Declaration of Performance

No. 202009-1090

Grace 6 Column 485mm

Unique product code:	CI-G6C-485
Type, batch or serial number:	CI-G6C-485
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
17th November 2026



Castrads®

Appendix to DOP No. 202009-1090: Dimensions and thermal outputs

Panel dimensions: 485mm 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-485-03	3	212	266	139	1.854	1.2698
CI-G6C-485-04	4	272	355	186	2.472	1.2698
CI-G6C-485-05	5	333	444	232	3.090	1.2698
CI-G6C-485-06	6	393	533	279	3.708	1.2698
CI-G6C-485-07	7	454	622	325	4.326	1.2698
CI-G6C-485-08	8	514	710	371	4.944	1.2698
CI-G6C-485-09	9	575	799	418	5.563	1.2698
CI-G6C-485-10	10	635	888	464	6.181	1.2698
CI-G6C-485-11	11	696	977	511	6.799	1.2698
CI-G6C-485-12	12	756	1066	557	7.417	1.2698
CI-G6C-485-13	13	817	1154	603	8.035	1.2698
CI-G6C-485-14	14	877	1243	650	8.653	1.2698
CI-G6C-485-15	15	938	1332	696	9.271	1.2698
CI-G6C-485-16	16	998	1421	743	9.889	1.2698
CI-G6C-485-17	17	1059	1509	789	10.507	1.2698
CI-G6C-485-18	18	1119	1598	836	11.125	1.2698
CI-G6C-485-19	19	1180	1687	882	11.743	1.2698
CI-G6C-485-20	20	1240	1776	928	12.361	1.2698
CI-G6C-485-21	21	1301	1865	975	12.979	1.2698
CI-G6C-485-22	22	1361	1953	1021	13.597	1.2698
CI-G6C-485-23	23	1422	2042	1068	14.215	1.2698
CI-G6C-485-24	24	1482	2131	1114	14.833	1.2698
CI-G6C-485-25	25	1543	2220	1160	15.452	1.2698
CI-G6C-485-26	26	1603	2309	1207	16.070	1.2698
CI-G6C-485-27	27	1664	2397	1253	16.688	1.2698
CI-G6C-485-28	28	1724	2486	1300	17.306	1.2698
CI-G6C-485-29	29	1785	2575	1346	17.924	1.2698
CI-G6C-485-30	30	1845	2664	1393	18.542	1.2698
CI-G6C-485-31	31	1906	2753	1439	19.160	1.2698
CI-G6C-485-32	32	1966	2841	1485	19.778	1.2698
CI-G6C-485-33	33	2027	2930	1532	20.396	1.2698
CI-G6C-485-34	34	2087	3019	1578	21.014	1.2698
CI-G6C-485-35	35	2148	3108	1625	21.632	1.2698
CI-G6C-485-36	36	2208	3197	1671	22.250	1.2698
CI-G6C-485-37	37	2269	3285	1717	22.868	1.2698
CI-G6C-485-38	38	2329	3374	1764	23.486	1.2698
CI-G6C-485-39	39	2390	3463	1810	24.104	1.2698
CI-G6C-485-40	40	2450	3552	1857	24.722	1.2698