



Steel Panel Radiator Heat Outputs



Length mm	Unit	300mm High				400mm High			500mm High			600mm High				700mm High			Length mm
		T11	T21	T22	T33	T11	T21	T22	T11	T21	T22	T11	T21	T22	T33	T11	T21	T22	
400	(Watts)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	350	477	611	410	556	715	N/A	460	617	802	400
	(BTU)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1196	1628	2086	1400	1896	2440	N/A	1571	2105	2738	
500	(Watts)	N/A	N/A	N/A	N/A	361	499	637	438	597	764	513	695	894	N/A	N/A	N/A	N/A	500
	(BTU)	N/A	N/A	N/A	N/A	1232	1703	2172	1495	2035	2607	1750	2370	3050	N/A	N/A	N/A	N/A	
600	(Watts)	337	469	601	N/A	433	599	764	526	716	917	616	833	1073	N/A	691	925	1204	600
	(BTU)	1151	1601	2049	N/A	1478	2043	2606	1793	2442	3128	2101	2844	3661	N/A	2356	3157	4107	
700	(Watts)	N/A	N/A	N/A	N/A	505	699	891	613	835	1070	718	972	1252	N/A	806	1079	1404	700
	(BTU)	N/A	N/A	N/A	N/A	1724	2384	3041	2092	2849	3650	2451	3318	4271	N/A	2749	3683	4791	
800	(Watts)	450	626	801	N/A	578	798	1018	701	954	1222	821	1111	1430	N/A	921	1234	1605	800
	(BTU)	1534	2135	2732	N/A	1971	2724	3475	2391	3257	4171	2801	3792	4881	N/A	3142	4209	5476	
900	(Watts)	N/A	N/A	N/A	N/A	650	898	1146	788	1074	1375	923	1250	1609	N/A	1036	1388	1805	900
	(BTU)	N/A	N/A	N/A	N/A	2217	3065	3909	2690	3664	4692	3151	4266	5491	N/A	3535	4735	6160	
1000	(Watts)	562	782	1001	N/A	722	998	1273	876	1193	1528	1026	1389	1788	N/A	1151	1542	2006	1000
	(BTU)	1918	2668	3416	N/A	2464	3405	4344	2989	4071	5214	3501	4739	6101	N/A	3927	5262	6845	
1100	(Watts)	N/A	N/A	N/A	N/A	794	1098	1400	964	1312	1681	1129	1528	1967	N/A	1266	1696	2207	1100
	(BTU)	N/A	N/A	N/A	N/A	2710	3746	4778	3288	4478	5735	3851	5213	6711	N/A	4320	5788	7529	
1200	(Watts)	674	938	1201	1738	866	1198	1528	1051	1432	1834	1231	1667	2146	2983	1381	1850	2407	1200
	(BTU)	2301	3202	4099	5929	2956	4086	5212	3587	4885	6257	4201	5687	7321	10179	4713	6314	8214	
1400	(Watts)	N/A	N/A	1401	2027	N/A	N/A	N/A	1226	1670	2139	1436	1945	2503	3480	N/A	N/A	N/A	1400
	(BTU)	N/A	N/A	4782	6917	N/A	N/A	N/A	4185	5699	7299	4901	6635	8541	11876	N/A	N/A	N/A	
1600	(Watts)	N/A	N/A	N/A	2317	N/A	N/A	N/A	1402	1909	2445	1642	2222	2861	3978	N/A	N/A	N/A	1600
	(BTU)	N/A	N/A	N/A	7905	N/A	N/A	N/A	4782	6513	8342	5601	7583	9761	13572	N/A	N/A	N/A	
1800	(Watts)	N/A	N/A	1802	2606	N/A	N/A	N/A	1577	2147	2750	1847	2500	3218	4475	N/A	N/A	N/A	1800
	(BTU)	N/A	N/A	6148	8893	N/A	N/A	N/A	5380	7327	9385	6302	8531	10982	15269	N/A	N/A	N/A	
2000	(Watts)	N/A	N/A	2002	N/A	N/A	N/A	N/A	N/A	2386	3056	N/A	2778	3576	N/A	N/A	N/A	N/A	2000
	(BTU)	N/A	N/A	6831	N/A	N/A	N/A	N/A	N/A	8141	10428	N/A	9479	12202	N/A	N/A	N/A	N/A	
2200	(Watts)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2625	3362	N/A	3056	3934	N/A	N/A	N/A	N/A	2200
	(BTU)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8956	11470	N/A	10427	13422	N/A	N/A	N/A	N/A	
2400	(Watts)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2863	3667	N/A	3334	4291	N/A	N/A	N/A	N/A	2400
	(BTU)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9770	12513	N/A	11375	14642	N/A	N/A	N/A	N/A	

