678	**2,172**	637	673	**3,155**	925	673	**3,542**	1,038
10	749	**2,413**	707	744	**3,505**	1,027	744	**3,936**	1,154
11	821	**2,655**	778	815	**3,856**	1,130	815	**4,330**	1,269
12	892	**2,896**	849	886	**4,206**	1,233	886	**4,723**	1,384
13	964	**3,137**	919	957	**4,557**	1,335	957	**5,117**	1,500
14	1,035	**3,379**	990	1,028	**4,907**	1,438	1,028	**5,511**	1,615
15	1,107	**3,620**	1,061	1,099	**5,258**	1,541	1,099	**5,904**	1,730
16	1,178	**3,861**	1,132	1,170	**5,608**	1,644	1,170	**6,298**	1,846
17	1,250	**4,103**	1,202	1,241	**5,959**	1,746	1,241	**6,691**	1,961
18	1,321	**4,344**	1,273	1,312	**6,309**	1,849	1,312	**7,085**	2,076
19	1,393	**4,585**	1,344	1,383	**6,660**	1,952	1,383	**7,479**	2,192
20	1,464	**4,827**	1,415	1,454	**7,010**	2,055	1,454	**7,872**	2,307
21	1,536	**5,068**	1,485	1,525	**7,361**	2,157	1,525	**8,266**	2,423
22	1,607	**5,309**	1,556	1,596	**7,711**	2,260	1,596	**8,659**	2,538
23	1,679	**5,551**	1,627	1,667	**8,062**	2,363	1,667	**9,053**	2,653
24	1,750	**5,792**	1,698	1,738	**8,412**	2,466	1,738	**9,447**	2,769
25	1,822	**6,033**	1,768	1,809	**8,763**	2,568	1,809	**9,840**	2,884
26	1,893	**6,275**	1,839	1,880	**9,113**	2,671	1,880	**10,234**	2,999
27	1,965	**6,516**	1,910	1,951	**9,464**	2,774	1,951	**10,627**	3,115
28	2,036	**6,757**	1,980	2,022	**9,814**	2,876	2,022	**11,021**	3,230
29	2,108	**6,999**	2,051	2,093	**10,165**	2,979	2,093	**11,415**	3,345
30	2,179	**7,240**	2,122	2,164	**10,515**	3,082	2,164	**11,808**	3,461
31	2,251	**7,481**	2,193	2,235	**10,866**	3,185	2,235	**12,202**	3,576
32	2,322	**7,723**	2,263	2,306	**11,216**	3,287	2,306	**12,595**	3,692
33	2,394	**7,964**	2,334	2,377	**11,567**	3,390	2,377	**12,989**	3,807
34	2,465	**8,205**	2,405	2,448	**11,918**	3,493	2,448	**13,383**	3,922
35	2,537	**8,447**	2,476	2,519	**12,268**	3,596	2,519	**13,776**	4,038
36	2,608	**8,688**	2,546	2,590	**12,619**	3,698	2,590	**14,170**	4,153
37	2,680	**8,929**	2,617	2,661	**12,969**	3,801	2,661	**14,564**	4,268
38	2,751	**9,171**	2,688	2,732	**13,320**	3,904	2,732	**14,957**	4,384
39	2,823	**9,412**	2,758	2,803	**13,670**	4,006	2,803	**15,351**	4,499
40	2,894	**9,653**	2,829	2,874	**14,021**	4,109	2,874	**15,744**	4,614

