



Galeria

Vertical & Horizontal Designer Radiators



Features and Benefits

- *Open construction – Ideal for glazed areas*
- *Minimalist design – Suitable for domestic and commercial applications*
- *Extensive & comprehensive range of sizes – Capable of fitting narrow spaces*
- *Invisible weld seams – Good looking and built to last*
- *Single or double column rows – Impressive heat outputs*
- *Horizontal and vertical models – Specify from one range*

Models: 247 Vertical, 223 Horizontal

Outputs: 330 - 5510 Watts

Heights: 400 - 900mm (Horizontal), 1000 - 3000mm (Vertical)

Lengths: 540 - 3060mm (Horizontal), 270 - 1260mm (Vertical)

Types: Single / Double



Open construction with exceptional heat outputs

The Galeria from MHS Radiators is a steel flat oval tube radiator available in vertical and horizontal versions, across a wide range of sizes. Radiators benefit from an open construction, allowing them to be installed in front of large window spaces, where they will only partially impede the light.

Tubular construction

The Galeria range benefits from either one or two rows of 57.5 x 10mm vertical steel tubes and 35mm round headers, combining a minimalist look with impressive heat outputs. Radiators are powder-coated RAL 9016 white as standard, with other colours available upon request, ensuring a stylish finish.

Applications

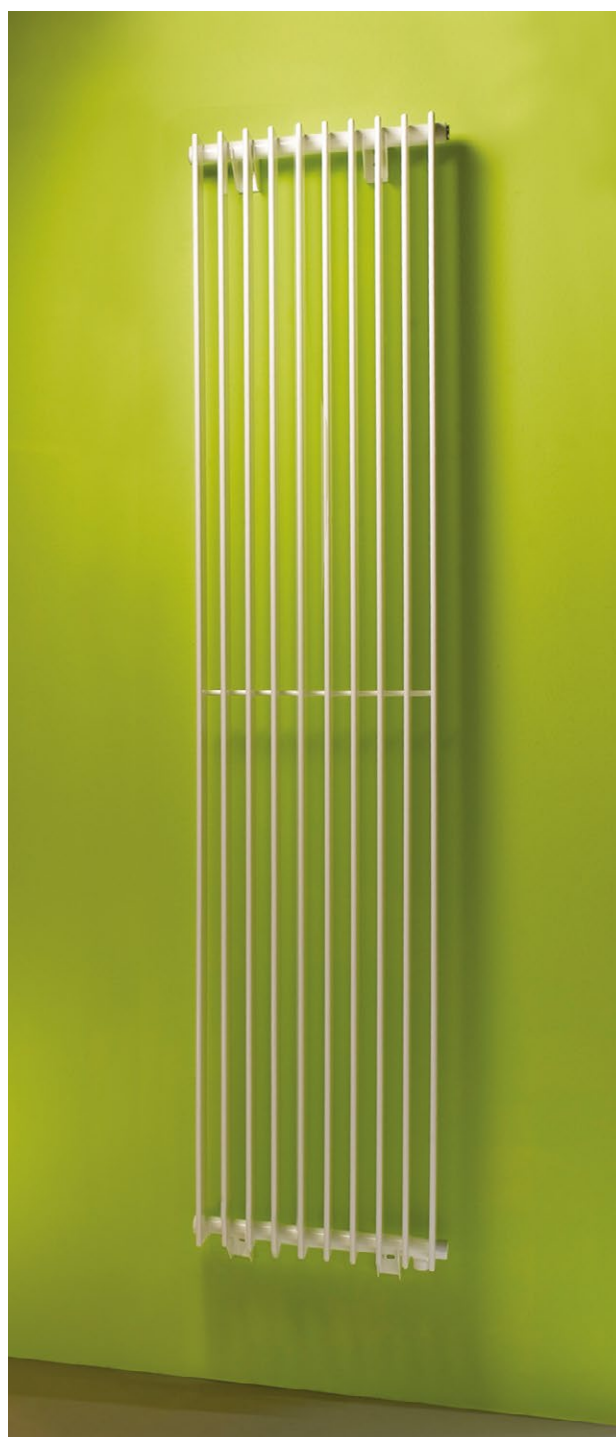
The Galeria's smooth hygienic lines complement a modern home, office or commercial premises, making them ideal for a wide range of applications and spaces - whether they are tall and narrow, or short and long.

Vertical and horizontal models

Galeria is available in both vertical and horizontal models, each providing an array of permutations with single or double rows of tubes.

