MYSON Eastern Avenue, Team Valley, Gateshead, Tyne & Wear NE11 0PG, UK
T: 0845 402 3434, F: 0191 491 7568, sales@myson.co.uk, www.myson.co.uk

SELECT Compact Radiators.

More output. More choice.

Visit **www.myson.co.uk** to download our latest brochures or call **0845 402 3434**

01.10.2012

heatingthrough**innovation.**

SELECT
Compact.

More output. More choice.

With the latest technology, great design and over 180 sizes available, the **MYSON SELECT Compact** radiator range offers a comprehensive solution to all your heating requirements. This is why **MYSON SELECT Compact** radiators are one of the most popular choices in the UK today.

If you are looking for a high output radiator that provides more heat from less space, the **MYSON SELECT Compact** range is the right choice to make any room warm and welcoming.

Our product range includes single convector (Type 11), double panel extra (Type 21) and double convector (Type 22) radiators with heights ranging from 300mm to 700mm and widths from 400mm to 2400mm. The range has recently expanded with the introduction of the **NEW MYSON SELECT Compact** triple convector (Type 33) panel radiator, available in heights 300mm, 450mm and 600mm and widths from 400mm to 2000mm. This is a clever and compact piece of engineering that has three panels and three convector fins so that it delivers nearly three times as much heat output as the type 11 radiator of the same size. All **MYSON SELECT Compact** radiators make an ideal match for all heat outputs and heat sources, including low water temperature systems such as heat pumps.

Being neat and compact in appearance with a high quality white gloss paint finish and matching side panels plus top grille, **MYSON SELECT Compact** radiators complement all types of room decor. As for their quality and performance, you can sleep easy in the knowledge that they are made in the UK by one of Europe's leading manufacturers of heating products and carry a comprehensive 10 year warranty.

Talk to us on **0845 402 3434** to learn more about how **MYSON SELECT Compact** radiators can meet all your heating needs.

heatingthrough**innovation.**

General Specifications

Approval and Certification

BS EN 442

All **MYSON SELECT Compact** radiators are manufactured and tested to BS EN 442. Every radiator carries the BS Kitemark which certifies independent approval of heat output and verifies production under a quality system to BS EN ISO 9001.

All **MYSON SELECT Compact** radiators carry a ten year guarantee from date of manufacture against defects caused by faulty materials or manufacture.

Paint Finish

Every **MYSON SELECT Compact** radiator is de-greased, phosphated and primer coated.

An epoxy polyester finishing coat in white (RAL 9016) is applied to all front and rear surfaces allowing the radiator to be fitted without further painting.

Packaging

Every **MYSON SELECT Compact** radiator has plastic corner protection with durable cardboard edge packaging as well as being fully wrapped in strong polythene. Each radiator is clearly labelled with size and type, and packed with the appropriate number of brackets.

Fixings

All **MYSON SELECT Compact** radiators are supplied with concealed wall mounting brackets. The table of dimensions gives further details.

For the correct installation of radiators it is essential that the fixing of the radiator is carried out in such a way that it is suitable for intended use AND predictable misuse. A number of elements need to be taken into consideration including the fixing method used to secure the radiator to the wall, the type and condition of the wall itself, and any additional potential forces or weights that may happen to be applied to the radiator, prior to finalising installation. **IN ALL CASES IT IS STRONGLY RECOMMENDED THAT A SUITABLY QUALIFIED PROFESSIONAL INSTALLER OR SIMILAR TRADESPERSON CARRIES OUT THE INSTALLATION.**

PLEASE NOTE: The fixing materials provided are only intended for installation on walls made of solid wood, bricks, concrete or on timber-frame stud walls where the fixing is into the timber. All walls being considered should have no more than a maximum of 3mm wall finishing. For walls made of other materials, for example hollow bricks, please consult your installer and/or specialist supplier. **ONCE AGAIN, IF YOU ARE UNSURE, IT IS STRONGLY RECOMMENDED THAT A SUITABLY QUALIFIED PROFESSIONAL INSTALLER OR SIMILAR TRADESPERSON CARRIES OUT THE INSTALLATION.**

Accessories

Touch up Paint
A handy 12ml container of touch up paint with integral brush applicator in RAL 9016 is available on request.

Air Vent Key
An alloy key for bleeding and venting is available on request.

Application

MYSON SELECT Compact radiators are for use on two pipe pumped indirect domestic and commercial central heating installations, with a maximum working temperature of 100°C. The system should be designed in accordance with BS EN 12828:2003 or BS EN 12831:2003 as appropriate, with particular care taken to avoid air entry or water discharge.

