Declaration of Performance

No. 202009-1109

Mercury 6 Column 960mm

Unique product code:	CI-M6C-960
Type, batch or serial number:	CI-M6C-960
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:	103146A2PS

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
23rd November 2026



Castrads®

Appendix to DOP No. 202009-1109: Dimensions and thermal outputs

Panel dimensions: 960mm high when floor standing, 215mm 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-M6C-960-03	3	205	512	254	2.367	1.3745
CI-M6C-960-04	4	263	683	338	3.156	1.3745
CI-M6C-960-05	5	322	854	423	3.945	1.3745
CI-M6C-960-06	6	380	1024	508	4.734	1.3745
CI-M6C-960-07	7	438	1195	592	5.523	1.3745
CI-M6C-960-08	8	496	1366	677	6.312	1.3745
CI-M6C-960-09	9	555	1537	761	7.101	1.3745
CI-M6C-960-10	10	613	1707	846	7.890	1.3745
CI-M6C-960-11	11	671	1878	931	8.679	1.3745
CI-M6C-960-12	12	730	2049	1015	9.468	1.3745
CI-M6C-960-13	13	788	2219	1100	10.257	1.3745
CI-M6C-960-14	14	846	2390	1184	11.046	1.3745
CI-M6C-960-15	15	905	2561	1269	11.835	1.3745
CI-M6C-960-16	16	963	2732	1354	12.624	1.3745
CI-M6C-960-17	17	1021	2902	1438	13.413	1.3745
CI-M6C-960-18	18	1079	3073	1523	14.202	1.3745
CI-M6C-960-19	19	1138	3244	1607	14.991	1.3745
CI-M6C-960-20	20	1196	3415	1692	15.780	1.3745
CI-M6C-960-21	21	1254	3585	1777	16.569	1.3745
CI-M6C-960-22	22	1313	3756	1861	17.358	1.3745
CI-M6C-960-23	23	1371	3927	1946	18.147	1.3745
CI-M6C-960-24	24	1429	4097	2030	18.936	1.3745
CI-M6C-960-25	25	1488	4268	2115	19.725	1.3745
CI-M6C-960-26	26	1546	4439	2200	20.513	1.3745
CI-M6C-960-27	27	1604	4610	2284	21.302	1.3745
CI-M6C-960-28	28	1662	4780	2369	22.091	1.3745
CI-M6C-960-29	29	1721	4951	2453	22.880	1.3745
CI-M6C-960-30	30	1779	5122	2538	23.669	1.3745
CI-M6C-960-31	31	1837	5293	2623	24.458	1.3745
CI-M6C-960-32	32	1896	5463	2707	25.247	1.3745
CI-M6C-960-33	33	1954	5634	2792	26.036	1.3745
CI-M6C-960-34	34	2012	5805	2876	26.825	1.3745
CI-M6C-960-35	35	2071	5975	2961	27.614	1.3745
CI-M6C-960-36	36	2129	6146	3046	28.403	1.3745
CI-M6C-960-37	37	2187	6317	3130	29.192	1.3745
CI-M6C-960-38	38	2245	6488	3215	29.981	1.3745
CI-M6C-960-39	39	2304	6658	3299	30.770	1.3745
CI-M6C-960-40	40	2362	6829	3384	31.559	1.3745