

Shown 750mm high

Elizabeth Cast Iron Radiator

A two column cast iron radiator with broad smooth sections, finished with small scrolled details at the top and above its curled feet. Hand built in England and made to order in your choice of finish, in two heights from 4 to 40 sections.

Heights	Sections	Columns	Section Width	Depth
450 and 750mm	**4 to 40**	**2**	**76.6 to 77.6mm**	**122mm, 147mm at the feet**

Floor To Lower Tapping	Working Pressure	Test Pressure	Heat Outputs	Tapping Centres
100mm at every height	**2.5 bar maximum**	**3.3 bar**	**Delta T30, T50 and T60, BS EN442**	**Height less 150mm**

Heights At A Glance

Height	Tapping Centres	Floor To Top Tapping	10 Sections : Delta T50	Page
450mm	300mm	400mm	1,856 BTU	3
750mm	600mm	700mm	3,030 BTU	4

Every height compared : page 2 **Ordering and care : page 5**

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	450mm Length mm	450mm BTU	450mm Watts	750mm Length mm	750mm BTU	750mm Watts
4	344	**742**	218	340	**1,212**	355
5	422	**928**	272	417	**1,515**	444
6	500	**1,114**	326	494	**1,818**	533
7	577	**1,299**	381	570	**2,121**	622
8	655	**1,485**	435	647	**2,424**	710
9	732	**1,671**	490	723	**2,727**	799
10	810	**1,856**	544	800	**3,030**	888
11	888	**2,042**	598	877	**3,333**	977
12	965	**2,227**	653	953	**3,636**	1,066
13	1,043	**2,413**	707	1,030	**3,939**	1,154
14	1,120	**2,599**	762	1,106	**4,242**	1,243
15	1,198	**2,784**	816	1,183	**4,545**	1,332
16	1,276	**2,970**	870	1,260	**4,848**	1,421
17	1,353	**3,155**	925	1,336	**5,151**	1,510
18	1,431	**3,341**	979	1,413	**5,454**	1,598
19	1,508	**3,527**	1,034	1,489	**5,757**	1,687
20	1,586	**3,712**	1,088	1,566	**6,060**	1,776
21	1,664	**3,898**	1,142	1,643	**6,363**	1,865
22	1,741	**4,083**	1,197	1,719	**6,666**	1,954
23	1,819	**4,269**	1,251	1,796	**6,969**	2,042
24	1,896	**4,455**	1,306	1,872	**7,272**	2,131
25	1,974	**4,640**	1,360	1,949	**7,575**	2,220
26	2,052	**4,826**	1,414	2,026	**7,878**	2,309
27	2,129	**5,012**	1,469	2,102	**8,181**	2,398
28	2,207	**5,197**	1,523	2,179	**8,484**	2,486
29	2,284	**5,383**	1,578	2,255	**8,787**	2,575
30	2,362	**5,568**	1,632	2,332	**9,090**	2,664
31	2,440	**5,754**	1,686	2,409	**9,393**	2,753
32	2,517	**5,940**	1,741	2,485	**9,696**	2,842
33	2,595	**6,125**	1,795	2,562	**9,999**	2,930
34	2,672	**6,311**	1,850	2,638	**10,302**	3,019
35	2,750	**6,496**	1,904	2,715	**10,604**	3,108
36	2,828	**6,682**	1,958	2,792	**10,907**	3,197
37	2,905	**6,868**	2,013	2,868	**11,210**	3,286
38	2,983	**7,053**	2,067	2,945	**11,513**	3,374
39	3,060	**7,239**	2,122	3,021	**11,816**	3,463
40	3,138	**7,425**	2,176	3,098	**12,119**	3,552

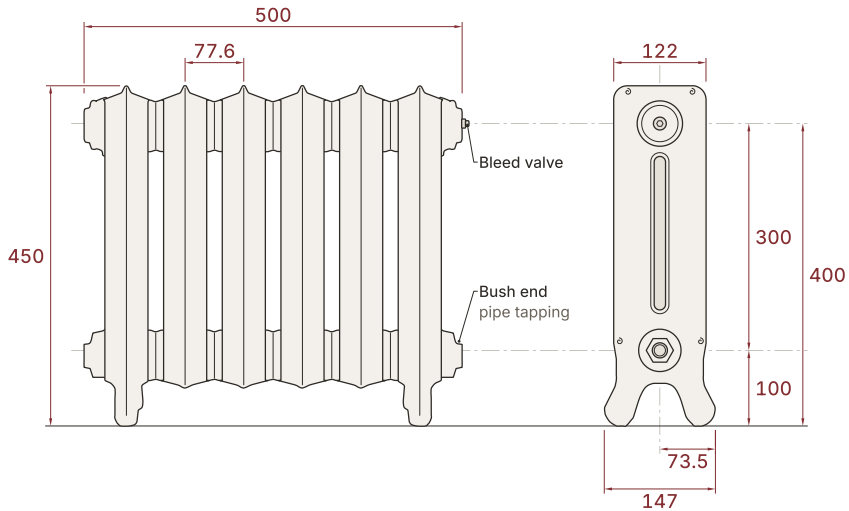
450mm High : Sizes, Heat Outputs And Drawing