We do not recommend the use of single feed indirect cylinders, as the possibility of aeration due to water interchange may lead to corrosion.

The installation work must be carried out in accordance with recognised good practice, and precautions taken to avoid contamination which could lead to corrosion. If a corrosion inhibitor or other water treatment is to be used, the Manufacturer's Instructions must be strictly followed.

The recommendations of BS 7593, Code of Practice for treatment of water in domestic hot water central heating systems, should be followed where appropriate.

Safety Precautions

Radiators are hot when in use, and as such, present a risk of burns to users on prolonged contact. The temperature of a radiator is dependent on the temperature of the system water, as set by the system installer or user. Installers and users should ensure that those who may come into close proximity to hot radiators are aware of the risk of burns. Installers and users should take all necessary steps to minimise the risks of burns. If the risk is significant, consideration should be given to installing low surface temperature radiators, or to placing guards in front of the radiators.

Heat Output

Careful design of an optimum profile for the convector plate, and welding directly onto the wet and dry sections of the radiator, have combined to give high heat output per surface area of radiator.

The heat outputs shown in the table below are based on a mean water to air temperature difference of 50°C. When the difference is not 50°C, the output should be multiplied by the appropriate factor from within the table:

Centigrade	Factor	Fahrenheit
20°C	0.30	36°F
25°C	0.41	45°F
30°C	0.51	54°F
35°C	0.63	63°F
40°C	0.75	72°F
45°C	0.87	81°F
50°C	1.00	90°F
55°C	1.13	99°F
60°C	1.27	108°F
65°C	1.41	117°F
70°C	1.55	126°F

Example:

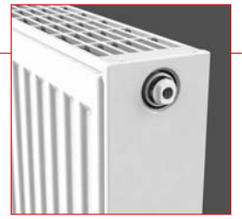
Heat emission required: 2000 Watts
Room air temperature required: 20°C
Mean water temperature in radiator: 65°C

1. Temperature difference = 65-20 = 45°C

2. From Factor Table 45°C gives a factor of: 0.87

3. Divide required heat emission by factor $= \frac{2000}{0.87}$ = 2298 Watts

4. From selection tables choose any radiator rated at 2298 Watts or more.



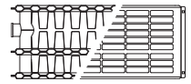
Type 33G Coming Soon!

Single Convector - Type 11G
(with factory fitted top grille and side panels)

Double Panel "Xtra" - Type 21G
(with factory fitted top grille and side panels)

Double Convector - Type 22G
(with factory fitted top grille and side panels)

Triple Convector - Type 33G
(with factory fitted top grille and side panels)