460mm High : Sizes, Heat Outputs And Drawing

Sections	Length mm	BTU Delta T30	Watts Delta T30	BTU Delta T50	Watts Delta T50	BTU Delta T60	Watts Delta T60	Weight kg	Water litres
4	320	497	146	**965**	283	1,223	358	25	5.50
5	392	622	182	**1,207**	354	1,529	448	32	6.88
6	463	746	218	**1,448**	424	1,835	538	38	8.25
7	535	870	255	**1,689**	495	2,140	627	44	9.63
8	606	996	292	**1,931**	566	2,446	717	51	11.00
9	678	1,119	328	**2,172**	637	2,752	807	57	12.38
10	749	1,243	364	**2,413**	707	3,058	896	63	13.75
11	821	1,369	401	**2,655**	778	3,363	986	70	15.13
12	892	1,493	438	**2,896**	849	3,669	1,075	76	16.50
13	964	1,616	473	**3,137**	919	3,975	1,165	82	17.88
14	1,035	1,741	510	**3,379**	990	4,281	1,255	89	19.25
15	1,107	1,866	547	**3,620**	1,061	4,586	1,344	95	20.63
16	1,178	1,989	583	**3,861**	1,132	4,892	1,434	101	22.00
17	1,250	2,115	620	**4,103**	1,202	5,198	1,523	108	23.38
18	1,321	2,238	656	**4,344**	1,273	5,504	1,613	114	24.75
19	1,393	2,362	692	**4,585**	1,344	5,810	1,703	121	26.13
20	1,464	2,488	729	**4,827**	1,415	6,115	1,792	127	27.50
21	1,536	2,612	765	**5,068**	1,485	6,421	1,882	133	28.88
22	1,607	2,735	802	**5,309**	1,556	6,727	1,972	140	30.25
23	1,679	2,860	838	**5,551**	1,627	7,033	2,061	146	31.63
24	1,750	2,985	875	**5,792**	1,698	7,338	2,151	152	33.00
25	1,822	3,108	911	**6,033**	1,768	7,644	2,240	159	34.38
26	1,893	3,234	948	**6,275**	1,839	7,950	2,330	165	35.75
27	1,965	3,357	984	**6,516**	1,910	8,256	2,420	171	37.13
28	2,036	3,482	1,020	**6,757**	1,980	8,561	2,509	178	38.50
29	2,108	3,607	1,057	**6,999**	2,051	8,867	2,599	184	39.88
30	2,179	3,731	1,093	**7,240**	2,122	9,173	2,688	190	41.25
31	2,251	3,854	1,130	**7,481**	2,193	9,479	2,778	197	42.63
32	2,322	3,980	1,166	**7,723**	2,263	9,785	2,868	203	44.00
33	2,394	4,104	1,203	**7,964**	2,334	10,090	2,957	209	45.38
34	2,465	4,228	1,239	**8,205**	2,405	10,396	3,047	216	46.75
35	2,537	4,353	1,276	**8,447**	2,476	10,702	3,137	222	48.13
36	2,608	4,476	1,312	**8,688**	2,546	11,008	3,226	228	49.50
37	2,680	4,601	1,348	**8,929**	2,617	11,313	3,316	235	50.88
38	2,751	4,726	1,385	**9,171**	2,688	11,619	3,405	241	52.25
39	2,823	4,850	1,421	**9,412**	2,758	11,925	3,495	247	53.63
40	2,894	4,973	1,458	**9,653**	2,829	12,231	3,585	254	55.00

Lengths include the bush ends and are approximate, as cast iron is made by hand ; each extra section adds 71.5mm. Outputs to BS EN442. Delta T30 is calculated from the tested Delta T50 and T60 figures. Longer lengths on request.

Technical Drawing Scale 1:10 on A4, the same on every height. In mm, approximate.



FRONT VIEW · 5 SECTIONS

END VIEW

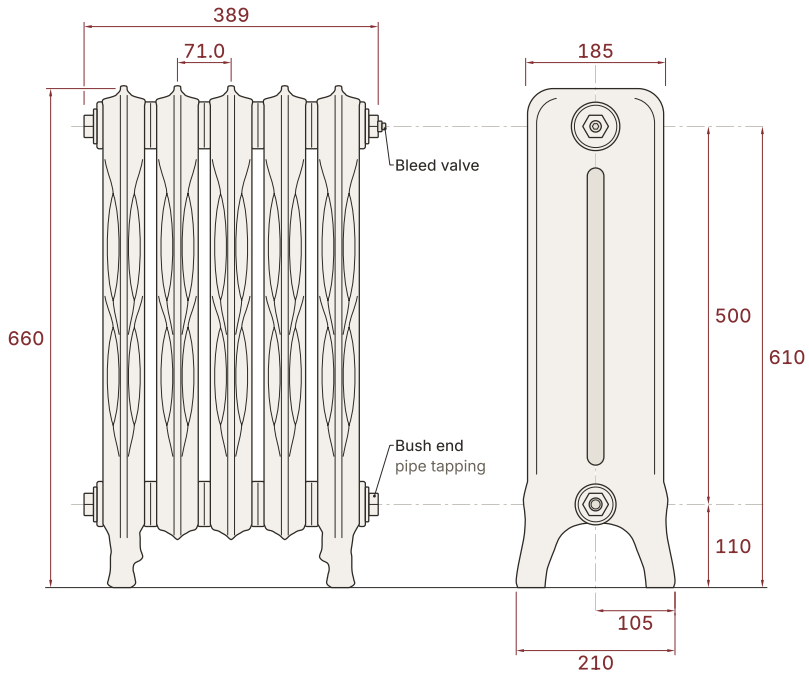
660mm High : Sizes, Heat Outputs And Drawing

