Declaration of Performance

No. 202009-1105

Mercury 4 Column 860mm

Unique product code:	CI-M4C-860
Type, batch or serial number:	CI-M4C-860
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
4th November 2026



Castrads®

Appendix to DOP No. 202009-1105: Dimensions and thermal outputs

Panel dimensions: 860mm 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-860-03	3	205	325	170	2.228	1.2739
CI-M4C-860-04	4	263	434	226	2.970	1.2739
CI-M4C-860-05	5	322	542	283	3.713	1.2739
CI-M4C-860-06	6	380	650	339	4.456	1.2739
CI-M4C-860-07	7	438	759	396	5.198	1.2739
CI-M4C-860-08	8	496	867	452	5.941	1.2739
CI-M4C-860-09	9	555	976	509	6.683	1.2739
CI-M4C-860-10	10	613	1084	566	7.426	1.2739
CI-M4C-860-11	11	671	1193	622	8.169	1.2739
CI-M4C-860-12	12	730	1301	679	8.911	1.2739
CI-M4C-860-13	13	788	1409	735	9.654	1.2739
CI-M4C-860-14	14	846	1518	792	10.396	1.2739
CI-M4C-860-15	15	905	1626	848	11.139	1.2739
CI-M4C-860-16	16	963	1735	905	11.882	1.2739
CI-M4C-860-17	17	1021	1843	961	12.624	1.2739
CI-M4C-860-18	18	1079	1951	1018	13.367	1.2739
CI-M4C-860-19	19	1138	2060	1075	14.109	1.2739
CI-M4C-860-20	20	1196	2168	1131	14.852	1.2739
CI-M4C-860-21	21	1254	2277	1188	15.595	1.2739
CI-M4C-860-22	22	1313	2385	1244	16.337	1.2739
CI-M4C-860-23	23	1371	2493	1301	17.080	1.2739
CI-M4C-860-24	24	1429	2602	1357	17.822	1.2739
CI-M4C-860-25	25	1488	2710	1414	18.565	1.2739
CI-M4C-860-26	26	1546	2819	1470	19.308	1.2739
CI-M4C-860-27	27	1604	2927	1527	20.050	1.2739
CI-M4C-860-28	28	1662	3036	1583	20.793	1.2739
CI-M4C-860-29	29	1721	3144	1640	21.535	1.2739
CI-M4C-860-30	30	1779	3252	1697	22.278	1.2739
CI-M4C-860-31	31	1837	3361	1753	23.021	1.2739
CI-M4C-860-32	32	1896	3469	1810	23.763	1.2739
CI-M4C-860-33	33	1954	3578	1866	24.506	1.2739
CI-M4C-860-34	34	2012	3686	1923	25.248	1.2739
CI-M4C-860-35	35	2071	3794	1979	25.991	1.2739
CI-M4C-860-36	36	2129	3903	2036	26.734	1.2739
CI-M4C-860-37	37	2187	4011	2092	27.476	1.2739
CI-M4C-860-38	38	2245	4120	2149	28.219	1.2739
CI-M4C-860-39	39	2304	4228	2206	28.961	1.2739
CI-M4C-860-40	40	2362	4336	2262	29.704	1.2739