



Declaration of Performance

No. 202009-1133

Rococo II 660mm

Unique product code:	CI/RC2/660
Type, batch or serial number:	CI/RC2/660
Intended use of the construction product:	In heating systems in buildings
Manufacturer:	Castrads Limited 1 Kenwood Road Stockport SK5 6PH United Kingdom
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	BSRIA Limited Old Bracknell Lane West Bracknell Berkshire RG12 7AH United Kingdom
Test report number:	59847

Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 × maximum operating pressure [kPa]	
Surface temperature	Maximum 120 °C	
Resistance to pressure	No breakage at 1.69 × maximum operating pressure [kPa]	
Resistance to pressure	Maximum operating pressure: 1000 [kPa]	
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	

Appendix: Dimensions and thermal outputs

Dimensions: 660mm h, 205mm d for all numbers of sections. See table for length.

SKU	Number of sections	Length, mm	Output, W $\Delta T50$	Output, W $\Delta T30$	Factor, Km	Exponent, n
CI/RC2/660/03	3	258	297	156	2.166	1.2559
CI/RC2/660/04	4	334	396	208	2.888	1.2559
CI/RC2/660/05	5	410	495	260	3.610	1.2559
CI/RC2/660/06	6	486	594	312	4.332	1.2559
CI/RC2/660/07	7	562	693	364	5.054	1.2559
CI/RC2/660/08	8	638	792	416	5.776	1.2559
CI/RC2/660/09	9	714	891	468	6.498	1.2559
CI/RC2/660/10	10	790	990	520	7.220	1.2559
CI/RC2/660/11	11	866	1089	572	7.942	1.2559
CI/RC2/660/12	12	942	1188	624	8.664	1.2559
CI/RC2/660/13	13	1018	1287	676	9.386	1.2559
CI/RC2/660/14	14	1094	1386	728	10.108	1.2559
CI/RC2/660/15	15	1170	1485	780	10.830	1.2559
CI/RC2/660/16	16	1246	1584	832	11.552	1.2559
CI/RC2/660/17	17	1322	1683	884	12.274	1.2559
CI/RC2/660/18	18	1398	1782	936	12.996	1.2559
CI/RC2/660/19	19	1474	1881	988	13.718	1.2559
CI/RC2/660/20	20	1550	1980	1040	14.440	1.2559
CI/RC2/660/21	21	1626	2079	1092	15.162	1.2559
CI/RC2/660/22	22	1702	2178	1144	15.884	1.2559
CI/RC2/660/23	23	1778	2277	1196	16.606	1.2559
CI/RC2/660/24	24	1854	2376	1248	17.328	1.2559
CI/RC2/660/25	25	1930	2475	1300	18.050	1.2559
CI/RC2/660/26	26	2006	2574	1352	18.772	1.2559
CI/RC2/660/27	27	2082	2673	1404	19.494	1.2559
CI/RC2/660/28	28	2158	2772	1456	20.216	1.2559
CI/RC2/660/29	29	2234	2871	1508	20.938	1.2559
CI/RC2/660/30	30	2310	2970	1560	21.660	1.2559
CI/RC2/660/31	31	2386	3069	1612	22.382	1.2559
CI/RC2/660/32	32	2462	3168	1664	23.104	1.2559
CI/RC2/660/33	33	2538	3267	1716	23.826	1.2559
CI/RC2/660/34	34	2614	3366	1768	24.548	1.2559
CI/RC2/660/35	35	2690	3465	1820	25.270	1.2559
CI/RC2/660/36	36	2766	3564	1872	25.992	1.2559
CI/RC2/660/37	37	2842	3663	1924	26.714	1.2559
CI/RC2/660/38	38	2918	3762	1976	27.436	1.2559
CI/RC2/660/39	39	2994	3861	2028	28.158	1.2559
CI/RC2/660/40	40	3070	3960	2080	28.880	1.2559

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