



Panel radiators

MYSON has been manufacturing traditional steel panel radiators in the UK for over 60 years. Our experience and expertise in this area makes us one of the most trusted, reliable and innovative heating solutions providers in Europe. The range includes classics from our respected SELECT and PREMIER ranges, space saving solutions with the VERTICAL and safety products, such as the LST - available in horizontal and vertical models.

Our SELECT and PREMIER ranges include single, double, double panel extra and compact models, and we also have a range of triple panels within our SELECT COMPACT range.



MYSON's PREMIER range sets the benchmark for panel radiators in the UK market. As the only UK panel radiator range offering imperial fitting dimensions, MYSON's PREMIER HE round top radiator is the perfect panel radiator for retro fitting projects. The PREMIER METRIC has the same stylish round top but offers metric equivalent sizes.

- Stylish and hazard reducing round top design
- Manufactured in the UK to the highest production standards
- Impressive heat outputs at low energy consumption
- Extensive range of size options















PREMIER HE & PREMIER METRIC

PREMIER HE

PREMIER HE

General specification & technical information

-  **CERTIFICATION**
Manufactured and tested to BS EN 442 & EN 442. Carries the BS Kitemark, CE & UKCA Mark. Produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - ISO 45001:2018.
-  **GUARANTEE**
10 year guarantee from date of purchase against manufacturing defects.
-  **COLOUR**
All radiators are de-greased, phosphated and primer coated. An epoxy polyester finishing coat in white (RAL 9016) is applied to all front and rear surfaces.
-  **ACCESSORIES**
Touch up paint is available to order.
-  **SYSTEM**
2 pipe pumped indirect domestic and commercial heating applications.
-  **CONNECTIONS**
2 x 1/2" BSP as standard. Selected sizes available with 4 x 1/2" BSP, please see below.
-  **AIR VENTS**
Unique integral air vent situated top right corner of panel, on the 2 tap models only.
-  **OPERATING PRESSURES**
Tested to a pressure of 7 bar. Working pressure of up to 5.4 bar.
-  **OPERATING TEMPERATURE**
Maximum 100°C.
-  **DELIVERY**
2 - 5 working days. Non-stocked items: 2 - 3 weeks.
-  **VALVES**
Please see page 201.
-  **BIM**
Visit our website for quick access to BIM Library components: www.myson.co.uk/profile/specifier

For more general information, please see page 242.

Weights & water contents per metre length

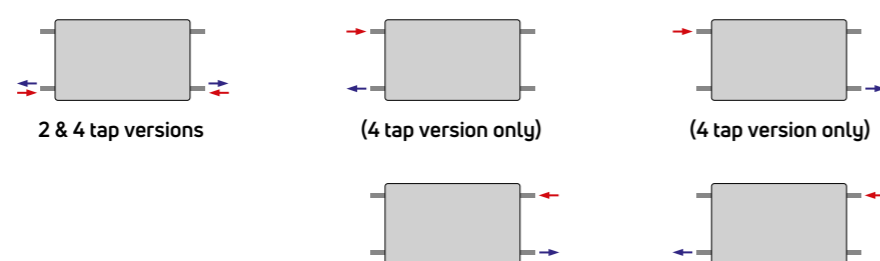
Type		Nominal Height (in)							
		12		15		21		27	
		Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
11	SC	8.2	2.8	10.6	3.2	14.7	4.0	19.3	5.1
21	DPX	-	-	18.0	6.4	24.7	8.3	32.4	9.9
22	DC	16.3	5.8	20.7	6.4	29.1	8.3	38.2	9.9

n-Coefficients

Type		Nominal Height (in)			
		12	15	21	27
11	SC	1.2692	1.2728	1.2783	1.3079
21	DPX	-	1.2850	1.2995	1.3136
22	DC	1.2825	1.2988	1.3241	1.3246

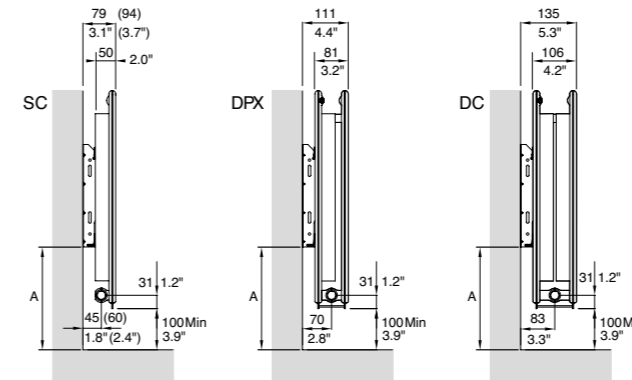
Connection options

2 x 1/2" BSP
4 x 1/2" BSP



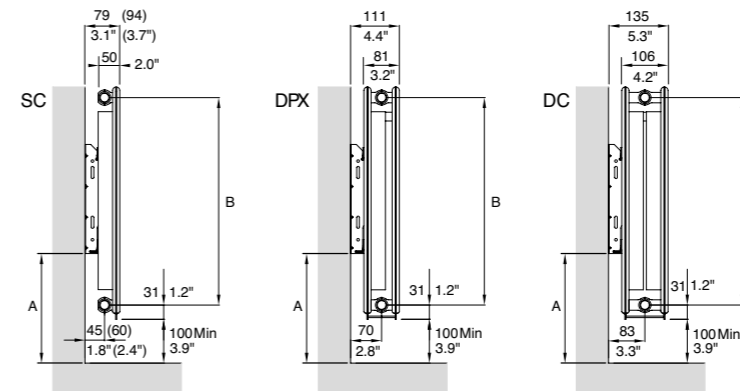
Mounting positions, dimensions & wall brackets

2 connections*

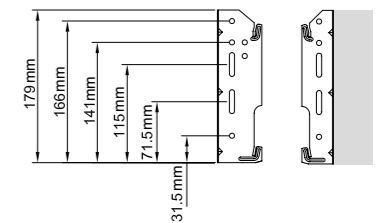


Nominal Height (in)	A		B	
	(in)	(mm)	(in)	(mm)
12	6.65	170	N/A	N/A
15	6.93	177	13.2	335
21	9.81	250	18.7	475
27	16.10	410	25.0	635

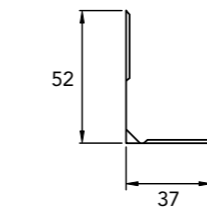
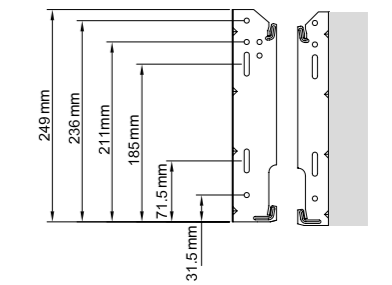
4 connections**



12" Wall Bracket***



15/21/27" Wall Bracket***



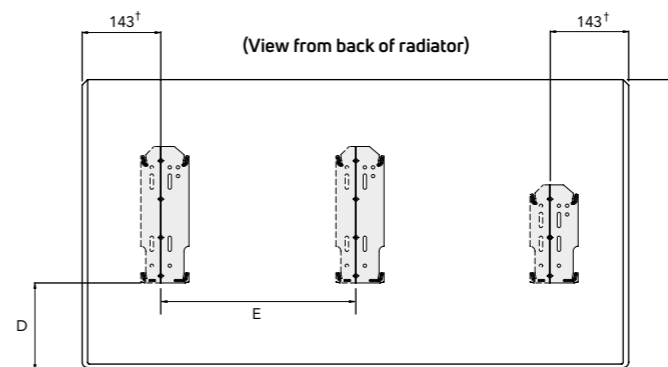
Bracket Plan View

N.B. Figures in brackets apply when hanging with long leg.
Long leg suitable for hanging Type 11 (SC) radiators only.
Short leg suitable for radiator Types 11, 21 & 22.

*Available for full range
**Available for selected sizes
***Security clip available on request

NB: All measurements are nominal.

Bracket positions & dimensions



Nominal Height (in)	C		D	
	(in)	(mm)	(in)	(mm)
12	11.8	300	2.75	70
15	15.4	390	3.03	77
21	20.9	530	5.91	150
27	27.2	690	12.20	310

Nominal Length (in)	E	
	(in)	(mm)
77	34	864
79	35	889
85	38	965

N.B. Radiators up to and including 69" long have two brackets. Radiators 77" and longer have three brackets. The position of the centre bracket is given in the table.

† 118mm from each end for 11" (286mm) long radiators only.

PREMIER HE

Heat outputs

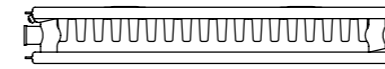
Single Convector
Type 11



Nominal Height	Nominal Length (inches - mm)	No. of sections	
12 inch (300mm)	15 - 400	8	
	31 - 800	16	
	47 - 1200	24	
	63 - 1600	32	
	79 - 2000	40	
15 inch (390mm)	21 - 540	11	
	25 - 641	13	
	29 - 743	15	
	37 - 946	19	
	41 - 1047	21	
	45 - 1149	23	
	49 - 1251	25	
	53 - 1352	27	
	57 - 1454	29	
	61 - 1556	31	
	69 - 1759	35	
	77 - 1962	39	
	85 - 2165	43	
21 inch (530mm)	17 - 438	9	
	21 - 540	11	
	25 - 641	13	
	29 - 743	15	
	33 - 844	17	
	37 - 946	19	
	41 - 1047	21	
	45 - 1149	23	
	49 - 1251	25	
	53 - 1352	27	
	57 - 1454	29	
	61 - 1556	31	
	69 - 1759	35	
	77 - 1962	39	
	85 - 2165	43	
	27 inch (690mm)	11 - 286	6
		17 - 438	9
21 - 540		11	
25 - 641		13	
29 - 743		15	
33 - 844		17	
37 - 946		19	
41 - 1047		21	
45 - 1149		23	
53 - 1352		27	
61 - 1556		31	
69 - 1759		35	

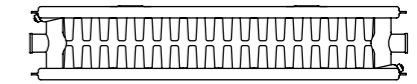
Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
199	680	104	356	12 SC 15
409	1395	214	730	12 SC 31
618	2109	323	1103	12 SC 47
828	2824	433	1477	12 SC 63
354	1207	185	630	15 SC 21
420	1433	219	748	15 SC 25
487	1661	254	867	15 SC 29
620	2114	323	1104	15 SC 37†
686	2342	358	1222	15 SC 41†*
753	2568	393	1340	15 SC 45†*
819	2796	428	1459	15 SC 49†*
886	3024	463	1578	15 SC 53†*
952	3249	497	1696	15 SC 57
1019	3477	532	1815	15 SC 61
1152	3931	601	2052	15 SC 69
1285	4385	671	2289	15 SC 77
375	1281	195	667	21 SC 17†
463	1579	241	822	21 SC 21†
549	1874	286	976	21 SC 25†
637	2173	331	1131	21 SC 29†
724	2471	377	1286	21 SC 33†
811	2766	422	1440	21 SC 37†
898	3064	467	1595	21 SC 41†
985	3360	513	1749	21 SC 45†
1072	3658	558	1904	21 SC 49†
1160	3956	604	2059	21 SC 53†
1246	4252	649	2213	21 SC 57†
1333	4550	694	2368	21 SC 61†*
1507	5143	785	2677	21 SC 69†*
1681	5737	875	2986	21 SC 77
1855	6331	966	3295	21 SC 85
305	1042	157	534	27 SC 11†
468	1596	240	818	27 SC 17†
577	1968	296	1009	27 SC 21†
685	2336	351	1198	27 SC 25†
794	2708	407	1388	27 SC 29†
902	3079	463	1579	27 SC 33†
1010	3447	518	1767	27 SC 37†
1119	3819	574	1958	27 SC 41†
1227	4187	629	2147	27 SC 45†
1445	4930	741	2528	27 SC 53
1662	5670	852	2907	27 SC 61
1879	6410	963	3286	27 SC 69

