Declaration of Performance

No. 202009-1031

Curved Florence 3 Column 500mm

Unique product code:	CUR-F3C-502
Type, batch or serial number:	CUR-F3C-502
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
17th November 2026



Castrads®

Appendix to DOP No. 202009-1031: Dimensions and thermal outputs

Panel dimensions: 602mm 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
CUR-F3C-502-03	3	165	154	81	1.072	1.2700
CUR-F3C-502-04	4	210	205	107	1.429	1.2700
CUR-F3C-502-05	5	255	257	134	1.786	1.2700
CUR-F3C-502-06	6	300	308	161	2.144	1.2700
CUR-F3C-502-07	7	345	360	188	2.501	1.2700
CUR-F3C-502-08	8	390	411	215	2.858	1.2700
CUR-F3C-502-09	9	435	462	242	3.215	1.2700
CUR-F3C-502-10	10	480	514	268	3.573	1.2700
CUR-F3C-502-11	11	525	565	295	3.930	1.2700
CUR-F3C-502-12	12	570	616	322	4.287	1.2700
CUR-F3C-502-13	13	615	668	349	4.645	1.2700
CUR-F3C-502-14	14	660	719	376	5.002	1.2700
CUR-F3C-502-15	15	705	771	403	5.359	1.2700
CUR-F3C-502-16	16	750	822	430	5.716	1.2700
CUR-F3C-502-17	17	795	873	456	6.074	1.2700
CUR-F3C-502-18	18	840	925	483	6.431	1.2700
CUR-F3C-502-19	19	885	976	510	6.788	1.2700
CUR-F3C-502-20	20	930	1027	537	7.145	1.2700
CUR-F3C-502-21	21	975	1079	564	7.503	1.2700
CUR-F3C-502-22	22	1020	1130	591	7.860	1.2700
CUR-F3C-502-23	23	1065	1181	618	8.217	1.2700
CUR-F3C-502-24	24	1110	1233	644	8.574	1.2700
CUR-F3C-502-25	25	1155	1284	671	8.932	1.2700
CUR-F3C-502-26	26	1200	1336	698	9.289	1.2700
CUR-F3C-502-27	27	1245	1387	725	9.646	1.2700
CUR-F3C-502-28	28	1290	1438	752	10.004	1.2700
CUR-F3C-502-29	29	1335	1490	779	10.361	1.2700
CUR-F3C-502-30	30	1380	1541	805	10.718	1.2700
CUR-F3C-502-31	31	1425	1592	832	11.075	1.2700
CUR-F3C-502-32	32	1470	1644	859	11.433	1.2700
CUR-F3C-502-33	33	1515	1695	886	11.790	1.2700
CUR-F3C-502-34	34	1560	1746	913	12.147	1.2700
CUR-F3C-502-35	35	1605	1798	940	12.504	1.2700
CUR-F3C-502-36	36	1650	1849	967	12.862	1.2700
CUR-F3C-502-37	37	1695	1901	993	13.219	1.2700
CUR-F3C-502-38	38	1740	1952	1020	13.576	1.2700
CUR-F3C-502-39	39	1785	2003	1047	13.934	1.2700
CUR-F3C-502-40	40	1830	2055	1074	14.291	1.2700