Declaration of Performance

No. 202009-1093

Grace 6 Column 960mm

Unique product code:	CI-G6C-960
Type, batch or serial number:	CI-G6C-960
Intended use of the construction product:	In heating systems in buildings
Manufacturer:	Castrads Ltd 1 Kenwood Road North Reddish SK5 6PH, Manchester, United Kingdom
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	BSRIA
Test report number:	101885/2

Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 x maximum operating pressure [kPa]	
Surface temperature	Maximum 120°C	
Resistance to pressure	No breakage at 1.69 x maximum operating pressure [kPa] Maximum operating pressure: 1000 [kPa]	
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\varphi = Km \bullet \Delta T^n$. See appendix for factor Km and exponent n	
Resistance against corrosion	No corrosion after 100h humidity	
Resistance against minor impact:	Class 0	

Signed for and on behalf of the manufacturer by:
Nicholas Baylis
CEO
Stockport, England
31st October 2026



Castrads®

Appendix to DOP No. 202009-1093: Dimensions and thermal outputs

Panel dimensions: 950mm high when floor standing, 255mm deep for all numbers of sections. See table for length.

SKU	Num of sec.	Length, mm	Output (Watts, DT50)	Output (Watts, DT30)	Factor, Km	Exponent, n
CI-G6C-960-03	3	212	524	265	2.791	1.3384
CI-G6C-960-04	4	272	699	353	3.721	1.3384
CI-G6C-960-05	5	333	874	441	4.651	1.3384
CI-G6C-960-06	6	393	1049	529	5.581	1.3384
CI-G6C-960-07	7	454	1223	618	6.511	1.3384
CI-G6C-960-08	8	514	1398	706	7.442	1.3384
CI-G6C-960-09	9	575	1573	794	8.372	1.3384
CI-G6C-960-10	10	635	1748	882	9.302	1.3384
CI-G6C-960-11	11	696	1923	970	10.232	1.3384
CI-G6C-960-12	12	756	2097	1059	11.162	1.3384
CI-G6C-960-13	13	817	2272	1147	12.093	1.3384
CI-G6C-960-14	14	877	2447	1235	13.023	1.3384
CI-G6C-960-15	15	938	2622	1323	13.953	1.3384
CI-G6C-960-16	16	998	2796	1411	14.883	1.3384
CI-G6C-960-17	17	1059	2971	1500	15.813	1.3384
CI-G6C-960-18	18	1119	3146	1588	16.744	1.3384
CI-G6C-960-19	19	1180	3321	1676	17.674	1.3384
CI-G6C-960-20	20	1240	3495	1764	18.604	1.3384
CI-G6C-960-21	21	1301	3670	1853	19.534	1.3384
CI-G6C-960-22	22	1361	3845	1941	20.464	1.3384
CI-G6C-960-23	23	1422	4020	2029	21.395	1.3384
CI-G6C-960-24	24	1482	4195	2117	22.325	1.3384
CI-G6C-960-25	25	1543	4369	2205	23.255	1.3384
CI-G6C-960-26	26	1603	4544	2294	24.185	1.3384
CI-G6C-960-27	27	1664	4719	2382	25.115	1.3384
CI-G6C-960-28	28	1724	4894	2470	26.046	1.3384
CI-G6C-960-29	29	1785	5068	2558	26.976	1.3384
CI-G6C-960-30	30	1845	5243	2647	27.906	1.3384
CI-G6C-960-31	31	1906	5418	2735	28.836	1.3384
CI-G6C-960-32	32	1966	5593	2823	29.766	1.3384
CI-G6C-960-33	33	2027	5768	2911	30.697	1.3384
CI-G6C-960-34	34	2087	5942	2999	31.627	1.3384
CI-G6C-960-35	35	2148	6117	3088	32.557	1.3384
CI-G6C-960-36	36	2208	6292	3176	33.487	1.3384
CI-G6C-960-37	37	2269	6467	3264	34.417	1.3384
CI-G6C-960-38	38	2329	6641	3352	35.348	1.3384
CI-G6C-960-39	39	2390	6816	3440	36.278	1.3384
CI-G6C-960-40	40	2450	6991	3529	37.208	1.3384