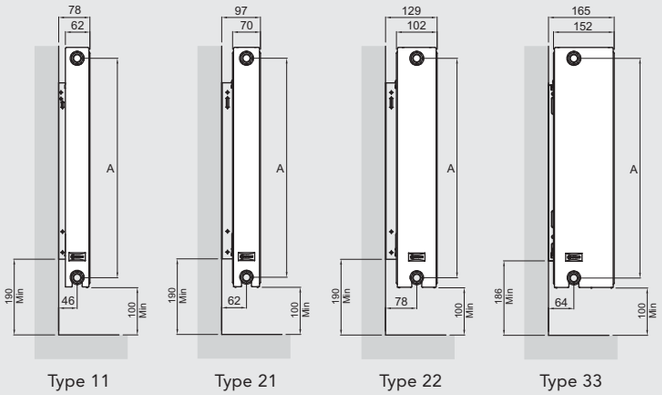
	Nominal Length (mm - inches)	Single Convector - Type 11G: Heat Outputs @ ΔT 50°C Watts	Single Convector - Type 11G: Heat Outputs @ ΔT 50°C Btu/h	Single Convector - Type 11G: Heat Outputs @ ΔT 30°C Watts	Single Convector - Type 11G: Heat Outputs @ ΔT 30°C Btu/h	Single Convector - Type 11G: Order Code	Double Panel "Xtra" - Type 21G: Heat Outputs @ ΔT 50°C Watts	Double Panel "Xtra" - Type 21G: Heat Outputs @ ΔT 50°C Btu/h	Double Panel "Xtra" - Type 21G: Heat Outputs @ ΔT 30°C Watts	Double Panel "Xtra" - Type 21G: Heat Outputs @ ΔT 30°C Btu/h	Double Panel "Xtra" - Type 21G: Order Code	Double Convector - Type 22G: Heat Outputs @ ΔT 50°C Watts	Double Convector - Type 22G: Heat Outputs @ ΔT 50°C Btu/h	Double Convector - Type 22G: Heat Outputs @ ΔT 30°C Watts	Double Convector - Type 22G: Heat Outputs @ ΔT 30°C Btu/h	Double Convector - Type 22G: Order Code	Triple Convector - Type 33G: Heat Outputs @ ΔT 50°C Watts	Triple Convector - Type 33G: Heat Outputs @ ΔT 50°C Btu/h	Triple Convector - Type 33G: Heat Outputs @ ΔT 30°C Watts	Triple Convector - Type 33G: Heat Outputs @ ΔT 30°C Btu/h	Triple Convector - Type 33G: Order Code
Nominal Height 300 mm	600 - 24	328	1119	169	576	SS 30 60G	461	1572	238	813	SX 30 60G	580	1978	297	1012	SD 30 60G	808	2758	413	1409	ST 30 60G
	1000 - 39	546	1863	281	958	SS 30 100G	768	2620	397	1355	SX 30 100G	966	3296	494	1687	SD 30 100G	1347	4597	688	2349	ST 30 100G
	1400 - 55	764	2607	393	1341	SS 30 140G	1075	3669	556	1897	SX 30 140G	1352	4614	692	2362	SD 30 140G					
	1800 - 71	983	3354	506	1726	SS 30 180G	1382	4717	715	2439	SX 30 180G	1739	5933	890	3037	SD 30 180G					
	2000 - 79	1092	3726	562	1917	SS 30 200G						1932	6592	989	3374	SD 30 200G	2694	9195	1377	4698	ST 30 200G
	2400 - 94	1310	4470	674	2300	SS 30 240G						2318	7910	1187	4049	SD 30 240G					
Nominal Height 400 mm	500 - 20	356	1215	183	625	SS 40 50G	486	1658	250	853	SX 40 50G	616	2102	314	1070	SD 40 50G					
	600 - 24	427	1457	220	749	SS 40 60G	583	1990	300	1024	SX 40 60G	739	2522	376	1284	SD 40 60G					
	700 - 28	498	1699	256	874	SS 40 70G	680	2322	350	1195	SX 40 70G	862	2943	439	1498	SD 40 70G					
	800 - 31	569	1941	293	998	SS 40 80G	778	2653	400	1366	SX 40 80G	986	3363	502	1712	SD 40 80G					
	900 - 35	640	2184	329	1123	SS 40 90G	875	2985	450	1536	SX 40 90G	1109	3783	564	1926	SD 40 90G					
	1000 - 39	711	2426	366	1247	SS 40 100G	972	3316	500	1707	SX 40 100G	1232	4204	627	2140	SD 40 100G					
	1100 - 43	782	2668	402	1372	SS 40 110G	1069	3648	550	1878	SX 40 110G	1355	4624	690	2354	SD 40 110G					
	1200 - 47	853	2910	439	1496	SS 40 120G	1166	3980	600	2048	SX 40 120G	1478	5044	753	2568	SD 40 120G					
	1300 - 51	924	3153	475	1621	SS 40 130G	1264	4311	650	2219	SX 40 130G	1602	5465	815	2782	SD 40 130G					
	1400 - 55	995	3395	512	1746	SS 40 140G	1361	4643	700	2390	SX 40 140G	1725	5885	878	2996	SD 40 140G					
	1600 - 63	1138	3883	585	1996	SS 40 160G	1555	5306	800	2731	SX 40 160G	1971	6726	1003	3424	SD 40 160G					
	1800 - 71	1280	4367	658	2246	SS 40 180G	1750	5970	901	3073	SX 40 180G	2218	7566	1129	3852	SD 40 180G					
Nominal Height 450 mm	600 - 24																1019	3479	518	1767	ST 45 60G
	800 - 31																1359	4639	690	2356	ST 45 80G
	1000 - 39																1699	5799	863	2945	ST 45 100G
	1200 - 47																2039	6958	1036	3535	ST 45 120G
	1400 - 55																2379	8118	1209	4124	ST 45 140G
	1600 - 63																2718	9278	1381	4712	ST 45 160G
	1800 - 71																3058	10438	1554	5301	ST 45 180G
	2000 - 79																3398	11597	1726	5891	ST 45 200G
Nominal Height 500 mm	400 - 16	347	1184	178	608	SS 50 40G	467	1593	239	816	SX 50 40G	594	2027	301	1026	SD 50 40G					
	500 - 20	434	1481	223	761	SS 50 50G	584	1991	299	1020	SX 50 50G	743	2533	376	1283	SD 50 50G					
	600 - 24	521	1778	268	914	SS 50 60G	700	2389	359	1224	SX 50 60G	891	3040	451	1539	SD 50 60G					
