Declaration of Performance

No. 202009-1034

Florence 3 Column 765mm

Unique product code:	SMC-F3C-767
Type, batch or serial number:	SMC-F3C-767
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:	Politecnico di Milano
Test report number:	ENE/MRT.ITPL.01004

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
16th October 2026

Castrads®

Appendix to DOP No. 202009-1034: Dimensions and thermal outputs

Panel dimensions: 867mm high when floor standing, 103mm 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
SMC-F3C-767-03	3	165	227	117	1.408	1.2990
SMC-F3C-767-04	4	210	302	156	1.878	1.2990
SMC-F3C-767-05	5	255	378	195	2.347	1.2990
SMC-F3C-767-06	6	300	454	234	2.816	1.2990
SMC-F3C-767-07	7	345	529	273	3.286	1.2990
SMC-F3C-767-08	8	390	605	311	3.755	1.2990
SMC-F3C-767-09	9	435	680	350	4.225	1.2990
SMC-F3C-767-10	10	480	756	389	4.694	1.2990
SMC-F3C-767-11	11	525	832	428	5.163	1.2990
SMC-F3C-767-12	12	570	907	467	5.633	1.2990
SMC-F3C-767-13	13	615	983	506	6.102	1.2990
SMC-F3C-767-14	14	660	1058	545	6.571	1.2990
SMC-F3C-767-15	15	705	1134	584	7.041	1.2990
SMC-F3C-767-16	16	750	1210	623	7.510	1.2990
SMC-F3C-767-17	17	795	1285	662	7.980	1.2990
SMC-F3C-767-18	18	840	1361	701	8.449	1.2990
SMC-F3C-767-19	19	885	1436	740	8.918	1.2990
SMC-F3C-767-20	20	930	1512	779	9.388	1.2990
SMC-F3C-767-21	21	975	1588	818	9.857	1.2990
SMC-F3C-767-22	22	1020	1663	857	10.327	1.2990
SMC-F3C-767-23	23	1065	1739	896	10.796	1.2990
SMC-F3C-767-24	24	1110	1815	934	11.265	1.2990
SMC-F3C-767-25	25	1155	1890	973	11.735	1.2990
SMC-F3C-767-26	26	1200	1966	1012	12.204	1.2990
SMC-F3C-767-27	27	1245	2041	1051	12.674	1.2990
SMC-F3C-767-28	28	1290	2117	1090	13.143	1.2990
SMC-F3C-767-29	29	1335	2193	1129	13.612	1.2990
SMC-F3C-767-30	30	1380	2268	1168	14.082	1.2990
SMC-F3C-767-31	31	1425	2344	1207	14.551	1.2990
SMC-F3C-767-32	32	1470	2419	1246	15.020	1.2990
SMC-F3C-767-33	33	1515	2495	1285	15.490	1.2990
SMC-F3C-767-34	34	1560	2571	1324	15.959	1.2990
SMC-F3C-767-35	35	1605	2646	1363	16.429	1.2990
SMC-F3C-767-36	36	1650	2722	1402	16.898	1.2990
SMC-F3C-767-37	37	1695	2797	1441	17.367	1.2990
SMC-F3C-767-38	38	1740	2873	1480	17.837	1.2990
SMC-F3C-767-39	39	1785	2949	1519	18.306	1.2990
SMC-F3C-767-40	40	1830	3024	1557	18.776	1.2990