

# Castrads®

## Declaration of Performance

No. 202009-1035

Florence 3 Column 900mm

<b>Unique product code:</b>	SMC-F3C-902
<b>Type, batch or serial number:</b>	SMC-F3C-902
<b>Intended use of the construction product:</b>	In heating systems in buildings
<b>Manufacturer:</b>	Castrads Ltd 1 Kenwood Road North Reddish SK5 6PH, Manchester, United Kingdom
<b>System of AVCP:</b>	System 3
<b>Harmonized standard:</b>	EN 442-1:2014
<b>Notified body:</b>	Politecnico di Milano
<b>Test report number:</b>	ENE/MRT.ITPL.01004

### 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  
25th May 2026





## Appendix to DOP No. 202009-1035: Dimensions and thermal outputs

Panel dimensions: 1002mm 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-902-03	3	165	263	135	1.543	1.3138
SMC-F3C-902-04	4	210	351	180	2.058	1.3138
SMC-F3C-902-05	5	255	439	224	2.572	1.3138
SMC-F3C-902-06	6	300	527	269	3.087	1.3138
SMC-F3C-902-07	7	345	615	314	3.601	1.3138
SMC-F3C-902-08	8	390	702	359	4.116	1.3138
SMC-F3C-902-09	9	435	790	404	4.630	1.3138
SMC-F3C-902-10	10	480	878	449	5.144	1.3138
SMC-F3C-902-11	11	525	966	494	5.659	1.3138
SMC-F3C-902-12	12	570	1054	539	6.173	1.3138
SMC-F3C-902-13	13	615	1141	583	6.688	1.3138
SMC-F3C-902-14	14	660	1229	628	7.202	1.3138
SMC-F3C-902-15	15	705	1317	673	7.717	1.3138
SMC-F3C-902-16	16	750	1405	718	8.231	1.3138
SMC-F3C-902-17	17	795	1493	763	8.745	1.3138
SMC-F3C-902-18	18	840	1580	808	9.260	1.3138
SMC-F3C-902-19	19	885	1668	853	9.774	1.3138
SMC-F3C-902-20	20	930	1756	898	10.289	1.3138
SMC-F3C-902-21	21	975	1844	942	10.803	1.3138
SMC-F3C-902-22	22	1020	1932	987	11.318	1.3138
SMC-F3C-902-23	23	1065	2019	1032	11.832	1.3138
SMC-F3C-902-24	24	1110	2107	1077	12.347	1.3138
SMC-F3C-902-25	25	1155	2195	1122	12.861	1.3138
SMC-F3C-902-26	26	1200	2283	1167	13.375	1.3138
SMC-F3C-902-27	27	1245	2370	1212	13.890	1.3138
SMC-F3C-902-28	28	1290	2458	1257	14.404	1.3138
SMC-F3C-902-29	29	1335	2546	1301	14.919	1.3138
SMC-F3C-902-30	30	1380	2634	1346	15.433	1.3138
SMC-F3C-902-31	31	1425	2722	1391	15.948	1.3138
SMC-F3C-902-32	32	1470	2809	1436	16.462	1.3138
SMC-F3C-902-33	33	1515	2897	1481	16.977	1.3138
SMC-F3C-902-34	34	1560	2985	1526	17.491	1.3138
SMC-F3C-902-35	35	1605	3073	1571	18.005	1.3138
SMC-F3C-902-36	36	1650	3161	1616	18.520	1.3138
SMC-F3C-902-37	37	1695	3248	1660	19.034	1.3138
SMC-F3C-902-38	38	1740	3336	1705	19.549	1.3138
SMC-F3C-902-39	39	1785	3424	1750	20.063	1.3138
SMC-F3C-902-40	40	1830	3512	1795	20.578	1.3138