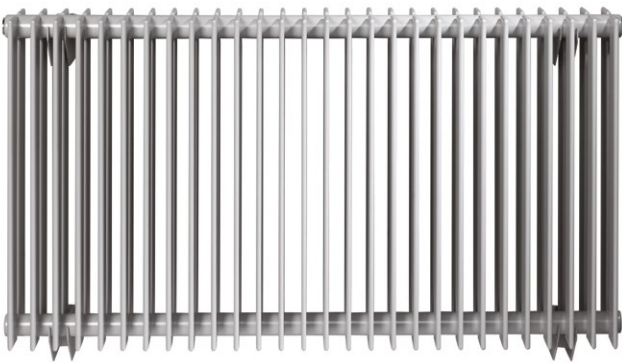
Galeria Vertical radiators can be supplied as a single or double row of tubes.

See page 8 for more information on connections regarding 6 and 8 section radiators.



A high quality range of fixings and accessories

Similarly, the **Galeria Horizontal** can be supplied as a single or double row of tubes.



Each radiator is supplied with wall-hanging brackets as standard, although free-standing options are also available. MHS will also supply free-standing versions with retaining stays.

Galeria boasts seamless welding for a clean look and work at standard operating pressures of 4 bar (5.2 bar test), however higher service pressures of up to 10 bar (13 bar test) can be achieved upon request/specification at an additional cost. The maximum operating temperatures for the Galeria range of radiators is 110°C.

Quality tested

All Galeria radiators are manufactured and tested to BS EN 442 and carry the CE mark, which certifies independent approval of heat output and verifies production under a quality system to BS EN ISO 9001. Each radiator has a 10-year warranty as standard.



Valves

MHS Radiators offers a wide range of high quality valves in styles to suit every application. Please see the website for more options.

Radius

Radius manual
chrome angled



Compatibility

Galeria radiators are compatible with traditional heating systems, including:

- Gas boilers
- Electric boilers

Products can also be connected to low temperature heating systems, such as:

- Ground source heat pumps (GSHP)
- Air source heat pumps (ASHP)
- Biomass installations

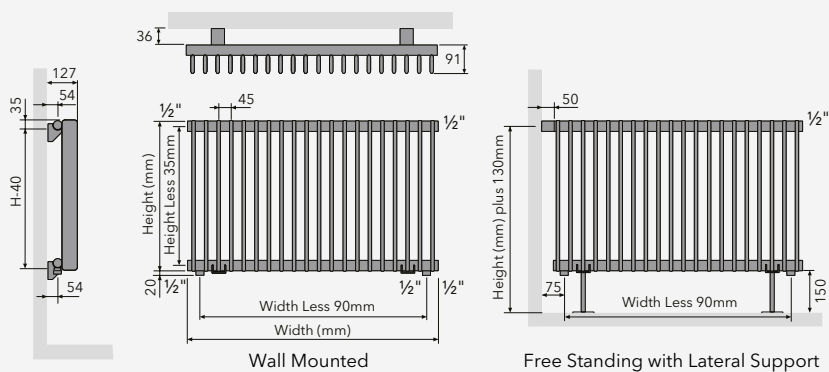
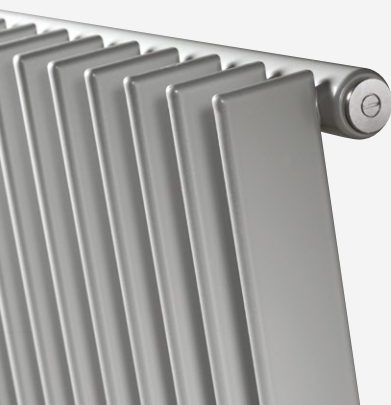
Fixings

Free-standing lateral supports are available for radiators under 1800mm. Alternatively, sets of fixed feet can be used across the range.

Fixings

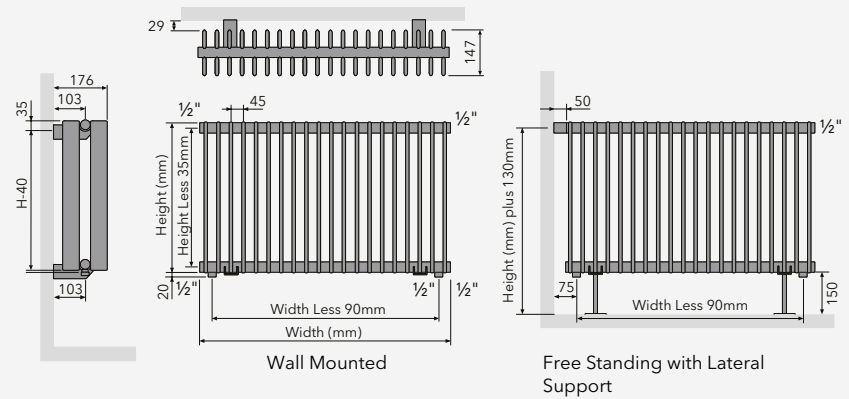
Free-standing lateral supports are available for radiators under 1800mm. Alternatively, sets of fixed feet can be used across the range.





