Declaration of Performance

No. 202009-1107

Mercury 6 Column 360mm

Unique product code:	CI-M6C-360
Type, batch or serial number:	CI-M6C-360
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:	101534

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
13th November 2026



Castrads®

Appendix to DOP No. 202009-1107: Dimensions and thermal outputs

Panel dimensions: 360mm 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-360-03	3	205	189	101	1.545	1.2292
CI-M6C-360-04	4	263	253	135	2.060	1.2292
CI-M6C-360-05	5	322	316	168	2.576	1.2292
CI-M6C-360-06	6	380	379	202	3.091	1.2292
CI-M6C-360-07	7	438	442	236	3.606	1.2292
CI-M6C-360-08	8	496	505	270	4.121	1.2292
CI-M6C-360-09	9	555	568	303	4.636	1.2292
CI-M6C-360-10	10	613	631	337	5.151	1.2292
CI-M6C-360-11	11	671	695	371	5.666	1.2292
CI-M6C-360-12	12	730	758	404	6.181	1.2292
CI-M6C-360-13	13	788	821	438	6.697	1.2292
CI-M6C-360-14	14	846	884	472	7.212	1.2292
CI-M6C-360-15	15	905	947	505	7.727	1.2292
CI-M6C-360-16	16	963	1010	539	8.242	1.2292
CI-M6C-360-17	17	1021	1073	573	8.757	1.2292
CI-M6C-360-18	18	1079	1136	607	9.272	1.2292
CI-M6C-360-19	19	1138	1200	640	9.787	1.2292
CI-M6C-360-20	20	1196	1263	674	10.302	1.2292
CI-M6C-360-21	21	1254	1326	708	10.818	1.2292
CI-M6C-360-22	22	1313	1389	741	11.333	1.2292
CI-M6C-360-23	23	1371	1452	775	11.848	1.2292
CI-M6C-360-24	24	1429	1515	809	12.363	1.2292
CI-M6C-360-25	25	1488	1578	842	12.878	1.2292
CI-M6C-360-26	26	1546	1642	876	13.393	1.2292
CI-M6C-360-27	27	1604	1705	910	13.908	1.2292
CI-M6C-360-28	28	1662	1768	944	14.423	1.2292
CI-M6C-360-29	29	1721	1831	977	14.938	1.2292
CI-M6C-360-30	30	1779	1894	1011	15.454	1.2292
CI-M6C-360-31	31	1837	1957	1045	15.969	1.2292
CI-M6C-360-32	32	1896	2020	1078	16.484	1.2292
CI-M6C-360-33	33	1954	2084	1112	16.999	1.2292
CI-M6C-360-34	34	2012	2147	1146	17.514	1.2292
CI-M6C-360-35	35	2071	2210	1179	18.029	1.2292
CI-M6C-360-36	36	2129	2273	1213	18.544	1.2292
CI-M6C-360-37	37	2187	2336	1247	19.059	1.2292
CI-M6C-360-38	38	2245	2399	1280	19.575	1.2292
CI-M6C-360-39	39	2304	2462	1314	20.090	1.2292
CI-M6C-360-40	40	2362	2525	1348	20.605	1.2292