

PLAN PLUS VERTICAL



PLAN PLUS



PLAN  
VERTICAL



## PLAN & PLAN PLUS

PLAN



The PLAN range offers a contemporary alternative to the traditional panel radiator. Achieving a radiator range that has a minimalist feel, combining good looks with leading performance.













The sleek flat front panel design of the PLAN offers a contemporary alternative to the traditional panel radiator. Whilst maintaining all of the benefits, the PLAN PLUS model takes this modern styling one step further with a decorative, rather than flat, front panel. Both models feature side panels and top grille.

The PLAN Vertical and PLAN PLUS Vertical both feature the same front panel design as the PLAN & PLAN PLUS, however, have the addition of curved rather than straight side panels.

- Available in 5 heights and 14 lengths, ranging from 400mm to 3000mm, the PLAN range comes in over 136 stocked sizes, while the PLUS range is offered in 94 stocked sizes
- Both models feature Type 11, Type 21 and Type 22 profiles, with the PLAN additionally available as a Type 33 profile (vertical models are only available in Type 21 & 22)

## PLAN & PLAN PLUS

### GENERAL SPECIFICATION & TECHNICAL INFORMATION

-  **CERTIFICATION**  
Manufactured and tested to BS EN 442. Carries the BS Kitemark. Produced under a quality management system - ISO 9001:2008 and environmental management system - ISO 14001:2004.
-  **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 available on request.
-  **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 13 bar. Working pressure of up to 10 bar.
-  **OPERATING TEMPERATURE**  
Maximum 100°C.
-  **DELIVERY**  
2 - 5 working days.
-  **VALVES**  
Please see page 205.
-  **BIM**  
Visit our website to download the BIM components [www.myson.co.uk/bim](http://www.myson.co.uk/bim)

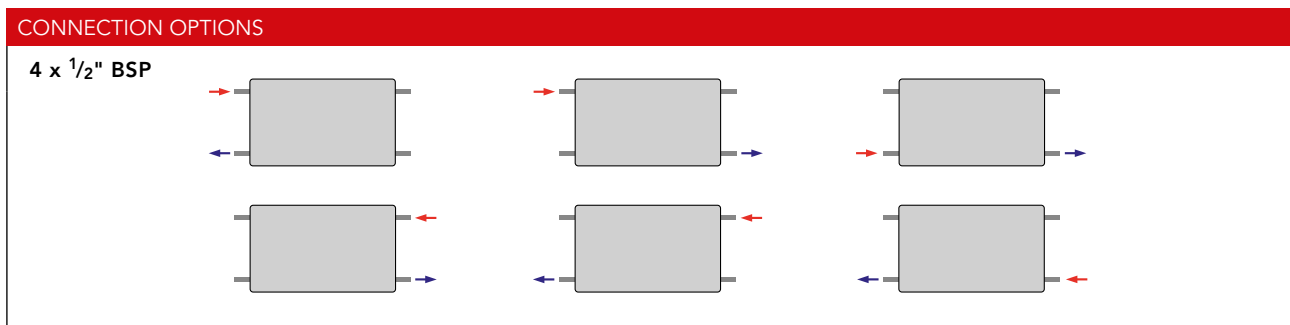
For more general information, please see page 250.

WEIGHTS & WATER CONTENTS PER METRE LENGTH								
Type	Nominal Height (mm)							
	300		400		500		600	
	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
11	11.70	1.50	16.10	2.20	20.50	2.90	24.80	3.40
21	-	-	-	-	23.70*	5.20*	33.70	6.10
22	19.10	3.20	25.10	4.20	31.50	5.20	38.00	6.10
33*	26.90	5.10	36.70	6.30	42.20	7.50	56.40	8.80

\*PLAN only.

n-COEFFICIENTS				
Type	Nominal Height (mm)			
	300	400	500	600
11	1.2820	1.2824	1.2827	1.2831
21	-	-	1.2907*	1.2967
22	1.3000	1.3098	1.3197	1.3295
33*	1.3159	1.3245	1.3331	1.3417

\*PLAN only.



