



VAPORO

STYLISH HEATING SOLUTIONS



# Compact Radiators

STERLING

[www.vaporosolutions.com](http://www.vaporosolutions.com)



# Compact Radiators

Creating a comfortable living space starts with reliable, efficient heating.

At Vaporo Solutions, we know how important warmth is to making your home feel just right. That's why we're proud to offer our range of compact radiators.

More than just a way to heat your home, our compact radiators are designed with practicality in mind. Their clean, simple design fits easily into any room, providing a smart solution for spaces of all sizes.

Choosing the right radiator for your space is essential. Our range includes multiple sizes so you can find the perfect match for a small bedroom, a large living area or a home office.

Say goodbye to bulky, outdated heating systems. Our compact radiators offer powerful performance without taking over the room.

Despite their slim profile, these radiators deliver fast, consistent warmth. There's no need to trade comfort for space – with Vaporo, you get both.

We understand that investing in a heating solution is a long-term decision. That's why our compact radiators are built to last, using quality materials and precision engineering.

With the added reassurance of Vaporo's 10-year warranty, you can count on our radiators to keep your home warm for years to come.



# Compact Pricelist

# Single Type T1



Height	Code	Size	Type	Watts	BTU @ Delta T50	Price EXC VAT	Price INC VAT
300	VC31110	300x1000	T11	550	1875	£81.16	£97.39
	VC31120	300x2000	T11	1099	3747	£129.80	£155.76
400	VC41108	400x800	T11	566	1930	£80.12	£96.14
	VC41109	400x900	T11	636	2167	£86.24	£103.49
	VC41110	400x1000	T11	707	2412	£90.36	£108.43
	VC41112	400x1200	T11	849	2893	£101.40	£121.68
	VC41114	400x1400	T11	989	3371	£112.44	£134.93
	VC41116	400x1600	T11	1130	3853	£124.16	£148.99
	VC41118	400x1800	T11	1271	4335	£133.84	£160.61
	VC51104	500x400	T11	341	1164	£45.93	£55.12
500	VC51105	500x500	T11	427	1456	£51.65	£61.98
	VC51106	500x600	T11	513	1748	£59.97	£71.96
	VC51107	500x700	T11	598	2040	£65.89	£79.07
	VC51108	500x800	T11	684	2332	£69.66	£83.59
	VC51109	500x900	T11	769	2623	£75.39	£90.47
	VC51110	500x1000	T11	856	2919	£93.04	£111.65
	VC51111	500x1100	T11	942	3211	£103.20	£123.84
	VC51112	500x1200	T11	1026	3499	£111.76	£134.11
	VC51113	500x1300	T11	1112	3791	£119.44	£143.33
	VC51114	500x1400	T11	1197	4083	£124.52	£149.20
	VC51115	500x1500	T11	1283	4375	£131.88	£158.26
	VC51116	500x1600	T11	1369	4667	£137.92	£165.50
	VC51118	500x1800	T11	1540	5250	£149.28	£179.14
	VC51120	500x2000	T11	1710	5831	£164.32	£197.18

Speak to us today if you have any questions:

 [info@vaporosolutions.com](mailto:info@vaporosolutions.com)  
 [028 8673 8088](tel:02886738088)

Height	Code	Size	Type	Watts	BTU @ Delta T50	Price EXC VAT	Price INC VAT
600	VC61104	600x400	T11	399	1361	£68.04	£81.65
	VC61105	600x500	T11	499	1700	£77.32	£92.78
	VC61106	600x600	T11	598	2040	£82.40	£98.88
	VC61107	600x700	T11	700	2386	£91.24	£109.49
	VC61108	600x800	T11	799	2726	£96.88	£116.26
	VC61109	600x900	T11	899	3065	£105.40	£126.48
	VC61110	600x1000	T11	999	3408	£111.12	£133.34
	VC61111	600x1100	T11	1059	3613	£121.21	£145.45
	VC61112	600x1200	T11	1156	3941	£128.28	£153.94
	VC61114	600x1400	T11	1349	4598	£146.25	£175.50
700	VC71104	700x400	T11	461	1573	£78.25	£93.90
	VC71105	700x500	T11	576	1966	£88.92	£106.70
	VC71106	700x600	T11	692	2360	£94.76	£113.71
	VC71107	700x700	T11	807	2753	£104.93	£125.92
	VC71108	700x800	T11	923	3146	£111.41	£133.69
	VC71109	700x900	T11	1038	3540	£121.21	£145.45
	VC71110	700x1000	T11	1154	3934	£127.79	£153.35
	VC71111	700x1100	T11	1269	4327	£139.39	£167.27
	VC71112	700x1200	T11	1384	4720	£147.52	£177.02
	VC71114	700x1400	T11	1615	5507	£168.19	£201.83
900	VC71116	700x1600	T11	1846	6294	£188.73	£226.48
	VC71118	700x1800	T11	2076	7080	£207.75	£249.30
	VC71120	700x2000	T11	2307	7868	£230.62	£276.74
900	VC91104	900x400	T11	546	1861	£85.08	£102.10
	VC91105	900x500	T11	683	2328	£98.72	£118.46
	VC91106	900x600	T11	819	2791	£106.36	£127.63

