Declaration of Performance

No. 202009-1103

Mercury 4 Column 560mm

Unique product code:	CI-M4C-560
Type, batch or serial number:	CI-M4C-560
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:	101885/3

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
18th November 2026

Castrads®

Appendix to DOP No. 202009-1103: Dimensions and thermal outputs

Panel dimensions: 560mm 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-560-03	3	205	212	113	1.750	1.2263
CI-M4C-560-04	4	263	283	151	2.333	1.2263
CI-M4C-560-05	5	322	353	189	2.917	1.2263
CI-M4C-560-06	6	380	424	227	3.500	1.2263
CI-M4C-560-07	7	438	495	264	4.083	1.2263
CI-M4C-560-08	8	496	565	302	4.666	1.2263
CI-M4C-560-09	9	555	636	340	5.250	1.2263
CI-M4C-560-10	10	613	707	378	5.833	1.2263
CI-M4C-560-11	11	671	778	416	6.416	1.2263
CI-M4C-560-12	12	730	848	453	7.000	1.2263
CI-M4C-560-13	13	788	919	491	7.583	1.2263
CI-M4C-560-14	14	846	990	529	8.166	1.2263
CI-M4C-560-15	15	905	1060	567	8.750	1.2263
CI-M4C-560-16	16	963	1131	605	9.333	1.2263
CI-M4C-560-17	17	1021	1202	642	9.916	1.2263
CI-M4C-560-18	18	1079	1272	680	10.499	1.2263
CI-M4C-560-19	19	1138	1343	718	11.083	1.2263
CI-M4C-560-20	20	1196	1414	756	11.666	1.2263
CI-M4C-560-21	21	1254	1484	793	12.249	1.2263
CI-M4C-560-22	22	1313	1555	831	12.833	1.2263
CI-M4C-560-23	23	1371	1626	869	13.416	1.2263
CI-M4C-560-24	24	1429	1696	907	13.999	1.2263
CI-M4C-560-25	25	1488	1767	945	14.583	1.2263
CI-M4C-560-26	26	1546	1838	982	15.166	1.2263
CI-M4C-560-27	27	1604	1909	1020	15.749	1.2263
CI-M4C-560-28	28	1662	1979	1058	16.332	1.2263
CI-M4C-560-29	29	1721	2050	1096	16.916	1.2263
CI-M4C-560-30	30	1779	2121	1133	17.499	1.2263
CI-M4C-560-31	31	1837	2191	1171	18.082	1.2263
CI-M4C-560-32	32	1896	2262	1209	18.666	1.2263
CI-M4C-560-33	33	1954	2333	1247	19.249	1.2263
CI-M4C-560-34	34	2012	2403	1285	19.832	1.2263
CI-M4C-560-35	35	2071	2474	1322	20.416	1.2263
CI-M4C-560-36	36	2129	2545	1360	20.999	1.2263
CI-M4C-560-37	37	2187	2615	1398	21.582	1.2263
CI-M4C-560-38	38	2245	2686	1436	22.165	1.2263
CI-M4C-560-39	39	2304	2757	1474	22.749	1.2263
CI-M4C-560-40	40	2362	2827	1511	23.332	1.2263