Sections	Length mm	BTU Delta T30	Watts Delta T30	BTU Delta T50	Watts Delta T50	BTU Delta T60	Watts Delta T60	Weight kg	Water litres
4	318	723	212	**1,402**	411	1,776	521	38	9.40
5	389	903	265	**1,753**	514	2,221	651	47	11.75
6	460	1,083	317	**2,103**	616	2,665	781	57	14.10
7	531	1,265	371	**2,454**	719	3,109	911	66	16.45
8	602	1,444	423	**2,804**	822	3,553	1,041	75	18.80
9	673	1,626	477	**3,155**	925	3,997	1,171	85	21.15
10	744	1,806	529	**3,505**	1,027	4,441	1,302	94	23.50
11	815	1,988	582	**3,856**	1,130	4,885	1,432	104	25.85
12	886	2,167	635	**4,206**	1,233	5,329	1,562	113	28.20
13	957	2,349	688	**4,557**	1,335	5,773	1,692	123	30.55
14	1,028	2,529	741	**4,907**	1,438	6,217	1,822	132	32.90
15	1,099	2,709	794	**5,258**	1,541	6,662	1,952	141	35.25
16	1,170	2,889	847	**5,608**	1,644	7,106	2,083	151	37.60
17	1,241	3,071	900	**5,959**	1,746	7,550	2,213	160	39.95
18	1,312	3,250	953	**6,309**	1,849	7,994	2,343	170	42.30
19	1,383	3,432	1,006	**6,660**	1,952	8,438	2,473	179	44.65
20	1,454	3,612	1,059	**7,010**	2,055	8,882	2,603	188	47.00
21	1,525	3,793	1,112	**7,361**	2,157	9,326	2,733	198	49.35
22	1,596	3,973	1,164	**7,711**	2,260	9,770	2,863	207	51.70
23	1,667	4,155	1,218	**8,062**	2,363	10,214	2,994	217	54.05
24	1,738	4,335	1,271	**8,412**	2,466	10,658	3,124	226	56.40
25	1,809	4,515	1,323	**8,763**	2,568	11,103	3,254	236	58.75
26	1,880	4,695	1,376	**9,113**	2,671	11,547	3,384	245	61.10
27	1,951	4,876	1,429	**9,464**	2,774	11,991	3,514	254	63.45
28	2,022	5,056	1,482	**9,814**	2,876	12,435	3,644	264	65.80
29	2,093	5,238	1,535	**10,165**	2,979	12,879	3,775	273	68.15
30	2,164	5,418	1,588	**10,515**	3,082	13,323	3,905	283	70.50
31	2,235	5,599	1,641	**10,866**	3,185	13,767	4,035	292	72.85
32	2,306	5,779	1,694	**11,216**	3,287	14,211	4,165	301	75.20
33	2,377	5,961	1,747	**11,567**	3,390	14,655	4,295	311	77.55
34	2,448	6,142	1,800	**11,918**	3,493	15,099	4,425	320	79.90
35	2,519	6,321	1,853	**12,268**	3,596	15,544	4,556	330	82.25
36	2,590	6,503	1,906	**12,619**	3,698	15,988	4,686	339	84.60
37	2,661	6,682	1,958	**12,969**	3,801	16,432	4,816	349	86.95
38	2,732	6,864	2,012	**13,320**	3,904	16,876	4,946	358	89.30
39	2,803	7,044	2,064	**13,670**	4,006	17,320	5,076	367	91.65
40	2,874	7,225	2,117	**14,021**	4,109	17,764	5,206	377	94.00

Lengths include the bush ends and are approximate, as cast iron is made by hand ; each extra section adds 71mm. Outputs to BS EN442. Delta T30 is calculated from the tested Delta T50 and T60 figures. Longer lengths on request.