	700 - 28	608	2074	312	1066	SS 50 70G	817	2787	418	1428	SX 50 70G	1040	3547	526	1796	SD 50 70G					
	800 - 31	694	2368	357	1217	SS 50 80G	934	3185	478	1632	SX 50 80G	1188	4053	601	2052	SD 50 80G					
	900 - 35	781	2665	401	1369	SS 50 90G	1050	3584	538	1836	SX 50 90G	1337	4560	677	2309	SD 50 90G					
	1000 - 39	868	2962	446	1522	SS 50 100G	1167	3982	598	2040	SX 50 100G	1485	5067	752	2565	SD 50 100G					
	1100 - 43	955	3258	491	1674	SS 50 110G						1634	5574	827	2822	SD 50 110G					
	1200 - 47	1042	3555	535	1827	SS 50 120G	1400	4778	717	2448	SX 50 120G	1782	6080	902	3078	SD 50 120G					
	1400 - 55	1215	4146	624	2130	SS 50 140G	1634	5575	837	2856	SX 50 140G	2079	7094	1053	3591	SD 50 140G					
	1600 - 63	1389	4739	714	2435	SS 50 160G	1867	6371	957	3264	SX 50 160G	2376	8107	1203	4104	SD 50 160G					
	1800 - 71	1562	5330	803	2739	SS 50 180G	2101	7167	1076	3672	SX 50 180G	2673	9120	1353	4617	SD 50 180G					
	2000 - 79	1736	5923	892	3044	SS 50 200G						2970	10134	1504	5130	SD 50 200G					
	2400 - 94	2083	7107	1070	3652	SS 50 240G						3564	12160	1804	6156	SD 50 240G					
Nominal Height 600 mm	400 - 16	407	1389	208	711	SS 60 40G	542	1849	276	943	SX 60 40G	691	2357	348	1187	SD 60 40G	942	3216	473	1614	ST 60 40G
	500 - 20	509	1737	261	890	SS 60 50G	678	2312	345	1179	SX 60 50G	864	2946	435	1483	SD 60 50G					
	600 - 24	611	2085	313	1068	SS 60 60G	813	2774	415	1414	SX 60 60G	1036	3536	522	1780	SD 60 60G	1414	4825	710	2423	ST 60 60G
	700 - 28	713	2433	365	1246	SS 60 70G	949	3236	484	1650	SX 60 70G	1209	4125	609	2077	SD 60 70G					
	800 - 31	814	2777	417	1423	SS 60 80G	1084	3699	553	1886	SX 60 80G	1382	4714	696	2374	SD 60 80G	1885	6433	947	3229	ST 60 80G
	900 - 35	916	3125	469	1601	SS 60 90G	1220	4161	622	2122	SX 60 90G	1554	5303	783	2670	SD 60 90G					
	1000 - 39	1018	3473	521	1779	SS 60 100G	1355	4623	691	2357	SX 60 100G	1727	5893	870	2967	SD 60 100G	2356	8041	1183	4036	ST 60 100G
	1100 - 43	1120	3821	574	1957	SS 60 110G	1491	5086	760	2593	SX 60 110G	1900	6482	957	3264	SD 60 110G					
	1200 - 47	1222	4169	626	2136	SS 60 120G	1626	5548	829	2829	SX 60 120G	2072	7071	1043	3560	SD 60 120G	2827	9649	1420	4843	ST 60 120G
	1300 - 51	1323	4514	678	2312	SS 60 130G	1762	6010	898	3065	SX 60 130G	2245	7660	1130	3857	SD 60 130G					
	1400 - 55	1425	4862	730	2491	SS 60 140G	1897	6473	967	3300	SX 60 140G	2418	8250	1217	4154	SD 60 140G	3298	11257	1656	5650	ST 60 140G
	1600 - 63	1629	5558	834	2847	SS 60 160G	2168	7397	1105	3772	SX 60 160G	2763	9428	1391	4747	SD 60 160G	3770	12866	1893	6459	ST 60 160G
	1800 - 71	1832	6251	938	3202	SS 60 180G	2439	8322	1244	4243	SX 60 180G	3109	10607	1565	5341	SD 60 180G	4241	14474	2130	7266	ST 60 180G
	2000 - 79	2036	6947	1043	3558	SS 60 200G						3454	11785	1739	5934	SD 60 200G	4712	16082	2366	8073	ST 60 200G
	2400 - 94	2443	8336	1251	4270	SS 60 240G						4145	14142	2087	7121	SD 60 240G					
Nominal Height 700 mm	400 - 16	464	1583	237	808	SS 70 40G	615	2098	312	1065	SX 70 40G	783	2672	393	1342	SD 70 40G					
	500 - 20	581	1982	297	1012	SS 70 50G	769	2622	390	1332	SX 70 50G	979	3340	492	1678	SD 70 50G					
	600 - 24	697	2378	356	1214	SS 70 60G	922	3147	468	1598	SX 70 60G	1175	4008	590	2013	SD 70 60G					
	700 - 28	813	2774	415	1416	SS 70 70G	1076	3671	546	1864	SX 70 70G	1371	4676	688	2349	SD 70 70G					
	800 - 31	929	3170	474	1619	SS 70 80G	1230	4195	624	2131	SX 70 80G	1566	5345	787	2684	SD 70 80G					
	900 - 35	1045	3566	534	1821	SS 70 90G	1383	4720	703	2397	SX 70 90G	1762	6013	885	3020	SD 70 90G					
	1000 - 39	1161	3961	593	2023	SS 70 100G	1537	5244	781	2663	SX 70 100G	1958	6681	983	3355	SD 70 100G					
	1200 - 47	1393	4753	711	2427	SS 70 120G	1844	6293	937	3196	SX 70 120G	2350	8017	1180	4026	SD 70 120G					
	1400 - 55	1625	5545	830	2831	SS 70 140G	2152	7342	1093	3729	SX 70 140G	2741	9353	1377	4697	SD 70 140G					
	1600 - 63	1858	6339	949	3237	SS 70 160G	2459	8391	1249	4262	SX 70 160G	3133	10689	1573	5368	SD 70 160G					

