

Castrads®

Declaration of Performance

No. 202009-1014

Curved Florence 2 Column 300mm

Unique product code:	CUR-F2C-302
Type, batch or serial number:	CUR-F2C-302
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
20th May 2026





Appendix to DOP No. 202009-1014: Dimensions and thermal outputs

Panel dimensions: 402mm 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-302-03	3	165	70	37	0.553	1.2386
CUR-F2C-302-04	4	210	94	50	0.737	1.2386
CUR-F2C-302-05	5	255	117	62	0.922	1.2386
CUR-F2C-302-06	6	300	141	75	1.106	1.2386
CUR-F2C-302-07	7	345	164	87	1.290	1.2386
CUR-F2C-302-08	8	390	187	100	1.475	1.2386
CUR-F2C-302-09	9	435	211	112	1.659	1.2386
CUR-F2C-302-10	10	480	234	124	1.843	1.2386
CUR-F2C-302-11	11	525	258	137	2.028	1.2386
CUR-F2C-302-12	12	570	281	149	2.212	1.2386
CUR-F2C-302-13	13	615	305	162	2.396	1.2386
CUR-F2C-302-14	14	660	328	174	2.580	1.2386
CUR-F2C-302-15	15	705	352	187	2.765	1.2386
CUR-F2C-302-16	16	750	375	199	2.949	1.2386
CUR-F2C-302-17	17	795	398	212	3.133	1.2386
CUR-F2C-302-18	18	840	422	224	3.318	1.2386
CUR-F2C-302-19	19	885	445	237	3.502	1.2386
CUR-F2C-302-20	20	930	469	249	3.686	1.2386
CUR-F2C-302-21	21	975	492	261	3.871	1.2386
CUR-F2C-302-22	22	1020	516	274	4.055	1.2386
CUR-F2C-302-23	23	1065	539	286	4.239	1.2386
CUR-F2C-302-24	24	1110	562	299	4.424	1.2386
CUR-F2C-302-25	25	1155	586	311	4.608	1.2386
CUR-F2C-302-26	26	1200	609	324	4.792	1.2386
CUR-F2C-302-27	27	1245	633	336	4.977	1.2386
CUR-F2C-302-28	28	1290	656	349	5.161	1.2386
CUR-F2C-302-29	29	1335	680	361	5.345	1.2386
CUR-F2C-302-30	30	1380	703	373	5.530	1.2386
CUR-F2C-302-31	31	1425	727	386	5.714	1.2386
CUR-F2C-302-32	32	1470	750	398	5.898	1.2386
CUR-F2C-302-33	33	1515	773	411	6.083	1.2386
CUR-F2C-302-34	34	1560	797	423	6.267	1.2386
CUR-F2C-302-35	35	1605	820	436	6.451	1.2386
CUR-F2C-302-36	36	1650	844	448	6.636	1.2386
CUR-F2C-302-37	37	1695	867	461	6.820	1.2386
CUR-F2C-302-38	38	1740	891	473	7.004	1.2386
CUR-F2C-302-39	39	1785	914	485	7.188	1.2386
CUR-F2C-302-40	40	1830	937	498	7.373	1.2386