Declaration of Performance

No. 202009-1106

Mercury 4 Column 660mm

Unique product code:	CI-M4C-660
Type, batch or serial number:	CI-M4C-660
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:	108783-1

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. 202009-1106: Dimensions and thermal outputs

Panel dimensions: 660mm 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-660-03	3	205	250	134	2.141	1.2170
CI-M4C-660-04	4	263	334	179	2.854	1.2170
CI-M4C-660-05	5	322	417	224	3.568	1.2170
CI-M4C-660-06	6	380	500	269	4.281	1.2170
CI-M4C-660-07	7	438	584	313	4.995	1.2170
CI-M4C-660-08	8	496	667	358	5.708	1.2170
CI-M4C-660-09	9	555	750	403	6.422	1.2170
CI-M4C-660-10	10	613	834	448	7.135	1.2170
CI-M4C-660-11	11	671	917	493	7.849	1.2170
CI-M4C-660-12	12	730	1001	537	8.562	1.2170
CI-M4C-660-13	13	788	1084	582	9.276	1.2170
CI-M4C-660-14	14	846	1167	627	9.989	1.2170
CI-M4C-660-15	15	905	1251	672	10.703	1.2170
CI-M4C-660-16	16	963	1334	716	11.416	1.2170
CI-M4C-660-17	17	1021	1417	761	12.130	1.2170
CI-M4C-660-18	18	1079	1501	806	12.843	1.2170
CI-M4C-660-19	19	1138	1584	851	13.557	1.2170
CI-M4C-660-20	20	1196	1668	896	14.270	1.2170
CI-M4C-660-21	21	1254	1751	940	14.984	1.2170
CI-M4C-660-22	22	1313	1834	985	15.697	1.2170
CI-M4C-660-23	23	1371	1918	1030	16.411	1.2170
CI-M4C-660-24	24	1429	2001	1075	17.124	1.2170
CI-M4C-660-25	25	1488	2084	1119	17.838	1.2170
CI-M4C-660-26	26	1546	2168	1164	18.551	1.2170
CI-M4C-660-27	27	1604	2251	1209	19.265	1.2170
CI-M4C-660-28	28	1662	2335	1254	19.978	1.2170
CI-M4C-660-29	29	1721	2418	1299	20.692	1.2170
CI-M4C-660-30	30	1779	2501	1343	21.405	1.2170
CI-M4C-660-31	31	1837	2585	1388	22.119	1.2170
CI-M4C-660-32	32	1896	2668	1433	22.832	1.2170
CI-M4C-660-33	33	1954	2751	1478	23.546	1.2170
CI-M4C-660-34	34	2012	2835	1522	24.259	1.2170
CI-M4C-660-35	35	2071	2918	1567	24.973	1.2170
CI-M4C-660-36	36	2129	3002	1612	25.686	1.2170
CI-M4C-660-37	37	2187	3085	1657	26.400	1.2170
CI-M4C-660-38	38	2245	3168	1702	27.113	1.2170
CI-M4C-660-39	39	2304	3252	1746	27.827	1.2170
CI-M4C-660-40	40	2362	3335	1791	28.540	1.2170