Double Panel "Xtra"
Type 21



Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
723	2467	375	1279	15 DPX 29
920	3141	477	1629	15 DPX 37†*
1020	3479	529	1805	15 DPX 41†*
1118	3815	580	1979	15 DPX 45†*
1217	4153	631	2154	15 DPX 49†*
1316	4492	683	2330	15 DPX 53†*
1415	4827	734	2504	15 DPX 57†*
1514	5166	785	2680	15 DPX 61
1712	5840	888	3029	15 DPX 69
1909	6514	990	3379	15 DPX 77
550	1876	283	966	21 DPX 17†*
678	2312	349	1191	21 DPX 21†
804	2745	414	1413	21 DPX 25†
932	3182	480	1638	21 DPX 29†
1060	3618	546	1863	21 DPX 33†
1187	4051	611	2086	21 DPX 37†
1315	4488	677	2311	21 DPX 41†
1442	4920	742	2533	21 DPX 45†
1570	5357	808	2758	21 DPX 49†*
1698	5794	874	2983	21 DPX 53†
1825	6226	940	3206	21 DPX 57
1953	6663	1005	3431	21 DPX 61
2208	7532	1137	3878	21 DPX 69
2462	8401	1268	4326	21 DPX 77
687	2343	351	1198	27 DPX 17†
847	2889	433	1477	27 DPX 21†
1005	3429	514	1753	27 DPX 25†
1165	3975	596	2032	27 DPX 29†
1325	4521	677	2311	27 DPX 33†
1483	5061	758	2587	27 DPX 37†
1643	5607	840	2866	27 DPX 41
1802	6147	921	3142	27 DPX 45
2122	7239	1084	3700	27 DPX 53
2440	8325	1247	4255	27 DPX 61

Double Convector
Type 22















Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
795	2712	413	1408	12 DC 31
1201	4098	624	2129	12 DC 47
1609	5489	835	2851	12 DC 63
2015	6875	1047	3571	12 DC 79
675	2303	348	1186	15 DC 21
801	2734	413	1408	15 DC 25
929	3169	478	1632	15 DC 29†
1183	4035	609	2078	15 DC 37†
1310	4470	675	2302	15 DC 41†
1436	4900	740	2524	15 DC 45†*
1564	5336	805	2748	15 DC 49†*
1691	5771	871	2972	15 DC 53†*
1818	6201	936	3194	15 DC 57
1945	6636	1002	3418	15 DC 61
2199	7502	1133	3864	15 DC 69
2453	8368	1263	4310	15 DC 77
2706	9234	1394	4756	15 DC 85
706	2411	359	1226	21 DC 17†
871	2972	443	1511	21 DC 21†
1034	3528	526	1794	21 DC 25†
1198	4089	609	2079	21 DC 29†
1363	4651	693	2365	21 DC 33†
1526	5206	776	2647	21 DC 37†
1690	5768	859	2933	21 DC 41†
1853	6324	942	3215	21 DC 45†
2018	6885	1026	3501	21 DC 49†
2182	7446	1110	3786	21 DC 53†*
2345	8002	1192	4069	21 DC 57
2510	8564	1276	4354	21 DC 61
2837	9681	1443	4922	21 DC 69
3165	10798	1609	5490	21 DC 77
3492	11915	1776	6058	21 DC 85
572	1951	291	992	27 DC 11†
876	2987	445	1519	27 DC 17†
1079	3683	549	1872	27 DC 21†
1281	4372	651	2222	27 DC 25†
1485	5068	755	2576	27 DC 29†
1689	5763	859	2930	27 DC 33†
1891	6452	961	3280	27 DC 37†
2095	7148	1065	3633	27 DC 41†
2297	7837	1168	3984	27 DC 45†
2705	9228	1375	4691	27 DC 53
3110	10613	1581	5395	27 DC 61
3516	11997	1787	6099	27 DC 69

†Available as a 4 tap option.

†* 4 Tap option available. Non-stock - made to order only.

PREMIER METRIC

General specification & technical information

-  **CERTIFICATION**
Manufactured and tested to BS EN 442 & EN 442. Carries the BS Kitemark, CE & UKCA Mark. Produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - ISO 45001:2018.
-  **GUARANTEE**
10 year guarantee from date of purchase against manufacturing defects.
-  **COLOUR**
All radiators are de-greased, phosphated and primer coated. An epoxy polyester finishing coat in white (RAL 9016) is applied to all front and rear surfaces.
-  **ACCESSORIES**
Touch up paint is available to order.
-  **SYSTEM**
2 pipe pumped indirect domestic and commercial heating applications.
-  **CONNECTIONS**
4 x 1/2" BSP. Please see below.
-  **AIR VENTS**
Air vent and plug packs are included in the packaging.
-  **OPERATING PRESSURES**
Tested to a pressure of 7 bar. Working pressure of up to 5.4 bar.
-  **OPERATING TEMPERATURE**
Maximum 100°C.
-  **DELIVERY**
2 - 5 working days. Non-stocked items: 2 - 3 weeks.
-  **VALVES**
Please see page 201.
-  **BIM**
Visit our website for quick access to BIM Library components: www.myson.co.uk/profile/specifier

For more general information, please see page 242.

Weights & water contents per metre length

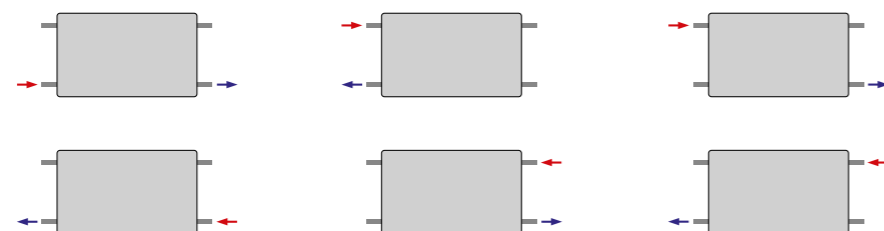
Type		Nominal Height (mm)							
		300		450		600		700	
		Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
11	SC	8.3	2.8	12.4	3.4	16.7	4.1	19.6	4.9
21	DPX	14.3	5.7	20.9	6.7	28.0	8.3	32.5	9.9
22	DC	17.1	5.7	24.2	6.7	32.8	8.3	38.2	9.9

n-Coefficients

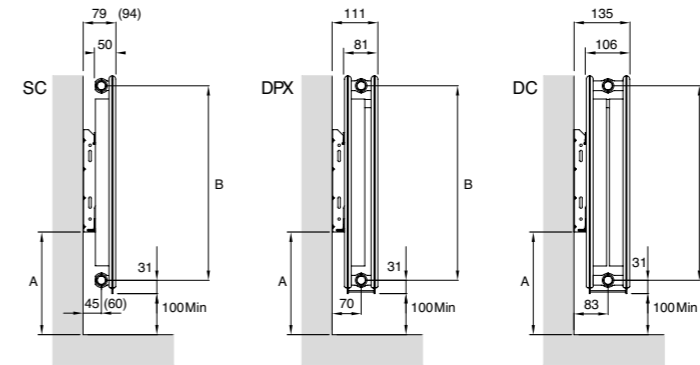
Type		Nominal Height (mm)			
		300	450	600	700
11	SC	1.2692	1.2751	1.2913	1.3098
21	DPX	1.2757	1.2912	1.3057	1.3145
22	DC	1.2825	1.3096	1.3243	1.3246

Connection options

4 x 1/2" BSP

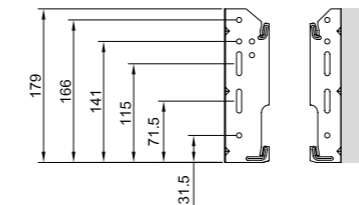


Mounting positions, dimensions & wall brackets

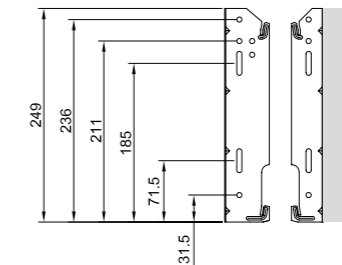


Nominal Height (mm)	A (mm)	B (mm)
	300	170
450	237	393
600	320	543
700	410	643

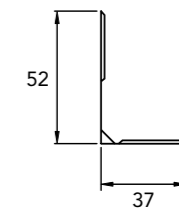
300mm Wall Bracket*



450/600/700mm Wall Bracket*



Bracket Plan View

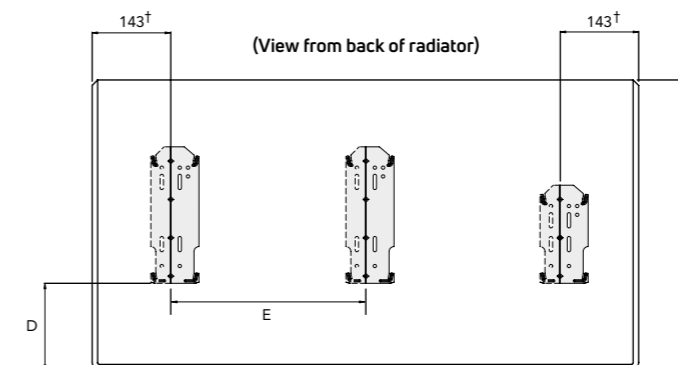


N.B. Figures in brackets apply when hanging with long leg.
Long leg suitable for hanging Type 11 (SC) radiators only. Short leg suitable for radiator Types 11, 21 & 22.

*Security clip available on request

NB: All measurements are nominal.

Bracket positions & dimensions



Nominal Height (mm)	C (mm)	D (mm)
	300	300
450	450	137
600	600	220
700	700	310

Nominal Length (mm)	E (mm)
	1800
2000	864
2200	965
2400	1067
2600	1168
2800	1270
3000	1372

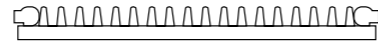
N.B. Radiators up to and including 1600mm long have two brackets. Radiators 1800mm and longer have three brackets. The position of the centre bracket is given in the table.

† 118mm from each end for 300mm long radiators only.