Heat Outputs Based Upon $\Delta T50$ - 70°C (75°C / 65°C) Water Temperature & 20°C Ambient Temperature



Steel Panel Radiator Heat Outputs



Length mm	Unit	300mm High				400mm High			500mm High			600mm High				700mm High			Length mm
		T11	T21	T22	T33	T11	T21	T22	T11	T21	T22	T11	T21	T22	T33	T11	T21	T22	
400	(Watts)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	182	244	312	214	286	364	N/A	240	318	410	400
	(BTU)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	620	834	1063	729	976	1241	N/A	819	1086	1400	
500	(Watts)	N/A	N/A	N/A	N/A	187	254	324	227	306	390	267	358	455	N/A	N/A	N/A	N/A	500
	(BTU)	N/A	N/A	N/A	N/A	636	865	1106	775	1042	1329	911	1220	1551	N/A	N/A	N/A	N/A	
600	(Watts)	173	237	306	N/A	224	304	389	272	367	467	320	429	545	N/A	360	478	616	600
	(BTU)	592	809	1044	N/A	764	1038	1327	929	1251	1595	1093	1464	1861	N/A	1228	1630	2101	
700	(Watts)	N/A	N/A	N/A	N/A	261	355	454	318	428	545	374	501	636	N/A	420	557	718	700
	(BTU)	N/A	N/A	N/A	N/A	891	1211	1548	1084	1459	1861	1275	1708	2171	N/A	1433	1901	2451	
800	(Watts)	231	316	408	N/A	298	406	518	363	489	623	427	572	727	N/A	480	637	821	800
	(BTU)	789	1078	1392	N/A	1018	1384	1769	1239	1668	2126	1458	1952	2481	N/A	1638	2173	2801	
900	(Watts)	N/A	N/A	N/A	N/A	336	456	583	409	550	701	481	644	818	N/A	540	716	923	900
	(BTU)	N/A	N/A	N/A	N/A	1145	1557	1990	1394	1876	2392	1640	2196	2791	N/A	1843	2444	3151	
1000	(Watts)	289	395	510	N/A	373	507	648	454	611	779	534	715	909	N/A	600	796	1026	1000
	(BTU)	986	1348	1740	N/A	1273	1730	2211	1549	2085	2658	1822	2440	3102	N/A	2047	2716	3501	
1100	(Watts)	N/A	N/A	N/A	N/A	410	558	713	499	672	857	587	787	1000	N/A	660	876	1129	1100
	(BTU)	N/A	N/A	N/A	N/A	1400	1903	2432	1704	2293	2924	2004	2684	3412	N/A	2252	2988	3851	
1200	(Watts)	347	474	612	890	448	608	778	545	733	935	641	858	1091	1508	720	955	1231	1200
	(BTU)	1183	1617	2088	3038	1527	2076	2653	1859	2502	3190	2187	2928	3722	5147	2457	3259	4201	
1400	(Watts)	N/A	N/A	714	1039	N/A	N/A	N/A	636	855	1091	748	1001	1273	1760	N/A	N/A	N/A	1400
	(BTU)	N/A	N/A	2436	3545	N/A	N/A	N/A	2169	2919	3721	2551	3416	4342	6005	N/A	N/A	N/A	
1600	(Watts)	N/A	N/A	N/A	1187	N/A	N/A	N/A	726	978	1246	854	1144	1454	2011	N/A	N/A	N/A	1600
	(BTU)	N/A	N/A	N/A	4051	N/A	N/A	N/A	2479	3336	4253	2915	3903	4963	6862	N/A	N/A	N/A	
1800	(Watts)	N/A	N/A	918	1336	N/A	N/A	N/A	817	1100	1402	961	1287	1636	2263	N/A	N/A	N/A	1800
	(BTU)	N/A	N/A	3132	4557	N/A	N/A	N/A	2788	3753	4785	3280	4391	5583	7720	N/A	N/A	N/A	
2000	(Watts)	N/A	N/A	1020	N/A	N/A	N/A	N/A	N/A	1222	1558	N/A	1430	1818	N/A	N/A	N/A	N/A	2000
	(BTU)	N/A	N/A	3480	N/A	N/A	N/A	N/A	N/A	4170	5316	N/A	4879	6203	N/A	N/A	N/A	N/A	
2200	(Watts)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1344	1714	N/A	1573	2000	N/A	N/A	N/A	N/A	2200
	(BTU)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4587	5848	N/A	5367	6824	N/A	N/A	N/A	N/A	
2400	(Watts)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1466	1870	N/A	1716	2182	N/A	N/A	N/A	N/A	2400
	(BTU)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5004	6379	N/A	5855	7444	N/A	N/A	N/A	N/A	

