Declaration of Performance

No. 202009-1088

Grace 4 Column 760mm

Unique product code:	CI-G4C-760
Type, batch or serial number:	CI-G4C-760
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. 202009-1088: Dimensions and thermal outputs

Panel dimensions: 750mm high when floor standing, 175mm 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-G4C-760-03	3	212	292	152	1.974	1.2770
CI-G4C-760-04	4	272	389	203	2.632	1.2770
CI-G4C-760-05	5	333	486	253	3.290	1.2770
CI-G4C-760-06	6	393	583	304	3.948	1.2770
CI-G4C-760-07	7	454	681	354	4.606	1.2770
CI-G4C-760-08	8	514	778	405	5.264	1.2770
CI-G4C-760-09	9	575	875	456	5.922	1.2770
CI-G4C-760-10	10	635	972	506	6.580	1.2770
CI-G4C-760-11	11	696	1070	557	7.238	1.2770
CI-G4C-760-12	12	756	1167	608	7.896	1.2770
CI-G4C-760-13	13	817	1264	658	8.554	1.2770
CI-G4C-760-14	14	877	1361	709	9.212	1.2770
CI-G4C-760-15	15	938	1458	760	9.870	1.2770
CI-G4C-760-16	16	998	1556	810	10.528	1.2770
CI-G4C-760-17	17	1059	1653	861	11.186	1.2770
CI-G4C-760-18	18	1119	1750	912	11.844	1.2770
CI-G4C-760-19	19	1180	1847	962	12.502	1.2770
CI-G4C-760-20	20	1240	1945	1013	13.160	1.2770
CI-G4C-760-21	21	1301	2042	1063	13.818	1.2770
CI-G4C-760-22	22	1361	2139	1114	14.476	1.2770
CI-G4C-760-23	23	1422	2236	1165	15.134	1.2770
CI-G4C-760-24	24	1482	2334	1215	15.792	1.2770
CI-G4C-760-25	25	1543	2431	1266	16.450	1.2770
CI-G4C-760-26	26	1603	2528	1317	17.108	1.2770
CI-G4C-760-27	27	1664	2625	1367	17.766	1.2770
CI-G4C-760-28	28	1724	2723	1418	18.424	1.2770
CI-G4C-760-29	29	1785	2820	1469	19.082	1.2770
CI-G4C-760-30	30	1845	2917	1519	19.740	1.2770
CI-G4C-760-31	31	1906	3014	1570	20.398	1.2770
CI-G4C-760-32	32	1966	3111	1621	21.056	1.2770
CI-G4C-760-33	33	2027	3209	1671	21.714	1.2770
CI-G4C-760-34	34	2087	3306	1722	22.372	1.2770
CI-G4C-760-35	35	2148	3403	1772	23.030	1.2770
CI-G4C-760-36	36	2208	3500	1823	23.688	1.2770
CI-G4C-760-37	37	2269	3598	1874	24.346	1.2770
CI-G4C-760-38	38	2329	3695	1924	25.004	1.2770
CI-G4C-760-39	39	2390	3792	1975	25.662	1.2770
CI-G4C-760-40	40	2450	3889	2026	26.320	1.2770