PREMIER METRIC

Heat outputs

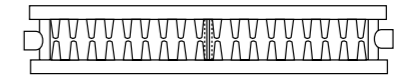
Single Convector
Type 11



Double Panel "Xtra"
Type 21



Double Convector
Type 22



Nominal Height	Nominal Length (mm)
300mm	400
	800
	1200
	1600
	2000
	2400
3000	
450mm	400
	500
	600
	700
	800
	900
	1000
	1100
	1200
	1400
	1600
	1800
	2000
	2200
2400	
2600	
2800	
3000	
600mm	400
	500
	600
	700
	800
	900
	1000
	1100
	1200
	1400
	1600
	1800
	2000
	2200
2400	
2600	
2800	
3000	
700mm	300
	400
	500
	600
	700
	800
	900
	1000
	1100
	1200
	1400
	1600
	1800
	2000
2200	
2400	
2600	
2800	
3000	

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
199	680	104	356	4PM 30 SC 40
409	1395	214	730	4PM 30 SC 80
618	2109	323	1103	4PM 30 SC 120
828	2824	433	1477	4PM 30 SC 160
1037	3537	542	1850	4PM 30 SC 200
1246	4251	651	2223	4PM 30 SC 240*
1560	5322	816	2783	4PM 30 SC 300*
288	982	150	512	4PM 45 SC 40
364	1241	190	647	4PM 45 SC 50
440	1500	229	782	4PM 45 SC 60
515	1757	268	916	4PM 45 SC 70
591	2016	308	1051	4PM 45 SC 80
666	2272	347	1184	4PM 45 SC 90
742	2531	387	1319	4PM 45 SC 100
818	2790	426	1454	4PM 45 SC 110
893	3046	465	1588	4PM 45 SC 120
1044	3562	544	1857	4PM 45 SC 140
1196	4079	623	2127	4PM 45 SC 160
1347	4595	702	2395	4PM 45 SC 180
1498	5110	781	2664	4PM 45 SC 200
1649	5626	860	2933	4PM 45 SC 220
1800	6142	938	3202	4PM 45 SC 240*
1951	6657	1017	3471	4PM 45 SC 260*
2102	7173	1096	3740	4PM 45 SC 280*
2254	7689	1175	4009	4PM 45 SC 300*
368	1257	190	650	4PM 60 SC 40
466	1588	241	821	4PM 60 SC 50
563	1920	291	993	4PM 60 SC 60
659	2248	341	1162	4PM 60 SC 70
756	2579	391	1334	4PM 60 SC 80
852	2907	441	1503	4PM 60 SC 90
949	3238	491	1674	4PM 60 SC 100
1046	3570	541	1846	4PM 60 SC 110
1142	3898	591	2015	4PM 60 SC 120
1336	4557	691	2356	4PM 60 SC 140
1530	5220	791	2699	4PM 60 SC 160
1723	5879	891	3040	4PM 60 SC 180
1916	6539	991	3381	4PM 60 SC 200
2110	7199	1091	3722	4PM 60 SC 220
2303	7857	1191	4063	4PM 60 SC 240
2497	8520	1291	4405	4PM 60 SC 260*
2690	9179	1391	4746	4PM 60 SC 280*
2884	9839	1491	5087	4PM 60 SC 300*
305	1042	156	534	4PM 70 SC 30
418	1426	214	730	4PM 70 SC 40
528	1802	270	923	4PM 70 SC 50
638	2178	327	1115	4PM 70 SC 60
747	2550	383	1306	4PM 70 SC 70
858	2926	439	1499	4PM 70 SC 80
967	3298	495	1689	4PM 70 SC 90
1077	3674	551	1882	4PM 70 SC 100
1187	4050	608	2074	4PM 70 SC 110
1296	4422	664	2265	4PM 70 SC 120
1515	5170	776	2648	4PM 70 SC 140
1736	5922	889	3033	4PM 70 SC 160
1955	6670	1001	3416	4PM 70 SC 180
2174	7418	1113	3799	4PM 70 SC 200
2393	8166	1226	4182	4PM 70 SC 220*
2613	8914	1338	4566	4PM 70 SC 240*
2833	9666	1451	4951	4PM 70 SC 260*
3052	10414	1563	5334	4PM 70 SC 280
3271	11162	1676	5717	4PM 70 SC 300*

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
304	1037	158	540	4PM 30 DPX 40
623	2127	325	1108	4PM 30 DPX 80
942	3214	491	1675	4PM 30 DPX 120
1261	4304	657	2243	4PM 30 DPX 160
1580	5392	824	2810	4PM 30 DPX 200
424	1446	219	748	4PM 45 DPX 40
535	1827	277	945	4PM 45 DPX 50
647	2208	335	1142	4PM 45 DPX 60
758	2585	392	1337	4PM 45 DPX 70
869	2966	450	1534	4PM 45 DPX 80
980	3344	507	1729	4PM 45 DPX 90
1092	3725	564	1926	4PM 45 DPX 100
1203	4106	622	2123	4PM 45 DPX 110
1314	4483	679	2318	4PM 45 DPX 120
1536	5242	794	2710	4PM 45 DPX 140
1760	6004	910	3104	4PM 45 DPX 160
1982	6762	1025	3497	4PM 45 DPX 180
2204	7521	1140	3889	4PM 45 DPX 200
539	1839	277	944	4PM 60 DPX 40
681	2324	350	1193	4PM 60 DPX 50
823	2809	423	1442	4PM 60 DPX 60
964	3289	495	1688	4PM 60 DPX 70
1106	3774	568	1937	4PM 60 DPX 80
1247	4254	640	2183	4PM 60 DPX 90
1389	4739	713	2432	4PM 60 DPX 100
1531	5223	786	2681	4PM 60 DPX 110
1672	5703	858	2927	4PM 60 DPX 120
1954	6668	1003	3423	4PM 60 DPX 140
2239	7638	1149	3920	4PM 60 DPX 160
2521	8603	1294	4415	4PM 60 DPX 180
2804	9568	1439	4911	4PM 60 DPX 200
615	2097	314	1071	4PM 70 DPX 40
777	2650	397	1354	4PM 70 DPX 50
939	3202	480	1636	4PM 70 DPX 60
1099	3749	561	1916	4PM 70 DPX 70
1261	4302	644	2198	4PM 70 DPX 80
1421	4849	726	2478	4PM 70 DPX 90
1583	5402	809	2760	4PM 70 DPX 100
1745	5955	892	3043	4PM 70 DPX 110
1906	6502	974	3322	4PM 70 DPX 120
2228	7602	1138	3884	4PM 70 DPX 140
2552	8707	1304	4449	4PM 70 DPX 160
2874	9807	1469	5011	4PM 70 DPX 180
3197	10907	1633	5573	4PM 70 DPX 200

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
387	1322	201	686	4PM 30 DC 40
795	2712	413	1408	4PM 30 DC 80
1201	4098	624	2129	4PM 30 DC 120
1609	5489	835	2851	4PM 30 DC 160
2015	6875	1047	3571	4PM 30 DC 200
2421	8262	1258	4291	4PM 30 DC 240
3032	10345	1575	5373	4PM 30 DC 300*
545	1861	279	953	4PM 45 DC 40
689	2351	353	1204	4PM 45 DC 50
833	2841	427	1455	4PM 45 DC 60
975	3327	499	1704	4PM 45 DC 70
1119	3817	573	1955	4PM 45 DC 80
1261	4303	646	2204	4PM 45 DC 90
1405	4793	720	2455	4PM 45 DC 100
1548	5283	793	2706	4PM 45 DC 110
1691	5769	866	2955	4PM 45 DC 120
1977	6745	1013	3455	4PM 45 DC 140
2264	7726	1160	3957	4PM 45 DC 160
2550	8702	1306	4457	4PM 45 DC 180
2836	9678	1453	4957	4PM 45 DC 200
3123	10654	1600	5458	4PM 45 DC 220
3409	11631	1746	5958	4PM 45 DC 240
3695	12608	1893	6458	4PM 45 DC 260*
3981	13585	2039	6959	4PM 45 DC 280*
4268	14562	2186	7459	4PM 45 DC 300*
691	2357	351	1198	4PM 60 DC 40
873	2978	444	1514	4PM 60 DC 50
1055	3599	536	1830	4PM 60 DC 60
1235	4215	628	2143	4PM 60 DC 70
1417	4836	721	2459	4PM 60 DC 80
1598	5451	812	2771	4PM 60 DC 90
1780	6072	905	3087	4PM 60 DC 100
1962	6693	997	3403	4PM 60 DC 110
2142	7309	1089	3716	4PM 60 DC 120
2504	8545	1273	4344	4PM 60 DC 140
2868	9787	1458	4976	4PM 60 DC 160
3231	11024	1643	5604	4PM 60 DC 180
3593	12260	1827	6233	4PM 60 DC 200
3956	13496	2011	6862	4PM 60 DC 220*
4318	14733	2195	7490	4PM 60 DC 240
4682	15975	2380	8122	4PM 60 DC 260*
5044	17212	2565	8750	4PM 60 DC 280*
5407	18448	2749	9379	4PM 60 DC 300*
572	1951	291	992	4PM 70 DC 30
783	2670	398	1357	4PM 70 DC 40
989	3374	503	1715	4PM 70 DC 50
1195	4077	607	2073	4PM 70 DC 60
1399	4774	711	2427	4PM 70 DC 70
1605	5478	816	2785	4PM 70 DC 80
1810	6175	920	3139	4PM 70 DC 90
2016	6878	1025	3496	4PM 70 DC 100
2222	7582	1130	3854	4PM 70 DC 110
2426	8279	1233	4208	4PM 70 DC 120
2837	9679	1442	4920	4PM 70 DC 140
3249	11087	1652	5636	4PM 70 DC 160
3660	12487	1860	6348	4PM 70 DC 180
4070	13888	2069	7059	4PM 70 DC 200
4481	15288	2278	7771	4PM 70 DC 220*
4891	16689	2486	8483	4PM 70 DC 240*
5304	18096	2696	9199	4PM 70 DC 260*
5714	19497	2905	9911	4PM 70 DC 280
6125	20897	3113	10623	4PM 70 DC 300

*Non-stock - made to order only.















The SELECT COMPACT is the ultimate in radiator design. It uses a 33mm pitch, which our years of manufacturing expertise and research have established to be the optimum design for a Compact radiator. The SELECT COMPACT delivers impressive outputs whilst using a low water temperature.

- Our most extensive range, the SELECT COMPACT is available in 222 different sizes
- It comes in four types; single convector, double convector, double panel extra and triple convector type radiator, all with factory fitted top grille and side panels as standard
- There are six different heights ranging from 300mm to 900mm
- We offer lengths from 300mm to 2400mm



SELECT COMPACT

General specification & technical information

-  **CERTIFICATION**
Manufactured and tested to BS EN 442 & EN 442. Carries the BS Kitemark, CE & UKCA Mark. Produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - ISO 45001:2018.
-  **GUARANTEE**
10 year guarantee from date of purchase against manufacturing defects.
-  **COLOUR**
All radiators are de-greased, phosphated and primer coated. An epoxy polyester finishing coat in white (RAL 9016) is applied to all front and rear surfaces.
-  **ACCESSORIES**
Touch up paint is available to order.
-  **SYSTEM**
2 pipe pumped indirect domestic and commercial heating applications.
-  **CONNECTIONS**
4 x 1/2" BSP. Please see below.
-  **AIR VENTS**
Air vent and plug packs are included in the packaging.
-  **OPERATING PRESSURES**
Tested to a pressure of 10.5 bar. Working pressure of up to 8.0 bar.
-  **OPERATING TEMPERATURE**
Maximum 100°C.
-  **DELIVERY**
2 - 5 working days. Non-stocked items: 3 - 4 weeks.
-  **VALVES**
Please see page 201.
-  **BIM**
Visit our website for quick access to BIM Library components: www.myson.co.uk/profile/specifier

For more general information, please see page 242.