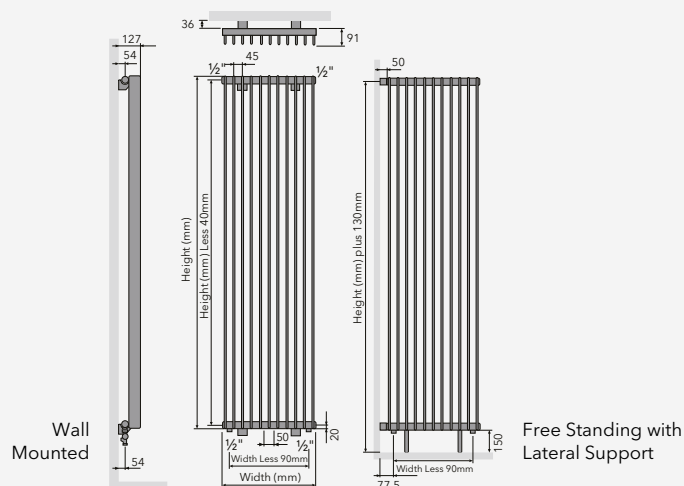
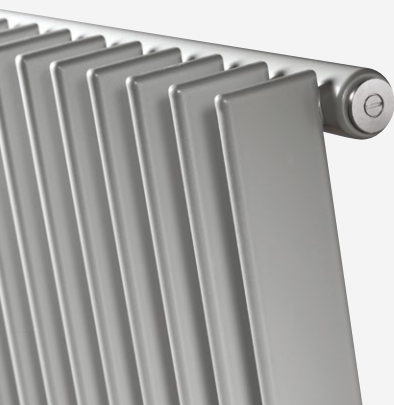
Galería Horizontal Single - Depth 127mm

Sections	Width mm	Heights						
		400mm	500mm	600mm	700mm	800mm	900mm	
12	540	NV1-0400-12	NV1-0500-12	NV1-0600-12	NV1-0700-12	NV1-0800-12	NV1-0900-12	Code
		330	396	460	523	587	651	Output
14	630	NV1-0400-14	NV1-0500-14	NV1-0600-14	NV1-0700-14	NV1-0800-14	NV1-0900-14	Code
		385	461	536	611	685	759	Output
16	720	NV1-0400-16	NV1-0500-16	NV1-0600-16	NV1-0700-16	NV1-0800-16	NV1-0900-16	Code
		440	527	613	698	783	868	Output
18	810	NV1-0400-18	NV1-0500-18	NV1-0600-18	NV1-0700-18	NV1-0800-18	NV1-0900-18	Code
		495	593	690	785	881	976	Output
20	900	NV1-0400-20	NV1-0500-20	NV1-0600-20	NV1-0700-20	NV1-0800-20	NV1-0900-20	Code
		550	659	766	872	978	1084	Output
22	990	NV1-0400-22	NV1-0500-22	NV1-0600-22	NV1-0700-22	NV1-0800-22	NV1-0900-22	Code
		605	725	843	960	1076	1193	Output
24	1080	NV1-0400-24	NV1-0500-24	NV1-0600-24	NV1-0700-24	NV1-0800-24	NV1-0900-24	Code
		660	791	920	1047	1174	1301	Output
26	1170	NV1-0400-26	NV1-0500-26	NV1-0600-26	NV1-0700-26	NV1-0800-26	NV1-0900-26	Code
		716	857	996	1134	1272	1410	Output
28	1260	NV1-0400-28	NV1-0500-28	NV1-0600-28	NV1-0700-28	NV1-0800-28	NV1-0900-28	Code
		771	923	1073	1221	1370	1518	Output
32	1440	NV1-0400-32	NV1-0500-32	NV1-0600-32	NV1-0700-32	NV1-0800-32	NV1-0900-32	Code
		881	1055	1226	1396	1565	1735	Output
36	1620	NV1-0400-36	NV1-0500-36	NV1-0600-36	NV1-0700-36	NV1-0800-36	NV1-0900-36	Code
		991	1187	1380	1570	1761	1952	Output
40	1800	NV1-0400-40	NV1-0500-40	NV1-0600-40	NV1-0700-40	NV1-0800-40	NV1-0900-40	Code
		1101	1318	1533	1745	1957	2169	Output
44	1980	NV1-0400-44	NV1-0500-44	NV1-0600-44	NV1-0700-44	NV1-0800-44	NV1-0900-44	Code
		1211	1450	1686	1919	2152	2386	Output
48	2160	NV1-0400-48	NV1-0500-48	NV1-0600-48	NV1-0700-48	NV1-0800-48	NV1-0900-48	Code
		1321	1582	1839	2094	2348	2603	Output
52	2340	NV1-0400-52	NV1-0500-52	NV1-0600-52	NV1-0700-52	NV1-0800-52	NV1-0900-52	Code
		1431	1714	1993	2268	2544	2819	Output
56	2520	NV1-0400-56	NV1-0500-56	NV1-0600-56	NV1-0700-56	NV1-0800-56	NV1-0900-56	Code
		1541	1846	2146	2443	2740	3036	Output
60	2700	NV1-0400-60	NV1-0500-60	NV1-0600-60	NV1-0700-60	NV1-0800-60	NV1-0900-60	Code
		1651	1978	2299	2617	2935	3253	Output
64	2880	NV1-0400-64	NV1-0500-64	NV1-0600-64	NV1-0700-64	NV1-0800-64	NV1-0900-64	Code
		1761	2109	2452	2792	3131	3470	Output
68	3060	NV1-0400-68	NV1-0500-68	NV1-0600-68	NV1-0700-68	NV1-0800-68	NV1-0900-68	Code
		1871	2241	2606	2966	3327	3687	Output
Weight - kilograms		0.71	0.85	0.99	1.13	1.27	1.41	Per Section
Water content - litres		0.22	0.25	0.29	0.33	0.37	0.40	Per Section



