

FIREFLY

SINGLE, DOUBLE & TRIPLE PANEL CONVECTOR RADIATORS

- 🔥 Compact Design
- 🔥 Factory Fitted Grills and Side Panels
- 🔥 Low Water Content - Rapid Response
- 🔥 Available in Single, Double and Triple Convector Panel Formats
- 🔥 Wide Range of Heights and Widths Available
- 🔥 1/2" TBOE Connections as Standard
- 🔥 Made and Tested in Accordance with BS EN442
- 🔥 Durable Powder Coat RAL 9016 Finish
- 🔥 10 Year Conditional Warranty





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The radiators are manufactured to all international standards including BS EN 442 and the designs as depicted here incorporate the following features:-

Top grills and side covers included at no extra cost.

Chrome air vents, end plugs incorporating rubber O rings and wall brackets are included in the packaging.

All radiators are double PVC wrapped over their whole length to ensure maximum protection.

Low water content combined with modern welding technology and maximum metal gauge material creates a highly efficient product with the capability of a fast heat up time.

The Radiator range is available in the following heights: 200mm (8"), 300mm (12"), 400mm (16"), 500mm (20"), 600mm (24"), 750mm (28") and 900mm (36") and varying lengths up to 3000mm (120").

All radiators are tested to 13 bar which exceeds the maximum possible operating pressure of 12 bar.

Anti-corrosion treatment is applied to the external surfaces of the radiators during the manufacturing process and prior to primer paint application. Finally a hard baked powder paint coating is applied which ensures a long lasting finish.

Guarantee Radiators carry a 10 year no quibble guarantee. This is conditional that standard installation procedures are adhered to including the use of a propriety brand of corrosion inhibitor being introduced into the system in which the radiators are installed. We strongly recommend that on completion of any installation; the system is flushed clean in accordance with the British Standard Code of Practice for the treatment of water in domestic central heating systems BS7593.

Connections 1/2" Top and Bottom opposite end connections are standard.

Emission Characteristics Heat outputs conform to BS EN442 certification and are detailed, together with wall mounting instructions, on the back page. Heat outputs are based on a delta T of 62°C, mean water temperature of 80°C and room temperature of 18°C.

Firefly Radiators are manufactured under an EN ISO 9001:2008 approved quality system and are fully certified and CE marked.

Suitable for use with both Direct and Indirect (Open and Closed) Central Heating Systems.

Included with each radiator is a pair of mounting brackets, a multi directional air vent and a blanking plug. As the air vent and plug feature an EPDM O Ring, neither requires the use of thread sealants when being fitted. The air vent may be operated with either a standard Vent Key of Flat Screwdriver



Type 11 Single Panel Convector: Size and Output Specifications



	Height	300mm		400mm		500mm		600mm		750mm		900mm	
Length	Length	OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU
400	16"	273	931	400	1365	437	1491	507	1731	604	2061	701	2392
500	20"	341	1163	455	1553	547	1865	634	2164	755	2576	877	2992
600	24"	409	1396	546	1862	655	2236	761	2596	905	3088	1052	3589
700	28"	477	1627	637	2172	765	2609	888	3029	1056	3603	1227	4187
800	32"	546	1863	728	2483	874	2981	1015	3462	1207	4118	1402	4784
900	36"	614	2095	819	2794	983	3354	1142	3895	1358	4633	1578	5384
1000	39"	682	2327	910	3104	1092	3727	1268	4327	1509	5148	1753	5981
1100	43"	750	2559	1001	3414	1202	4100	1395	4760	1660	5664	1928	6578
1200	47"	818	2791	1092	3725	1311	4473	1522	5193	1811	6179	2103	7175
1300	51"	887	3026	1183	4036	1421	4847	1648	5623	1962	6694	2279	7776
1400	55"	955	3258	1273	4345	1529	5217	1776	6059	2112	7206	2454	8373
1500	59"	1023	3490	1365	4657	1639	5591	1902	6490	2264	7725	2630	8974
1600	63"	1091	3722	1456	4967	1748	5963	2029	6923	2414	8237	2805	9571
1800	70"	1228	4190	1637	5587	1966	6709	2283	7789	2716	9267	3155	10765
2000	79"	1364	4654	1819	6207	2185	7454	2537	8655	3018	10297	3506	11962
2200	87"	1500	5118	2002	6831	2402	8196	2790	9519	3320	11328	3857	13160
2400	94"	1637	5585	2184	7452	2621	8943	3043	10382	3622	12358	4207	14354
2600	102"	1773	6049	2366	8073	2839	9687	3297	11249	3923	13385	4558	15552
2800	110"	1910	6517	2548	8694	3058	10434	3550	12112	4225	14416	4908	16746
3000	117"	2046	6981	2730	9315	3276	11178	3804	12979	4527	15446	5259	17944

