Declaration of Performance

No. 202009-1092

Grace 6 Column 760mm

Unique product code:	CI-G6C-760
Type, batch or serial number:	CI-G6C-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. 202009-1092: Dimensions and thermal outputs

Panel dimensions: 750mm 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-760-03	3	212	424	214	2.278	1.3358
CI-G6C-760-04	4	272	565	285	3.037	1.3358
CI-G6C-760-05	5	333	706	357	3.796	1.3358
CI-G6C-760-06	6	393	847	428	4.556	1.3358
CI-G6C-760-07	7	454	988	500	5.315	1.3358
CI-G6C-760-08	8	514	1130	571	6.074	1.3358
CI-G6C-760-09	9	575	1271	642	6.833	1.3358
CI-G6C-760-10	10	635	1412	714	7.593	1.3358
CI-G6C-760-11	11	696	1553	785	8.352	1.3358
CI-G6C-760-12	12	756	1695	856	9.111	1.3358
CI-G6C-760-13	13	817	1836	928	9.870	1.3358
CI-G6C-760-14	14	877	1977	999	10.630	1.3358
CI-G6C-760-15	15	938	2118	1071	11.389	1.3358
CI-G6C-760-16	16	998	2259	1142	12.148	1.3358
CI-G6C-760-17	17	1059	2401	1213	12.907	1.3358
CI-G6C-760-18	18	1119	2542	1285	13.667	1.3358
CI-G6C-760-19	19	1180	2683	1356	14.426	1.3358
CI-G6C-760-20	20	1240	2824	1427	15.185	1.3358
CI-G6C-760-21	21	1301	2965	1499	15.944	1.3358
CI-G6C-760-22	22	1361	3107	1570	16.704	1.3358
CI-G6C-760-23	23	1422	3248	1642	17.463	1.3358
CI-G6C-760-24	24	1482	3389	1713	18.222	1.3358
CI-G6C-760-25	25	1543	3530	1784	18.982	1.3358
CI-G6C-760-26	26	1603	3672	1856	19.741	1.3358
CI-G6C-760-27	27	1664	3813	1927	20.500	1.3358
CI-G6C-760-28	28	1724	3954	1998	21.259	1.3358
CI-G6C-760-29	29	1785	4095	2070	22.019	1.3358
CI-G6C-760-30	30	1845	4236	2141	22.778	1.3358
CI-G6C-760-31	31	1906	4378	2213	23.537	1.3358
CI-G6C-760-32	32	1966	4519	2284	24.296	1.3358
CI-G6C-760-33	33	2027	4660	2355	25.056	1.3358
CI-G6C-760-34	34	2087	4801	2427	25.815	1.3358
CI-G6C-760-35	35	2148	4942	2498	26.574	1.3358
CI-G6C-760-36	36	2208	5084	2569	27.333	1.3358
CI-G6C-760-37	37	2269	5225	2641	28.093	1.3358
CI-G6C-760-38	38	2329	5366	2712	28.852	1.3358
CI-G6C-760-39	39	2390	5507	2784	29.611	1.3358
CI-G6C-760-40	40	2450	5649	2855	30.370	1.3358