Galeria Horizontal Double - Depth 176mm

Sections	Width mm	Heights						
		400mm	500mm	600mm	700mm	800mm	900mm	
12	540	NV2-0400-12	NV2-0500-12	NV2-0600-12	NV2-0700-12	NV2-0800-12	NV2-0900-12	Code
		571	682	790	895	1000	1103	Output
14	630	NV2-0400-14	NV2-0500-14	NV2-0600-14	NV2-0700-14	NV2-0800-14	NV2-0900-14	Code
		667	796	921	1045	1166	1287	Output
16	720	NV2-0400-16	NV2-0500-16	NV2-0600-16	NV2-0700-16	NV2-0800-16	NV2-0900-16	Code
		762	910	1053	1194	1333	1471	Output
18	810	NV2-0400-18	NV2-0500-18	NV2-0600-18	NV2-0700-18	NV2-0800-18	NV2-0900-18	Code
		857	1023	1185	1343	1499	1654	Output
20	900	NV2-0400-20	NV2-0500-20	NV2-0600-20	NV2-0700-20	NV2-0800-20	NV2-0900-20	Code
		952	1137	1316	1492	1666	1838	Output
22	990	NV2-0400-22	NV2-0500-22	NV2-0600-22	NV2-0700-22	NV2-0800-22	NV2-0900-22	Code
		1048	1251	1448	1642	1833	2022	Output
24	1080	NV2-0400-24	NV2-0500-24	NV2-0600-24	NV2-0700-24	NV2-0800-24	NV2-0900-24	Code
		1143	1364	1580	1791	1999	2206	Output
26	1170	NV2-0400-26	NV2-0500-26	NV2-0600-26	NV2-0700-26	NV2-0800-26	NV2-0900-26	Code
		1238	1478	1711	1940	2166	2390	Output
28	1260	NV2-0400-28	NV2-0500-28	NV2-0600-28	NV2-0700-28	NV2-0800-28	NV2-0900-28	Code
		1333	1592	1843	2089	2332	2573	Output
32	1440	NV2-0400-32	NV2-0500-32	NV2-0600-32	NV2-0700-32	NV2-0800-32	NV2-0900-32	Code
		1524	1819	2106	2388	2666	2941	Output
36	1620	NV2-0400-36	NV2-0500-36	NV2-0600-36	NV2-0700-36	NV2-0800-36	NV2-0900-36	Code
		1714	2047	2370	2686	2999	3309	Output
40	1800	NV2-0400-40	NV2-0500-40	NV2-0600-40	NV2-0700-40	NV2-0800-40	NV2-0900-40	Code
		1905	2274	2633	2985	3332	3676	Output
44	1980	NV2-0400-44	NV2-0500-44	NV2-0600-44	NV2-0700-44	NV2-0800-44	NV2-0900-44	Code
		2095	2501	2896	3283	3665	4044	Output
48	2160	NV2-0400-48	NV2-0500-48	NV2-0600-48	NV2-0700-48	NV2-0800-48	NV2-0900-48	Code
		2286	2729	3159	3582	3998	4412	Output
52	2340	NV2-0400-52	NV2-0500-52	NV2-0600-52	NV2-0700-52	NV2-0800-52	NV2-0900-52	Code
		2476	2956	3423	3880	4332	4779	Output
56	2520	NV2-0400-56	NV2-0500-56	NV2-0600-56	NV2-0700-56	NV2-0800-56	NV2-0900-56	Code
		2667	3184	3686	4179	4665	5147	Output
60	2700	NV2-0400-60	NV2-0500-60	NV2-0600-60	NV2-0700-60	NV2-0800-60	-	Code
		2857	3411	3949	4477	4998	-	Output
64	2880	NV2-0400-64	NV2-0500-64	NV2-0600-64	NV2-0700-64	-	-	Code
		3048	3638	4212	4776	-	-	Output
68	3060	NV2-0400-68	NV2-0500-68	NV2-0600-68	NV2-0700-68	-	-	Code
		3238	3866	4476	5074	-	-	Output
Weight - kilograms		1.21	1.50	1.79	2.08	2.37	2.65	Per Section
Water content - litres		0.37	0.43	0.50	0.57	0.63	0.70	Per Section

