Declaration of Performance

No. 202009-1038

Florence 4 Column 1500mm

Unique product code:	SMC-F4C-1502
Type, batch or serial number:	SMC-F4C-1502
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	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
8th September 2026

Castrads®

Appendix to DOP No. 202009-1038: Dimensions and thermal outputs

Panel dimensions: 1602mm 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-1502-03	3	165	548	278	3.042	1.3276
SMC-F4C-1502-04	4	210	731	371	4.057	1.3276
SMC-F4C-1502-05	5	255	913	463	5.071	1.3276
SMC-F4C-1502-06	6	300	1096	556	6.085	1.3276
SMC-F4C-1502-07	7	345	1278	649	7.099	1.3276
SMC-F4C-1502-08	8	390	1461	742	8.113	1.3276
SMC-F4C-1502-09	9	435	1644	834	9.127	1.3276
SMC-F4C-1502-10	10	480	1826	927	10.141	1.3276
SMC-F4C-1502-11	11	525	2009	1020	11.156	1.3276
SMC-F4C-1502-12	12	570	2192	1112	12.170	1.3276
SMC-F4C-1502-13	13	615	2374	1205	13.184	1.3276
SMC-F4C-1502-14	14	660	2557	1298	14.198	1.3276
SMC-F4C-1502-15	15	705	2739	1390	15.212	1.3276
SMC-F4C-1502-16	16	750	2922	1483	16.226	1.3276
SMC-F4C-1502-17	17	795	3105	1576	17.240	1.3276
SMC-F4C-1502-18	18	840	3287	1668	18.255	1.3276
SMC-F4C-1502-19	19	885	3470	1761	19.269	1.3276
SMC-F4C-1502-20	20	930	3653	1854	20.283	1.3276
SMC-F4C-1502-21	21	975	3835	1947	21.297	1.3276
SMC-F4C-1502-22	22	1020	4018	2039	22.311	1.3276
SMC-F4C-1502-23	23	1065	4200	2132	23.325	1.3276
SMC-F4C-1502-24	24	1110	4383	2225	24.339	1.3276
SMC-F4C-1502-25	25	1155	4566	2317	25.354	1.3276
SMC-F4C-1502-26	26	1200	4748	2410	26.368	1.3276
SMC-F4C-1502-27	27	1245	4931	2503	27.382	1.3276
SMC-F4C-1502-28	28	1290	5114	2595	28.396	1.3276
SMC-F4C-1502-29	29	1335	5296	2688	29.410	1.3276
SMC-F4C-1502-30	30	1380	5479	2781	30.424	1.3276
SMC-F4C-1502-31	31	1425	5661	2874	31.438	1.3276
SMC-F4C-1502-32	32	1470	5844	2966	32.452	1.3276
SMC-F4C-1502-33	33	1515	6027	3059	33.467	1.3276
SMC-F4C-1502-34	34	1560	6209	3152	34.481	1.3276
SMC-F4C-1502-35	35	1605	6392	3244	35.495	1.3276
SMC-F4C-1502-36	36	1650	6575	3337	36.509	1.3276
SMC-F4C-1502-37	37	1695	6757	3430	37.523	1.3276
SMC-F4C-1502-38	38	1740	6940	3522	38.537	1.3276
SMC-F4C-1502-39	39	1785	7122	3615	39.551	1.3276
SMC-F4C-1502-40	40	1830	7305	3708	40.566	1.3276