Declaration of Performance

No. 202009-1089

Grace 4 Column 960mm

Unique product code:	CI-G4C-960
Type, batch or serial number:	CI-G4C-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. 202009-1089: Dimensions and thermal outputs

Panel dimensions: 950mm 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-960-03	3	212	382	193	2.101	1.3297
CI-G4C-960-04	4	272	509	258	2.802	1.3297
CI-G4C-960-05	5	333	636	322	3.502	1.3297
CI-G4C-960-06	6	393	763	387	4.202	1.3297
CI-G4C-960-07	7	454	890	451	4.903	1.3297
CI-G4C-960-08	8	514	1018	516	5.603	1.3297
CI-G4C-960-09	9	575	1145	580	6.304	1.3297
CI-G4C-960-10	10	635	1272	645	7.004	1.3297
CI-G4C-960-11	11	696	1399	709	7.704	1.3297
CI-G4C-960-12	12	756	1526	774	8.405	1.3297
CI-G4C-960-13	13	817	1654	838	9.105	1.3297
CI-G4C-960-14	14	877	1781	903	9.806	1.3297
CI-G4C-960-15	15	938	1908	967	10.506	1.3297
CI-G4C-960-16	16	998	2035	1032	11.206	1.3297
CI-G4C-960-17	17	1059	2162	1096	11.907	1.3297
CI-G4C-960-18	18	1119	2289	1161	12.607	1.3297
CI-G4C-960-19	19	1180	2417	1225	13.308	1.3297
CI-G4C-960-20	20	1240	2544	1290	14.008	1.3297
CI-G4C-960-21	21	1301	2671	1354	14.708	1.3297
CI-G4C-960-22	22	1361	2798	1419	15.409	1.3297
CI-G4C-960-23	23	1422	2925	1483	16.109	1.3297
CI-G4C-960-24	24	1482	3053	1548	16.810	1.3297
CI-G4C-960-25	25	1543	3180	1612	17.510	1.3297
CI-G4C-960-26	26	1603	3307	1677	18.210	1.3297
CI-G4C-960-27	27	1664	3434	1741	18.911	1.3297
CI-G4C-960-28	28	1724	3561	1806	19.611	1.3297
CI-G4C-960-29	29	1785	3689	1870	20.312	1.3297
CI-G4C-960-30	30	1845	3816	1935	21.012	1.3297
CI-G4C-960-31	31	1906	3943	1999	21.712	1.3297
CI-G4C-960-32	32	1966	4070	2064	22.413	1.3297
CI-G4C-960-33	33	2027	4197	2128	23.113	1.3297
CI-G4C-960-34	34	2087	4325	2193	23.814	1.3297
CI-G4C-960-35	35	2148	4452	2257	24.514	1.3297
CI-G4C-960-36	36	2208	4579	2322	25.214	1.3297
CI-G4C-960-37	37	2269	4706	2386	25.915	1.3297
CI-G4C-960-38	38	2329	4833	2451	26.615	1.3297
CI-G4C-960-39	39	2390	4961	2515	27.316	1.3297
CI-G4C-960-40	40	2450	5088	2579	28.016	1.3297