Declaration of Performance

No. 202009-1085

Grace 4 Column 360mm

Unique product code:	CI-G4C-360
Type, batch or serial number:	CI-G4C-360
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
13th November 2026



Castrads®

Appendix to DOP No. 202009-1085: Dimensions and thermal outputs

Panel dimensions: 350mm 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-360-03	3	212	131	70	1.118	1.2178
CI-G4C-360-04	4	272	175	94	1.491	1.2178
CI-G4C-360-05	5	333	218	117	1.864	1.2178
CI-G4C-360-06	6	393	262	141	2.237	1.2178
CI-G4C-360-07	7	454	306	164	2.609	1.2178
CI-G4C-360-08	8	514	350	188	2.982	1.2178
CI-G4C-360-09	9	575	393	211	3.355	1.2178
CI-G4C-360-10	10	635	437	235	3.728	1.2178
CI-G4C-360-11	11	696	481	258	4.100	1.2178
CI-G4C-360-12	12	756	524	281	4.473	1.2178
CI-G4C-360-13	13	817	568	305	4.846	1.2178
CI-G4C-360-14	14	877	612	328	5.219	1.2178
CI-G4C-360-15	15	938	655	352	5.592	1.2178
CI-G4C-360-16	16	998	699	375	5.964	1.2178
CI-G4C-360-17	17	1059	743	399	6.337	1.2178
CI-G4C-360-18	18	1119	787	422	6.710	1.2178
CI-G4C-360-19	19	1180	830	446	7.083	1.2178
CI-G4C-360-20	20	1240	874	469	7.455	1.2178
CI-G4C-360-21	21	1301	918	493	7.828	1.2178
CI-G4C-360-22	22	1361	961	516	8.201	1.2178
CI-G4C-360-23	23	1422	1005	540	8.574	1.2178
CI-G4C-360-24	24	1482	1049	563	8.946	1.2178
CI-G4C-360-25	25	1543	1092	586	9.319	1.2178
CI-G4C-360-26	26	1603	1136	610	9.692	1.2178
CI-G4C-360-27	27	1664	1180	633	10.065	1.2178
CI-G4C-360-28	28	1724	1224	657	10.438	1.2178
CI-G4C-360-29	29	1785	1267	680	10.810	1.2178
CI-G4C-360-30	30	1845	1311	704	11.183	1.2178
CI-G4C-360-31	31	1906	1355	727	11.556	1.2178
CI-G4C-360-32	32	1966	1398	751	11.929	1.2178
CI-G4C-360-33	33	2027	1442	774	12.301	1.2178
CI-G4C-360-34	34	2087	1486	798	12.674	1.2178
CI-G4C-360-35	35	2148	1529	821	13.047	1.2178
CI-G4C-360-36	36	2208	1573	844	13.420	1.2178
CI-G4C-360-37	37	2269	1617	868	13.792	1.2178
CI-G4C-360-38	38	2329	1660	891	14.165	1.2178
CI-G4C-360-39	39	2390	1704	915	14.538	1.2178
CI-G4C-360-40	40	2450	1748	938	14.911	1.2178