Always ensure comparisons are carried out @ Delta T50

# Compact Pricelist

# Double Type 22



Height	Code	Size	Type	Watts	BTU @ Delta T50	Price EXC VAT	Price INC VAT
300	VC32206	300x600	T22	602	2054	£83.26	£99.91
	VC32208	300x800	T22	803	2737	£100.69	£120.83
	VC32210	300x1000	T22	1098	3744	£113.44	£136.13
	VC32212	300x1200	T22	1129	3855	£129.97	£155.96
	VC32214	300x1400	T22	1405	4791	£146.29	£175.55
	VC32215	300x1500	T22	1648	5619	£155.84	£187.01
	VC32218	300x1800	T22	1806	6159	£186.24	£223.49
	VC32220	300x2000	T22	2198	7495	£196.88	£236.26
	VC32225	300x2500	T22	2509	8556	£308.52	£370.22
400	VC42208	400x800	T22	1118	3813	£111.40	£133.68
	VC42209	400x900	T22	1258	4291	£122.32	£146.78
	VC42210	400x1000	T22	1397	4765	£129.60	£155.52
	VC42212	400x1200	T22	1679	5725	£148.92	£178.70
	VC42214	400x1400	T22	1958	6677	£168.92	£202.70
	VC42216	400x1600	T22	2237	7629	£188.48	£226.18
	VC42218	400x1800	T22	2518	8585	£206.40	£247.68
	VC42220	400x2000	T22	2769	9443	£229.32	£275.18
	VC52204	500x400	T22	502	1711	£81.12	£97.34
500	VC52205	500x500	T22	669	2280	£95.08	£114.10
	VC52206	500x600	T22	836	2850	£102.88	£123.46
	VC52207	500x700	T22	1004	3422	£116.80	£140.16
	VC52208	500x800	T22	1171	3992	£125.32	£150.38
	VC52209	500x900	T22	1338	4561	£138.20	£165.84
	VC52210	500x1000	T22	1505	5134	£146.72	£176.06
	VC52211	500x1100	T22	1672	5703	£160.24	£192.29
	VC52212	500x1200	T22	1839	6272	£169.36	£203.23
	VC52213	500x1300	T22	2006	6841	£183.56	£220.27
	VC52214	500x1400	T22	2175	7418	£192.60	£231.12
	VC52215	500x1500	T22	2342	7987	£205.76	£246.91
	VC52216	500x1600	T22	2509	8556	£215.40	£258.48
	VC52217	500x1700	T22	2677	9129	£227.92	£273.50
	VC52218	500x1800	T22	3011	10267	£236.52	£283.82

