Declaration of Performance

No. 202009-1100

Mercury 3 Column 860mm

Unique product code:	CI-M3C-860
Type, batch or serial number:	CI-M3C-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
27th November 2026



Castrads®

Appendix to DOP No. 202009-1100: Dimensions and thermal outputs

Panel dimensions: 860mm high when floor standing, 101mm 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-M3C-860-03	3	205	262	135	1.608	1.3020
CI-M3C-860-04	4	263	349	180	2.144	1.3020
CI-M3C-860-05	5	322	437	225	2.680	1.3020
CI-M3C-860-06	6	380	524	269	3.216	1.3020
CI-M3C-860-07	7	438	611	314	3.752	1.3020
CI-M3C-860-08	8	496	699	359	4.288	1.3020
CI-M3C-860-09	9	555	786	404	4.824	1.3020
CI-M3C-860-10	10	613	873	449	5.360	1.3020
CI-M3C-860-11	11	671	961	494	5.896	1.3020
CI-M3C-860-12	12	730	1048	539	6.432	1.3020
CI-M3C-860-13	13	788	1135	584	6.968	1.3020
CI-M3C-860-14	14	846	1223	629	7.504	1.3020
CI-M3C-860-15	15	905	1310	674	8.040	1.3020
CI-M3C-860-16	16	963	1398	719	8.576	1.3020
CI-M3C-860-17	17	1021	1485	764	9.112	1.3020
CI-M3C-860-18	18	1079	1572	808	9.648	1.3020
CI-M3C-860-19	19	1138	1660	853	10.184	1.3020
CI-M3C-860-20	20	1196	1747	898	10.720	1.3020
CI-M3C-860-21	21	1254	1834	943	11.256	1.3020
CI-M3C-860-22	22	1313	1922	988	11.792	1.3020
CI-M3C-860-23	23	1371	2009	1033	12.328	1.3020
CI-M3C-860-24	24	1429	2096	1078	12.864	1.3020
CI-M3C-860-25	25	1488	2184	1123	13.400	1.3020
CI-M3C-860-26	26	1546	2271	1168	13.936	1.3020
CI-M3C-860-27	27	1604	2358	1213	14.472	1.3020
CI-M3C-860-28	28	1662	2446	1258	15.008	1.3020
CI-M3C-860-29	29	1721	2533	1303	15.544	1.3020
CI-M3C-860-30	30	1779	2620	1347	16.080	1.3020
CI-M3C-860-31	31	1837	2708	1392	16.616	1.3020
CI-M3C-860-32	32	1896	2795	1437	17.152	1.3020
CI-M3C-860-33	33	1954	2882	1482	17.688	1.3020
CI-M3C-860-34	34	2012	2970	1527	18.224	1.3020
CI-M3C-860-35	35	2071	3057	1572	18.760	1.3020
CI-M3C-860-36	36	2129	3144	1617	19.296	1.3020
CI-M3C-860-37	37	2187	3232	1662	19.832	1.3020
CI-M3C-860-38	38	2245	3319	1707	20.368	1.3020
CI-M3C-860-39	39	2304	3406	1752	20.905	1.3020
CI-M3C-860-40	40	2362	3494	1797	21.441	1.3020