Declaration of Performance

No. 202009-1095

Mercury 2 Column 760mm

Unique product code:	CI-M2C-760
Type, batch or serial number:	CI-M2C-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:	101534

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. 202009-1095: Dimensions and thermal outputs

Panel dimensions: 760mm 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-760-03	3	205	176	92	1.238	1.2669
CI-M2C-760-04	4	263	234	123	1.651	1.2669
CI-M2C-760-05	5	322	293	153	2.064	1.2669
CI-M2C-760-06	6	380	352	184	2.476	1.2669
CI-M2C-760-07	7	438	410	215	2.889	1.2669
CI-M2C-760-08	8	496	469	246	3.302	1.2669
CI-M2C-760-09	9	555	528	276	3.714	1.2669
CI-M2C-760-10	10	613	586	307	4.127	1.2669
CI-M2C-760-11	11	671	645	338	4.540	1.2669
CI-M2C-760-12	12	730	703	368	4.952	1.2669
CI-M2C-760-13	13	788	762	399	5.365	1.2669
CI-M2C-760-14	14	846	821	430	5.778	1.2669
CI-M2C-760-15	15	905	879	460	6.191	1.2669
CI-M2C-760-16	16	963	938	491	6.603	1.2669
CI-M2C-760-17	17	1021	997	522	7.016	1.2669
CI-M2C-760-18	18	1079	1055	552	7.429	1.2669
CI-M2C-760-19	19	1138	1114	583	7.841	1.2669
CI-M2C-760-20	20	1196	1172	614	8.254	1.2669
CI-M2C-760-21	21	1254	1231	644	8.667	1.2669
CI-M2C-760-22	22	1313	1290	675	9.079	1.2669
CI-M2C-760-23	23	1371	1348	706	9.492	1.2669
CI-M2C-760-24	24	1429	1407	737	9.905	1.2669
CI-M2C-760-25	25	1488	1466	767	10.318	1.2669
CI-M2C-760-26	26	1546	1524	798	10.730	1.2669
CI-M2C-760-27	27	1604	1583	829	11.143	1.2669
CI-M2C-760-28	28	1662	1641	859	11.556	1.2669
CI-M2C-760-29	29	1721	1700	890	11.968	1.2669
CI-M2C-760-30	30	1779	1759	921	12.381	1.2669
CI-M2C-760-31	31	1837	1817	951	12.794	1.2669
CI-M2C-760-32	32	1896	1876	982	13.206	1.2669
CI-M2C-760-33	33	1954	1935	1013	13.619	1.2669
CI-M2C-760-34	34	2012	1993	1043	14.032	1.2669
CI-M2C-760-35	35	2071	2052	1074	14.445	1.2669
CI-M2C-760-36	36	2129	2110	1105	14.857	1.2669
CI-M2C-760-37	37	2187	2169	1136	15.270	1.2669
CI-M2C-760-38	38	2245	2228	1166	15.683	1.2669
CI-M2C-760-39	39	2304	2286	1197	16.095	1.2669
CI-M2C-760-40	40	2362	2345	1228	16.508	1.2669