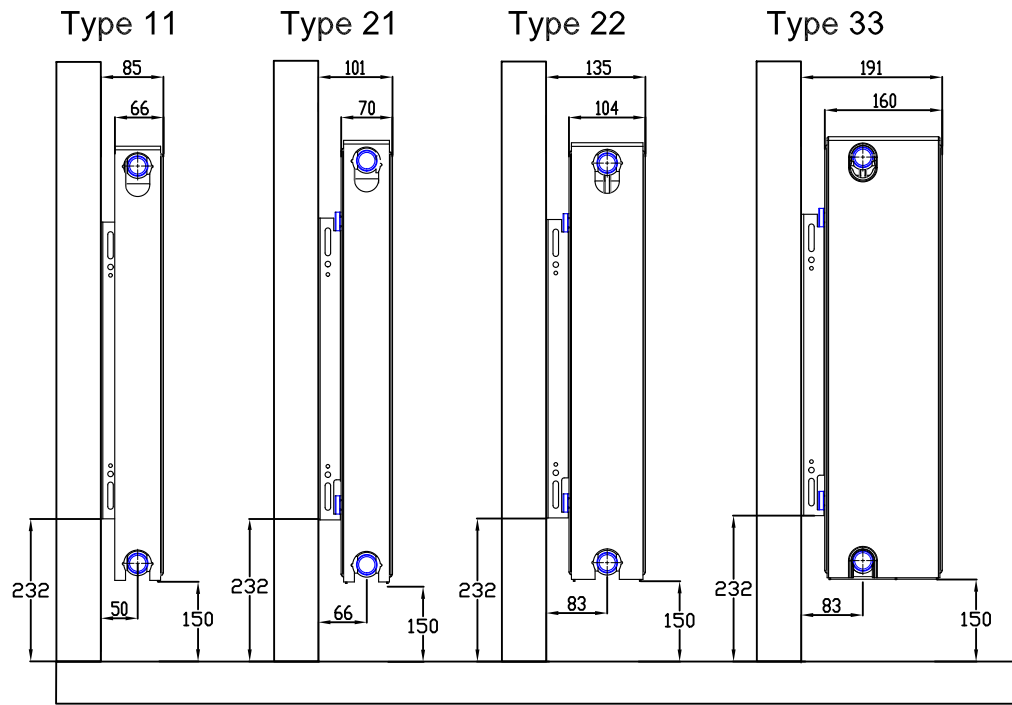
Heat Outputs Based Upon ΔT_{30} - 50°C (55°C / 45°C) Water Temperature & 20°C Ambient Temperature

