Declaration of Performance

No. 202009-1099

Mercury 3 Column 760mm

Unique product code:	CI-M3C-760
Type, batch or serial number:	CI-M3C-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:	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
31st October 2026



Castrads®

Appendix to DOP No. 202009-1099: Dimensions and thermal outputs

Panel dimensions: 760mm 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-760-03	3	205	232	120	1.431	1.3013
CI-M3C-760-04	4	263	310	159	1.908	1.3013
CI-M3C-760-05	5	322	387	199	2.385	1.3013
CI-M3C-760-06	6	380	465	239	2.861	1.3013
CI-M3C-760-07	7	438	542	279	3.338	1.3013
CI-M3C-760-08	8	496	620	319	3.815	1.3013
CI-M3C-760-09	9	555	697	359	4.292	1.3013
CI-M3C-760-10	10	613	775	399	4.769	1.3013
CI-M3C-760-11	11	671	852	439	5.246	1.3013
CI-M3C-760-12	12	730	930	478	5.723	1.3013
CI-M3C-760-13	13	788	1007	518	6.200	1.3013
CI-M3C-760-14	14	846	1085	558	6.677	1.3013
CI-M3C-760-15	15	905	1162	598	7.154	1.3013
CI-M3C-760-16	16	963	1240	638	7.630	1.3013
CI-M3C-760-17	17	1021	1317	678	8.107	1.3013
CI-M3C-760-18	18	1079	1395	718	8.584	1.3013
CI-M3C-760-19	19	1138	1472	757	9.061	1.3013
CI-M3C-760-20	20	1196	1550	797	9.538	1.3013
CI-M3C-760-21	21	1254	1627	837	10.015	1.3013
CI-M3C-760-22	22	1313	1705	877	10.492	1.3013
CI-M3C-760-23	23	1371	1782	917	10.969	1.3013
CI-M3C-760-24	24	1429	1860	957	11.446	1.3013
CI-M3C-760-25	25	1488	1937	997	11.923	1.3013
CI-M3C-760-26	26	1546	2015	1037	12.399	1.3013
CI-M3C-760-27	27	1604	2092	1076	12.876	1.3013
CI-M3C-760-28	28	1662	2170	1116	13.353	1.3013
CI-M3C-760-29	29	1721	2247	1156	13.830	1.3013
CI-M3C-760-30	30	1779	2325	1196	14.307	1.3013
CI-M3C-760-31	31	1837	2402	1236	14.784	1.3013
CI-M3C-760-32	32	1896	2480	1276	15.261	1.3013
CI-M3C-760-33	33	1954	2557	1316	15.738	1.3013
CI-M3C-760-34	34	2012	2635	1355	16.215	1.3013
CI-M3C-760-35	35	2071	2712	1395	16.692	1.3013
CI-M3C-760-36	36	2129	2790	1435	17.168	1.3013
CI-M3C-760-37	37	2187	2867	1475	17.645	1.3013
CI-M3C-760-38	38	2245	2945	1515	18.122	1.3013
CI-M3C-760-39	39	2304	3022	1555	18.599	1.3013
CI-M3C-760-40	40	2362	3100	1595	19.076	1.3013