

zehnder *charleston*



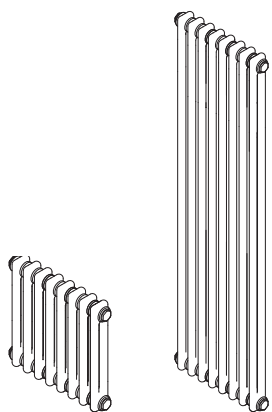
The Zehnder Charleston multi-column design is equally at home in modern environments, and is available in a wide range of stocked horizontal and vertical models, or made-to-measure, including angled and curved.



Lambswool brush



Valves: see page 118



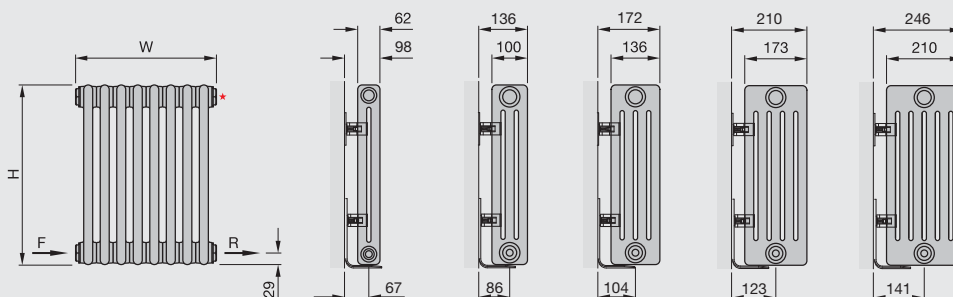
Central Heating Model Stock	Height mm (H)	Width mm (W)	No. of sections	Finish	Output $\Delta T=60K$ Watts/btu	Output $\Delta T=50K$ Watts/btu (EN 442)	Weight kg	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Charleston Vertical									
M2180 -06	1800	306	6	white	948/3216	744/2538	16.4	£250	£300.00
M2180 -08	1800	398	8	white	1264/4288	992/3384	21.9	£284	£340.80
M2180 -10	1800	490	10	white	1580/5360	1240/4230	27.3	£352	£422.40
M2180 -12	1800	582	12	white	1896/6432	1488/5076	32.8	£466	£559.20
Zehnder Charleston Horizontal									
M2050-10	500	490	10	white	479/1634	384/1310	7.9	£194	£232.80
M2050-14	500	674	14	white	671/2289	538/1836	11.0	£220	£264.00
M2050-18	500	858	18	white	862/2943	691/2360	14.2	£286	£343.20
M2060-10	600	490	10	white	565/1928	453/1546	9.5	£209	£250.80
M2060-14	600	674	14	white	790/2695	634/2163	13.3	£224	£268.80
M2060-18	600	858	18	white	1016/3467	815/2781	17.1	£297	£356.40
M2060-22	600	1042	22	white	1243/4241	997/3402	20.9	£303	£363.60
M2060-24	600	1134	24	white	1368/4656	1080/3672	22.8	£330	£396.00
M2060-28	600	1318	28	white	1596/5432	1260/4284	26.6	£385	£462.00
M3050-14	500	674	14	white	900/3071	722/2463	16.6	£238	£285.60
M3050-18	500	858	18	white	1158/3951	929/3170	21.4	£313	£375.60
M3050-22	500	1042	22	white	1415/4828	1135/3873	26.2	£330	£396.00
M3050-26	500	1226	26	white	1673/5708	1342/4579	30.9	£449	£538.80
M3050-30	500	1410	30	white	1930/6585	1548/5282	35.7	£536	£643.20
M3060-10	600	490	10	white	1060/3617	609/2078	13.9	£219	£262.80
M3060-14	600	674	14	white	1065/3634	853/2910	19.4	£251	£301.20
M3060-18	600	858	18	white	1369/4671	1096/3740	24.9	£316	£379.20
M3060-20	600	950	20	white	1540/5260	1220/4160	27.7	£393	£471.60
M3060-24	600	1134	24	white	1848/6312	1464/4992	33.2	£421	£505.20
M3060-30	600	1410	30	white	2282/7786	1827/6234	41.6	£538	£645.60
M3075-14	750	674	14	white	1299/4432	1040/3548	24.3	£309	£370.80
M3075-22	750	1042	22	white	2042/6967	1635/5579	38.2	£459	£550.80
M3075-26	750	1226	26	white	2413/8233	1932/6592	45.1	£570	£684.00
M4030-20	300	950	20	white	1060/3617	840/2860	21.3	£327	£392.40
M4030-30	300	1410	30	white	1590/5430	1260/4290	32.0	£490	£588.00
M4060-14	600	674	14	white	1397/4767	1117/3811	27.3	£276	£331.20
M4060-18	600	858	18	white	1796/6128	1436/4900	35.1	£344	£412.80
M4060-20	600	950	20	white	2020/6900	1600/5460	39.0	£394	£472.80
M4060-24	600	1134	24	white	2424/8280	1920/6552	46.8	£472	£566.40
M4075-14	750	674	14	white	1706/5821	1364/4654	33.6	£350	£420.00
M4075-18	750	858	18	white	2193/7483	1753/5981	43.2	£433	£519.60
M4075-22	750	1042	22	white	2681/9148	2143/7312	52.8	£528	£633.60
M4075-26	750	1226	26	white	3168/10809	2532/8639	62.5	£641	£769.20

