

Castrads®

Declaration of Performance

No. 202009-1091

Grace 6 Column 660mm

Unique product code:	CI-G6C-660
Type, batch or serial number:	CI-G6C-660
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	
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]	EN 442-1:2014
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\phi = K_m \cdot \Delta T^n$. See appendix for factor K_m 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
1st May 2026





Appendix to DOP No. 202009-1091: Dimensions and thermal outputs

Panel dimensions: 650mm 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-660-03	3	212	361	184	2.113	1.3141
CI-G6C-660-04	4	272	481	246	2.817	1.3141
CI-G6C-660-05	5	333	602	307	3.521	1.3141
CI-G6C-660-06	6	393	722	369	4.225	1.3141
CI-G6C-660-07	7	454	842	430	4.930	1.3141
CI-G6C-660-08	8	514	963	492	5.634	1.3141
CI-G6C-660-09	9	575	1083	553	6.338	1.3141
CI-G6C-660-10	10	635	1203	615	7.042	1.3141
CI-G6C-660-11	11	696	1323	676	7.747	1.3141
CI-G6C-660-12	12	756	1444	738	8.451	1.3141
CI-G6C-660-13	13	817	1564	799	9.155	1.3141
CI-G6C-660-14	14	877	1684	861	9.859	1.3141
CI-G6C-660-15	15	938	1805	922	10.563	1.3141
CI-G6C-660-16	16	998	1925	984	11.268	1.3141
CI-G6C-660-17	17	1059	2045	1045	11.972	1.3141
CI-G6C-660-18	18	1119	2166	1107	12.676	1.3141
CI-G6C-660-19	19	1180	2286	1168	13.380	1.3141
CI-G6C-660-20	20	1240	2406	1230	14.085	1.3141
CI-G6C-660-21	21	1301	2527	1291	14.789	1.3141
CI-G6C-660-22	22	1361	2647	1353	15.493	1.3141
CI-G6C-660-23	23	1422	2767	1414	16.197	1.3141
CI-G6C-660-24	24	1482	2888	1476	16.902	1.3141
CI-G6C-660-25	25	1543	3008	1537	17.606	1.3141
CI-G6C-660-26	26	1603	3128	1599	18.310	1.3141
CI-G6C-660-27	27	1664	3249	1660	19.014	1.3141
CI-G6C-660-28	28	1724	3369	1722	19.718	1.3141
CI-G6C-660-29	29	1785	3489	1783	20.423	1.3141
CI-G6C-660-30	30	1845	3610	1845	21.127	1.3141
CI-G6C-660-31	31	1906	3730	1906	21.831	1.3141
CI-G6C-660-32	32	1966	3850	1968	22.535	1.3141
CI-G6C-660-33	33	2027	3970	2029	23.240	1.3141
CI-G6C-660-34	34	2087	4091	2091	23.944	1.3141
CI-G6C-660-35	35	2148	4211	2152	24.648	1.3141
CI-G6C-660-36	36	2208	4331	2214	25.352	1.3141
CI-G6C-660-37	37	2269	4452	2275	26.057	1.3141
CI-G6C-660-38	38	2329	4572	2337	26.761	1.3141
CI-G6C-660-39	39	2390	4692	2398	27.465	1.3141
CI-G6C-660-40	40	2450	4813	2460	28.169	1.3141