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Height	Code	Size	Type	Watts	BTU @ Delta T50	Price EXC VAT	Price INC VAT
500	VC52219	500x1900	T22	3179	10840	£251.44	£301.73
	VC52220	500x2000	T22	3346	11409	£262.60	£315.12
	VC52222	500x2200	T22	3609	12307	£285.90	£343.08
	VC52224	500x2400	T22	3776	12876	£309.20	£371.04
600	VC62204	600x400	T22	771	2631	£91.52	£109.82
	VC62205	600x500	T22	964	3287	£108.12	£129.74
	VC62206	600x600	T22	1158	3948	£117.68	£141.22
	VC62207	600x700	T22	1350	4605	£134.24	£161.09
	VC62208	600x800	T22	1543	5261	£144.48	£173.38
	VC62209	600x900	T22	1736	5918	£160.00	£192.00
	VC62210	600x1000	T22	1929	6579	£170.32	£204.38
	VC62211	600x1100	T22	2122	7235	£186.48	£223.78
	VC62212	600x1200	T22	2315	7896	£197.36	£236.83
	VC62213	600x1300	T22	2508	8554	£211.18	£253.42
	VC62214	600x1400	T22	2700	9206	£225.00	£270.00
	VC62216	600x1600	T22	3086	10523	£252.48	£302.98
700	VC62218	600x1800	T22	3472	11840	£277.92	£333.50
	VC62220	600x2000	T22	3857	13154	£308.52	£370.22
	VC72204	700x400	T22	826	2817	£105.25	£126.30
	VC72205	700x500	T22	1032	3521	£124.34	£149.21
	VC72206	700x600	T22	1239	4225	£135.33	£162.40
	VC72207	700x700	T22	1445	4929	£154.38	£185.26
	VC72208	700x800	T22	1652	5634	£166.15	£199.38
	VC72209	700x900	T22	1859	6338	£188.00	£225.60
	VC72210	700x1000	T22	2065	7043	£195.87	£235.04
	VC72211	700x1100	T22	2272	7746	£214.45	£257.34
	VC72212	700x1200	T22	2478	8451	£226.96	£272.35
	VC72214	700x1400	T22	2892	9860	£258.75	£310.50
900	VC72216	700x1600	T22	3304	11267	£290.35	£348.42
	VC72218	700x1800	T22	3718	12677	£319.61	£383.53
	VC72220	700x2000	T22	4131	14085	£354.80	£425.76
	VC92204	900x400	T22	1026	3499	£126.48	£151.78
	VC92205	900x500	T22	1282	4371	£152.20	£182.64
	VC92206	900x600	T22	1539	5247	£166.88	£200.26

Always ensure comparisons are carried out @ Delta T50

## Technical Data

### Testing & Operating Pressures

Each Vaporo Compact radiator is independently tested for performance and reliability. Units are pressure tested to 13 bar to ensure integrity and durability, exceeding the maximum operating pressure of 10 bar.

Designed and manufactured to meet the highest industry standards, the range delivers consistent, dependable performance under all typical operating conditions.

All models are suitable for use with both direct and indirect (open and closed) central heating systems.

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### Connections

Every radiator is supplied with 4 x  $\frac{1}{2}$ " BSP connections as standard, allowing straightforward and flexible installation across a wide range of heating systems.

### Paint Process

All Vaporo Compact radiators undergo a multi-stage surface preparation and finishing process to ensure superior corrosion resistance and long-term protection. Unless otherwise specified, all models are supplied in Traffic White (RAL 9016).

### Water Treatment

To maintain system efficiency and radiator longevity, it is essential to follow the Code of Practice for the Treatment of Water in Domestic Hot Water Central Heating Systems. Proper system flushing and treatment at the time of installation are vital to prevent corrosion and ensure continued performance.

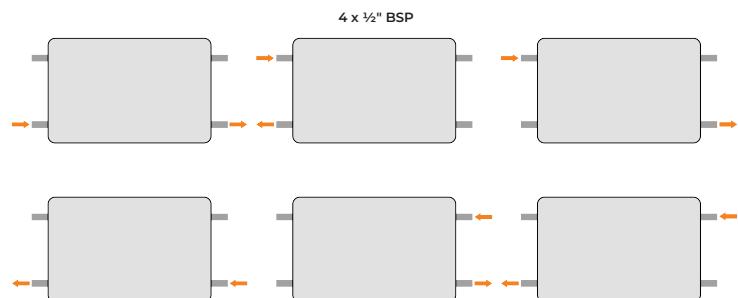
### Warranty

All Vaporo Compact radiators are supplied with a 10-year manufacturer's warranty, providing assurance of quality, durability and long-term reliability.

# Compact



### Connection Options



### Floor Bracket Dimensions

#### Floor brackets for Type 22:

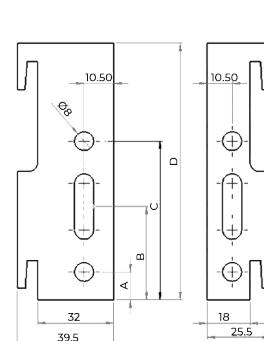
Radiator to wall distance: Any

Maximum load of a single bracket:  
Vertically - 180kg  
Pulling - 35kg

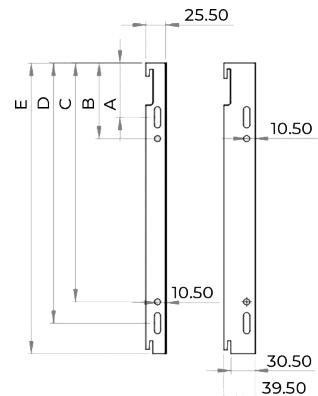
Height 300 - 900mm	
Radiator Length (mm)	Quantity of floor brackets
400 - 1600	2
1800 - 2300	3
2400 - 2600	4

