

Castrads®

Declaration of Performance

No. 202009-1016

Curved Florence 2 Column 500mm

Unique product code:	CUR-F2C-502
Type, batch or serial number:	CUR-F2C-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.RES.01003_A

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
12th June 2026





Appendix to DOP No. 202009-1016: Dimensions and thermal outputs

Panel dimensions: 602mm high when floor standing, 67mm 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-F2C-502-03	3	165	110	58	0.812	1.2545
CUR-F2C-502-04	4	210	147	77	1.083	1.2545
CUR-F2C-502-05	5	255	183	97	1.354	1.2545
CUR-F2C-502-06	6	300	220	116	1.625	1.2545
CUR-F2C-502-07	7	345	257	135	1.896	1.2545
CUR-F2C-502-08	8	390	293	154	2.167	1.2545
CUR-F2C-502-09	9	435	330	174	2.437	1.2545
CUR-F2C-502-10	10	480	367	193	2.708	1.2545
CUR-F2C-502-11	11	525	403	212	2.979	1.2545
CUR-F2C-502-12	12	570	440	232	3.250	1.2545
CUR-F2C-502-13	13	615	476	251	3.521	1.2545
CUR-F2C-502-14	14	660	513	270	3.792	1.2545
CUR-F2C-502-15	15	705	550	290	4.062	1.2545
CUR-F2C-502-16	16	750	586	309	4.333	1.2545
CUR-F2C-502-17	17	795	623	328	4.604	1.2545
CUR-F2C-502-18	18	840	660	348	4.875	1.2545
CUR-F2C-502-19	19	885	696	367	5.146	1.2545
CUR-F2C-502-20	20	930	733	386	5.417	1.2545
CUR-F2C-502-21	21	975	770	406	5.687	1.2545
CUR-F2C-502-22	22	1020	806	425	5.958	1.2545
CUR-F2C-502-23	23	1065	843	444	6.229	1.2545
CUR-F2C-502-24	24	1110	880	463	6.500	1.2545
CUR-F2C-502-25	25	1155	916	483	6.771	1.2545
CUR-F2C-502-26	26	1200	953	502	7.042	1.2545
CUR-F2C-502-27	27	1245	990	521	7.312	1.2545
CUR-F2C-502-28	28	1290	1026	541	7.583	1.2545
CUR-F2C-502-29	29	1335	1063	560	7.854	1.2545
CUR-F2C-502-30	30	1380	1100	579	8.125	1.2545
CUR-F2C-502-31	31	1425	1136	599	8.396	1.2545
CUR-F2C-502-32	32	1470	1173	618	8.667	1.2545
CUR-F2C-502-33	33	1515	1210	637	8.937	1.2545
CUR-F2C-502-34	34	1560	1246	657	9.208	1.2545
CUR-F2C-502-35	35	1605	1283	676	9.479	1.2545
CUR-F2C-502-36	36	1650	1319	695	9.750	1.2545
CUR-F2C-502-37	37	1695	1356	714	10.021	1.2545
CUR-F2C-502-38	38	1740	1393	734	10.292	1.2545
CUR-F2C-502-39	39	1785	1429	753	10.562	1.2545
CUR-F2C-502-40	40	1830	1466	772	10.833	1.2545