Weights & water contents per metre length

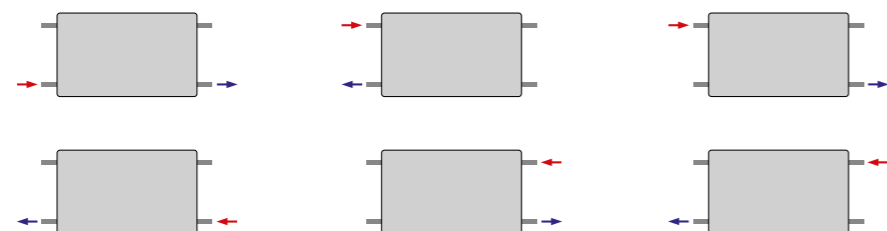
Type	SS	Nominal Height (mm)											
		300		400		500		600		750		900	
		Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
11	SS	9.0	1.4	12.1	2.2	15.3	2.7	18.2	3.2	23.5	3.9	-	-
21	SX	14.7	3.3	19.5	4.3	24.5	5.4	29.2	6.5	35.3	7.8	-	-
22	SD	17.2	3.4	22.5	4.4	28.3	5.5	34.0	6.6	42.1	7.6	-	-
33	ST	24.9	5.1	-	-	41.7	8.2	50.1	9.8	69.6	11.5	94.7	16.6

n-Coefficients

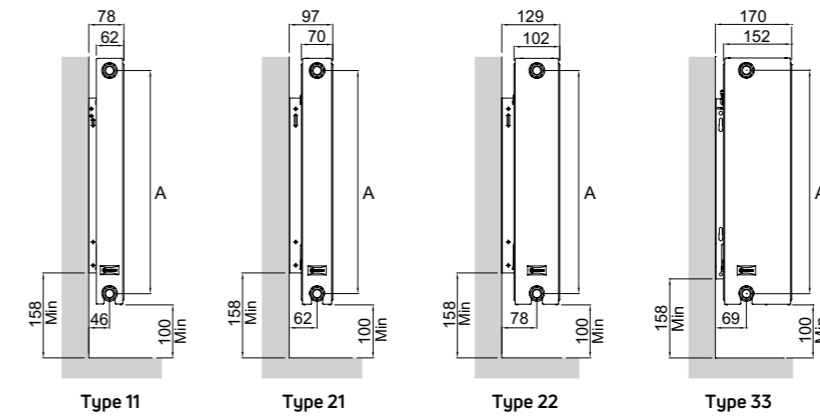
Type	SS	Nominal Height (mm)					
		300	400	500	600	750	900
11	SS	1.2981	1.3026	1.3070	1.3115	1.3143	-
21	SX	1.2803	1.2940	1.3076	1.3213	1.3302	-
22	SD	1.3094	1.3182	1.3270	1.3358	1.3460	-
33	ST	1.3140	-	1.3428	1.3486	1.3515	1.3600

Connection options

4 x 1/2" BSP



Mounting positions & dimensions



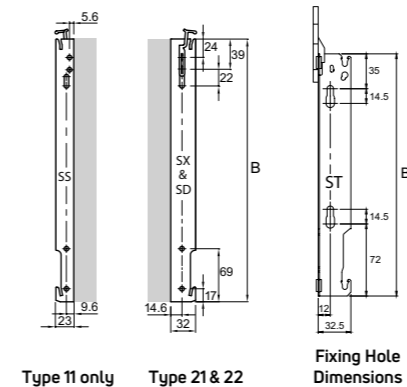
Nominal Height (mm)	A (mm)
300	250
400	350
500	450
600	550
750	700
900	850

Wall & floor brackets

Wall Brackets

Supplied with Type 11, 21, 22

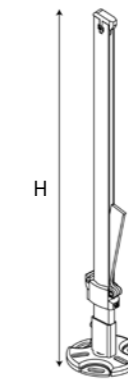
Supplied with Type 33



Nominal Height (mm)	B (mm)
300	142
400	242
500	342
600	442
750	591
900	742

*Use dimension B+9 for 300mm high Type 33

Floor Brackets



Floor brackets for all types:

Radiator to wall distance: Any
Maximum load of a single bracket:
Vertically - 180kg
Pulling - 35kg

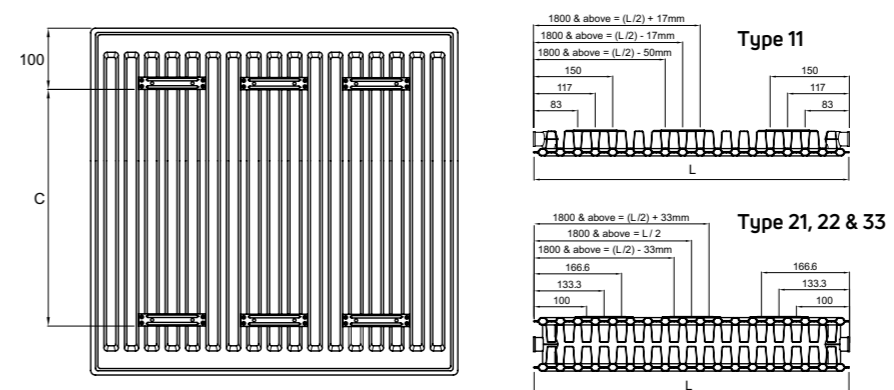
Order Codes:
RH033 (single piece, H420mm)
RH034 (single piece, H520mm)

Height 300 - 750mm	
Radiator length (mm)	Quantity of floor brackets*
400 - 1600	2
1800 - 2300	3
2400 - 2600	4
2700 - 3000	5

*The floor brackets will support the radiators, however, in certain instances the brackets will flex and where possible the radiator should be fixed to the wall using the top bracket.

NB: All measurements are nominal.

Bracket positions & dimensions



Nominal Height (mm)	C (mm)
300	120
400	220
500	320
600	420
750	570
900	720

SELECT COMPACT

Heat outputs

Single Convector
Type 11



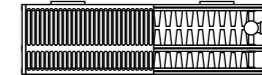
Double Panel "Xtra"
Type 21



Double Convector
Type 22



Triple Convector
Type 33



Nominal Height	Nominal Length (mm)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code	
		Watts	Btu/h	Watts	Btu/h		
300mm	400	218	745	113	386	SS 30 40G	
	600	328	1119	169	576	SS 30 60G	
	800						
	1000	546	1863	281	958	SS 30 100G	
	1200						
	1400	764	2607	393	1341	SS 30 140G	
	1800	983	3354	506	1726	SS 30 180G	
	2000	1092	3726	562	1917	SS 30 200G	
2400	1310	4470	674	2300	SS 30 240G		
400mm	500	356	1215	183	625	SS 40 50G	
	600	427	1457	220	749	SS 40 60G	
	700	498	1699	256	874	SS 40 70G	
	800	569	1941	292	998	SS 40 80G	
	900	640	2184	329	1123	SS 40 90G	
	1000	711	2426	365	1247	SS 40 100G	
	1100	782	2668	402	1372	SS 40 110G	
	1200	853	2910	438	1496	SS 40 120G	
	1300	924	3153	475	1621	SS 40 130G	
	1400	995	3395	512	1746	SS 40 140G	
	1600	1138	3883	585	1996	SS 40 160G	
	1800	1280	4367	658	2246	SS 40 180G	
500mm	400	347	1184	178	608	SS 50 40G	
	500	434	1481	223	761	SS 50 50G	
	600	521	1778	268	914	SS 50 60G	
	700	608	2074	312	1066	SS 50 70G	
	800	694	2368	357	1217	SS 50 80G	
	900	781	2665	401	1369	SS 50 90G	
	1000	868	2962	446	1522	SS 50 100G	
	1100	955	3258	491	1674	SS 50 110G	
	1200	1042	3555	535	1827	SS 50 120G	
	1300	1128	3849	580	1979	SS 50 130G	
	1400	1215	4146	624	2130	SS 50 140G	
	1500	1302	4442	669	2283	SS 50 150G	
	1600	1389	4739	714	2435	SS 50 160G	
	1800	1562	5330	803	2739	SS 50 180G	
	2000	1736	5923	892	3044	SS 50 200G	
	2300						
	2400	2083	7107	1070	3652	SS 50 240G	
	600mm	400	407	1389	208	711	SS 60 40G
500		509	1737	261	890	SS 60 50G	
600		611	2085	313	1068	SS 60 60G	
700		713	2433	365	1246	SS 60 70G	
800		814	2777	417	1423	SS 60 80G	
900		916	3125	469	1601	SS 60 90G	
1000		1018	3473	521	1779	SS 60 100G	
1100		1120	3821	574	1957	SS 60 110G	
1200		1222	4169	626	2136	SS 60 120G	
1300		1323	4514	678	2312	SS 60 130G	
1400		1425	4862	730	2491	SS 60 140G	
1600		1629	5558	834	2847	SS 60 160G	
1800		1832	6251	938	3202	SS 60 180G	
2000		2036	6947	1043	3558	SS 60 200G	
2300							
2400		2443	8336	1250	4266	SS 60 240G	
750mm		300	369	1259	188	643	SS 75 30G
		400	492	1679	251	857	SS 75 40G
	500	615	2098	314	1071	SS 75 50G	
	600	738	2518	377	1286	SS 75 60G	
	700	861	2938	440	1500	SS 75 70G	
	800	984	3357	502	1714	SS 75 80G	
	900	1107	3777	565	1928	SS 75 90G	
	1000	1230	4197	628	2143	SS 75 100G	
	1200	1476	5036	754	2571	SS 75 120G	
	1400	1722	5875	879	3000	SS 75 140G	
	1600	1968	6715	1005	3428	SS 75 160G	
	900mm	400					
500							
600							
700							
800							
900							
1000							
1200							
1400							

Heat Outputs @ ΔT 50°C	Heat Outputs @ ΔT 30°C	Order Code		
			Watts	Btu/h
457	1558	238	811	SX 30 60G
761	2597	396	1351	SX 30 100G
1065	3635	554	1892	SX 30 140G
1370	4674	713	2432	SX 30 180G
482	1643	249	848	SX 40 50G
578	1971	298	1017	SX 40 60G
674	2300	348	1187	SX 40 70G
770	2629	398	1357	SX 40 80G
867	2957	447	1526	SX 40 90G
963	3286	497	1696	SX 40 100G
1059	3614	547	1865	SX 40 110G
1156	3943	596	2035	SX 40 120G
1252	4271	646	2204	SX 40 130G
1348	4600	696	2374	SX 40 140G
1541	5257	795	2713	SX 40 160G
1733	5914	895	3052	SX 40 180G
462	1578	237	808	SX 50 40G
578	1972	296	1010	SX 50 50G
694	2367	355	1212	SX 50 60G
809	2761	414	1414	SX 50 70G
925	3155	474	1616	SX 50 80G
1040	3550	533	1818	SX 50 90G
1156	3944	592	2020	SX 50 100G
1387	4733	710	2424	SX 50 120G
1618	5522	829	2828	SX 50 140G
1850	6311	947	3232	SX 50 160G
2081	7100	1066	3636	SX 50 180G
536	1829	273	932	SX 60 40G
670	2286	342	1165	SX 60 50G
804	2743	410	1398	SX 60 60G
938	3200	478	1631	SX 60 70G
1072	3658	546	1864	SX 60 80G
1206	4115	615	2097	SX 60 90G
1340	4572	683	2330	SX 60 100G
1474	5029	751	2563	SX 60 110G
1608	5486	820	2796	SX 60 120G
1742	5944	888	3030	SX 60 130G
1876	6401	956	3263	SX 60 140G
2144	7315	1093	3729	SX 60 160G
2412	8230	1229	4195	SX 60 180G
642	2192	326	1111	SX 75 40G
803	2740	407	1389	SX 75 50G
964	3288	488	1666	SX 75 60G
1124	3836	570	1944	SX 75 70G
1285	4384	651	2222	SX 75 80G
1445	4932	733	2500	SX 75 90G
1606	5480	814	2777	SX 75 100G
1927	6576	977	3333	SX 75 120G
2248	7672	1140	3888	SX 75 140G
2570	8767	1302	4444	SX 75 160G