Steel Panel Radiator Dry Weights - Kg

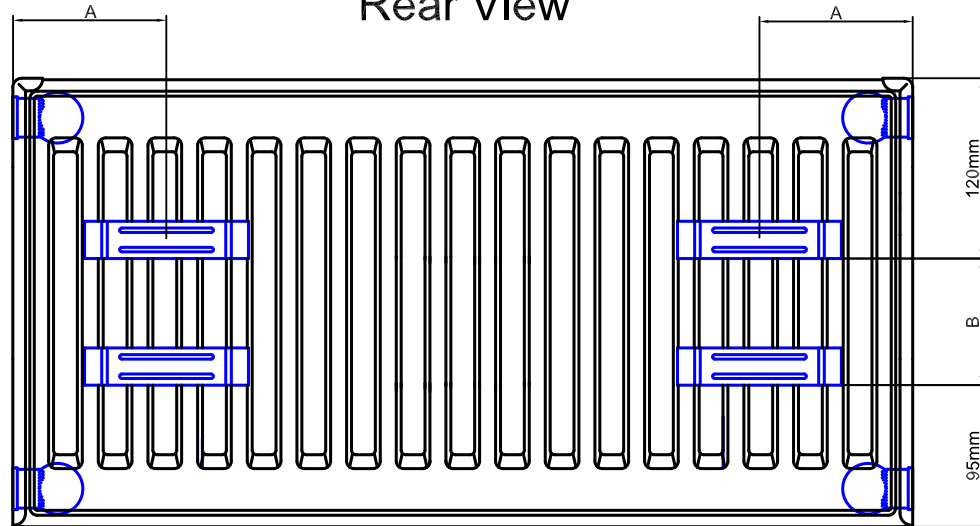
Length mm	300mm High				400mm High			500mm High			600mm High				700mm High			Length mm
	T11	T21	T22	T33	T11	T21	T22	T11	T21	T22	T11	T21	T22	T33	T11	T21	T22	
400	3.50	5.68	6.58	9.84	4.56	7.54	8.70	5.63	9.32	10.81	6.69	11.12	12.89	19.27	7.76	12.90	14.97	400
500	4.38	7.11	8.23	12.31	5.71	9.42	10.88	7.04	11.66	13.52	8.37	13.90	16.11	24.09	9.70	16.13	18.71	500
600	5.25	8.53	9.88	14.77	6.85	11.30	13.05	8.44	13.99	16.22	10.04	16.67	19.33	28.90	11.64	19.36	22.45	600
700	6.13	9.95	11.52	17.23	7.99	13.19	15.23	9.85	16.32	18.92	11.71	19.45	22.55	33.72	13.58	22.58	26.19	700
800	7.00	11.37	13.17	19.69	9.13	15.07	17.40	11.26	18.65	21.62	13.38	22.23	25.78	38.54	15.52	25.81	29.94	800
900	7.88	12.79	14.81	22.15	10.27	16.96	19.58	12.66	20.98	24.33	15.06	25.01	29.00	43.35	17.46	29.03	33.68	900
1000	8.75	14.21	16.46	24.61	11.41	18.84	21.75	14.07	23.31	27.03	16.73	27.79	32.22	48.17	19.40	32.26	37.42	1000
1100	9.63	15.63	18.11	27.07	12.55	20.72	23.93	15.48	25.64	29.73	18.40	30.57	35.44	52.99	21.34	35.49	41.16	1100
1200	10.50	17.05	19.75	29.53	13.69	22.61	26.10	16.88	27.97	32.44	20.08	33.35	38.66	57.80	23.28	38.71	44.90	1200
1400	12.25	19.89	23.04	34.45	15.97	26.38	30.45	19.70	32.63	37.84	23.42	38.91	45.11	67.44	27.16	45.16	52.39	1400
1600	14.00	22.74	26.34	39.38	18.26	30.14	34.80	22.51	37.30	43.25	26.77	44.46	51.55	77.07	31.04	51.62	59.87	1600
1800	15.75	25.58	29.63	44.30	20.54	33.91	39.15	25.33	41.96	48.65	30.11	50.02	58.00	86.71	34.92	58.07	67.36	1800
2000	17.50	28.42	32.92	49.22	22.82	37.68	43.50	28.14	46.62	54.06	33.46	55.58	64.44	96.34	38.80	64.52	74.84	2000
2200	19.25	31.26	36.21	54.14	25.10	41.45	47.85	30.95	51.28	59.47	36.81	61.14	70.88	105.97	42.68	70.97	82.32	2200
2400	21.00	34.10	39.50	59.06	27.38	45.22	52.20	33.77	55.94	64.87	40.15	66.70	77.33	115.61	46.56	77.42	89.81	2400

