Declaration of Performance

No. 202009-1098

Mercury 3 Column 660mm

Unique product code:	CI-M3C-660
Type, batch or serial number:	CI-M3C-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:	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
29th November 2026



Castrads®

Appendix to DOP No. 202009-1098: Dimensions and thermal outputs

Panel dimensions: 660mm 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-660-03	3	205	199	105	1.421	1.2636
CI-M3C-660-04	4	263	266	139	1.895	1.2636
CI-M3C-660-05	5	322	332	174	2.369	1.2636
CI-M3C-660-06	6	380	399	209	2.842	1.2636
CI-M3C-660-07	7	438	465	244	3.316	1.2636
CI-M3C-660-08	8	496	531	279	3.790	1.2636
CI-M3C-660-09	9	555	598	314	4.263	1.2636
CI-M3C-660-10	10	613	664	348	4.737	1.2636
CI-M3C-660-11	11	671	731	383	5.211	1.2636
CI-M3C-660-12	12	730	797	418	5.685	1.2636
CI-M3C-660-13	13	788	864	453	6.158	1.2636
CI-M3C-660-14	14	846	930	488	6.632	1.2636
CI-M3C-660-15	15	905	996	523	7.106	1.2636
CI-M3C-660-16	16	963	1063	557	7.579	1.2636
CI-M3C-660-17	17	1021	1129	592	8.053	1.2636
CI-M3C-660-18	18	1079	1196	627	8.527	1.2636
CI-M3C-660-19	19	1138	1262	662	9.001	1.2636
CI-M3C-660-20	20	1196	1329	697	9.474	1.2636
CI-M3C-660-21	21	1254	1395	732	9.948	1.2636
CI-M3C-660-22	22	1313	1461	766	10.422	1.2636
CI-M3C-660-23	23	1371	1528	801	10.895	1.2636
CI-M3C-660-24	24	1429	1594	836	11.369	1.2636
CI-M3C-660-25	25	1488	1661	871	11.843	1.2636
CI-M3C-660-26	26	1546	1727	906	12.317	1.2636
CI-M3C-660-27	27	1604	1793	941	12.790	1.2636
CI-M3C-660-28	28	1662	1860	975	13.264	1.2636
CI-M3C-660-29	29	1721	1926	1010	13.738	1.2636
CI-M3C-660-30	30	1779	1993	1045	14.211	1.2636
CI-M3C-660-31	31	1837	2059	1080	14.685	1.2636
CI-M3C-660-32	32	1896	2126	1115	15.159	1.2636
CI-M3C-660-33	33	1954	2192	1150	15.633	1.2636
CI-M3C-660-34	34	2012	2258	1184	16.106	1.2636
CI-M3C-660-35	35	2071	2325	1219	16.580	1.2636
CI-M3C-660-36	36	2129	2391	1254	17.054	1.2636
CI-M3C-660-37	37	2187	2458	1289	17.527	1.2636
CI-M3C-660-38	38	2245	2524	1324	18.001	1.2636
CI-M3C-660-39	39	2304	2591	1359	18.475	1.2636
CI-M3C-660-40	40	2362	2657	1393	18.949	1.2636