

 **Castrads**[®]
Declaration of Performance

No. 202009-1104

Mercury 4 Column 760mm

Unique product code:	CI-M4C-760
Type, batch or serial number:	CI-M4C-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	
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]	EN 442-1:2014
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\phi = K_m \cdot \Delta T^n$. See appendix for factor K_m 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
1st May 2026





Appendix to DOP No. 202009-1104: Dimensions and thermal outputs

Panel dimensions: 760mm 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-760-03	3	205	287	152	2.198	1.2454
CI-M4C-760-04	4	263	383	203	2.930	1.2454
CI-M4C-760-05	5	322	478	253	3.663	1.2454
CI-M4C-760-06	6	380	574	304	4.396	1.2454
CI-M4C-760-07	7	438	670	354	5.128	1.2454
CI-M4C-760-08	8	496	765	405	5.861	1.2454
CI-M4C-760-09	9	555	861	456	6.593	1.2454
CI-M4C-760-10	10	613	957	506	7.326	1.2454
CI-M4C-760-11	11	671	1052	557	8.058	1.2454
CI-M4C-760-12	12	730	1148	608	8.791	1.2454
CI-M4C-760-13	13	788	1244	658	9.524	1.2454
CI-M4C-760-14	14	846	1339	709	10.256	1.2454
CI-M4C-760-15	15	905	1435	760	10.989	1.2454
CI-M4C-760-16	16	963	1531	810	11.721	1.2454
CI-M4C-760-17	17	1021	1626	861	12.454	1.2454
CI-M4C-760-18	18	1079	1722	911	13.187	1.2454
CI-M4C-760-19	19	1138	1818	962	13.919	1.2454
CI-M4C-760-20	20	1196	1913	1013	14.652	1.2454
CI-M4C-760-21	21	1254	2009	1063	15.384	1.2454
CI-M4C-760-22	22	1313	2105	1114	16.117	1.2454
CI-M4C-760-23	23	1371	2200	1165	16.850	1.2454
CI-M4C-760-24	24	1429	2296	1215	17.582	1.2454
CI-M4C-760-25	25	1488	2392	1266	18.315	1.2454
CI-M4C-760-26	26	1546	2487	1317	19.047	1.2454
CI-M4C-760-27	27	1604	2583	1367	19.780	1.2454
CI-M4C-760-28	28	1662	2679	1418	20.512	1.2454
CI-M4C-760-29	29	1721	2774	1468	21.245	1.2454
CI-M4C-760-30	30	1779	2870	1519	21.978	1.2454
CI-M4C-760-31	31	1837	2966	1570	22.710	1.2454
CI-M4C-760-32	32	1896	3061	1620	23.443	1.2454
CI-M4C-760-33	33	1954	3157	1671	24.175	1.2454
CI-M4C-760-34	34	2012	3253	1722	24.908	1.2454
CI-M4C-760-35	35	2071	3348	1772	25.641	1.2454
CI-M4C-760-36	36	2129	3444	1823	26.373	1.2454
CI-M4C-760-37	37	2187	3540	1874	27.106	1.2454
CI-M4C-760-38	38	2245	3635	1924	27.838	1.2454
CI-M4C-760-39	39	2304	3731	1975	28.571	1.2454
CI-M4C-760-40	40	2362	3827	2025	29.304	1.2454