Heat Outputs @ ΔT 50°C	Heat Outputs @ ΔT 30°C	Order Code		
			Watts	Btu/h
577	1967	295	1007	SD 30 60G
769	2623	394	1343	SD 30 80G
961	3279	492	1679	SD 30 100G
1345	4591	689	2350	SD 30 140G
1730	5902	886	3022	SD 30 180G
1922	6558	984	3357	SD 30 200G
2306	7869	1181	4029	SD 30 240G
611	2083	312	1063	SD 40 50G
733	2500	374	1275	SD 40 60G
855	2916	436	1488	SD 40 70G
977	3333	498	1701	SD 40 80G
1099	3749	561	1913	SD 40 90G
1221	4166	623	2126	SD 40 100G
1343	4583	685	2338	SD 40 110G
1465	4999	748	2551	SD 40 120G
1587	5416	810	2763	SD 40 130G
1709	5832	872	2976	SD 40 140G
1954	6666	997	3401	SD 40 160G
2198	7499	1121	3826	SD 40 180G
588	2006	298	1018	SD 50 40G
735	2508	373	1273	SD 50 50G
882	3009	448	1527	SD 50 60G
1029	3511	522	1782	SD 50 70G
1176	4013	597	2036	SD 50 80G
1323	4514	671	2291	SD 50 90G
1470	5016	746	2545	SD 50 100G
1617	5517	821	2800	SD 50 110G
1764	6019	895	3054	SD 50 120G
1911	6520	970	3309	SD 50 130G
2058	7022	1044	3563	SD 50 140G
2205	7523	1119	3818	SD 50 150G
2352	8025	1194	4073	SD 50 160G
2646	9028	1343	4582	SD 50 180G
2940	10031	1492	5091	SD 50 200G
3528	12038	1790	6109	SD 50 240G
684	2332	346	1179	SD 60 40G
855	2916	432	1474	SD 60 50G
1025	3499	518	1769	SD 60 60G
1196	4082	605	2064	SD 60 70G
1367	4665	691	2358	SD 60 80G
1538	5248	778	2653	SD 60 90G
1709	5831	864	2948	SD 60 100G
1880	6414	950	3243	SD 60 110G
2051	6997	1037	3538	SD 60 120G
2222	7580	1123	3832	SD 60 130G
2393	8164	1210	4127	SD 60 140G
2734	9330	1382	4717	SD 60 160G
3076	10496	1555	5306	SD 60 180G
3418	11662	1728	5896	SD 60 200G
4102	13995	2074	7075	SD 60 240G
617	2103	310	1058	SD 75 30G
822	2805	414	1411	SD 75 40G
1028	3506	517	1764	SD 75 50G
1233	4207	620	2117	SD 75 60G
1439	4908	724	2470	SD 75 70G
1644	5609	827	2822	SD 75 80G
1850	6310	931	3175	SD 75 90G
2055	7012	1034	3528	SD 75 100G
2466	8414	1241	4234	SD 75 120G
2877	9816	1448	4939	SD 75 140G
3288	11219	1654	5645	SD 75 160G

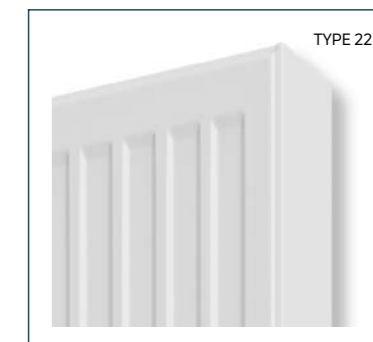
Heat Outputs @ ΔT 50°C	Heat Outputs @ ΔT 30°C	Order Code		
			Watts	Btu/h
808	2758	413	1408	ST 30 60G
1347	4596	688	2347	ST 30 100G
1616	5515	826	2817	ST 30 120G*
1886	6434	963	3286	ST 30 140G*
2425	8273	1238	4225	ST 30 180G*
2694	9192	1376	4695	ST 30 200G
1221	4166	617	2105	ST 50 60G*
1425	4860	720	2455	ST 50 70G*
1628	5555	822	2806	ST 50 80G*
1832	6249	925	3157	ST 50 90G*
2035	6943	1028	3508	ST 50 100G*
2239	7638	1131	3858	ST 50 110G*
2442	8332	1234	4209	ST 50 120G*
2849	9721	1439	4911	ST 50 140G*
3256	11109	1645	5612	ST 50 160G
3663	12498	1850	6314	ST 50 180G*
4070	13887	2056	7015	ST 50 200G*
4681	15970	2364	8067	ST 50 230G*
942	3215	473		



The VERTICAL is the ultimate space saving solution, with a traditional front panel available in a choice of four types, two heights and four lengths. They come with six connections as standard which provides a variety of central or side pipe connection options.

A range of flat front vertical radiators are also available, see page 70.

- The VERTICAL is suitable for narrow and tall wall spaces
- The VERTICAL type 10 comes without side panels



TYPE 21







TYPE 21 WITH TOWEL BAR








VERTICAL

VERTICAL

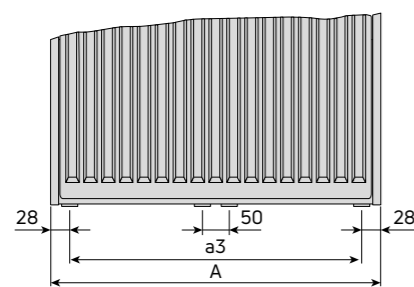
General specification & technical information

-  **CERTIFICATION**
Manufactured and tested to BS EN 442 & EN 442. Carries the CE & UKCA Mark. Produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - ISO 45001:2018.
-  **GUARANTEE**
10 year guarantee from date of purchase against manufacturing defects.
-  **COLOUR**
Finished in white (RAL 9016) as standard. Selected RAL, textured and metallic colours available to order. Please see page 246.
-  **ACCESSORIES**
Touch up paint is available to order.
-  **SYSTEM**
2 pipe pumped indirect domestic and commercial heating applications.
-  **CONNECTIONS**
6 x 1/2" BSP.
NB. Type 22 radiators have the connection valve located eccentrically in the radiator.

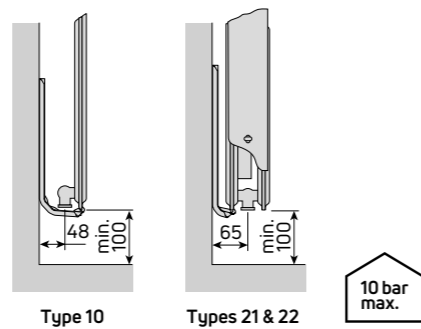
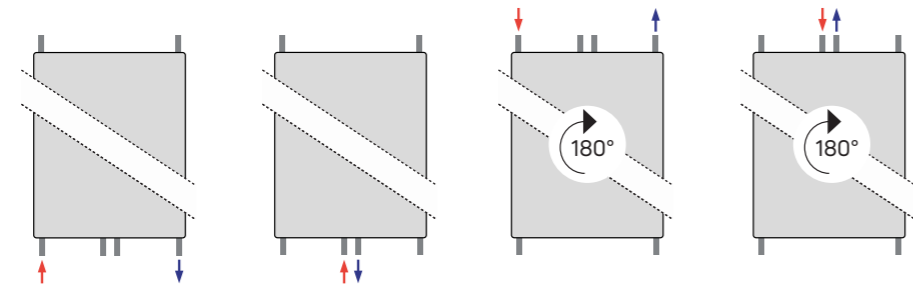
-  **AIR VENTS**
Air vent and plug packs are included in the packaging.
-  **OPERATING PRESSURES**
Tested to a pressure of 13 bar.
Working pressure of up to 10 bar.
-  **OPERATING TEMPERATURE**
Maximum 110°C.
-  **DELIVERY**
2 - 5 working days.
Non-stocked items: 2 - 3 weeks. Colours 4 - 6 weeks.
-  **VALVES**
Please see page 37.

For more general information, please see page 242.