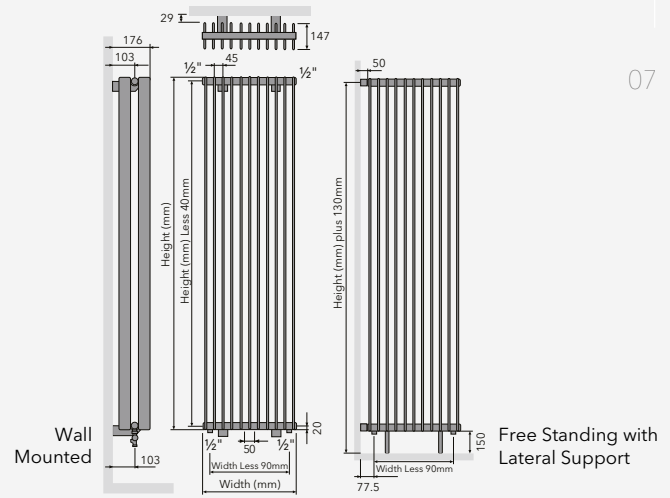


Galeria Vertical Single - Depth 127mm

Sections	Width mm	Heights						
		1000mm	1200mm	1400mm	1600mm	1800mm	2000mm	
6*	270	NV1-1000-06 357	NV1-1200-06 422	NV1-1400-06 488	NV1-1600-06 557	NV1-1800-06 627	NV1-2000-06 700	Code Output
8*	360	NV1-1000-08 476	NV1-1200-08 563	NV1-1400-08 651	NV1-1600-08 742	NV1-1800-08 836	NV1-2000-08 933	Code Output
10	450	NV1-1000-10 596	NV1-1200-10 704	NV1-1400-10 814	NV1-1600-10 928	NV1-1800-10 1045	NV1-2000-10 1166	Code Output
12	540	NV1-1000-12 715	NV1-1200-12 844	NV1-1400-12 977	NV1-1600-12 1113	NV1-1800-12 1254	NV1-2000-12 1399	Code Output
14	630	NV1-1000-14 834	NV1-1200-14 985	NV1-1400-14 1139	NV1-1600-14 1299	NV1-1800-14 1463	NV1-2000-14 1633	Code Output
16	720	NV1-1000-16 953	NV1-1200-16 1126	NV1-1400-16 1302	NV1-1600-16 1484	NV1-1800-16 1672	NV1-2000-16 1866	Code Output
18	810	NV1-1000-18 1072	NV1-1200-18 1265	NV1-1400-18 1465	NV1-1600-18 1670	NV1-1800-18 1881	NV1-2000-18 2099	Code Output
20	900	NV1-1000-20 1191	NV1-1200-20 1407	NV1-1400-20 1628	NV1-1600-20 1855	NV1-1800-20 2090	NV1-2000-20 2332	Code Output
22	990	NV1-1000-22 1310	NV1-1200-22 1548	NV1-1400-22 1791	NV1-1600-22 2041	NV1-1800-22 2299	NV1-2000-22 2565	Code Output
24	1080	NV1-1000-24 1429	NV1-1200-24 1688	NV1-1400-24 1953	NV1-1600-24 2226	NV1-1800-24 2508	NV1-2000-24 2799	Code Output
26	1170	NV1-1000-26 1548	NV1-1200-26 1829	NV1-1400-26 2116	NV1-1600-26 2412	NV1-1800-26 2716	NV1-2000-26 3032	Code Output
28	1260	NV1-1000-28 1667	NV1-1200-28 1970	NV1-1400-28 2279	NV1-1600-28 2597	NV1-1800-28 2925	NV1-2000-28 3265	Code Output
Weight - kilograms		1.55	1.83	2.11	2.34	2.63	2.92	Per Section
Water content - litres		0.44	0.50	0.57	0.63	0.72	0.80	Per Section