### Wall Bracket Dimensions

300



400-500-600-700-900

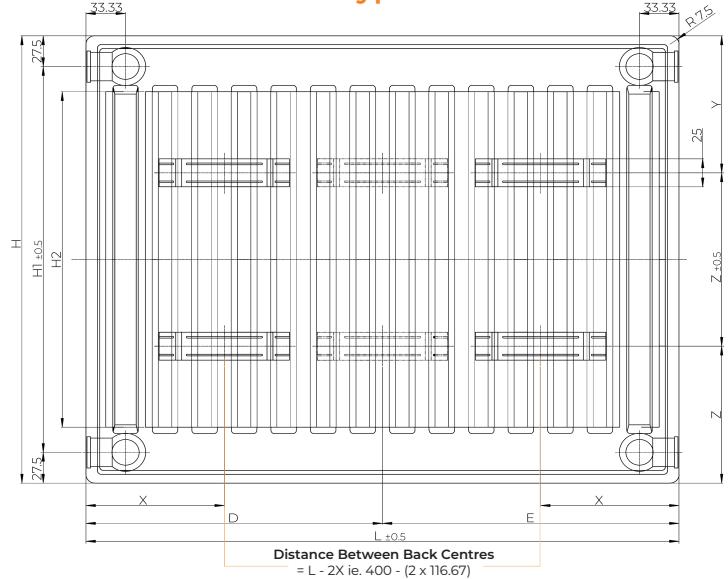


	300	400	500	600	700	900
A	12	70	70	70	70	70
B	40	100	100	100	100	100
C	68	115	215	315	415	615
D	110	145	245	345	445	645
E		181	281	381	481	681

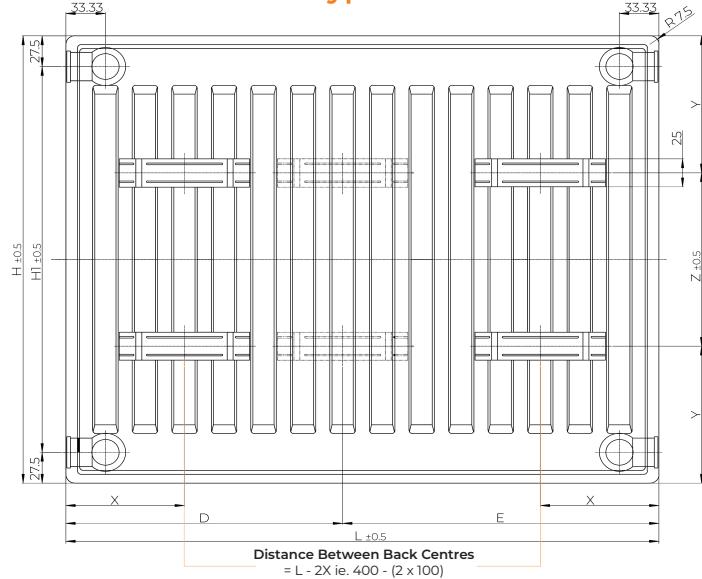
# Technical Data Compact

## Bracket Positions and Dimensions

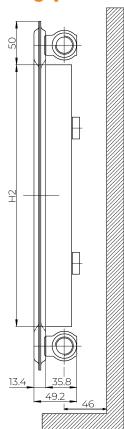
Type 11



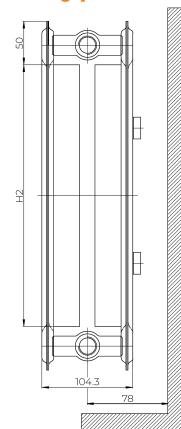
Type 22



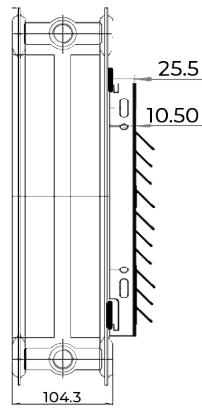
Type 11



Type 22



Type 22 Narrow Side



Length

TYPE 11				
L (mm)	Brackets	X (mm)	D (mm)	E (mm)
400 - 1600	2+2	116.67		
1700	3+3	116.67	850	850
1800	3+3	116.67	883.33	916.67
1900	3+3	116.67	950	950
2000	3+3	116.67	983.33	1016.67
2100	3+3	116.67	1050	1050
2200	3+3	116.67	1083.33	1116.67
2300	3+3	116.67	1150	1150
2400	3+3	116.67	1183.33	1216.67
2500	3+3	116.67	1250	1250