### MOUNTING POSITIONS & DIMENSIONS

Type 11

Type 21

Type 22

Type 33  
(PLAN only)

Nominal Height (mm)	A (mm)
300	250
400	350
500	450
600	550

**Top View**

### BRACKET POSITIONS & DIMENSIONS

Type 21, 22, 33

Type 11

Bracket for use on - Type 11 and 33

Bracket for use on - Type 21 and 22

Nominal Height (mm)	B (mm)
300	153
400	253
500	353
600	453

### FLOOR BRACKETS

**Floor Brackets**

H = 470  
 D = 100  
 W = 100

Floor brackets for Types 21, 22 and 33:

Radiator to wall distance: Any

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

**Order Code: RH033 (single piece)**

Height 300 - 600mm		Height 700mm	
Radiator length (mm)	Quantity of floor brackets	Radiator length (mm)	Quantity of floor brackets
400 - 1800	2	300 - 1200	2
2000 - 2400	3	1400 - 1600	3

NB: All measurements are nominal.

PLAN

HEAT OUTPUTS

Type 11

Nominal Height	Nominal Length (mm)
300mm	600
	1000
	1400
	2000
400mm	400
	600
	800
	1000
	1200
	1400
	1600
500mm	400
	600
	800
	1000
	1200
	1400
	1600
600mm	400
	600
	800
	1000
	1200
	1400
	1600
	1800
	2000
	2300
	2600
	3000

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
317	1082	165	563	30 PS 60G
529	1805	275	938	30 PS 100G
741	2528	385	1314	30 PS 140G
1058	3610	550	1877	30 PS 200G
272	928	141	481	40 PS 40G
408	1392	212	723	40 PS 60G
544	1856	283	966	40 PS 80G
680	2320	353	1204	40 PS 100G
816	2784	424	1447	40 PS 120G
952	3248	494	1686	40 PS 140G
1088	3712	565	1928	40 PS 160G
1224	4176	636	2170	40 PS 180G
1360	4640	706	2409	40 PS 200G
329	1123	171	583	50 PS 40G
494	1686	256	873	50 PS 60G
658	2245	342	1167	50 PS 80G
823	2808	427	1457	50 PS 100G
988	3371	513	1750	50 PS 120G
1152	3931	598	2040	50 PS 140G
1317	4494	684	2334	50 PS 160G
1481	5053	769	2624	50 PS 180G
1646	5616	855	2917	50 PS 200G
384	1310	200	682	60 PS 40G
577	1969	299	1020	60 PS 60G
769	2624	399	1361	60 PS 80G
961	3279	499	1703	60 PS 100G
1153	3934	599	2044	60 PS 120G
1345	4589	699	2385	60 PS 140G
1538	5248	798	2723	60 PS 160G
1730	5903	898	3064	60 PS 180G
1922	6558	998	3405	60 PS 200G
2210	7541	1148	3917	60 PS 230G
2499	8527	1297	4425	60 PS 260G
2883	9837	1497	5108	60 PS 300G

Type 21

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
445	1518	230	785	50 PX 40G
668	2279	345	1177	50 PX 60G
890	3037	461	1573	50 PX 80G
1113	3798	576	1965	50 PX 100G
1336	4558	691	2358	50 PX 120G
1558	5316	806	2750	50 PX 140G
1781	6077	921	3142	50 PX 160G
2003	6834	1036	3535	50 PX 180G
2226	7595	1151	3927	50 PX 200G
515	1757	266	908	60 PX 40G
773	2637	398	1358	60 PX 60G
1030	3514	531	1812	60 PX 80G
1288	4395	664	2266	60 PX 100G
1546	5275	797	2719	60 PX 120G
1803	6152	930	3173	60 PX 140G
2061	7032	1063	3627	60 PX 160G
2318	7909	1195	4077	60 PX 180G
2576	8789	1328	4531	60 PX 200G
2962	10106	1527	5210	60 PX 230G
3349	11427	1727	5893	60 PX 260G
3864	13184	1992	6797	60 PX 300G

Type 22

Nominal Height	Nominal Length (mm)
300mm	600
	1000
	1400
	2000
400mm	400
	600
	800
	1000
	1200
	1400
	1600
500mm	400
	600
	800
	1000
	1200
	1400
	1600
600mm	400
	600
	800
	1000
	1200
	1400
	1600
	1800
	2000
	2300
	2600
	3000

