

 **Castrads**[®]
Declaration of Performance

No. 202009-1130

Rococo I 660mm

Unique product code:	CI-RC1-660
Type, batch or serial number:	CI-RC1-660
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	
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]	EN 442-1:2014
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\phi = K_m \cdot \Delta T^n$. See appendix for factor K_m 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
30th April 2026





Appendix to DOP No. 202009-1130: Dimensions and thermal outputs

Panel dimensions: 660mm high when floor standing, 140mm 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-RC1-660-03	3	257	207	109	1.549	1.2511
CI-RC1-660-04	4	332	276	146	2.065	1.2511
CI-RC1-660-05	5	408	345	182	2.582	1.2511
CI-RC1-660-06	6	484	414	218	3.098	1.2511
CI-RC1-660-07	7	559	483	255	3.614	1.2511
CI-RC1-660-08	8	635	552	291	4.131	1.2511
CI-RC1-660-09	9	710	621	327	4.647	1.2511
CI-RC1-660-10	10	786	689	364	5.163	1.2511
CI-RC1-660-11	11	862	758	400	5.680	1.2511
CI-RC1-660-12	12	937	827	437	6.196	1.2511
CI-RC1-660-13	13	1013	896	473	6.712	1.2511
CI-RC1-660-14	14	1088	965	509	7.228	1.2511
CI-RC1-660-15	15	1164	1034	546	7.745	1.2511
CI-RC1-660-16	16	1240	1103	582	8.261	1.2511
CI-RC1-660-17	17	1315	1172	619	8.777	1.2511
CI-RC1-660-18	18	1391	1241	655	9.294	1.2511
CI-RC1-660-19	19	1466	1310	691	9.810	1.2511
CI-RC1-660-20	20	1542	1379	728	10.326	1.2511
CI-RC1-660-21	21	1618	1448	764	10.843	1.2511
CI-RC1-660-22	22	1693	1517	801	11.359	1.2511
CI-RC1-660-23	23	1769	1586	837	11.875	1.2511
CI-RC1-660-24	24	1844	1655	873	12.392	1.2511
CI-RC1-660-25	25	1920	1724	910	12.908	1.2511
CI-RC1-660-26	26	1996	1793	946	13.424	1.2511
CI-RC1-660-27	27	2071	1862	982	13.941	1.2511
CI-RC1-660-28	28	2147	1930	1019	14.457	1.2511
CI-RC1-660-29	29	2222	1999	1055	14.973	1.2511
CI-RC1-660-30	30	2298	2068	1092	15.490	1.2511
CI-RC1-660-31	31	2374	2137	1128	16.006	1.2511
CI-RC1-660-32	32	2449	2206	1164	16.522	1.2511
CI-RC1-660-33	33	2525	2275	1201	17.039	1.2511
CI-RC1-660-34	34	2600	2344	1237	17.555	1.2511
CI-RC1-660-35	35	2676	2413	1274	18.071	1.2511
CI-RC1-660-36	36	2752	2482	1310	18.588	1.2511
CI-RC1-660-37	37	2827	2551	1346	19.104	1.2511
CI-RC1-660-38	38	2903	2620	1383	19.620	1.2511
CI-RC1-660-39	39	2978	2689	1419	20.136	1.2511
CI-RC1-660-40	40	3054	2758	1455	20.653	1.2511