Technical Drawing

Scale 1:10 on A4, the same on every height. In mm, approximate.

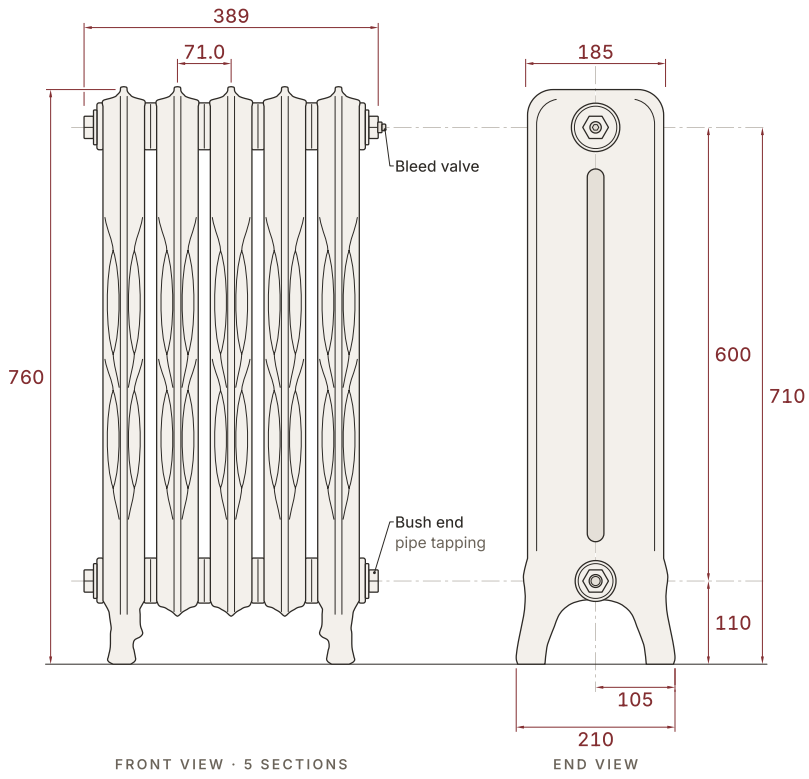


760mm High : Sizes, Heat Outputs And Drawing

Sections	Length mm	BTU Delta T30	Watts Delta T30	BTU Delta T50	Watts Delta T50	BTU Delta T60	Watts Delta T60	Weight kg	Water litres
4	318	810	237	**1,574**	461	1,995	585	41	9.60
5	389	1,013	297	**1,968**	577	2,494	731	52	12.00
6	460	1,218	357	**2,362**	692	2,992	877	62	14.40
7	531	1,419	416	**2,755**	808	3,491	1,023	72	16.80
8	602	1,622	476	**3,149**	923	3,990	1,169	83	19.20
9	673	1,825	535	**3,542**	1,038	4,488	1,315	93	21.60
10	744	2,028	595	**3,936**	1,154	4,987	1,462	103	24.00
11	815	2,231	654	**4,330**	1,269	5,486	1,608	114	26.40
12	886	2,434	713	**4,723**	1,384	5,984	1,754	124	28.80
13	957	2,637	773	**5,117**	1,500	6,483	1,900	134	31.20
14	1,028	2,840	832	**5,511**	1,615	6,982	2,046	145	33.60
15	1,099	3,041	891	**5,904**	1,730	7,481	2,192	155	36.00
16	1,170	3,246	951	**6,298**	1,846	7,979	2,339	165	38.40
17	1,241	3,447	1,010	**6,691**	1,961	8,478	2,485	175	40.80
18	1,312	3,650	1,070	**7,085**	2,076	8,977	2,631	186	43.20
19	1,383	3,855	1,130	**7,479**	2,192	9,475	2,777	196	45.60
20	1,454	4,056	1,189	**7,872**	2,307	9,974	2,923	206	48.00
21	1,525	4,259	1,249	**8,266**	2,423	10,473	3,069	217	50.40
22	1,596	4,462	1,308	**8,659**	2,538	10,971	3,216	227	52.80
23	1,667	4,665	1,367	**9,053**	2,653	11,470	3,362	237	55.20
24	1,738	4,868	1,427	**9,447**	2,769	11,969	3,508	248	57.60
25	1,809	5,070	1,486	**9,840**	2,884	12,468	3,654	258	60.00
26	1,880	5,274	1,545	**10,234**	2,999	12,966	3,800	268	62.40
27	1,951	5,475	1,605	**10,627**	3,115	13,465	3,946	279	64.80
28	2,022	5,678	1,664	**11,021**	3,230	13,964	4,093	289	67.20
29	2,093	5,883	1,724	**11,415**	3,345	14,462	4,239	299	69.60
30	2,164	6,084	1,783	**11,808**	3,461	14,961	4,385	310	72.00
31	2,235	6,287	1,843	**12,202**	3,576	15,460	4,531	320	74.40
32	2,306	6,490	1,902	**12,595**	3,692	15,958	4,677	330	76.80
33	2,377	6,693	1,962	**12,989**	3,807	16,457	4,823	341	79.20
34	2,448	6,896	2,021	**13,383**	3,922	16,956	4,969	351	81.60
35	2,519	7,098	2,080	**13,776**	4,038	17,455	5,116	361	84.00
36	2,590	7,302	2,140	**14,170**	4,153	17,953	5,262	372	86.40
37	2,661	7,505	2,199	**14,564**	4,268	18,452	5,408	382	88.80
38	2,732	7,706	2,259	**14,957**	4,384	18,951	5,554	392	91.20