Steel Panel Radiator Water Content - Litres

Length mm	300mm High				400mm High			500mm High			600mm High				700mm High			Length mm
	T11	T21	T22	T33	T11	T21	T22	T11	T21	T22	T11	T21	T22	T33	T11	T21	T22	
400	0.70	1.36	1.38	2.04	0.87	1.69	1.71	1.06	2.06	2.08	1.24	2.41	2.43	3.59	1.39	2.75	2.76	400
500	0.88	1.71	1.72	2.55	1.09	2.11	2.14	1.33	2.58	2.60	1.55	3.01	3.04	4.49	1.74	3.44	3.46	500
600	1.06	2.05	2.06	3.06	1.30	2.53	2.56	1.59	3.09	3.12	1.86	3.61	3.64	5.38	2.08	4.12	4.15	600
700	1.23	2.39	2.41	3.57	1.52	2.95	2.99	1.86	3.61	3.64	2.17	4.21	4.25	6.28	2.43	4.81	4.84	700
800	1.41	2.73	2.75	4.08	1.74	3.38	3.42	2.12	4.12	4.16	2.48	4.82	4.86	7.18	2.78	5.50	5.53	800
900	1.58	3.07	3.10	4.59	1.95	3.80	3.84	2.39	4.64	4.68	2.79	5.42	5.46	8.07	3.12	6.18	6.22	900
1000	1.76	3.41	3.44	5.10	2.17	4.22	4.27	2.65	5.15	5.20	3.10	6.02	6.07	8.97	3.47	6.87	6.91	1000
1100	1.94	3.75	3.78	5.61	2.39	4.64	4.70	2.92	5.67	5.72	3.41	6.62	6.68	9.87	3.82	7.56	7.60	1100
1200	2.11	4.09	4.13	6.12	2.60	5.06	5.12	3.18	6.18	6.24	3.72	7.22	7.28	10.76	4.16	8.24	8.29	1200
1400	2.46	4.77	4.82	7.14	3.04	5.91	5.98	3.71	7.21	7.28	4.34	8.43	8.50	12.56	4.86	9.62	9.67	1400
1600	2.82	5.46	5.50	8.16	3.47	6.75	6.83	4.24	8.24	8.32	4.96	9.63	9.71	14.35	5.55	10.99	11.06	1600
1800	3.17	6.14	6.19	9.18	3.91	7.60	7.69	4.77	9.27	9.36	5.58	10.84	10.93	16.15	6.25	12.37	12.44	1800
2000	3.52	6.82	6.88	10.20	4.34	8.44	8.54	5.30	10.30	10.40	6.20	12.04	12.14	17.94	6.94	13.74	13.82	2000
2200	3.87	7.50	7.57	11.22	4.77	9.28	9.39	5.83	11.33	11.44	6.82	13.24	13.35	19.73	7.63	15.11	15.20	2200
2400	4.22	8.18	8.26	12.24	5.21	10.13	10.25	6.36	12.36	12.48	7.44	14.45	14.57	21.53	8.33	16.49	16.58	2400



Rear View



A = 117mm on Type 11
 A = 101mm on Type 21 - 22 - 33
 B = Radiator Height Minus 215mm