

Castrads®

Declaration of Performance

No. 202009-1096

Mercury 2 Column 960mm

Unique product code:	CI-M2C-960
Type, batch or serial number:	CI-M2C-960
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:	101534

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
9th July 2026





Appendix to DOP No. 202009-1096: Dimensions and thermal outputs

Panel dimensions: 960mm high when floor standing, 70mm 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-M2C-960-03	3	205	221	114	1.371	1.2991
CI-M2C-960-04	4	263	295	152	1.828	1.2991
CI-M2C-960-05	5	322	368	190	2.285	1.2991
CI-M2C-960-06	6	380	442	227	2.742	1.2991
CI-M2C-960-07	7	438	515	265	3.199	1.2991
CI-M2C-960-08	8	496	589	303	3.656	1.2991
CI-M2C-960-09	9	555	663	341	4.113	1.2991
CI-M2C-960-10	10	613	736	379	4.570	1.2991
CI-M2C-960-11	11	671	810	417	5.027	1.2991
CI-M2C-960-12	12	730	884	455	5.484	1.2991
CI-M2C-960-13	13	788	957	493	5.941	1.2991
CI-M2C-960-14	14	846	1031	531	6.398	1.2991
CI-M2C-960-15	15	905	1104	569	6.855	1.2991
CI-M2C-960-16	16	963	1178	607	7.312	1.2991
CI-M2C-960-17	17	1021	1252	645	7.769	1.2991
CI-M2C-960-18	18	1079	1325	682	8.226	1.2991
CI-M2C-960-19	19	1138	1399	720	8.683	1.2991
CI-M2C-960-20	20	1196	1473	758	9.140	1.2991
CI-M2C-960-21	21	1254	1546	796	9.597	1.2991
CI-M2C-960-22	22	1313	1620	834	10.054	1.2991
CI-M2C-960-23	23	1371	1693	872	10.511	1.2991
CI-M2C-960-24	24	1429	1767	910	10.968	1.2991
CI-M2C-960-25	25	1488	1841	948	11.425	1.2991
CI-M2C-960-26	26	1546	1914	986	11.881	1.2991
CI-M2C-960-27	27	1604	1988	1024	12.338	1.2991
CI-M2C-960-28	28	1662	2062	1062	12.795	1.2991
CI-M2C-960-29	29	1721	2135	1100	13.252	1.2991
CI-M2C-960-30	30	1779	2209	1137	13.709	1.2991
CI-M2C-960-31	31	1837	2282	1175	14.166	1.2991
CI-M2C-960-32	32	1896	2356	1213	14.623	1.2991
CI-M2C-960-33	33	1954	2430	1251	15.080	1.2991
CI-M2C-960-34	34	2012	2503	1289	15.537	1.2991
CI-M2C-960-35	35	2071	2577	1327	15.994	1.2991
CI-M2C-960-36	36	2129	2651	1365	16.451	1.2991
CI-M2C-960-37	37	2187	2724	1403	16.908	1.2991
CI-M2C-960-38	38	2245	2798	1441	17.365	1.2991
CI-M2C-960-39	39	2304	2871	1479	17.822	1.2991
CI-M2C-960-40	40	2362	2945	1517	18.279	1.2991