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C and 30°C.

Weight and Water Contents per Metre Length

Type		Height (mm) 300 Weight (kg)	300 Water Content (l)	400 Weight (kg)	400 Water Content (l)	450 Weight (kg)	450 Water Content (l)	500 Weight (kg)	500 Water Content (l)	600 Weight (kg)	600 Water Content (l)	700 Weight (kg)	700 Water Content (l)
11G	SSG	8.4	1.7	11.2	2.1	N/A	N/A	13.8	2.6	16.7	3.0	19.3	3.5
21G	SXG	14.1	3.4	18.7	4.3	N/A	N/A	23.2	5.2	27.9	6.2	32.3	7.0
22G	SDG	15.8	3.4	21.2	4.3	N/A	N/A	26.6	5.2	32.0	6.2	37.3	7.0
33G	STG	24.5	5.1	N/A	N/A	37.4	7.5	N/A	N/A	50.2	9.8	N/A	N/A

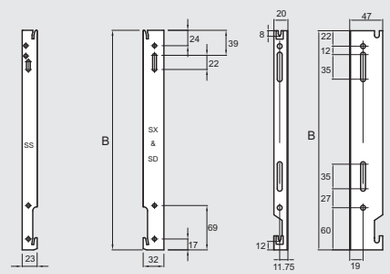
Mounting Positions, Dimensions and Wall Brackets



Type 11 | Type 21 | Type 22 | Type 33

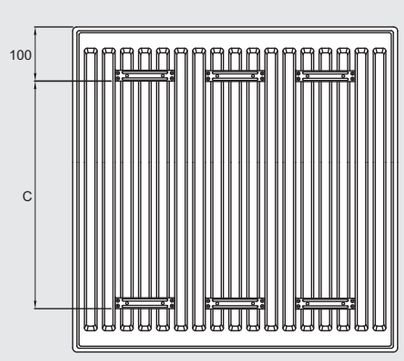
Wall Brackets

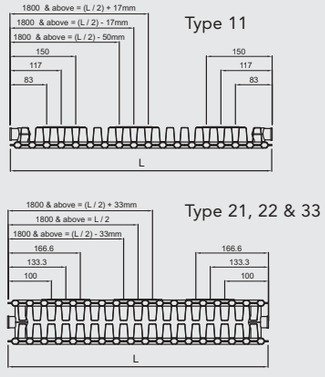
Type 11 only | Type 21 & 22 | Type 33 only



Nominal Height (mm)	A (mm)	B (mm)
300	250	142
400	350	242
450	400	292
500	450	342
600	550	442
700	650	542

Bracket Positions and Dimensions





Nominal Height (mm)	C (mm)
300	120
400	220
450	270
500	320
600	420
700	520

Connections

All **MYSON SELECT Compact** radiators are fitted with 4 - ½ inch BSP connections.

Air Vents

An air vent and plug are packed with every radiator.

Operating Pressures

Every **MYSON SELECT Compact** radiator is tested to a pressure of 10.5 bar (152.5 psi) and is suitable for a working pressure of up to 8.0 bar (117.1 psi).

Notes