Max working pressure: 10 bar

Colour finish: Standard colours from the Zehnder colour chart: white + 25%. Colour finish and non-stock products delivery: 15-20 working days.

Accessories			
Model		RRP (ex VAT)	RRP (inc 20% VAT)
8100601020	Lambswool cleaning brush	£45	£54.00
Adjustable feet (height 100 to 150mm)			
X10920	white	£27	£32.40
X10920 + colour code	colour	£34	£40.80
Additional Towel Rails			
8100966018	Charleston towel bar 368mm	£114	£136.80
8100966028	Charleston towel bar 918mm	£127	£152.40

*1/2" air vent
† width excludes air vent
F = flow
R = return
Tube: Vertical \varnothing 25mm



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Available as made-to-measure, the Zehnder Charleston multicolumn is a classic design radiator equally at home in modern environments. It is available in a wide range of stocked vertical and horizontal models including angled and curved.



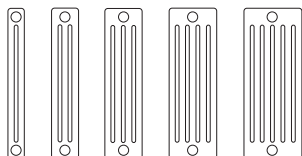
made-to-measure



Curved or angled
made to order



Feet options
see page 61



Model code	Height (mm)	Weight per column (kg)	Output 50ΔT Watts/BTU	Output 60ΔT Watts/BTU	RRP (ex VAT)
Zehnder Charleston - 2 column					
2019	177	0.3	15/51	18/61	£15.31
2030	292	0.5	24/81	30/102	£16.07
2040	392	0.6	31/106	39/133	£16.34
2045	442	0.7	35/119	44/150	£16.73
2050	492	0.8	39/133	48/164	£17.12
2055	542	0.8	42/143	53/181	£17.33
2060	592	0.9	45/153	57/194	£17.53
2075	742	1.2	55/188	69/235	£18.96
2090	892	1.4	64/218	80/273	£20.63
2100	992	1.5	70/239	87/297	£21.38
2120	1192	1.8	83/624	104/355	£23.86
2150	1492	2.3	104/355	131/447	£30.32
2180	1792	2.7	124/423	158/536	£34.87
2200	1992	2.9	138/471	175/597	£37.96
2220	2192	3.2	151/515	192/652	£44.52
2250	2492	3.7	171/583	217/737	£50.25
2280	2792	4.1	189/645	240/815	£57.23
2300	2992	4.4	201/686	255/867	£60.73

Model code	Height (mm)	Weight per column (kg)	Output 50ΔT Watts/BTU	Output 60ΔT Watts/BTU	RRP (ex VAT)
Zehnder Charleston - 3 column					
3019	185	0.5	20/68	25/85	£16.38
3030	300	0.7	32/109	40/136	£17.04
3035	350	0.9	37/126	47/160	£18.14
3040	400	1.0	42/143	53/181	£18.15
3045	450	1.1	47/160	59/201	£18.53
3050	500	1.2	52/177	65/222	£18.92
3055	550	1.3	56/191	71/242	£19.25
3060	600	1.4	61/208	77/263	£19.57
3075	750	1.7	74/252	94/321	£21.95
3090	900	2.0	87/297	110/375	£24.35
3100	1000	2.3	95/324	120/409	£25.41
3120	1200	2.7	115/392	146/498	£33.51
3150	1500	3.3	140/478	178/607	£43.34
3180	1800	4.2	166/566	212/723	£53.48
3200	2000	4.6	183/624	233/795	£56.32
3220	2200	4.9	200/682	254/867	£64.22
3250	2500	5.5	225/768	286/976	£73.77
3280	2800	6.1	251/856	318/1085	£82.79
3300	3000	6.6	269/918	341/1163	£89.59