Sections	Width mm	Heights					
		2200mm	2400mm	2600mm	2800mm	3000mm	
6*	270	NV1- 2200-06 775	NV1- 2400-06 848	NV1- 2600-06 921	NV1- 2800-06 994	NV1- 3000-06 1067	Code Output
8*	360	NV1- 2200-08 1034	NV1- 2400-08 1131	NV1- 2600-08 1228	NV1- 2800-08 1325	NV1- 3000-08 1422	Code Output
10	450	NV1- 2200-10 1292	NV1- 2400-10 1413	NV1- 2600-10 1535	NV1- 2800-10 1656	NV1- 3000-10 1778	Code Output
12	540	NV1- 2200-12 1550	NV1- 2400-12 1696	NV1- 2600-12 1842	NV1- 2800-12 1988	NV1- 3000-12 2133	Code Output
14	630	NV1- 2200-14 1809	NV1- 2400-14 1979	NV1- 2600-14 2149	NV1- 2800-14 2319	NV1- 3000-14 2489	Code Output
16	720	NV1- 2200-16 2067	NV1- 2400-16 2261	NV1- 2600-16 2456	NV1- 2800-16 2650	NV1- 3000-16 2844	Code Output
18	810	NV1- 2200-18 2325	NV1- 2400-18 2544	NV1- 2600-18 2763	NV1- 2800-18 2981	NV1- 3000-18 3200	Code Output
20	900	NV1- 2200-20 2584	NV1- 2400-20 2827	NV1- 2600-20 3070	NV1- 2800-20 3313	NV1- 3000-20 3556	Code Output
22	990	NV1- 2200-22 2842	NV1- 2400-22 3109	NV1- 2600-22 3377	NV1- 2800-22 3644	NV1- 3000-22 3911	Code Output
24	1080	NV1- 2200-24 3101	NV1- 2400-24 3392	NV1- 2600-24 3684	NV1- 2800-24 3975	NV1- 3000-24 4267	Code Output
26	1170	NV1- 2200-26 3359	NV1- 2400-26 3675	NV1- 2600-26 3990	NV1- 2800-26 4306	NV1- 3000-26 4622	Code Output
28	1260	NV1- 2200-28 3617	NV1- 2400-28 3958	NV1- 2600-28 4297	NV1- 2800-28 4638	NV1- 3000-28 4978	Code Output
Weight - kilograms		3.20	3.49	3.78	4.07	4.36	Per Section
Water content - litres		0.89	0.97	1.05	1.14	1.22	Per Section

* See connection restrictions on page 8 for 6 and 8 section models.



