

 **Castrads**[®]
Declaration of Performance

No. 202009-1049

Florence 4 Column 765mm

Unique product code:	SMC-F4C-767
Type, batch or serial number:	SMC-F4C-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.01005

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
9th July 2026





Appendix to DOP No. 202009-1049: Dimensions and thermal outputs

Panel dimensions: 867mm high when floor standing, 141mm 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-F4C-767-03	3	165	296	150	1.667	1.3237
SMC-F4C-767-04	4	210	394	200	2.222	1.3237
SMC-F4C-767-05	5	255	493	251	2.778	1.3237
SMC-F4C-767-06	6	300	591	301	3.333	1.3237
SMC-F4C-767-07	7	345	690	351	3.889	1.3237
SMC-F4C-767-08	8	390	788	401	4.445	1.3237
SMC-F4C-767-09	9	435	887	451	5.000	1.3237
SMC-F4C-767-10	10	480	986	501	5.556	1.3237
SMC-F4C-767-11	11	525	1084	551	6.111	1.3237
SMC-F4C-767-12	12	570	1183	601	6.667	1.3237
SMC-F4C-767-13	13	615	1281	652	7.223	1.3237
SMC-F4C-767-14	14	660	1380	702	7.778	1.3237
SMC-F4C-767-15	15	705	1478	752	8.334	1.3237
SMC-F4C-767-16	16	750	1577	802	8.889	1.3237
SMC-F4C-767-17	17	795	1676	852	9.445	1.3237
SMC-F4C-767-18	18	840	1774	902	10.000	1.3237
SMC-F4C-767-19	19	885	1873	952	10.556	1.3237
SMC-F4C-767-20	20	930	1971	1002	11.112	1.3237
SMC-F4C-767-21	21	975	2070	1053	11.667	1.3237
SMC-F4C-767-22	22	1020	2168	1103	12.223	1.3237
SMC-F4C-767-23	23	1065	2267	1153	12.778	1.3237
SMC-F4C-767-24	24	1110	2365	1203	13.334	1.3237
SMC-F4C-767-25	25	1155	2464	1253	13.890	1.3237
SMC-F4C-767-26	26	1200	2563	1303	14.445	1.3237
SMC-F4C-767-27	27	1245	2661	1353	15.001	1.3237
SMC-F4C-767-28	28	1290	2760	1403	15.556	1.3237
SMC-F4C-767-29	29	1335	2858	1454	16.112	1.3237
SMC-F4C-767-30	30	1380	2957	1504	16.667	1.3237
SMC-F4C-767-31	31	1425	3055	1554	17.223	1.3237
SMC-F4C-767-32	32	1470	3154	1604	17.779	1.3237
SMC-F4C-767-33	33	1515	3253	1654	18.334	1.3237
SMC-F4C-767-34	34	1560	3351	1704	18.890	1.3237
SMC-F4C-767-35	35	1605	3450	1754	19.445	1.3237
SMC-F4C-767-36	36	1650	3548	1804	20.001	1.3237
SMC-F4C-767-37	37	1695	3647	1855	20.556	1.3237
SMC-F4C-767-38	38	1740	3745	1905	21.112	1.3237
SMC-F4C-767-39	39	1785	3844	1955	21.668	1.3237
SMC-F4C-767-40	40	1830	3942	2005	22.223	1.3237