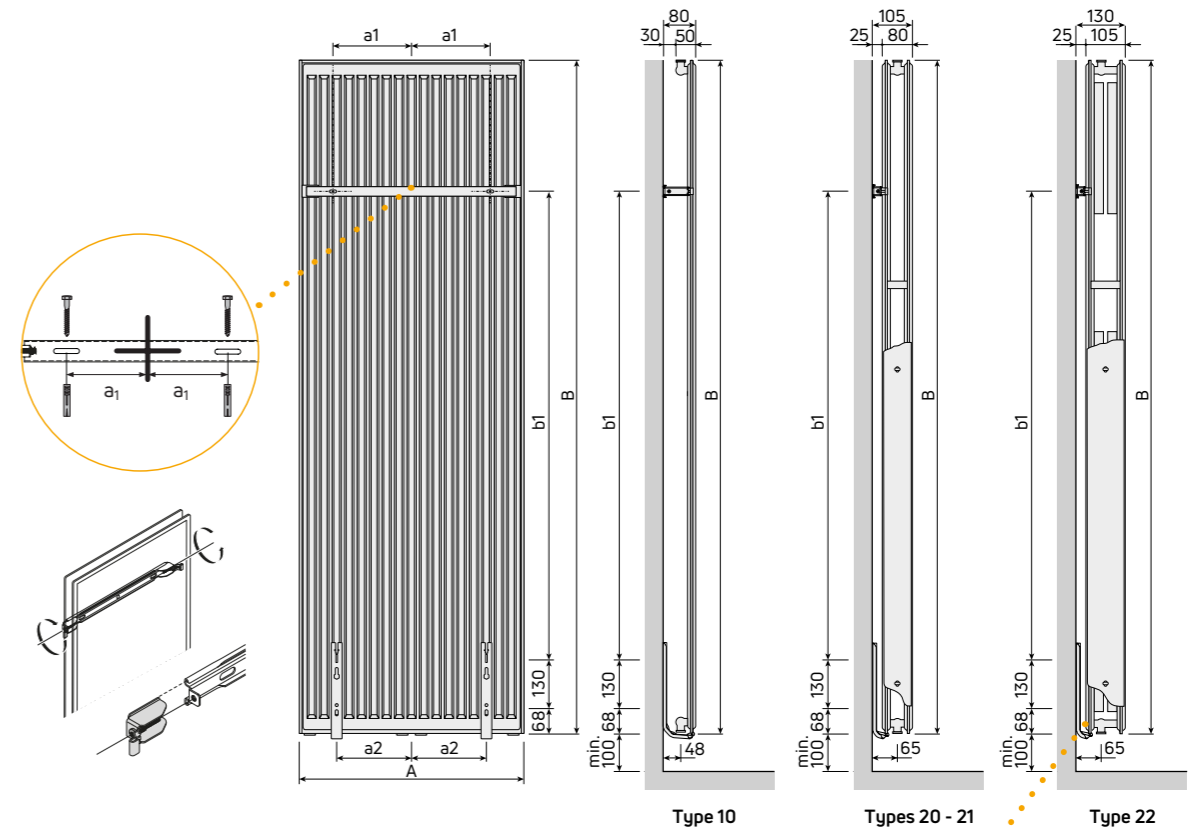
Hydronic connection



A	300	450	600	750
a3	244	394	544	694



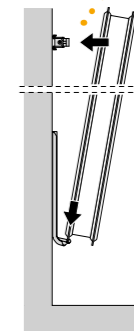
Mounting positions & dimensions



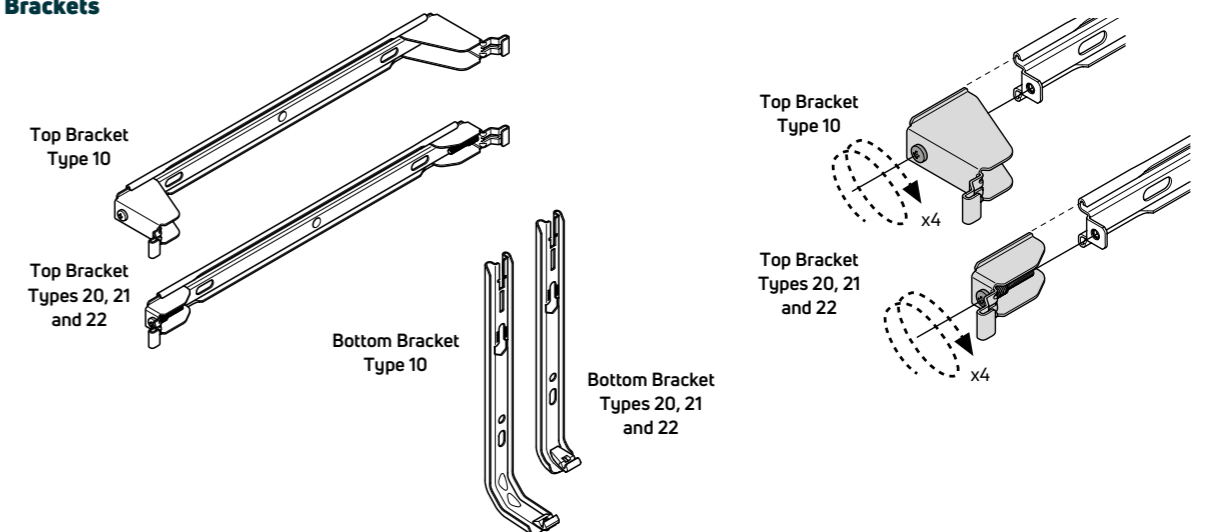
A	300	450	600	750
a1	60	135	210	285
a2	75	125	200	250

B	1800	1950
b1	1252	1402

A = width, B = height
All dimensions in mm.



Brackets



NB: ALL measurements are nominal.

VERTICAL

Heat outputs & technical information

TYPE 10



Nominal Height	Nominal Length (mm)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Weight (kg)	Water Content (l)	n-Coefficients	Order Code
		Watts	Btu/h	Watts	Btu/h				
1800mm	450	852	2907	443	1512	15.9	3.78	1.2787	VER180SP45
	600	1102	3760	571	1948	20.9	4.92	1.2877	VER180SP60
	750	1346	4593	694	2368	25.9	6.05	1.2966	VER180SP75*
1950mm	450	919	3136	477	1628	17.19	4.12	1.2837	VER195SP45
	600	1189	4057	615	2098	22.63	5.38	1.2905	VER195SP60*
	750	1452	4954	748	2552	28.08	6.65	1.2974	VER195SP75*

TYPE 20



1800mm	300	904	3084	468	1597	24.15	4.8	1.2887	VER180DP30
	450	1303	4446	671	2289	33.93	7.23	1.2980	VER180DP45
	600	1689	5763	866	2955	43.72	9.67	1.3074	VER180DP60
	750	2065	7046	1054	3596	53.5	12.1	1.3167	VER180DP75*
1950mm	300	968	3303	500	1706	26.08	4.8	1.2939	VER195DP30*
	450	1395	4760	718	2450	36.73	7.8	1.3015	VER195DP45*
	600	1807	6165	926	3160	47.38	10.4	1.3090	VER195DP60*
	750	2210	7541	1128	3849	58.03	13	1.3166	VER195DP75*

TYPE 21



1800mm	300	1036	3535	531	1812	25.75	4.8	1.3091	VER180DPX30
	450	1526	5207	779	2658	37.32	7.8	1.3157	VER180DPX45
	600	2009	6855	1022	3487	48.88	10.4	1.3222	VER180DPX60
	750	2486	8482	1261	4303	60.45	13	1.3288	VER180DPX75*
1950mm	300	1108	3780	567	1935	27.75	5.2	1.3104	VER195DPX30*
	450	1632	5568	832	2839	40.18	7.89	1.3182	VER195DPX45*
	600	2148	7329	1091	3722	52.6	10.58	1.3261	VER195DPX60*
	750	2658	9069	1345	4589	65.03	13.28	1.3340	VER195DPX75*

TYPE 22



1800mm	300	1197	4084	613	2092	28.58	4.85	1.3099	VER180DC30
	450	1774	6053	905	3088	41.18	7.28	1.3166	VER180DC45
	600	2345	8001	1193	4071	53.78	9.72	1.3233	VER180DC60
	750	2912	9936	1476	5036	66.38	12.15	1.3300	VER180DC75
1950mm	300	1268	4326	649	2214	30.55	5.25	1.3098	VER195DC30*
	450	1879	6411	960	3276	43.98	7.85	1.3149	VER195DC45
	600	2484	8475	1266	4320	57.42	10.45	1.3201	VER195DC60
	750	3084	10523	1567	5347	70.85	13.05	1.3252	VER195DC75

*Non-stock - made to order only.

Accessories

Product	Type	Finish	Order Code
VALVE SETS (Includes a nut & olive pack)			
	Angled	White	TVS-DAWH
		Chrome	TVS-DACH
		Matt Stainless Steel	TVS-DAMSS
	Straight	White	TVS-DSWH
		Chrome	TVS-DSCH
		Matt Stainless Steel	TVS-DSMSS
	Angled	White	TVS-AWH
		Chrome	TVS-ACH
		Matt Anthracite Grey	TVS-AMA
		Matt Jet Black	TVS-AMB
	Straight	White	TVS-SWH
		Chrome	TVS-SCH
		Matt Anthracite Grey	TVS-DSMA
		Matt Jet Black	TVS-DSMB
	Angled	White	TVS-VHXAWH
		Chrome	TVS-VHXACH
TOWEL BARS			
For Types 20, 21 & 22	300mm	White	VBARW300
	450mm	White	VBARW450
	600mm	White	VBARW600
	750mm	White	VBARW750

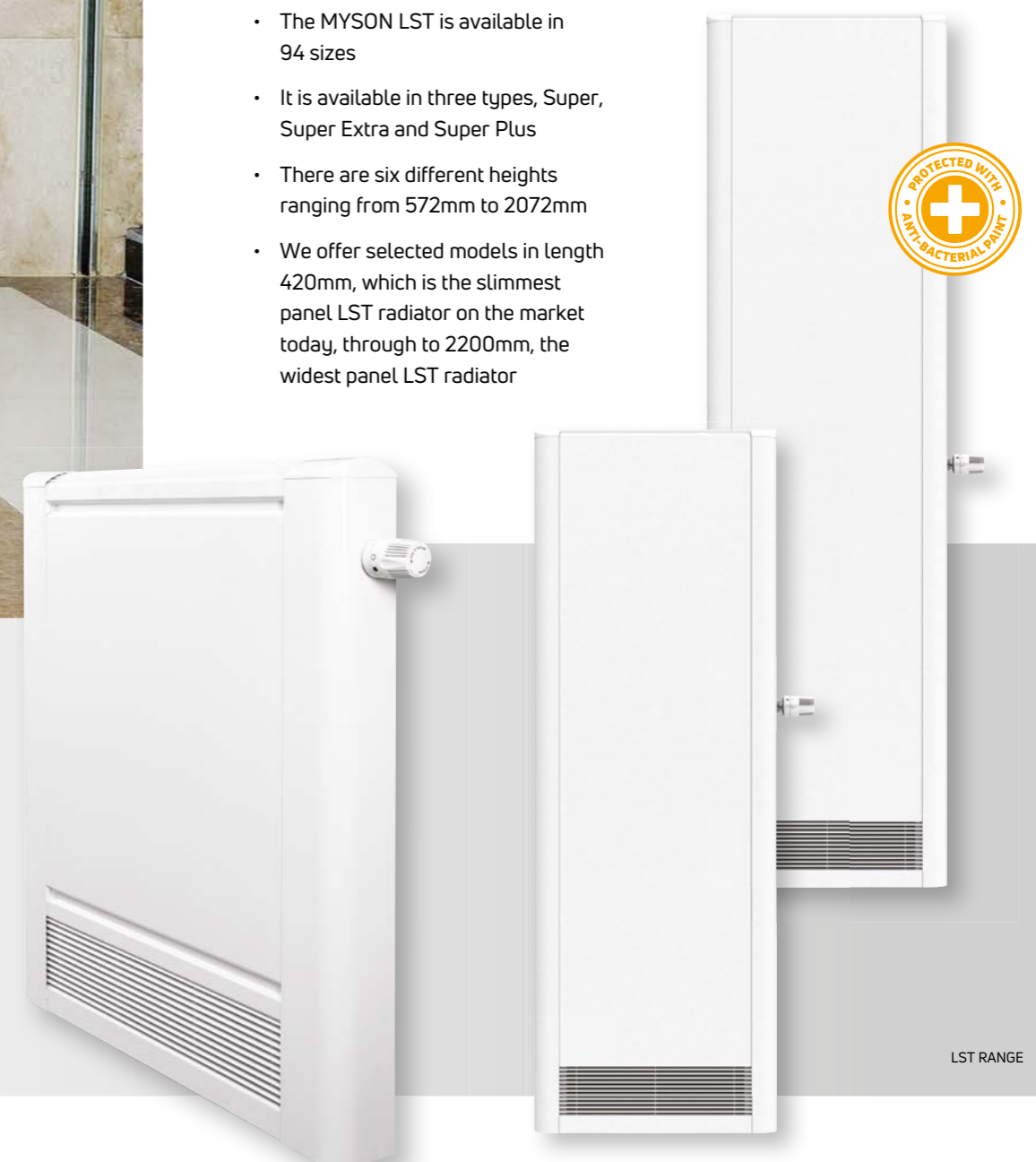
**Not to be used for top connection





The MYSON LST is the UK's most comprehensive and popular range of LST radiators, with both horizontal and vertical options available. The range is compliant with NHS Estates Guidance Notes 1998 and comes with anti-bacterial paint, making it ideal for hospital and care home applications. The LST range is also suitable for schools, student accommodation and other social housing projects as the surface temperature remains below 43°C and comes with safety conscious round steel casing, which eliminates sharp edges and ensures pipe work is concealed.

