

 **Castrads**[®]
Declaration of Performance

No. 202009-1132

Rococo II 510mm

Unique product code:	CI-RC2-510
Type, batch or serial number:	CI-RC2-510
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:	59847

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
22nd May 2026





Appendix to DOP No. 202009-1132: Dimensions and thermal outputs

Panel dimensions: 510mm high when floor standing, 205mm 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-RC2-510-03	3	265	233	122	1.678	1.2608
CI-RC2-510-04	4	343	310	163	2.237	1.2608
CI-RC2-510-05	5	422	388	204	2.796	1.2608
CI-RC2-510-06	6	500	465	244	3.355	1.2608
CI-RC2-510-07	7	578	543	285	3.915	1.2608
CI-RC2-510-08	8	656	620	326	4.474	1.2608
CI-RC2-510-09	9	735	698	367	5.033	1.2608
CI-RC2-510-10	10	813	776	407	5.592	1.2608
CI-RC2-510-11	11	891	853	448	6.151	1.2608
CI-RC2-510-12	12	970	931	489	6.711	1.2608
CI-RC2-510-13	13	1048	1008	530	7.270	1.2608
CI-RC2-510-14	14	1126	1086	570	7.829	1.2608
CI-RC2-510-15	15	1205	1163	611	8.388	1.2608
CI-RC2-510-16	16	1283	1241	652	8.948	1.2608
CI-RC2-510-17	17	1361	1319	692	9.507	1.2608
CI-RC2-510-18	18	1439	1396	733	10.066	1.2608
CI-RC2-510-19	19	1518	1474	774	10.625	1.2608
CI-RC2-510-20	20	1596	1551	815	11.184	1.2608
CI-RC2-510-21	21	1674	1629	855	11.744	1.2608
CI-RC2-510-22	22	1753	1706	896	12.303	1.2608
CI-RC2-510-23	23	1831	1784	937	12.862	1.2608
CI-RC2-510-24	24	1909	1861	978	13.421	1.2608
CI-RC2-510-25	25	1988	1939	1018	13.981	1.2608
CI-RC2-510-26	26	2066	2017	1059	14.540	1.2608
CI-RC2-510-27	27	2144	2094	1100	15.099	1.2608
CI-RC2-510-28	28	2222	2172	1140	15.658	1.2608
CI-RC2-510-29	29	2301	2249	1181	16.217	1.2608
CI-RC2-510-30	30	2379	2327	1222	16.777	1.2608
CI-RC2-510-31	31	2457	2404	1263	17.336	1.2608
CI-RC2-510-32	32	2536	2482	1303	17.895	1.2608
CI-RC2-510-33	33	2614	2560	1344	18.454	1.2608
CI-RC2-510-34	34	2692	2637	1385	19.013	1.2608
CI-RC2-510-35	35	2771	2715	1426	19.573	1.2608
CI-RC2-510-36	36	2849	2792	1466	20.132	1.2608
CI-RC2-510-37	37	2927	2870	1507	20.691	1.2608
CI-RC2-510-38	38	3005	2947	1548	21.250	1.2608
CI-RC2-510-39	39	3084	3025	1589	21.810	1.2608
CI-RC2-510-40	40	3162	3102	1629	22.369	1.2608