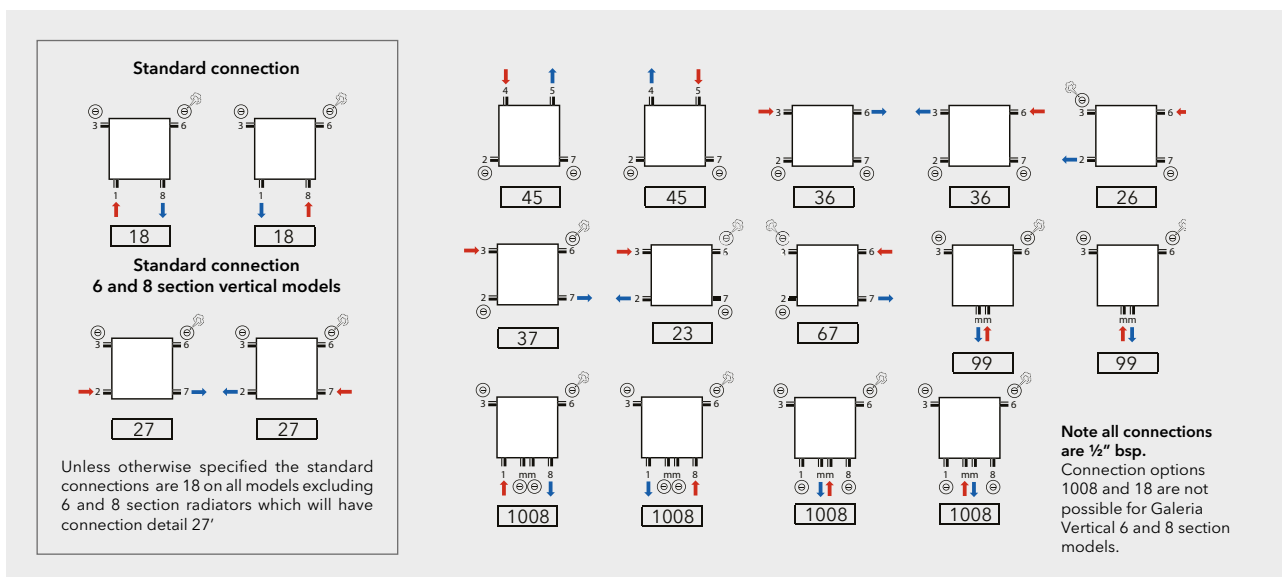
Galeria Vertical Double - Depth 176mm

Sections	Width mm	Heights						
		1000mm	1200mm	1400mm	1600mm	1800mm	2000mm	
6*	270	NV2-1000-06	NV2-1200-06	NV2-1400-06	NV2-1600-06	NV2-1800-06	NV2-2000-06	Code
		603	705	808	911	1015	1121	Output
8*	360	NV2-1000-08	NV2-1200-08	NV2-1400-08	NV2-1600-08	NV2-1800-08	NV2-2000-08	Code
		804	940	1077	1214	1354	1495	Output
10	450	NV2-1000-10	NV2-1200-10	NV2-1400-10	NV2-1600-10	NV2-1800-10	NV2-2000-10	Code
		1005	1175	1346	1518	1692	1869	Output
12	540	NV2-1000-12	NV2-1200-12	NV2-1400-12	NV2-1600-12	NV2-1800-12	NV2-2000-12	Code
		1206	1410	1615	1822	2031	2242	Output
14	630	NV2-1000-14	NV2-1200-14	NV2-1400-14	NV2-1600-14	NV2-1800-14	NV2-2000-14	Code
		1406	1645	1884	2125	2369	2616	Output
16	720	NV2-1000-16	NV2-1200-16	NV2-1400-16	NV2-1600-16	NV2-1800-16	NV2-2000-16	Code
		1607	1880	2154	2429	2707	2990	Output
18	810	NV2-1000-18	NV2-1200-18	NV2-1400-18	NV2-1600-18	NV2-1800-18	NV2-2000-18	Code
		1808	2115	2423	2733	3046	3364	Output
20	900	NV2-1000-20	NV2-1200-20	NV2-1400-20	NV2-1600-20	NV2-1800-20	NV2-2000-20	Code
		2009	2350	2692	3036	3384	3737	Output
22	990	NV2-1000-22	NV2-1200-22	NV2-1400-22	NV2-1600-22	NV2-1800-22	NV2-2000-22	Code
		2210	2585	2961	3340	3723	4111	Output
24	1080	NV2-1000-24	NV2-1200-24	NV2-1400-24	NV2-1600-24	NV2-1800-24	NV2-2000-24	Code
		2411	2820	3230	3643	4061	4485	Output
26	1170	NV2-1000-26	NV2-1200-26	NV2-1400-26	NV2-1600-26	NV2-1800-26	NV2-2000-26	Code
		2612	3056	3500	3947	4399	4859	Output
28	1260	NV2-1000-28	NV2-1200-28	NV2-1400-28	NV2-1600-28	NV2-1800-28	-	Code
		2813	3291	3769	4251	4738	-	Output
Weight - kilograms		2.94	3.50	4.05	4.61	5.15	5.70	Per Section
Water content - litres		0.76	0.90	1.04	1.18	1.35	1.52	Per Section