- The MYSON LST is available in 94 sizes
- It is available in three types, Super, Super Extra and Super Plus
- There are six different heights ranging from 572mm to 2072mm
- We offer selected models in length 420mm, which is the slimmest panel LST radiator on the market today, through to 2200mm, the widest panel LST radiator



LST RANGE



LST RANGE

(LOW SURFACE TEMPERATURE)

LST

General specification & technical information

-  **CERTIFICATION**
Manufactured and tested to BS EN 442 & EN 442. Carries the CE & UKCA Mark. Produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - ISO 45001:2018.
-  **GUARANTEE**
10 year guarantee from date of purchase against manufacturing defects for both the radiator and the casing.
-  **COLOUR**
All radiators are de-greased, phosphated and primer coated. An epoxy polyester finishing coat in white (RAL 9016) is applied to all front and rear surfaces.
-  **ANTI-BACTERIAL PAINT**
Coating to suppress bacterial growth.
-  **ACCESSORIES**
Touch up paint is available to order.
-  **SYSTEM**
2 pipe pumped indirect domestic and commercial heating applications.
-  **CONNECTIONS**
4 x 1/2" BSP. Please refer to control options on page 43.
-  **AIR VENTS**
Air vent and plug packs are included in the packaging.
-  **OPERATING PRESSURES**
Tested to a pressure of 10.5 bar. Working pressure of up to 8.0 bar.
-  **OPERATING TEMPERATURE**
Surface temperature below 43°C. Water inlet temperature up to 82°C.
-  **DELIVERY**
2 - 5 working days. Non-stocked items: 3 - 4 weeks.
-  **VALVES**
Please see page 43.
-  **BIM**
Visit our website for quick access to BIM Library components: www.myson.co.uk/profile/specifier

For more general information, please see page 242.

Weights & water contents per radiator - LST SUPER

Nominal Length (mm)	Nominal Height (mm)							
	572		672		872		1022	
	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
420	-	-	-	-	-	-	11.47	1.19
600	-	-	11.02	0.84	15.32	1.20	17.38	1.58
800	12.10	1.02	14.90	1.26	20.90	1.80	23.75	2.37
1000	15.22	1.36	18.80	1.68	26.50	2.40	30.16	3.16
1200	18.45	1.70	22.69	2.10	32.09	3.00	36.55	3.95
1400	21.63	2.04	26.62	2.52	37.73	3.60	42.97	4.74
1600	24.80	2.38	30.56	2.94	43.37	4.20	49.40	5.53
1800	27.94	2.72	34.53	3.36	49.04	4.80	55.86	6.32
2000	31.07	3.06	38.40	3.78	54.62	5.40	62.32	7.11
2200	-	-	42.27	4.20	60.20	6.00	-	-

Weights & water contents per radiator - LST SUPER EXTRA

Nominal Length (mm)	Nominal Height (mm)			
	672		872	
	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
600	14.63	1.72	20.39	2.48
800	19.96	2.58	28.51	3.72
1000	25.30	3.44	35.96	4.96
1200	30.84	4.30	43.88	6.20
1400	36.27	5.16	51.46	7.44
1600	41.74	6.02	60.07	8.68
1800	47.03	6.88	67.42	9.92
2000	53.19	7.74	75.03	11.16
2200	58.38	8.60	83.21	12.40

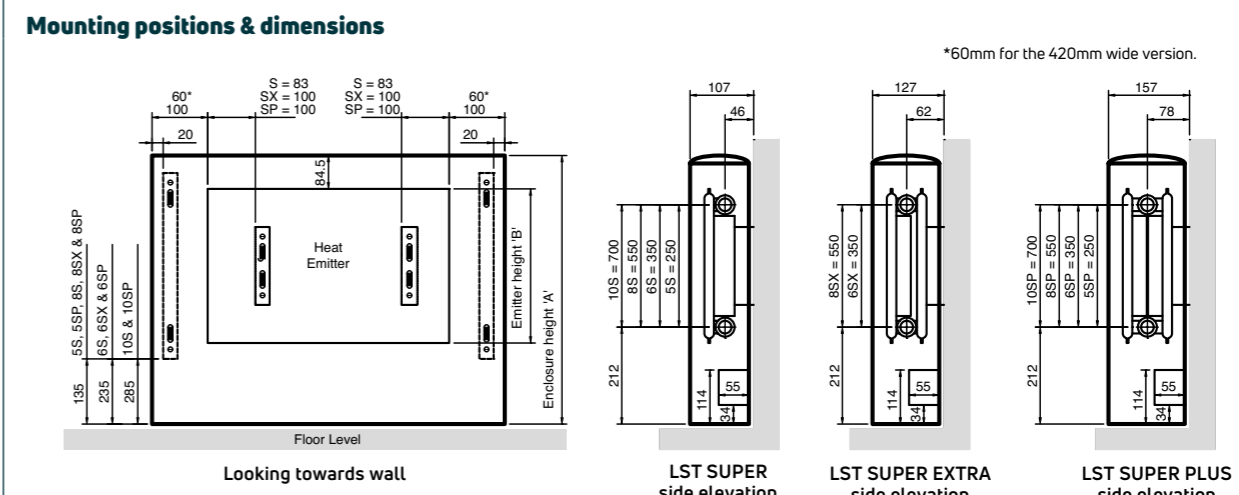
Weights & water contents per radiator - LST SUPER PLUS

Nominal Length (mm)	Nominal Height (mm)							
	572		672		872		1022	
	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
420	-	-	-	-	-	-	16.78	2.39
600	-	-	16.28	1.72	23.04	2.48	26.31	3.18
800	17.92	2.04	22.36	2.58	31.88	3.72	36.52	4.77
1000	22.70	2.72	28.44	3.44	40.72	4.96	46.75	6.36
1200	27.50	3.40	34.52	4.30	49.59	6.20	56.98	7.95
1400	32.31	4.08	40.61	5.16	58.44	7.44	67.19	9.54
1600	37.12	4.76	46.74	6.02	67.33	8.68	77.45	11.13
1800	41.80	5.44	52.88	6.88	76.24	9.92	87.73	12.72
2000	46.74	6.12	58.94	7.74	85.06	11.16	98.00	14.31
2200	-	-	65.00	8.60	93.88	12.40	-	-

n-Coefficients

Type	Nominal Height (mm)				
	572	672	872	1022	
11	LS	1.3047	1.3027	1.3093	1.3195
21	LSX	-	1.2808	1.2640	-
22	LSP	1.3319	1.3260	1.3140	1.3080

Mounting positions & dimensions



*60mm for the 420mm wide version.

Enclosure Height A (mm)	Emitter Height B (mm)
572	300
672	400
872	600
1022	750

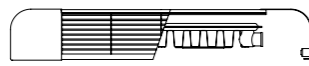
Important: It is advisable to leave a further 5mm clearance above any final floor covering to allow for easy fitting and removal.

NB: All measurements are nominal.

LST

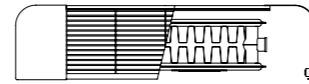
Heat outputs

LST SUPER - Nominal Depth 107mm



Nominal Height	Outer Casing Nominal Length (mm)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
		Watts	Btu/h	Watts	Btu/h	
572mm	800	277	946	139	475	5 LS 080
	1000	370	1261	186	634	5 LS 100
	1200	462	1576	232	792	5 LS 120
	1400	554	1890	278	949	5 LS 140
	1600	647	2207	325	1109	5 LS 160
	1800	739	2521	371	1266	5 LS 180
2000	832	2837	418	1426	5 LS 200	
672mm	600	243	830	123	418	6 LS 060
	800	365	1245	184	627	6 LS 080
	1000	486	1660	245	836	6 LS 100
	1200	608	2074	306	1045	6 LS 120
	1400	730	2489	368	1254	6 LS 140
	1600	851	2904	429	1463	6 LS 160
	1800	973	3319	490	1672	6 LS 180
	2000	1094	3734	551	1881	6 LS 200
2200	1216	4149	612	2088	6 LS 220*	
872mm	600	353	1205	179	610	8 LS 060
	800	530	1808	268	915	8 LS 080
	1000	706	2410	358	1221	8 LS 100
	1200	883	3013	447	1526	8 LS 120
	1400	1060	3615	537	1831	8 LS 140
	1600	1236	4218	626	2136	8 LS 160
	1800	1413	4820	716	2441	8 LS 180
	2000	1589	5423	805	2746	8 LS 200
2200	1766	6026	894	3050	8 LS 220*	
1022mm	420	353	1206	180	614	10 LS 042
	600	471	1608	240	819	10 LS 060
	800	707	2412	360	1228	10 LS 080
	1000	942	3215	480	1638	10 LS 100
	1200	1178	4019	600	2047	10 LS 120
	1400	1414	4823	720	2457	10 LS 140
	1600	1649	5627	840	2866	10 LS 160
	1800	1885	6431	960	3276	10 LS 180
	2000	2120	7235	1080	3685	10 LS 200

LST SUPER PLUS - Nominal Depth 157mm



Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
545	1861	276	942	5 LSP 080
727	2481	368	1256	5 LSP 100
909	3102	460	1571	5 LSP 120
1091	3722	552	1883	5 LSP 140
1273	4342	644	2199	5 LSP 160
1454	4961	736	2511	5 LSP 180
1636	5583	829	2827	5 LSP 200
468	1597	238	811	6 LSP 060
702	2395	357	1217	6 LSP 080
936	3194	475	1622	6 LSP 100
1170	3992	594	2028	6 LSP 120
1404	4790	713	2433	6 LSP 140
1638	5589	832	2839	6 LSP 160
1872	6387	951	3244	6 LSP 180
2106	7186	1070	3650	6 LSP 200
2340	7984	1188	4053	6 LSP 220
659	2249	337	1150	8 LSP 060
989	3374	505	1724	8 LSP 080
1318	4498	674	2299	8 LSP 100
1648	5623	842	2874	8 LSP 120
1978	6748	1011	3449	8 LSP 140
2307	7872	1179	4023	8 LSP 160
2637	8997	1348	4598	8 LSP 180
2966	10121	1516	5173	8 LSP 200
3296	11245	1684	5746	8 LSP 220
556	1896	278	948	10 LSP 042
741	2528	370	1264	10 LSP 060
1111	3791	556	1896	10 LSP 080
1482	5055	741	2528	10 LSP 100
1852	6319	926	3160	10 LSP 120
2222	7583	1111	3791	10 LSP 140
2593	8847	1296	4423	10 LSP 160
2963	10110	1482	5055	10 LSP 180
3334	11374	1667	5687	10 LSP 200

LST SUPER EXTRA - Nominal Depth 127 mm



Nominal Height	Outer Casing Nominal Length (mm)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
		Watts	Btu/h	Watts	Btu/h	
672mm	600	355	1211	184	629	6 LSX 060
	800	532	1815	277	944	6 LSX 080
	1000	710	2423	369	1258	6 LSX 100
	1200	887	3026	461	1573	6 LSX 120
	1400	1064	3630	553	1888	6 LSX 140
	1600	1242	4238	645	2202	6 LSX 160
	1800	1419	4842	738	2517	6 LSX 180
2000	1597	5449	830	2831	6 LSX 200*	
2200	1774	6053	922	3146	6 LSX 220*	
872mm	600	483	1648	253	864	8 LSX 060
	800	725	2474	380	1296	8 LSX 080
	1000	966	3296	506	1728	8 LSX 100
	1200	1208	4122	633	2160	8 LSX 120
	1400	1450	4947	760	2592	8 LSX 140
	1600	1691	5770	886	3024	8 LSX 160
	1800	1933	6595	1013	3456	8 LSX 180*
	2000	2174	7418	1139	3888	8 LSX 200*
	2200	2416	8243	1266	4320	8 LSX 220

*Non-stock - made to order only.

