Declaration of Performance

No. 202009-1104

Mercury 4 Column 760mm

Unique product code:	CI-M4C-760
Type, batch or serial number:	CI-M4C-760
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:	61431

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
17th November 2026



Castrads®

Appendix to DOP No. 202009-1104: Dimensions and thermal outputs

Panel dimensions: 760mm 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-M4C-760-03	3	205	288	152	2.195	1.2468
CI-M4C-760-04	4	263	384	203	2.926	1.2468
CI-M4C-760-05	5	322	480	254	3.658	1.2468
CI-M4C-760-06	6	380	576	305	4.389	1.2468
CI-M4C-760-07	7	438	672	356	5.121	1.2468
CI-M4C-760-08	8	496	768	406	5.852	1.2468
CI-M4C-760-09	9	555	864	457	6.584	1.2468
CI-M4C-760-10	10	613	960	508	7.315	1.2468
CI-M4C-760-11	11	671	1057	559	8.047	1.2468
CI-M4C-760-12	12	730	1153	610	8.778	1.2468
CI-M4C-760-13	13	788	1249	660	9.510	1.2468
CI-M4C-760-14	14	846	1345	711	10.241	1.2468
CI-M4C-760-15	15	905	1441	762	10.973	1.2468
CI-M4C-760-16	16	963	1537	813	11.704	1.2468
CI-M4C-760-17	17	1021	1633	864	12.436	1.2468
CI-M4C-760-18	18	1079	1729	914	13.167	1.2468
CI-M4C-760-19	19	1138	1825	965	13.899	1.2468
CI-M4C-760-20	20	1196	1921	1016	14.630	1.2468
CI-M4C-760-21	21	1254	2017	1067	15.362	1.2468
CI-M4C-760-22	22	1313	2113	1118	16.093	1.2468
CI-M4C-760-23	23	1371	2209	1168	16.825	1.2468
CI-M4C-760-24	24	1429	2305	1219	17.556	1.2468
CI-M4C-760-25	25	1488	2401	1270	18.288	1.2468
CI-M4C-760-26	26	1546	2497	1321	19.019	1.2468
CI-M4C-760-27	27	1604	2593	1372	19.751	1.2468
CI-M4C-760-28	28	1662	2689	1422	20.482	1.2468
CI-M4C-760-29	29	1721	2785	1473	21.214	1.2468
CI-M4C-760-30	30	1779	2881	1524	21.945	1.2468
CI-M4C-760-31	31	1837	2978	1575	22.677	1.2468
CI-M4C-760-32	32	1896	3074	1626	23.408	1.2468
CI-M4C-760-33	33	1954	3170	1676	24.140	1.2468
CI-M4C-760-34	34	2012	3266	1727	24.871	1.2468
CI-M4C-760-35	35	2071	3362	1778	25.603	1.2468
CI-M4C-760-36	36	2129	3458	1829	26.334	1.2468
CI-M4C-760-37	37	2187	3554	1880	27.066	1.2468
CI-M4C-760-38	38	2245	3650	1931	27.797	1.2468
CI-M4C-760-39	39	2304	3746	1981	28.529	1.2468
CI-M4C-760-40	40	2362	3842	2032	29.260	1.2468