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
562	1918	289	986	30 PD 60G
937	3197	483	1648	30 PD 100G
1312	4477	675	2303	30 PD 140G
1874	6394	965	3293	30 PD 200G
479	1634	245	836	40 PD 40G
719	2453	368	1256	40 PD 60G
958	3269	491	1675	40 PD 80G
1198	4088	614	2095	40 PD 100G
1438	4906	736	2511	40 PD 120G
1677	5722	859	2931	40 PD 140G
1917	6541	982	3351	40 PD 160G
2156	7356	1104	3767	40 PD 180G
2396	8175	1227	4187	40 PD 200G
578	1972	294	1003	50 PD 40G
866	2955	442	1508	50 PD 60G
1155	3941	589	2010	50 PD 80G
1444	4927	736	2511	50 PD 100G
1733	5913	883	3013	50 PD 120G
2022	6899	1030	3514	50 PD 140G
2310	7882	1177	4016	50 PD 160G
2599	8868	1325	4521	50 PD 180G
2888	9854	1472	5022	50 PD 200G
670	2286	340	1160	60 PD 40G
1006	3432	510	1740	60 PD 60G
1341	4575	680	2320	60 PD 80G
1676	5719	850	2900	60 PD 100G
2011	6862	1020	3480	60 PD 120G
2346	8005	1190	4060	60 PD 140G
2682	9151	1360	4640	60 PD 160G
3017	10294	1530	5220	60 PD 180G
3352	11437	1700	5800	60 PD 200G
3855	13153	1955	6670	60 PD 230G
4358	14869	2210	7541	60 PD 260G
5028	17156	2549	8697	60 PD 300G

Type 33

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
788	2689	403	1375	30 PT 60G
1314	4483	671	2289	30 PT 100G
1840	6278	939	3204	30 PT 140G
2628	8967	1342	4579	30 PT 200G
666	2272	339	1157	40 PT 40G
1000	3412	508	1733	40 PT 60G
1333	4548	678	2313	40 PT 80G
1666	5684	847	2890	40 PT 100G
1999	6821	1016	3467	40 PT 120G
2332	7957	1186	4047	40 PT 140G
2666	9096	1355	4623	40 PT 160G
2999	10233	1524	5200	40 PT 180G
3332	11369	1694	5780	40 PT 200G
798	2723	404	1378	50 PT 40G
1198	4088	606	2068	50 PT 60G
1597	5449	808	2757	50 PT 80G
1996	6810	1010	3446	50 PT 100G
2395	8172	1212	4135	50 PT 120G
2794	9533	1414	4825	50 PT 140G
3194	10898	1616	5514	50 PT 160G
3593	12259	1818	6203	50 PT 180G
3992	13621	2020	6892	50 PT 200G
923	3149	465	1587	60 PT 40G
1384	4722	698	2382	60 PT 60G
1846	6299	930	3173	60 PT 80G
2307	7871	1163	3968	60 PT 100G
2768	9444	1395	4760	60 PT 120G
3230	11021	1628	5555	60 PT 140G
3691	12594	1860	6346	60 PT 160G
4153	14170	2093	7141	60 PT 180G
4614	15743	2325	7933	60 PT 200G
5306	18104	2674	9124	60 PT 230G
5998	20465	3023	10314	60 PT 260G
6921	23614	3488	11901	60 PT 300G

PLAN PLUS  
HEAT OUTPUTS

Type 11

Type 21

Nominal Height	Nominal Length (mm)
300mm	600
	1000
	1400
	2000
400mm	400
	600
	800
	1000
	1200
	1400
	1600
	1800
2000	
500mm	400
	600
	800
	1000
	1200
	1400
	1600
	1800
2000	
600mm	400
	600
	800
	1000
	1200
	1400
	1600
	1800
	2000
	2300
	2600
	3000