Model code	Height (mm)	Weight per column (kg)	Output 50ΔT Watts/BTU	Output 60ΔT Watts/BTU	RRP (ex VAT)
Zehnder Charleston - 4 column					
4019	200	0.8	29/98	36/123	£18.56
4030	300	1.1	42/143	53/181	£19.05
4035	350	1.2	49/167	61/208	£20.16
4040	400	1.3	55/188	69/235	£20.56
4045	450	1.5	61/208	77/263	£21.36
4050	500	1.6	68/232	85/290	£21.57
4055	550	1.8	74/252	93/317	£22.39
4060	600	2.0	80/273	101/345	£22.46
4075	750	2.4	98/334	123/420	£25.94
4090	900	2.8	114/389	144/491	£31.19
4100	1000	3.1	125/427	158/539	£33.68
4120	1200	3.7	147/502	186/635	£42.15
4150	1500	4.6	180/614	229/781	£56.75
4180	1800	5.4	213/727	272/928	£68.03
4200	2000	6.3	234/798	298/1017	£76.00
4220	2200	6.7	256/873	326/1112	£83.56
4250	2500	7.6	289/986	367/1252	£94.89
4280	2800	8.4	323/1102	409/1396	£108.28
4300	3000	9.0	345/1177	437/1491	£115.78

Model code	Height (mm)	Weight per column (kg)	Output 50ΔT Watts/BTU	Output 60ΔT Watts/BTU	RRP (ex VAT)
Zehnder Charleston - 5 column					
5019	200	1.0	35/119	44/150	£24.65
5030	300	1.3	52/176	65/222	£24.69
5040	400	1.7	68/232	85/290	£25.77
5045	450	1.9	76/258	95/324	£27.79
5050	500	2.1	84/285	105/358	£28.10
5055	550	2.2	91/311	115/392	£28.80
5060	600	2.4	99/336	124/423	£29.49
5075	750	3.0	120/409	152/519	£31.57
5090	900	3.5	141/481	179/611	£37.73
5100	1000	3.8	154/525	195/665	£40.60
5120	1200	4.6	179/610	227/775	£54.27
5150	1500	5.7	219/747	279/952	£73.18
5180	1800	6.9	259/883	330/1126	£84.53
5200	2100	7.8	285/972	363/1239	£96.94
5220	2200	8.4	312/1064	397/1355	£106.33
5250	2500	9.3	352/1200	447/1525	£120.62
5280	2800	10.5	392/1337	497/1696	£146.89
5300	3000	11.2	420/1432	532/1815	£157.27

Model code	Height (mm)	Weight per column (kg)	Output 50ΔT Watts/BTU	Output 60ΔT Watts/BTU	RRP (ex VAT)
Zehnder Charleston - 6 column					
6019	200	1.2	42/142	52/177	£29.83
6030	300	1.6	61/209	77/263	£30.08
6035	350	1.8	71/242	89/304	£32.17
6040	400	2.0	81/275	102/348	£32.54
6045	450	2.3	90/306	113/386	£32.71
6050	500	2.5	99/338	125/427	£32.86
6055	550	2.7	108/368	136/464	£33.76
6060	600	2.9	117/399	148/505	£34.64
6075	750	3.6	143/488	181/618	£41.62
6090	900	4.2	167/569	212/723	£46.93
6100	1000	4.7	183/624	232/792	£50.56
6120	1200	5.6	210/716	267/911	£67.38
6150	1500	6.8	256/873	326/1112	£84.53

Selection example:

Output required: approximately 1000 watts
Dimensions required: approximately 600H x 900L
Formula: (No. of sections x 46) + 30
Calculation: 900 - 30 divided by 46 = 19 sections
1000 w divided by 19 section = approx 53 watts/section
Radiator selection: 3050 = 65 watts/section
65 x 19 section = 65 watts 1235 watts (60Δt)
Price calculation: 19 x £18.92 = £359.80 plus vat




Dimensions:

Nominal overall length = (No. of sections x 46) + 30
(Manufacturing tolerance of ± 0.6 mm per section).

Please note: We only supply complete radiators.

These sections cannot be joined to our stock range of radiators.

The number of sections/length is virtually unlimited. Practicality regarding weights, handling and accessibility should be taken into consideration. Large radiators may be supplied in modules to be assembled on site.

Foot support options (wall brackets included as standard)				
Model	No of Feet	RRP (ex VAT)	RRP (inc VAT)	
Welded-on fixed (150mm) or adjustable (120-170mm) feet supplied with cover plate				
	1 - 20 sections	2	£55	£66.00
	21 - 40 sections	3	£82	£98.40
	41 - 60 sections	4	£109	£130.80
Welded-on traditional foot (100mm)				
	1 - 23 sections	2	£76	£91.20
	24 - 41 sections	3	£113	£135.60
	42 - 58 sections	4	£152	£182.40
Adjustable foot				
	X10920 white	1	£27	£32.40
	X10920 colour	1	£34	£40.80
Must always be used with wall brackets				

Colour finish: Standard colours from the Zehnder colour chart: white + 25%.

Delivery: White and Colour finish: 15-20 working days.