Height

TYPE 11		
H (mm)	Y (mm)	Z (mm)
300	107.5	85
400	122.5	155
500	122.5	255
600	122.5	355
700	122.5	455
900	122.5	655

Length

TYPE 22				
L (mm)	Brackets	X (mm)	D (mm)	E (mm)
400 - 1600	2+2	100		
1700	3+3	100	833.33	866.67
1800	3+3	100	900	900
1900	3+3	100	933.33	966.67
2000	3+3	100	1000	1000
2100	3+3	100	1033.33	1066.67
2200	3+3	100	1100	1100
2300	3+3	100	1133.33	1166.67
2400	3+3	100	1200	1200
2500	3+3	100	1233.33	1266.67

Height

TYPE 22		
H (mm)	Y (mm)	Z (mm)
300	107.5	85
400	122.5	155
500	122.5	255
600	122.5	355
700	122.5	455
900	122.5	655

# Helpful Info BTU & Delta T



## What Size Of Radiator Do I Need?

To ensure your home stays warm and comfortable, it's important to choose a radiator with a heat output that closely matches your room's needs. We recommend selecting a radiator within 10% of your calculated BTU (British Thermal Unit) requirement. If you're unsure, it's better to opt for a slightly larger radiator. An oversized radiator can always be turned down using valves, but a radiator that's too small won't provide sufficient warmth.

## How Do I Choose The Right Radiator?

Radiator output is measured in BTUs, which take into account room size, ceiling height, window area, insulation, and other key factors. This measurement helps determine the level of heat needed to warm your room effectively. To find the right radiator for your space, use our BTU Calculator. By entering a few details about your room, you'll receive a tailored BTU requirement to help you choose a radiator that delivers the perfect balance of warmth and comfort.

## How Do I Calculate The BTUs For My Room?

For the most accurate calculation, we recommend speaking to a qualified plumber or heating engineer. However, our BTU Calculator offers a quick guide. Just remember: the BTU result represents the total output needed for the room, so you may need more than one radiator or towel rail in larger spaces.

## Delta T Conversion

### What is Delta T?

Delta T, or  $\Delta T$ , refers to the difference between the temperature of the water flowing through your central heating system and the ambient room temperature. For example, if the room temperature is 20°C and the average temperature of the water inside the radiator is 70°C, then the Delta T value is 50°C ( $70^\circ\text{C} - 20^\circ\text{C} = 50^\circ\text{C}$ ).

In the UK, Delta T 50°C is the standard measurement used for domestic gas boilers. This benchmark ensures consistency when comparing heat outputs of radiators and towel rails across different manufacturers and product ranges. It allows heating professionals, homeowners, and consumers to make informed and accurate comparisons when selecting heating solutions.

### Delta T Correction Factors (Delta T50°)

A Delta T correction factor helps both end-users and heating professionals determine the actual heat output of a radiator or towel rail when operating at different Delta T values. The calculator above is specifically designed to provide accurate output figures based on an input at Delta T 50°. Alternatively, you can refer to the correction factors listed below, which are also based on the standard Delta T 50° benchmark.

**Example:** If a radiator or towel rail has a heat output of 1000 BTUs at  $\Delta T$  (Delta T) = 50°, its output at a lower  $\Delta T$  will decrease accordingly. For instance, at  $\Delta T$  = 30°, the output would be  $1000 \times 0.51$  (based on the correction factor), resulting in 510 BTUs. At  $\Delta T$  = 40°, using a correction factor of 0.75, the output would be  $1000 \times 0.75$ , giving 750 BTUs.

Delta T	Correction Factors
75°	1.69
70°	1.54
65°	1.41
60°	1.28
55°	1.154
50°	1
45°	0.895
40°	0.767
35°	0.657
30°	0.543
25°	0.433
20°	0.328
15°	0.229
10°	0.12
5°	0.05

# Notes



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