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	344	381	112	**742**	218	941	276	19	4.00
5	422	478	140	**928**	272	1,176	345	24	5.00
6	500	575	168	**1,114**	326	1,411	414	29	6.00
7	577	669	196	**1,299**	381	1,646	482	33	7.00
8	655	766	224	**1,485**	435	1,881	551	38	8.00
9	732	861	253	**1,671**	490	2,117	620	43	9.00
10	810	956	280	**1,856**	544	2,352	689	48	10.00
11	888	1,052	308	**2,042**	598	2,587	758	52	11.00
12	965	1,147	336	**2,227**	653	2,822	827	57	12.00
13	1,043	1,244	364	**2,413**	707	3,057	896	62	13.00
14	1,120	1,340	393	**2,599**	762	3,292	965	67	14.00
15	1,198	1,434	420	**2,784**	816	3,528	1,034	71	15.00
16	1,276	1,530	448	**2,970**	870	3,763	1,103	76	16.00
17	1,353	1,625	476	**3,155**	925	3,998	1,172	81	17.00
18	1,431	1,722	504	**3,341**	979	4,233	1,241	86	18.00
19	1,508	1,818	533	**3,527**	1,034	4,468	1,310	90	19.00
20	1,586	1,913	561	**3,712**	1,088	4,703	1,378	95	20.00
21	1,664	2,008	588	**3,898**	1,142	4,939	1,447	100	21.00
22	1,741	2,103	617	**4,083**	1,197	5,174	1,516	105	22.00
23	1,819	2,200	645	**4,269**	1,251	5,409	1,585	110	23.00
24	1,896	2,296	673	**4,455**	1,306	5,644	1,654	114	24.00
25	1,974	2,391	701	**4,640**	1,360	5,879	1,723	119	25.00
26	2,052	2,487	729	**4,826**	1,414	6,114	1,792	124	26.00
27	2,129	2,583	757	**5,012**	1,469	6,350	1,861	129	27.00
28	2,207	2,677	785	**5,197**	1,523	6,585	1,930	133	28.00
29	2,284	2,774	813	**5,383**	1,578	6,820	1,999	138	29.00
30	2,362	2,869	841	**5,568**	1,632	7,055	2,068	143	30.00
31	2,440	2,965	869	**5,754**	1,686	7,290	2,137	148	31.00
32	2,517	3,062	897	**5,940**	1,741	7,525	2,206	152	32.00
33	2,595	3,155	925	**6,125**	1,795	7,761	2,275	157	33.00
34	2,672	3,252	953	**6,311**	1,850	7,996	2,343	162	34.00
35	2,750	3,347	981	**6,496**	1,904	8,231	2,412	167	35.00
36	2,828	3,443	1,009	**6,682**	1,958	8,466	2,481	171	36.00
37	2,905	3,540	1,038	**6,868**	2,013	8,701	2,550	176	37.00
38	2,983	3,633	1,065	**7,053**	2,067	8,937	2,619	181	38.00
39	3,060	3,730	1,093	**7,239**	2,122	9,172	2,688	186	39.00
40	3,138	3,826	1,121	**7,425**	2,176	9,407	2,757	190	40.00

Lengths include the bush ends and are approximate, as cast iron is made by hand ; each extra section adds 77.6mm. 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 · 6 SECTIONS

END VIEW

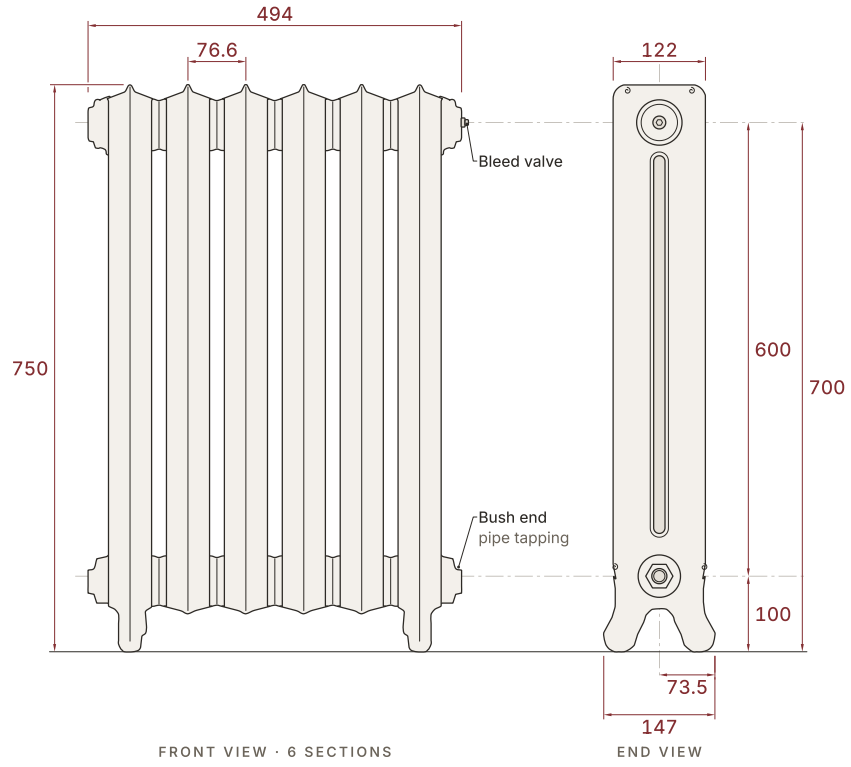
750mm High : Sizes, Heat Outputs And Drawing