39	2,803	7,911	2,318	**15,351**	4,499	19,449	5,700	403	93.60
40	2,874	8,112	2,377	**15,744**	4,614	19,948	5,846	413	96.00

Lengths include the bush ends and are approximate, as cast iron is made by hand ; each extra section adds 71mm. Outputs to BS EN442. Delta T30 is calculated from the tested Delta T50 and T60 figures. Longer lengths on request.

Technical Drawing Scale 1:10 on A4, the same on every height. In mm, approximate.



Finishes, Ordering And Care

Finishes

Every radiator is finished to order. Choose from our signature colours, traditional paint colours, antiqued and highlight paint effects, or a hand polished finish.

Hand polished finishes are priced per finish. Colour samples are available, and the sample charge is refunded when you order your radiator.

Made To Order

Hand built in England and made to order. Painted radiators take 4 to 6 weeks and hand polished finishes 6 to 8 weeks.

Delivery And Guarantee

Free delivery on orders of £1,000 or more, booked on a date that suits you. We deliver to Great Britain only. Every radiator carries our 10 year guarantee.

Valves And Accessories

Choose valves, wall stays, air vents and bush ends with your radiator on our website, so everything arrives together and matched to your finish.

Before You Fit

The radiator stands on its own feet. Check the floor can carry the filled weight, which is the radiator's weight plus about 1kg for every litre of water. Both are shown on each height's page.

We recommend fitting by a qualified heating engineer. Maximum working pressure 2.5 bar ; tested to 3.3 bar.

Visit Our Showroom

See our radiators finished and fitted in Brentwood. Open Monday to Friday from 9am to 5pm by appointment, and Saturdays from 10am to 2pm with no appointment needed.

When You Order

1 Height And Sections
Or the length that fits and the heat the room needs.

2 Finish
Your colour, or a hand polished finish.

3 Valves And Accessories
Valves, wall stays, air vents and bush ends.

4 Delivery Date
A date that suits you.



Front, 660mm High



End, 660mm High



760mm High



460mm High

Call
01277 717 174

Email
sales@castironradiatorcompany.co.uk

Online
castironradiatorcompany.co.uk

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The Cast Iron Radiator Company
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Brentwood, Essex CM14 4BN