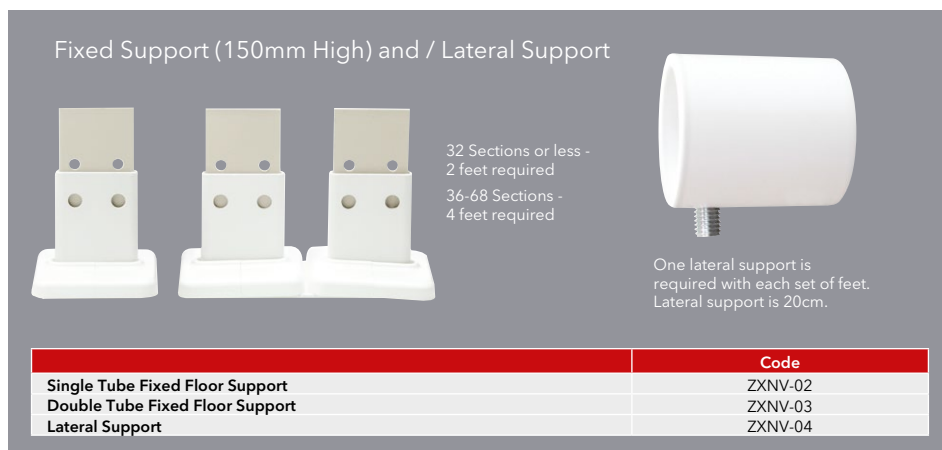
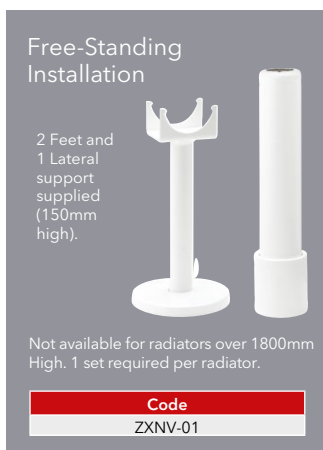
Sections	Width mm	Heights					
		2200mm	2400mm	2600mm	2800mm	3000mm	
6*	270	NV2-2200-06	NV2-2400-06	NV2-2600-06	NV2-2800-06	NV2-3000-06	Code
		1229	1335	1441	1547	1653	Output
8*	360	NV2-2200-08	NV2-2400-08	NV2-2600-08	NV2-2800-08	NV2-3000-08	Code
		1639	1780	1921	2063	2204	Output
10	450	NV2-2200-10	NV2-2400-10	NV2-2600-10	NV2-2800-10	NV23000-10	Code
		2048	2225	2402	2578	2755	Output
12	540	NV2-2200-12	NV2-2400-12	NV2-2600-12	NV2-2800-12	NV2-3000-12	Code
		2458	2670	2882	3094	3306	Output
14	630	NV2-2200-14	NV2-2400-14	NV2-2600-14	NV2-2800-14	NV2-3000-14	Code
		2867	3115	3362	3610	3857	Output
16	720	NV2-2200-16	NV2-2400-16	NV2-2600-16	NV2-2800-16	NV2-3000-16	Code
		3277	3560	3843	4125	4408	Output
18	810	NV2-2200-18	NV2-2400-18	NV2-2600-18	NV2-2800-18	NV2-3000-18	Code
		3687	4005	4323	4641	4959	Output
20	900	NV2-2200-20	NV2-2400-20	NV2-2600-20	NV2-2800-20	NV2-3000-20	Code
		4096	4450	4803	5157	5510	Output
22	990	NV2-2200-22	NV2-2400-22	NV2-2600-22	-	-	Code
		4506	4895	5284	-	-	Output
24	1080	NV2-2200-24	-	-	-	-	Code
		4916	-	-	-	-	Output
Weight - kilograms		6.25	6.80	7.35	7.89	8.44	Per Section
Water content - litres		1.68	1.85	2.02	2.19	2.36	Per Section

* See connection restrictions on page 8 for 6 and 8 section models.

Connections



Accessories



Δt	CF
60	1.267
59	1.24
58	1.213
57	1.186
56	1.159
55.5	1.145
55	1.132
54	1.105

Δt	CF
53	1.079
52	1.052
51	1.026
50	1.000
45	0.872
40	0.748
35	0.629

Correction Factor Table

The outputs shown within this brochure are based on BS EN442, 75-65-20 C operating conditions, giving a Δt of 50 C, for Δt 's other than this, a correction factor must be applied.

This correction factor table assumes an average exponent of 1.30.

Example:

Output required @ 82-71-21 °C Δt 55.5 the

CF = 1.145, therefore multiply the listed output by the correction factor to give actual radiator output under these operating conditions.

Water treatment: These products are for use on closed heating systems only; they are not suitable for installation on secondary HWS circuits. On completion of the installation the entire system MUST be thoroughly cleaned and flushed to remove debris/flux residues etc. If a chemical cleanser is used, it must be thoroughly flushed from the system. Following this, the system MUST be dosed with a good eminence water treatment to prevent corrosion. System design, flushing and dosing must be in accordance with BS 5449: 1990, BS EN 12828 & 12831: 2003 and BS 7593: 2006

IMPORTANT: Failure to observe these requirements will render the guarantee on the product void. Corrosion inhibitor must be used in accordance with the manufacturer's instructions and recommendations and should take into account the particular metals within the system.



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