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	340	624	183	**1,212**	355	1,536	450	37	6.80
5	417	781	229	**1,515**	444	1,919	563	47	8.50
6	494	937	275	**1,818**	533	2,303	675	56	10.20
7	570	1,093	321	**2,121**	622	2,687	788	66	11.90
8	647	1,249	366	**2,424**	710	3,071	900	75	13.60
9	723	1,405	412	**2,727**	799	3,455	1,013	84	15.30
10	800	1,561	458	**3,030**	888	3,839	1,125	94	17.00
11	877	1,717	503	**3,333**	977	4,223	1,238	103	18.70
12	953	1,873	549	**3,636**	1,066	4,607	1,350	112	20.40
13	1,030	2,030	595	**3,939**	1,154	4,990	1,463	122	22.10
14	1,106	2,187	641	**4,242**	1,243	5,374	1,575	131	23.80
15	1,183	2,343	687	**4,545**	1,332	5,758	1,688	140	25.50
16	1,260	2,499	732	**4,848**	1,421	6,142	1,800	150	27.20
17	1,336	2,655	778	**5,151**	1,510	6,526	1,913	159	28.90
18	1,413	2,811	823	**5,454**	1,598	6,910	2,025	169	30.60
19	1,489	2,967	869	**5,757**	1,687	7,294	2,138	178	32.30
20	1,566	3,123	915	**6,060**	1,776	7,678	2,250	187	34.00
21	1,643	3,279	961	**6,363**	1,865	8,062	2,363	197	35.70
22	1,719	3,436	1,007	**6,666**	1,954	8,445	2,475	206	37.40
23	1,796	3,592	1,052	**6,969**	2,042	8,829	2,588	215	39.10
24	1,872	3,748	1,098	**7,272**	2,131	9,213	2,700	225	40.80
25	1,949	3,904	1,144	**7,575**	2,220	9,597	2,813	234	42.50
26	2,026	4,060	1,190	**7,878**	2,309	9,981	2,925	243	44.20
27	2,102	4,216	1,236	**8,181**	2,398	10,365	3,038	253	45.90
28	2,179	4,372	1,281	**8,484**	2,486	10,749	3,150	262	47.60
29	2,255	4,528	1,327	**8,787**	2,575	11,133	3,263	271	49.30
30	2,332	4,685	1,373	**9,090**	2,664	11,516	3,375	281	51.00
31	2,409	4,841	1,419	**9,393**	2,753	11,900	3,488	290	52.70
32	2,485	4,997	1,465	**9,696**	2,842	12,284	3,600	300	54.40
33	2,562	5,153	1,510	**9,999**	2,930	12,668	3,713	309	56.10
34	2,638	5,309	1,556	**10,302**	3,019	13,052	3,825	318	57.80
35	2,715	5,463	1,601	**10,604**	3,108	13,436	3,938	328	59.50
36	2,792	5,619	1,647	**10,907**	3,197	13,820	4,050	337	61.20
37	2,868	5,775	1,693	**11,210**	3,286	14,204	4,163	346	62.90
38	2,945	5,931	1,738	**11,513**	3,374	14,588	4,275	356	64.60
39	3,021	6,088	1,784	**11,816**	3,463	14,971	4,388	365	66.30
40	3,098	6,244	1,830	**12,119**	3,552	15,355	4,500	374	68.00

Lengths include the bush ends and are approximate, as cast iron is made by hand ; each extra section adds 76.6mm. 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 · 6 SECTIONS

END VIEW

Finishes, Ordering And Care

Finishes

Every radiator is finished to order. Choose from our signature colours, traditional paint colours and antiqued 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.



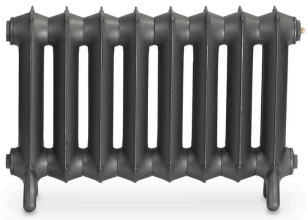
Front, 750mm High



End, 750mm High



450mm High



Front, 450mm High

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.

Call
01277 717 174

Email
sales@castironradiatorcompany.co.uk

Online
castironradiatorcompany.co.uk

Showroom
The Cast Iron Radiator Company
5-7 Coptfold Road
Brentwood, Essex CM14 4BN