Type 22 Double Panel Convector: Size and Output Specifications

	Height	300mm		400mm		500mm		600mm		750mm		900mm	
Length	Length	OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU
400	16"	557	1900	698	2382	831	2836	959	3271	1122	3828	1289	4398
500	20"	696	2376	873	2977	1039	3545	1198	4089	1402	4784	1611	5497
600	24"	836	2851	1047	3572	1247	4254	1438	4907	1682	5739	1933	6595
700	28"	975	3326	1221	4167	1455	4963	1678	5724	1962	6694	2255	7694
800	32"	1114	3802	1396	4762	1662	5672	1918	6543	2243	7653	2578	8796
900	36"	1254	4277	1570	5357	1870	6381	2157	7360	2524	8612	2900	9895
1000	39"	1393	4752	1744	5952	2078	7090	2397	8178	2804	9567	3222	10993
1100	43"	1532	5227	1919	6548	2286	7799	2637	8996	3084	10523	3544	12092
1200	47"	1671	5702	2093	7143	2495	8513	2876	9814	3365	11481	3866	13191
1300	51"	1811	6179	2267	7735	2703	9222	3116	10632	3645	12437	4189	14292
1400	55"	1950	6652	2443	8334	2909	9925	3356	11450	3926	13396	4511	15392
1500	59"	2090	7131	2616	8926	3214	10965	3596	12270	4206	14351	4833	16490
1600	63"	2228	7602	2791	9524	3324	11343	3835	13086	4486	15306	5155	17588
1800	70"	2507	8553	3132	10685	3740	12761	4314	14721	5047	17220	5800	19790
2000	79"	2783	9495	3489	11905	4156	14180	4794	16356	5608	19134	6444	21987
2200	87"	3065	10458	3837	13092	4572	15600	5273	17991	6169	21048	7088	24184
2400	94"	3343	11406	4186	14282	4987	17016	5753	19629	6730	22963	7733	26385
2600	102"	3621	12355	4534	15470	5403	18435	6232	21264	7290	24873	8377	28582
2800	110"	3900	13307	4883	16661	5818	19851	6712	22901	7851	26788	9022	30783
3000	117"	4179	14259	5232	17852	6234	21,270	7191	24536	8412	28702	9666	32980

Type 33 Triple Panel Convector: Size and Output Specifications

	Height	300mm		400mm		500mm		600mm		750mm		900mm	
Length	Length	OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU
400	16"	771	2631	976	3330	1169	3989	1352	4613	1608	5486	1846	6299
500	20"	964	3289	1221	4166	1462	4988	1690	5766	2010	6858	2308	7875
600	24"	1156	3944	1465	4999	1754	5985	2027	6916	2412	8229	2770	9451
700	28"	1349	4603	1709	5831	2046	6981	2365	8069	2814	9601	3231	11024
800	32"	1541	5258	1953	6664	2338	7977	2703	9223	3216	10973	3692	12597
900	36"	1734	5916	2197	7496	2631	8977	3041	10376	3618	12345	4154	14173
1000	39"	1927	6575	2441	8329	2923	9973	3379	11529	4020	13716	4616	15750
1100	43"	2119	7230	2685	9161	3215	10970	3717	12682	4422	15088	5078	17326
1200	47"	2312	7889	2929	9994	3508	11969	4055	13836	4824	16459	5539	18899
1300	51"	2505	8547	3173	10826	3780	12897	4393	14989	5226	17831	6001	20475
1400	55"	2698	9206	3417	11659	4092	13962	4730	16139	5628	19203	6462	22048
1500	59"	2891	9864	3662	12495	4385	14962	5069	17295	6030	20574	6924	23625
1600	63"	3083	10519	3906	13327	4677	15958	5406	18445	6432	21946	7386	25201
1800	70"	3469	11836	4394	14992	5261	17951	6082	20752	7236	24689	8309	28350
2000	79"	3854	13150	4882	16657	5846	19947	6758	23058	8040	27432	9232	31500
2200	87"	4239	14463	5370	18322	6431	21943	7434	25364	8844	30176	10155	34649
2400	94"	4625	15781	5858	19987	7015	23935	8110	27671	9648	32919	11078	37798
2600	102"	5010	17094	6347	21656	7600	25931	8785	29974	10452	35662	12002	40951
2800	110"	5396	18411	6835	23321	8184	27924	9461	32281	11256	38405	12915	44066
3000	117"	5781	19725	7323	24986	8769	29,920	10137	34587	12060	41149	13848	47249