LST

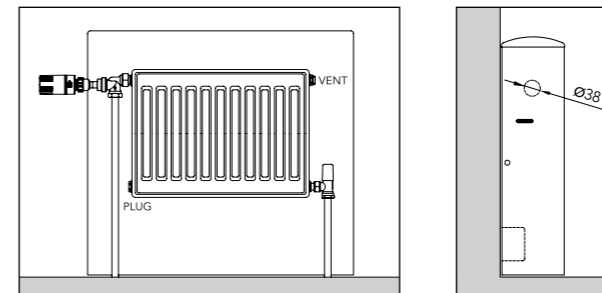
Valves & controls

MYSON offer a range of thermostatic valves designed to maximise the effectiveness of our range of Low Surface Temperature radiators. Three designs are available, the Universal Close Coupled and the Close Coupled Kit which

allows the case to be removed for cleaning without removing the TRV head, and the competitively priced Direct Fit Kit. Please see page 220 for more detailed information.

Direct fit TRV kit

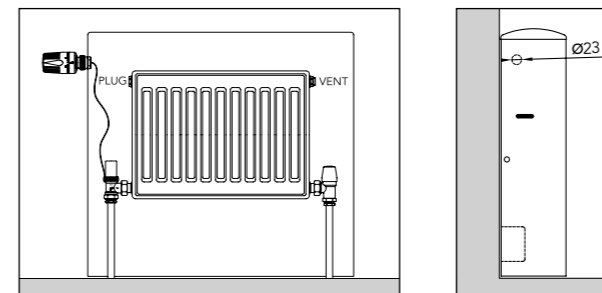
Available for all LST's **except Vertical and 420mm wide**. Suitable for TBOE connection only. This kit allows a MYSON TRV to be mounted directly onto the internal radiator, making it an integral part of the LST radiator. This option utilises the 38mm knock out in the LST casing.



- Direct Fit TRV Kit comprises:**
- 1 x Horizontal angle TRV body
 - 1 x TRV head
 - 1 x Extension adaptor
 - 1 x Plastic bush
 - 1 x MATCHMASTER lockshield valve
- Order Code:** LSTDIRECTKITUK

Close coupled TRV kit

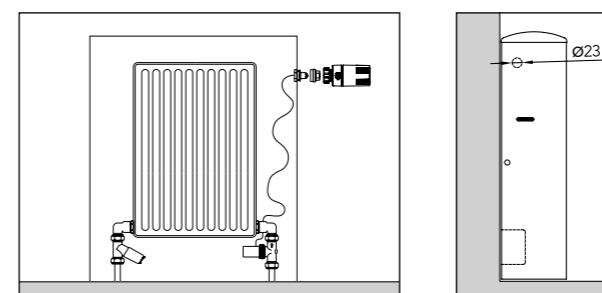
Available for all LST's **except Vertical and 420mm wide**. Suitable for TBOE, TBSE or BOE connections. This kit allows the MYSON TRV to be mounted directly onto the LST casing, with a choice of positions for both the TRV head and TRV angled valve body. This option utilises the 23mm knock out on the LST casing.



- Close Coupled TRV Kit comprises:**
- 1 x TRV head*
 - 1 x TRV angled body*
 - 1 x LST capillary unit/actuator/sensor head adaptor
 - 1 x MATCHMASTER angled lockshield valve
 - 1 x Locking tool
- Order Code:** LSTCCKITUK

Universal close coupled TRV kit

Available for all LST's. Suitable for TBOE, TBSE or BOE connections. This kit allows the MYSON TRV to be mounted directly onto the LST casing, with a choice of positions for both the TRV head and TRV straight valve body. This option utilises the 23mm knock out on the LST casing.



- Universal Close Coupled TRV Kit Comprises:**
- 1 x TRV head*
 - 1 x TRV straight body*
 - 1 x LST capillary unit/actuator/sensor head adaptor
 - 1 x MATCHMASTER straight lockshield valve
 - 2 x Integration elbows
- Order Code:** LSTUNIKITUK

*15mm compression copper only - for 1/2" iron pipe, an additional female adaptor is required.

LST VERTICAL

General specification & technical information

- CERTIFICATION**
Manufactured and tested to BS EN 442 & EN 442. Carries the CE & UKCA Mark. Produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - ISO 45001:2018.
- CONNECTIONS**
4 x 1/2" BSP. Please refer to control option on page 45.
- AIR VENTS**
Air vent and plug packs are included in the packaging.
- OPERATING PRESSURES**
Tested to a pressure of 8 bar.
Working pressure of up to 6.0 bar.
- OPERATING TEMPERATURE**
Surface temperature below 43°C.
Water inlet temperature up to 82°C.
- DELIVERY**
2 - 5 working days.
Non-stocked items: 3 - 4 weeks.
- VALVES**
Please see page 45.
- BIM**
Visit our website for quick access to BIM Library components: www.myson.co.uk/profile/specifier
- GUARANTEE**
10 year guarantee from date of purchase against manufacturing defects for both the radiator and the casing.
- COLOUR**
All radiators are de-greased, phosphated and primer coated. An epoxy polyester finishing coat in white (RAL 9016) is applied to all front and rear surfaces.
- ANTI-BACTERIAL PAINT**
Coating to suppress bacterial growth.
- ACCESSORIES**
Touch up paint is available to order.
- SYSTEM**
2 pipe pumped indirect domestic and commercial heating applications.

For more general information, please see page 242.

Weights & water contents per radiator - LST VERTICAL

Nominal Length (mm)	Nominal Height (mm)			
	1772		2072	
	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
420	55.26	5.90	61.08	6.48
570	69.89	8.85	77.14	9.72
720	84.78	11.80	90.50	12.96
870	99.25	14.75	105.87	16.20

n-Coefficients

Type	Nominal Height (mm)	
	1772	2072
22 LSP	1.3581	1.3452

Heat outputs

LST VERTICAL - Nominal Depth 157mm

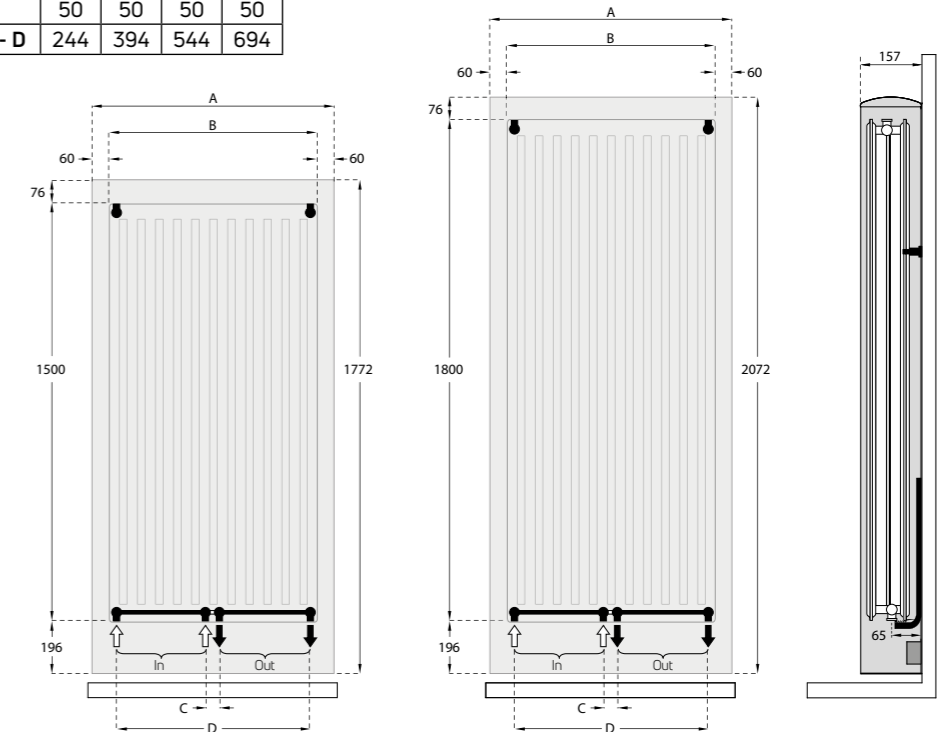


Nominal Height	Outer Casing Nominal Length (mm)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
		Watts	Btu/h	Watts	Btu/h	
1772mm	420	811	2768	405	1383	17 LSP 042
	570	1217	4152	608	2074	17 LSP 057
	720	1623	5537	811	2766	17 LSP 072
	870	2028	6921	1013	3457	17 LSP 087
2072mm	420	895	3054	450	1535	20 LSP 042*
	570	1342	4579	675	2303	20 LSP 057
	720	1789	6104	900	3071	20 LSP 072
	870	2237	7633	1125	3839	20 LSP 087

*Non-stock - made to order only.

Bracket positions & dimensions

Casing Width - A	420	570	720	870
Radiator Width - B	300	450	600	750
Centre Connections - C	50	50	50	50
Left-Right Connections - D	244	394	544	694



NB: All measurements are nominal.

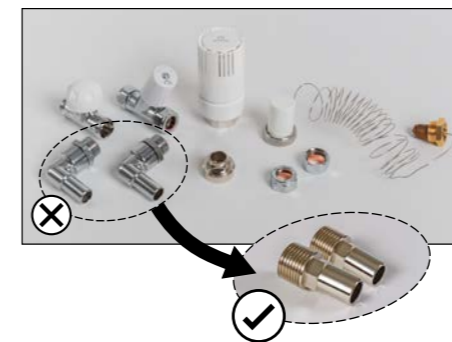
Universal Close Coupled TRV Kit (supplied separate)

LST Vertical radiators can only be fitted with the Universal Close Coupled TRV Kit:

Note: Please discard the 2 integration elbows from the Close Coupled Kit and use the straight valve tails (supplied with the Vertical LST).

Please refer to the Universal Close Coupled TRV Kit instructions for more information.

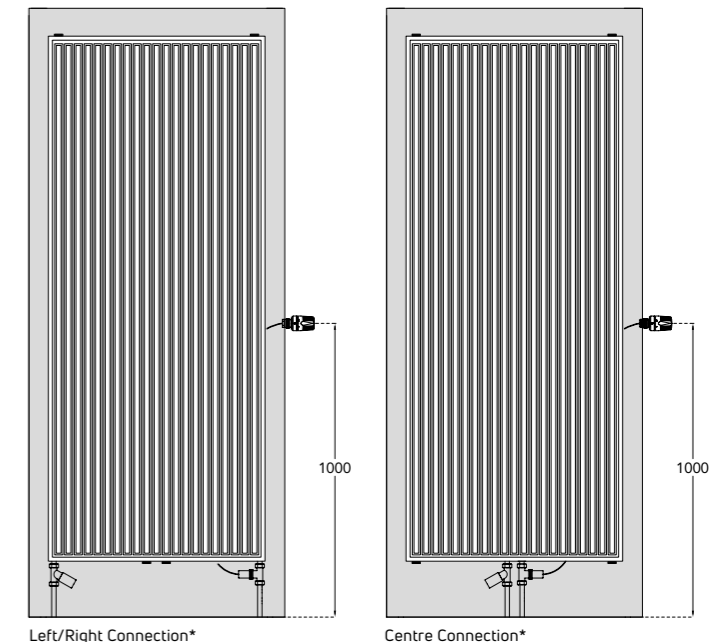
The radiator has 6 connections. Please ensure you use the plug and vents (supplied with Vertical LST) in the unused connections.



Universal Close Coupled TRV Kit comprises:

- 1 x TRV head**
- 1 x TRV straight body**
- 1 x LST capillary unit/actuator/sensor head adaptor
- 1 x MATCHMASTER straight lockshield valve
- 2 x Integration elbows

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*Flow = left and Return = right for both connection options, please refer to the diagrams above.
**15mm compression copper only - for 1/2" iron pipe, an additional female adaptor is required.