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
317	1082	165	563	30 PPS 60G
529	1805	275	938	30 PPS 100G
741	2528	385	1314	30 PPS 140G
1058	3610	550	1877	30 PPS 200G
272	928	141	481	40 PPS 40G
408	1392	212	723	40 PPS 60G
544	1856	283	966	40 PPS 80G
680	2320	353	1204	40 PPS 100G
816	2784	424	1447	40 PPS 120G
952	3248	494	1686	40 PPS 140G
1088	3712	565	1928	40 PPS 160G
1224	4176	636	2170	40 PPS 180G
1360	4640	706	2409	40 PPS 200G
329	1123	171	583	50 PPS 40G
494	1686	256	873	50 PPS 60G
658	2245	342	1167	50 PPS 80G
823	2808	427	1457	50 PPS 100G
988	3371	513	1750	50 PPS 120G
1152	3931	598	2040	50 PPS 140G
1317	4494	684	2334	50 PPS 160G
1481	5053	769	2624	50 PPS 180G
1646	5616	855	2917	50 PPS 200G
384	1310	200	682	60 PPS 40G
577	1969	299	1020	60 PPS 60G
769	2624	399	1361	60 PPS 80G
961	3279	499	1703	60 PPS 100G
1153	3934	599	2044	60 PPS 120G
1345	4589	699	2385	60 PPS 140G
1538	5248	798	2723	60 PPS 160G
1730	5903	898	3064	60 PPS 180G
1922	6558	998	3405	60 PPS 200G
2210	7541	1148	3917	60 PPS 230G
2499	8527	1297	4425	60 PPS 260G
2883	9837	1497	5108	60 PPS 300G

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
515	1757	266	908	60 PPX 40G
773	2637	398	1358	60 PPX 60G
1030	3514	531	1812	60 PPX 80G
1288	4395	664	2266	60 PPX 100G
1546	5275	797	2719	60 PPX 120G
1803	6152	930	3173	60 PPX 140G
2061	7032	1063	3627	60 PPX 160G
2318	7909	1195	4077	60 PPX 180G
2576	8789	1328	4531	60 PPX 200G

Type 22

Nominal Height	Nominal Length (mm)
300mm	600
	1000
	1400
	2000
400mm	400
	600
	800
	1000
	1200
	1400
	1600
	1800
2000	
500mm	400
	600
	800
	1000
	1200
	1400
	1600
	1800
2000	
600mm	400
	600
	800
	1000
	1200
	1400
	1600
	1800
	2000
	2300
	2600
	3000

Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
Watts	Btu/h	Watts	Btu/h	
562	1918	289	986	30 PPD 60G
937	3197	483	1648	30 PPD 100G
1312	4477	675	2303	30 PPD 140G
1874	6394	965	3293	30 PPD 200G
479	1634	245	836	40 PPD 40G
719	2453	368	1256	40 PPD 60G
958	3269	491	1675	40 PPD 80G
1198	4088	614	2095	40 PPD 100G
1438	4906	736	2511	40 PPD 120G
1677	5722	859	2931	40 PPD 140G
1917	6541	982	3351	40 PPD 160G
2156	7356	1104	3767	40 PPD 180G
2396	8175	1227	4187	40 PPD 200G
578	1972	294	1003	50 PPD 40G
866	2955	442	1508	50 PPD 60G
1155	3941	589	2010	50 PPD 80G
1444	4927	736	2511	50 PPD 100G
1733	5913	883	3013	50 PPD 120G
2022	6899	1030	3514	50 PPD 140G
2310	7882	1177	4016	50 PPD 160G
2599	8868	1325	4521	50 PPD 180G
2888	9854	1472	5022	50 PPD 200G
670	2286	340	1160	60 PPD 40G
1006	3432	510	1740	60 PPD 60G
1341	4575	680	2320	60 PPD 80G
1676	5719	850	2900	60 PPD 100G
2011	6862	1020	3480	60 PPD 120G
2346	8005	1190	4060	60 PPD 140G
2682	9151	1360	4640	60 PPD 160G
3017	10294	1530	5220	60 PPD 180G
3352	11437	1700	5800	60 PPD 200G
3855	13153	1955	6670	60 PPD 230G
4358	14869	2210	7541	60 PPD 260G
5028	17156	2549	8697	60 PPD 300G